From: Zahn, Aaron F. - Managing Director/CEO <zahnaf@jea.com>
Sent: Friday, June 7, 2019 5:05 PM
To: Jeanne Miller; Wannemacher, Ryan F. - Chief Financial Officer; Kerri Stewart; Vinyard, Herschel T. - Chief Administrative Officer
Cc: Bobby Stein - Chartwell Capital Management Company, Inc. (bstein@trgjax.com); Rusty Newton; John A. Delaney; John Baker - FRP Holdings, Inc. (jdbaker@patriottrans.com); Henry Brown (HBrown@mecojax.com); ricky.caplin@thehcigroup.com; 'Brian Evans'; David Miller; 'David Sweeney'; Michael Munz; Rusty Newton; Peter Rummell; Russell Armistead; Andrew Selevan (AndrewS@jaru.com); Adams, Bill; 'Brian Evans'; Michael Munz; Susie Wiles; Tim Cost - Jacksonville University (tcost@ju.edu); Bartley, La'Trece M. - Mgr Executive Administration
Subject: RE: Monday, June 10, 2019 Meeting regarding 2019 Status Quo Financial Projections
Attachments: 2018-5-30 Electric Only TYSP Assumptions DRAFT.XLSM; 2018-5-30 Water Only WRMP Assumptions DRAFT.xlsm; 2018-5-30 DES Only DRAFT.xlsx; IV. A. 2019-5-28 Status Quo v22 - COPY.pdf; IV. A. 2019-5-28 Status Quo Appendix - COPY.pdf

Jeanne / All –
Thank you. We look forward to the discussion. Each individual should arrive at the security desk and will be escorted to T17 for the meeting.

There is a simple answer to your specific question below. The difference is between: 1) engineering capacity forecasting – a forecast used for system planning; and 2) business planning forecasting – a forecast used for strategic decision making.

1) The forecast provided on May 30, 2018, as noted on each sheet of the spreadsheet, was a "**MODEL IS BASED ON PSC SYSTEM CAPACITY PLANNING ASSUMPTIONS *** ASSUMPTIONS AND FORECAST DO NOT REPRESENT A MANAGEMENT CASE FORECAST FOR FINANCIAL PURPOSES ***.**" If you recall, at the time of my entry to JEA the company had never completed a true management cast forecast. We are attaching the files for your ease of reference. The assumptions and inputs for each model may be found on the "inputs" tabs in each excel file.
2) Forecast provided last week, on May 28, 2019, to the Board and Public (and on the JEA website) were a first of a kind true management case forecast for JEA. We are attaching the files for your ease of reference:
    a. The summary results are in the attached Status Quo v22 file
    b. The assumptions and inputs, as supported by McKinsey and Co., are in the Status Quo Appendix file
    c. Please note this a Scenario assuming JEA is operated "Status Quo." We are doing scenario strategic planning in order to increase transparency for the entire community. The steps are outlined in the presentations.

For Monday, we have arranged the following agenda:

1. Introduction to JEA's strategic planning process by McKinsey
2. Overview of Last 10 Years
3. Overview of Status Quo
4. Overview of Management Response
5. Discussion and Q&A

Have a great weekend!
Aaron

Aaron Zahn
Managing Director & Chief Executive Officer
Direct: (904) 665-4396
Mobile: (312) 286-1040
Fax: (904) 665-4238
Email: zahnaf@jea.com

From: Jeanne Miller <jeanne@jaxciviccouncil.com>
Sent: Friday, June 7, 2019 4:27 PM
To: Wannemacher, Ryan F. - Chief Financial Officer <wannrf@jea.com>; Kerri Stewart <kerristewart@hotmail.com>; Vinyard, Herschel T. - Chief Administrative Officer <vinyht@jea.com>; Zahn, Aaron F. - Managing Director/CEO <zahnaf@jea.com>
Cc: Bobby Stein - Chartwell Capital Management Company, Inc. (bstein@trgjax.com) <bstein@trgjax.com>; Rusty Newton <rnewton@timucuan.com>; John A. Delaney <JDelaney@RTLAW.com>; John Baker - FRP Holdings, Inc. (jdbaker@patriottrans.com) <jdbaker@patriottrans.com>; Henry Brown (HBrown@mecojax.com) <HBrown@mecojax.com>; ricky.caplin@thehcigroup.com; 'Brian Evans' <brian.evans@53.com>; David Miller <david.miller@brightway.com>; 'David Sweeney' <David.Sweeney@rsandh.com>; Michael Munz <mmunz@daltonagency.com>; Rusty Newton <rnewton@timucuan.com>; Peter Rummell <peter@rummell.org>; Russell Armistead <rarmistead@hotmail.com>; Andrew Selevan (AndrewS@jaru.com) <AndrewS@jaru.com>; Adams, Bill <BAdams@gunster.com>; 'Brian Evans' <brian.evans@53.com>; Michael Munz <mmunz@daltonagency.com>; Susie Wiles <susie@ballardfl.com>; Tim Cost - Jacksonville University (tcost@ju.edu) <tcost@ju.edu>
Subject: Monday, June 10, 2019 Meeting regarding 2019 Status Quo Financial Projections

Dear Ryan and Team,

We look forward to meeting with you on Monday, June 10, 2019 from 1:00 pm – 3:00 pm at JEA Headquarters. The individuals listed below plan to attend.

To make the best use of our time together, we would like to focus the meeting on the Status Quo Financial Projections provided to us last month (May, 2019) for the electric portion of the business. Specifically, we would like to better understand the differences between the electric utility projections provided to us in Spring, 2018 and the May, 2019 projections. We will ask for the specific underlying assumptions and drivers that changed over the last year as it pertains to the electric projections for Revenue, Expenses, Capital Expenditures and EBITDA. In addition, we would like understand any fuel mix changes and the assumption or reason for the changes.

JEA Financial Projections Meeting 6/10/2019

1. Bobby Stein Attending
2. John Baker Attending
3. Ricky Caplin Attending
4. David Sweeney Attending
5. Peter Rummell Attending
6. Andrew Selevan Attending
7. Russ Armistead Attending
8. Rusty Newton Attending
9. Bill Adams Attending
10. Brian Evans Attending
11. Henry Brown Attending
12. Michael Munz Attending
13. Jeanne Miller Attending
14. Todd Higginbotham Attending

Would you please provide us with the specific floor and conference room where we will be meeting on Monday?

Thank you so much. Have a good weekend.

Jeanne M. Miller, Esq.
CEO & President
Jacksonville Civic Council, Inc.
31 West Adams Street, Suite 204
Jacksonville, Florida 32202
jeanne@jaxciviccouncil.com
Ofc: 904.354.4911
www.jaxciviccouncil.com



MODEL IS BASED ON PSC SYSTEM CAPACITY PLA

***** ASSUMPTIONS AND FORECAST DO NOT REPR**

CASE FORECAST FOR FINANCIAL PUR



Holistic Enterprise Analytical

DO NOT DELETE
Yes

No

ANNING ASSUMPTIONS
ESENT A MANAGEMENT
RPOSES ***



l Tool ("HEAT")

JEA HEAT Model	
IRP CAP0503 FUEL0509 BUD0504	
Base Year	2017
Sales Assumptions	
Annual Mwh Growth	0.000%
Customer Owned Solar (C.O.S.)	
Capacity Factor	0%
Starting Month/Year	Jan-00
Residential	
Starting Capacity (MW)	0
Starting Sales (Mwh)	0
Commercial	
Starting Capacity (MW)	0
Starting Sales (Mwh)	0
Starting Total Sales (Mwh)	**0**
Growth(1) / Load(0)	Load
Annual Growth Rate	0.0%
% of Sales	0%
Final Year of Gowth Penetration	0
CAGR - 2024	0.00%

Calculate

Load Scenario

Save Scenario

Operating Assumptions	
Base Rate Yield ($/mwh)	**$ 64.00**
Environmental Rate Yield	**$0.61**
Modified Days of Cash	26.5
Avg. IR fixed swap rate	4.75%
Hedged VR %	67.90%
Assumed GRT rate	2.5000%
Taxes/Uncollectibles %	0.20%
Production loss rate	4.00%
Fuel Rate Discount Adjustment	1.30%
Fuel Expense Escalator	2.00%
General O&M Growth	2.00%
Salary Growth	2.00%
Overtime Growth	2.00%
Salaries Regular and Temp	$117,463,571

	Electric Assumptions												
	Fuel Rate	Territory	C.O.S.	JEA	Base Rate		Other Rev	O&M	Base CapEx	Plant CapEx	CapEx	City Contribution	Fuel Credit
Year	$/mwh	Mwh	Mwh	Mwh	Adj.		Adj.	$	$	$	$	$	$
2018	32.50	12,390,324	-	12,390,324	0.00%	-	1%	-	190,354,526	-	190,354,526	$91,471,795	$0.00
2019	32.50	12,628,266	-	12,628,266	0.00%	-	1%	-	312,865,100	-	312,865,100	$92,386,513	$0.00
2020	32.50	12,736,367	-	12,736,367	0.00%	-	1%	-	264,170,746	-	264,170,746	$93,310,378	$0.00
2021	32.50	12,816,532	-	12,816,532	0.00%	-	1%	-	284,904,000	-	284,904,000	$94,243,482	$0.00
2022	32.50	12,924,755	-	12,924,755	0.00%	-	1%	-	357,844,000	-	357,844,000	$95,185,917	$0.00
2023	32.50	13,044,067	-	13,044,067	0.00%	-	1%	-	245,088,000	-	245,088,000	$96,137,776	$0.00
2024	32.50	13,158,545	-	13,158,545	0.00%	-	1%	-	225,000,000	-	225,000,000	$97,099,154	$0.00
2025	32.50	13,267,347	-	13,267,347	3.75%	-	1%	-	225,000,000	-	225,000,000	$98,070,145	$0.00
2026	36.00	13,374,469	-	13,374,469	3.75%	-	1%	-	225,000,000	-	225,000,000	$99,050,847	$0.00
2027	36.00	13,481,921	-	13,481,921	0.00%	-	1%	0	225,000,000	-	225,000,000	$100,041,355	$0.00
2028	36.00	13,590,288	-	13,590,288	0.00%	-	1%	-	225,000,000	-	225,000,000	$101,041,769	$0.00
2029	36.00	13,590,288	-	13,590,288	0.00%	-	1%	(0)	225,000,000	-	225,000,000	$102,052,186	$0.00
2030	39.25	13,590,288	-	13,590,288	0.00%	-	1%	(0)	225,000,000	-	225,000,000	$103,072,708	$0.00
2031	39.25	13,590,288	-	13,590,288	0.00%	-	1%	(12,665,086)	225,000,000	-	225,000,000	$104,103,435	$0.00
2032	39.25	13,590,288	-	13,590,288	0.00%	-	1%	(12,707,541)	225,000,000	-	225,000,000	$105,144,470	$0.00
2033	39.25	13,590,288	-	13,590,288	0.00%	-	1%	(12,729,489)	225,000,000	-	225,000,000	$106,195,914	$0.00
2034	42.25	13,590,288	-	13,590,288	0.00%	-	1%	(12,706,766)	225,000,000	-	225,000,000	$107,257,873	$0.00
2035	42.25	13,590,288	-	13,590,288	0.00%	-	1%	(12,659,851)	225,000,000	-	225,000,000	$108,330,452	$0.00
2036	42.25	13,590,288	-	13,590,288	0.00%		1%	(12,569,612)	225,000,000	-	225,000,000	$109,413,757	$0.00
2037	42.25	13,590,288	-	13,590,288	0.00%	-	1%	(12,607,545)	225,000,000	-	225,000,000	$110,507,894	$0.00
2038	46.00	13,590,288	-	13,590,288	0.00%	-	1%	(12,634,788)	225,000,000	-	225,000,000	$111,612,973	$0.00
2039	46.00	13,590,288	-	13,590,288	0.00%	-	1%	(12,651,251)	225,000,000	-	225,000,000	$112,729,103	$0.00
2040	46.00	13,590,288	-	13,590,288	0.00%	-	1%	(12,659,103)	225,000,000	-	225,000,000	$113,856,394	$0.00
2041	46.00	13,590,288	-	13,590,288	0.00%	-	1%	(12,658,438)	225,000,000	-	225,000,000	$114,994,958	$0.00
2042	50.50	13,590,288	-	13,590,288	0.00%	-	1%	(12,652,983)	225,000,000	-	225,000,000	$116,144,907	$0.00
2043	50.50	13,590,288	-	13,590,288	0.00%	-	1%	(12,644,482)	225,000,000	-	225,000,000	$117,306,357	$0.00
2044	50.50	13,590,288	-	13,590,288	0.00%	-	1%	(12,637,561)	225,000,000	-	225,000,000	$118,479,420	$0.00
2045	50.50	13,590,288	-	13,590,288	0.00%	-	1%	(12,635,085)	225,000,000	-	225,000,000	$119,664,214	$0.00
2046	50.50	13,590,288	-	13,590,288	0.00%	-	1%	(108,702,075)	225,000,000	-	225,000,000	$120,860,856	$0.00
2047	50.50	13,590,288	-	13,590,288	0.00%	-	1%	(45,053,646)	225,000,000	-	225,000,000	122,069,465	$0.00

Bond Order	Final Maturity Date
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	
26	
27	
28	
29	
30	

	Purchased Power																	
	PP-Fuel	Total PP	Scherer					SJRPP						Vogtle					Other
	$	$	Debt Service	O&M	Capital	Transmission	Fuel Cost	Debt Service	O&M	Capital	Invest Credits	Transmission	Fuel Cost	MEAG Payments	DS Portion	Capital	Transmission	Fuel Cost	Capacity
2018	54,303,244		9,942,757	11,942,608	24,432,091	5,500,000	27,295,626	12,925,270	6,250,000	(4,395,310)	-	-	27,007,619	11,744,583	11,744,583	-	7,200,000	-	7,249,500
2019	35,963,785		10,109,437	8,230,693	5,849,342	5,500,000	37,562,000	24,907,870	-	2,976,288	-	-	(1,598,215)	14,327,360	14,327,360	-	7,200,000	-	9,666,000
2020	30,458,400		10,691,367	12,666,373	10,669,349	5,500,000	30,458,400	23,784,195	-	2,930,883	-	-	-	19,999,980	19,999,980	-	7,200,000	-	8,234,000
2021	32,931,100		10,578,422	8,700,110	4,013,145	5,500,000	32,931,100	24,068,940	-	2,970,359	-	-	-	34,992,314	31,464,781	-	7,200,000	-	3,580,000
2022	39,216,400		10,543,742	13,454,651	15,560,723	5,500,000	30,766,400	24,595,340	-	3,040,087	(24,595,340)	-	-	101,483,925	77,723,091	-	7,200,000	8,450,000	-
2023	50,484,728		10,487,622	11,942,608	12,104,930	5,500,000	31,381,728	24,557,928	-	3,039,548	(24,557,928)	-	-	151,659,675	115,265,684	-	7,200,000	19,103,000	-
2024	51,494,423		7,493,162	8,230,693	9,639,498	5,500,000	32,009,363	24,506,363	-	3,037,477	(24,506,363)	-	-	163,017,040	123,298,519	-	7,200,000	19,485,060	-
2025	52,524,311		6,808,442	12,666,373	10,397,529	5,500,000	32,649,550	24,464,370	-	3,036,834	(18,575,370)	-	-	166,690,392	123,263,428	-	7,200,000	19,874,761	-
2026	53,574,797		6,552,501	8,700,110	10,343,165	5,500,000	33,302,541	24,361,661	-	3,028,862	-	-	-	165,961,607	122,779,241	-	7,200,000	20,272,256	-
2027	54,646,293		6,302,256	13,454,651	11,609,169	5,500,000	33,968,592	24,259,318	-	3,021,214	-	-	-	167,545,122	123,091,427	-	7,200,000	20,677,702	-
2028	55,739,219		6,923,939	11,942,608	10,818,858	5,500,000	34,647,963	24,142,186	-	3,012,015	-	-	-	172,323,909	123,694,583	-	7,200,000	21,091,256	-
2029	56,854,003		7,872,262	8,230,693	10,561,644	5,500,000	35,340,923	20,561,194	-	2,570,149	-	-	-	171,209,170	124,195,168	-	7,200,000	21,513,081	-
2030	57,991,083		7,620,627	12,666,373	10,746,073	5,500,000	36,047,741	20,502,600	-	2,562,825	-	-	-	172,465,166	124,513,389	-	7,200,000	21,943,342	-
2031	59,150,905		3,550,894	8,700,110	10,815,782	5,500,000	36,768,696	20,464,225	-	2,558,028	-	-	-	178,454,257	124,725,023	-	7,200,000	22,382,209	-
2032	60,333,923		3,530,644	13,454,651	10,910,305	5,500,000	37,504,070	13,299,300	-	1,662,413	-	-	-	177,425,485	125,044,793	-	7,200,000	22,829,853	-
2033	61,540,602		3,366,044	11,942,608	10,770,532	5,500,000	38,254,151	11,676,006	-	1,459,501	-	-	-	178,713,334	125,312,572	-	7,200,000	23,286,450	-
2034	62,771,414		3,708,844	8,230,693	10,760,867	5,500,000	39,019,234	12,409,663	-	1,551,208	-	-	-	183,912,067	125,535,136	-	7,200,000	23,752,179	-
2035	64,026,842		3,708,844	12,666,373	10,800,712	5,500,000	39,799,619	12,339,350	-	1,542,419	-	-	-	182,336,712	125,883,712	-	7,200,000	24,227,223	-
2036	65,307,379		3,710,144	8,700,110	10,811,640	5,500,000	40,595,611	12,252,550	-	1,531,569	-	-	-	176,813,901	118,013,530	-	7,200,000	24,711,767	-
2037	66,613,526		3,706,081	13,454,651	10,810,811	5,500,000	41,407,524	12,371,800	-	1,546,475	-	-	-	170,510,192	105,872,769	-	7,200,000	25,206,003	-
2038	67,945,797		4,711,656	11,942,608	10,790,912	5,500,000	42,235,674	4,007,400	-	500,925	-	-	-	162,560,546	100,031,762	-	7,200,000	25,710,123	-
2039	69,304,713		-	8,230,693	10,794,988	5,500,000	43,080,388	4,009,200	-	501,150	-	-	-	156,651,001	93,969,850	-	7,200,000	26,224,325	-
2040	70,690,807		-	12,666,373	10,801,813	5,500,000	43,941,995	-	-	-	-	-	-	150,798,088	84,687,552	-	7,200,000	26,748,812	-
2041	72,104,623		-	8,700,110	10,802,033	5,500,000	44,820,835	-	-	-	-	-	-	134,921,484	72,951,902	-	7,200,000	27,283,788	-
2042	73,546,716		-	13,454,651	10,800,112	5,500,000	45,717,252	-	-	-	-	-	-	60,921,121	-	-	7,200,000	27,829,464	-
2043	75,017,650		-	11,942,608	10,797,972	5,500,000	46,631,597	-	-	-	-	-	-	-	-	-	7,200,000	28,386,053	-
2044	76,518,003		-	8,230,693	10,799,383	5,500,000	47,564,229	-	-	-	-	-	-	-	-	-	7,200,000	28,953,774	-
2045	78,048,363		-	12,666,373	10,800,262	5,500,000	48,515,514	-	-	-	-	-	-	-	-	-	7,200,000	29,532,850	-
2046	79,609,330		-	-	10,799,952	5,500,000	49,485,824	-	-	-	-	-	-	-	-	-	7,200,000	30,123,507	-
2047	81,201,517		-	-	10,799,536	5,500,000	50,475,540	-	-	-	-	-	-	-	-	-	7,200,000	30,725,977	-

Budget Non Fuel Purchased Power $
92,791,499
88,766,989
101,676,147
101,603,290
156,783,127
201,934,383
204,117,869
218,188,570
231,647,906
238,891,730
241,863,515
233,705,110
239,263,663
237,243,295
232,982,797
230,628,025
233,273,341
236,094,409
226,519,913
225,100,011
207,214,047
192,887,032
186,966,273
167,123,627
97,875,884
35,440,580
31,730,076
36,166,635
23,499,952
23,499,536

Fuel Expense		Escalator On-1/Off-0
Electric System $	Other Purchase Power $	Forecas
312,810,068	100,491,190	2018
305,207,945	101,636,537	2019
306,906,197	88,375,790	2020
317,172,637	86,525,580	2021
324,137,481	77,940,007	2022
334,256,166	89,982,807	2023
344,342,572	91,782,463	2024
354,371,823	93,618,112	2025
367,351,822	95,490,475	2026
377,975,582	97,400,284	2027
388,767,406	99,348,290	2028
395,795,833	101,335,256	2029
406,336,346	103,361,961	2030
413,648,722	105,429,200	2031
421,107,346	107,537,784	2032
428,715,141	109,688,540	2033
439,587,263	111,882,310	2034
447,502,414	114,119,957	2035
455,575,867	116,402,356	2036
463,810,790	118,730,403	2037
476,100,624	121,105,011	2038
484,668,238	123,527,111	2039
493,407,204	125,997,653	2040
502,320,949	128,517,606	2041
516,081,224	131,087,959	2042
525,355,085	133,709,718	2043
534,814,422	136,383,912	2044
544,462,947	139,111,590	2045
554,304,442	141,893,822	2046
564,342,767	144,731,699	2047

	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	
	1	1	1	1	1	1	1	0	1	1	
t as of	4/6/2018	SJRPP									
Year	NS CFB	(w/ Handling)	Scherer	Nuclear	#6 Oil	Gas	Diesel	Solar	Other PP	OSS	Total
2018	87,578,750	27,007,619	27,295,626	-	4,331,122	151,418,754	2,972,537	7,216,867	77,469,115	(1,342,219)	383,948,170
2019	88,914,300	(1,598,215)	37,562,000	-	623,300	146,730,704	218,600	9,118,000	66,905,000	(2,220,000)	346,253,689
2020	89,321,900	-	30,458,400	-	707,400	143,916,521	1,119,200	19,645,000	60,833,000	(2,060,000)	343,941,421
2021	92,797,500	-	32,931,100	-	699,700	144,786,106	3,926,600	22,350,000	57,105,000	(1,944,000)	352,652,006
2022	93,988,100	-	30,766,400	8,450,000	999,500	153,024,565	1,555,700	22,504,000	42,640,000	(1,876,000)	352,052,265
2023	95,867,862	-	31,381,728	19,103,000	1,019,490	156,085,056	1,586,814	-	43,492,800	(1,913,520)	346,623,230
2024	97,785,219	-	32,009,363	19,485,060	1,039,880	159,206,757	1,618,550	-	44,362,656	(1,951,790)	353,555,694
2025	99,740,924	-	32,649,550	19,874,761	1,060,677	162,390,892	1,650,921	-	45,249,909	(1,990,826)	360,626,808
2026	101,735,742	-	33,302,541	20,272,256	1,081,891	165,638,710	1,683,940	-	46,154,907	(2,030,643)	367,839,345
2027	103,770,457	-	33,968,592	20,677,702	1,103,529	168,951,484	1,717,619	-	47,078,005	(2,071,256)	375,196,131
2028	105,845,866	-	34,647,963	21,091,256	1,125,599	172,330,514	1,751,971	-	48,019,566	(2,112,681)	382,700,054
2029	107,962,783	-	35,340,923	21,513,081	1,148,111	175,777,124	1,787,010	-	48,979,957	(2,154,934)	390,354,055
2030	110,122,039	-	36,047,741	21,943,342	1,171,074	179,292,667	1,822,750	-	49,959,556	(2,198,033)	398,161,136
2031	112,324,480	-	36,768,696	22,382,209	1,194,495	182,878,520	1,859,206	-	50,958,747	(2,241,994)	406,124,359
2032	114,570,969	-	37,504,070	22,829,853	1,218,385	186,536,090	1,896,390	-	51,977,922	(2,286,834)	414,246,846
2033	116,862,389	-	38,254,151	23,286,450	1,242,753	190,266,812	1,934,317	-	53,017,481	(2,332,570)	422,531,783
2034	119,199,637	-	39,019,234	23,752,179	1,267,608	194,072,148	1,973,004	-	54,077,830	(2,379,222)	430,982,419
2035	121,583,629	-	39,799,619	24,227,223	1,292,960	197,953,591	2,012,464	-	55,159,387	(2,426,806)	439,602,067
2036	124,015,302	-	40,595,611	24,711,767	1,318,819	201,912,663	2,052,713	-	56,262,574	(2,475,342)	448,394,108
2037	126,495,608	-	41,407,524	25,206,003	1,345,195	205,950,916	2,093,767	-	57,387,826	(2,524,849)	457,361,991
2038	129,025,520	-	42,235,674	25,710,123	1,372,099	210,069,935	2,135,643	-	58,535,582	(2,575,346)	466,509,230
2039	131,606,031	-	43,080,388	26,224,325	1,399,541	214,271,334	2,178,356	-	59,706,294	(2,626,853)	475,839,415
2040	134,238,151	-	43,941,995	26,748,812	1,427,532	218,556,760	2,221,923	-	60,900,420	(2,679,390)	485,356,203
2041	136,922,914	-	44,820,835	27,283,788	1,456,083	222,927,895	2,266,361	-	62,118,428	(2,732,978)	495,063,327
2042	139,661,372	-	45,717,252	27,829,464	1,485,204	227,386,453	2,311,688	-	63,360,797	(2,787,637)	504,964,594
2043	142,454,600	-	46,631,597	28,386,053	1,514,909	231,934,182	2,357,922	-	64,628,013	(2,843,390)	515,063,886
2044	145,303,692	-	47,564,229	28,953,774	1,545,207	236,572,866	2,405,081	-	65,920,573	(2,900,258)	525,365,164
2045	148,209,766	-	48,515,514	29,532,850	1,576,111	241,304,323	2,453,182	-	67,238,985	(2,958,263)	535,872,467
2046	151,173,961	-	49,485,824	30,123,507	1,607,633	246,130,410	2,502,246	-	68,583,764	(3,017,428)	546,589,916
2047	154,197,440	-	50,475,540	30,725,977	1,639,786	251,053,018	2,552,291	-	69,955,440	(3,077,777)	557,521,714

2.00%	2.00%	2.00%	2.00%	2.00%	2.00%			2.00%		
1	1	1	1	1	1			1		
Fixed Gas Transport	Byproduct Disposal	JEA Fuel Handling	Emission Allowances	TEA Equity	Account Write-Offs	Incremental Fuel Expense	Grand Total Expense	Exempt Sales Adjustment	Net Rate Requirement	Net MWh Sales for Fuel Costs
40,043,161	13,498,169	11,694,140	-	(2,931,332)	459,221	1,273,436	447,984,964	5,807,250	453,792,214	12,351,142
40,531,872	14,242,550	11,500,000	-	(610,463)	604,003	2,446,619	414,968,270	5,362,781	420,331,051	12,552,985
39,740,926	14,637,479	11,500,000	-	(855,610)	603,998	5,962,772	415,530,985	5,324,387	420,855,372	12,552,898
39,541,294	15,353,321	11,500,000	-	(1,566,520)	603,998	8,568,116	426,652,215	5,435,093	432,087,308	12,552,898
35,490,447	15,493,804	11,500,000	-	(2,040,393)	603,998	12,085,365	425,185,486	5,370,302	430,555,787	12,552,898
36,200,256	15,803,681	11,730,000	-	(2,081,201)	616,078	15,963,007	424,855,051	5,477,708	430,332,759	12,552,898
36,924,261	16,119,754	11,964,600	-	(2,122,825)	628,400	19,683,550	436,753,435	5,587,262	442,340,696	12,552,898
37,662,746	16,442,149	12,203,892	-	(2,165,281)	640,968	23,219,622	448,630,904	5,699,007	454,329,911	12,552,898
38,416,001	16,770,992	12,447,970	-	(2,208,587)	653,787	29,576,576	463,496,084	5,812,987	469,309,071	12,552,898
39,184,321	17,106,412	12,696,929	-	(2,252,759)	666,863	33,444,832	476,042,730	5,929,247	481,971,977	12,552,898
39,968,007	17,448,540	12,950,868	-	(2,297,814)	680,200	37,346,040	488,795,896	6,047,832	494,843,728	12,552,898
40,767,368	17,797,511	13,209,885	-	(2,343,770)	693,804	37,346,040	497,824,893	6,168,788	503,993,681	12,552,898
41,582,715	18,153,461	13,474,083	-	(2,390,646)	707,680	40,717,557	510,405,988	6,292,164	516,698,152	12,552,898
42,414,369	18,516,531	13,743,565	-	(2,438,459)	721,834	40,717,557	519,799,756	6,418,008	526,217,764	12,552,898
43,262,657	18,886,861	14,018,436	-	(2,487,228)	736,271	40,717,557	529,381,400	6,546,368	535,927,768	12,552,898
44,127,910	19,264,598	14,298,805	-	(2,536,972)	750,996	40,717,557	539,154,677	6,677,295	545,831,972	12,552,898
45,010,468	19,649,890	14,584,781	-	(2,587,712)	766,016	43,829,727	552,235,589	6,810,841	559,046,430	12,552,898
45,910,677	20,042,888	14,876,476	-	(2,639,466)	781,336	43,829,727	562,403,707	6,947,058	569,350,764	12,552,898
46,828,891	20,443,746	15,174,006	-	(2,692,255)	796,963	43,829,727	572,775,186	7,085,999	579,861,185	12,552,898
47,765,469	20,852,621	15,477,486	-	(2,746,100)	812,902	43,829,727	583,354,095	7,227,719	590,581,814	12,552,898
48,720,778	21,269,673	15,787,036	-	(2,801,022)	829,160	47,719,940	598,034,795	7,372,273	605,407,069	12,552,898
49,695,194	21,695,067	16,102,776	-	(2,857,043)	845,744	47,719,940	609,041,092	7,519,719	616,560,811	12,552,898
50,689,098	22,128,968	16,424,832	-	(2,914,184)	862,658	47,719,940	620,267,515	7,670,113	627,937,629	12,552,898
51,702,879	22,571,547	16,753,328	-	(2,972,467)	879,912	47,719,940	631,718,467	7,823,515	639,541,982	12,552,898
52,736,937	23,022,978	17,088,395	-	(3,031,917)	897,510	52,388,195	648,066,692	7,979,986	656,046,678	12,552,898
53,791,676	23,483,438	17,430,163	-	(3,092,555)	915,460	52,388,195	659,980,262	8,139,585	668,119,848	12,552,898
54,867,509	23,953,107	17,778,766	-	(3,154,406)	933,769	52,388,195	672,132,104	8,302,377	680,434,481	12,552,898
55,964,859	24,432,169	18,134,342	-	(3,217,494)	952,445	52,388,195	684,526,982	8,468,425	692,995,407	12,552,898
57,084,157	24,920,812	18,497,028	-	(3,281,844)	971,493	52,388,195	697,169,758	8,637,793	705,807,551	12,552,898
58,225,840	25,419,229	18,866,969	-	(3,347,481)	990,923	52,388,195	710,065,389	8,810,549	718,875,938	12,552,898

Existing Plant Assumptions

MODEL IS BASE

*** ASSUMPTIONS AND FORECAST DO NOT R

Plant	Original Cost	Book Value
Northside 1	295,835,411	140,763,919
Northside 2	305,186,388	163,749,998
Northside 3	514,171,139	123,324,495
Northside CT	-	-
Kennedy CT	158,610,028	96,553,624
SJRPP 1	**789,849,000**	**380,156,731**
SJRPP 2	**724,115,000**	**316,950,962**
Scherer	290,174,358	142,886,012
Brandy Branch CT	307,296,999	124,366,974
Brandy Branch CC	302,026,380	101,178,564
Greenland Energy	233,769,940	175,540,954

Forcasted Book Value beginning September 2017 through fiscal year September 20

Estimate as of September 30, 2017

JEA Major Units

Solid Fuel Units	Original Cost	Accum Depreciation
NORTHSIDE Unit 1 GEN STATIC	295,835,410.68	155,071,491.45
NORTHSIDE Unit 2 GEN STATIC	305,186,388.20	141,436,389.79
NORTHSIDE Unit 3 GEN STATIC	514,171,138.95	390,846,644.45
Total Solid Fuel Units	1,115,192,937.83	687,354,525.68

Non-Solid Fuel Units	Original Cost	Accum Depreciation
BRANDY BRANCH COMBINED (	252,162,337.02	115,725,171.94
BRANDY BRANCH CT 1	79,821,991.96	63,000,475.94
BRANDY BRANCH CT 2	110,194,500.75	68,573,904.78
BRANDY BRANCH CT 3	112,009,887.74	69,273,435.99
GREENLAND CT 1	117,624,020.51	29,300,094.47
GREENLAND CT 2	116,145,919.60	28,928,891.53
KENNEDY CT 7	61,675,460.28	27,763,600.77
KENNEDY CT 8	96,934,568.04	34,292,803.56
Total Non-Solid Fuel Units	946,568,685.90	436,858,378.98

Unallocated	59,661,352.62	6,843,517.10
Electric Total	**2,121,422,976.35**	**1,131,056,421.76**

Scherer Unit 4	290,174,357.55	147,288,345.88

Grand Total		

D ON PSC CAPACITY PLANNING ASSUMPTIONS
REPRESENT A MANAGEMENT CASE FORECAST FOR FINANCIAL PURPOSES ***

Accumulated Deprec	Disposition Value
155,071,491	**327,500,000**
141,436,390	**327,500,000**
390,846,644	**-**
-	**146,000,000**
62,056,404	**114,000,000**
409,692,269	**417,000,000**
407,164,038	**417,000,000**
147,288,346	**163,000,000**
182,930,025	**206,000,000**
200,847,817	**244,000,000**
58,228,986	**168,000,000**

20

Book Value Sept 2017	
140,763,919.23	-
163,749,998.41	-
123,324,494.50	-
427,838,412.15	-

Book Value Sept 2017	
136,437,165.08	-
16,821,516.02	-
41,620,595.96	-
42,736,451.75	-
88,323,926.04	-
87,217,028.07	-
33,911,859.51	-
62,641,764.48	-
509,710,306.92	-

52,817,835.52	-
990,366,554.59	-
	-
142,886,011.67	-

1,133,252,566.26

OUTAGE ADJ	
	Non Outage Non Routine
2018	3,775,000
2019	3,250,000
2020	3,500,000
2021	3,250,000
2022	3,200,000
2023	3,475,000
2024	3,600,000
2025	3,000,000
2026	3,000,000
2027	4,350,000
2028	4,350,000
2029	4,350,000
2030	4,350,000
2031	4,350,000
2032	4,350,000
2033	4,350,000
2034	4,350,000
2035	4,350,000
2036	4,350,000
2037	4,350,000
2038	4,350,000
2039	4,350,000
2040	4,350,000
2041	4,350,000
2042	4,350,000
2043	4,350,000
2044	4,350,000
2045	4,350,000
2046	4,350,000
2047	4,350,000

JUSTMENT		O&M ($000)			
Outage		Other O&M	Northside 1	Northside 2	Northside 3
9,260,092	**2018**	(93,062)	19,815	19,783	11,021
13,435,479	**2019**	(93,817)	20,418	20,492	11,244
4,497,168	**2020**	(97,594)	21,096	21,161	11,641
3,298,393	**2021**	(100,558)	21,441	21,460	11,820
9,521,462	**2022**	(104,699)	21,744	22,023	12,283
9,715,098	**2023**	(109,448)	22,438	22,514	12,510
8,125,060	**2024**	(111,464)	23,290	23,270	12,934
6,847,381	**2025**	(115,780)	23,835	23,816	13,129
3,945,195	**2026**	(114,433)	24,434	24,446	13,472
4,215,564	**2027**	(104,539)	22,057	22,107	12,228
7,286,089	**2028**	(105,815)	22,306	22,365	12,362
7,088,689	**2029**	(107,148)	22,516	22,574	12,487
6,454,010	**2030**	(108,209)	22,673	22,731	12,581
6,649,694	**2031**	(109,059)	22,810	22,872	12,665
6,984,824	**2032**	(109,544)	22,929	22,966	12,708
6,731,160	**2033**	(109,555)	22,983	23,016	12,729
6,432,767	**2034**	(109,342)	22,949	22,988	12,707
6,263,537	**2035**	(108,627)	22,851	22,896	12,660
6,205,153	**2036**	(107,982)	22,675	22,724	12,570
6,431,149	**2037**	(108,365)	22,744	22,792	12,608
6,652,707	**2038**	(108,648)	22,792	22,840	12,635
6,589,369	**2039**	(108,815)	22,823	22,869	12,651
6,539,437	**2040**	(108,882)	22,840	22,885	12,659
6,547,980	**2041**	(108,862)	22,843	22,886	12,658
6,537,808	**2042**	(108,786)	22,833	22,878	12,653
6,493,107	**2043**	(108,701)	22,817	22,862	12,644
6,469,301	**2044**	(108,630)	22,802	22,848	12,638
6,472,955	**2045**	(108,630)	22,796	22,843	12,635
6,493,897	**2046**	(108,702)	22,810	22,856	12,642
6,522,771	**2047**	(45,054)	-	-	-

		Ownership	Escalator	
		100%	1%	
Northside CT	Kennedy CT	SJRPP 1	SJRPP 2	Scherer
1,248	8,248	3,125	3,125	11,943
1,280	8,291	-	-	8,231
1,315	8,243	-	-	12,666
1,344	8,844	-	-	8,700
1,378	10,767	-	-	13,455
1,412	11,169	-	-	11,943
1,452	10,190	-	-	8,231
1,484	12,723	-	-	12,666
1,521	10,147	-	-	8,700
1,382	9,847	-	-	13,455
1,396	10,025	-	-	11,943
1,409	10,217	-	-	8,231
1,420	10,437	-	-	12,666
1,428	10,613	-	-	8,700
1,434	10,596	-	-	13,455
1,436	10,533	-	-	11,943
1,434	10,571	-	-	8,231
1,429	10,332	-	-	12,666
1,419	10,352	-	-	8,700
1,423	10,408	-	-	13,455
1,426	10,451	-	-	11,943
1,428	10,477	-	-	8,231
1,429	10,482	-	-	12,666
1,429	10,467	-	-	8,700
1,428	10,453	-	-	13,455
1,427	10,444	-	-	11,943
1,426	10,429	-	-	8,231
1,426	10,440	-	-	12,666
1,427	10,450	-	-	8,700
1,427	10,455	-	-	13,455

randy Branch C	randy Branch C	reenland Energ	EC Conversio	lew Gas Plant
2,978	25,795	4,174	-	-
3,014	24,899	4,179	-	-
2,691	27,280	4,167	-	-
3,324	27,708	4,617	-	-
3,916	27,088	5,500	-	-
4,096	29,745	5,564	-	-
3,994	30,358	5,976	-	-
4,741	30,114	5,938	-	-
3,593	31,563	5,257	-	-
3,594	28,283	5,041	-	-
3,663	28,560	5,138	-	-
3,735	28,967	5,244	-	-
3,851	29,154	5,364	-	-
3,909	29,315	5,447	-	18,578
3,908	29,562	5,441	-	22,493
3,887	29,542	5,427	5,901	25,832
3,876	29,451	5,366	13,573	26,770
3,779	29,377	5,303	13,489	27,465
3,800	29,134	5,308	13,759	28,225
3,823	29,229	5,338	14,747	29,425
3,841	29,303	5,360	15,843	30,560
3,853	29,341	5,373	15,050	31,672
3,853	29,362	5,374	16,325	31,777
3,847	29,367	5,365	15,641	32,973
3,840	29,345	5,357	14,700	35,123
3,835	29,323	5,349	14,675	37,967
3,830	29,309	5,347	16,025	38,897
3,836	29,302	5,352	14,295	42,322
3,840	29,320	5,357	14,283	43,775
3,842	29,330	-	14,283	43,775

New Gas Plant	New Gas Plant	New Gas Plant	New Gas Plant	Plant O&M	
-	-	-	-	105,005	2018
-	-	-	-	102,048	2019
-	-	-	-	110,260	2020
-	-	-	-	109,258	2021
-	-	-	-	118,154	2022
-	-	-	-	121,391	2023
-	-	-	-	119,695	2024
-	-	-	-	128,446	2025
-	-	-	-	123,133	2026
-	-	-	-	117,994	2027
-	-	-	-	117,757	2028
-	-	-	-	115,378	2029
-	-	-	-	120,876	2030
15,152	-	-	-	151,490	2031
18,741	-	-	-	164,233	2032
20,913	-	-	-	174,143	2033
21,591	-	-	-	179,507	2034
22,596	-	-	-	184,844	2035
23,156	-	-	-	181,822	2036
23,964	-	-	-	189,955	2037
25,898	-	-	-	192,892	2038
26,334	-	-	-	190,101	2039
26,283	-	-	-	195,933	2040
27,767	9,527	-	-	203,470	2041
30,002	24,443	-	-	226,509	2042
32,023	26,006	-	-	231,315	2043
33,293	27,141	-	-	232,216	2044
41,225	35,382	25,208	20,850	300,578	2045
43,615	37,572	30,557	24,977	312,181	2046
43,615	37,572	30,557	24,977	253,287	2047

Depreciation Tables				
Northside 1	Northside 2	Northside 3	Northside CT	Kennedy CT
12,106,816	13,723,490	12,351,817	-	7,130,075
12,106,816	13,723,490	12,351,817	-	7,130,075
12,106,816	13,723,490	12,351,817	-	7,130,075
12,747,920	14,265,461	7,943,723	-	7,274,180
12,747,920	14,265,461	7,943,723	-	7,274,180
12,747,920	14,265,461	7,943,723	-	7,274,180
12,747,920	14,265,461	7,943,723	-	7,274,180
12,747,920	14,265,461	7,943,723	-	7,274,180
7,310,251	8,134,876	6,826,861	-	6,001,298
7,310,251	8,134,876	6,826,861	-	6,001,298
7,310,251	8,134,876	6,826,861	-	6,001,298
7,310,251	8,134,876	6,826,861	-	6,001,298
7,310,251	8,134,876	6,826,861	-	6,001,298
413,886	1,029,117	1,241,612	-	764,881
413,886	1,029,117	1,241,612	-	764,881
413,886	1,029,117	1,241,612	-	764,881
413,886	1,029,117	1,241,612	-	764,881
413,886	1,029,117	1,241,612	-	764,881
413,886	1,029,117	1,241,612	-	764,881
413,886	1,029,117	1,241,612	-	764,881
413,886	1,029,117	1,241,612	-	764,881
413,886	1,029,117	1,241,612	-	764,881
413,886	1,029,117	1,241,612	-	764,881
1,497	31,819	-	-	126,355
1,497	31,819	-	-	126,355
1,497	31,819	-	-	126,355
1,497	31,819	-	-	126,355
1,497	31,819	-	-	126,355
1,497	31,819	-	-	126,355
1,497	31,819	-	-	126,355

SJRPP 1	SJRPP 2	Scherer	Brandy Branch	Brandy Branch
15,206,269	**12,678,038**	8,405,060	12,526,850	8,876,086
-	-	8,405,060	12,526,850	8,876,086
-	-	8,405,060	12,526,850	8,876,086
-	-	8,405,060	9,665,213	8,818,599
-	-	8,405,060	9,665,213	8,818,599
-	-	8,405,060	9,665,213	8,818,599
-	-	8,405,060	9,665,213	8,818,599
-	-	8,405,060	9,665,213	8,818,599
-	-	8,405,060	2,569,953	8,330,993
-	-	8,405,060	2,569,953	8,330,993
-	-	8,405,060	2,569,953	8,330,993
-	-	8,405,060	2,569,953	8,330,993
-	-	8,405,060	2,569,953	8,330,993
-	-	8,405,060	206,409	2,406,094
-	-	8,405,060	206,409	2,406,094
-	-	8,405,060	206,409	2,406,094
-	-	8,405,060	206,409	2,406,094
-	-	-	206,409	2,406,094
-	-	-	206,409	2,406,094
-	-	-	206,409	2,406,094
-	-	-	206,409	2,406,094
-	-	-	206,409	2,406,094
-	-	-	206,409	2,406,094
-	-	-	39,788	-
-	-	-	39,788	-
-	-	-	39,788	-
-	-	-	39,788	-
-	-	-	39,788	-
-	-	-	39,788	-
-	-	-	39,788	-

Greenland Ene			2046	2046
		Other O&M	Northside 1	Northside 2
10,202,125	2018	(93,062)	19,815	19,783
10,202,125	2019	(93,817)	20,418	20,492
10,202,125	2020	(97,594)	21,096	21,161
9,894,783	2021	(100,558)	21,441	21,460
9,894,783	2022	(104,699)	21,744	22,023
9,894,783	2023	(109,448)	22,438	22,514
9,894,783	2024	(111,464)	23,290	23,270
9,894,783	2025	(115,780)	23,835	23,816
9,894,783	2026	(114,433)	24,434	24,446
9,894,783	2027	(104,539)	22,057	22,107
9,894,783	2028	(105,815)	22,306	22,365
9,894,783	2029	(107,148)	22,516	22,574
9,894,783	2030	(108,209)	22,673	22,731
4,598,675	2031	(109,059)	22,810	22,872
4,598,675	2032	(109,544)	22,929	22,966
4,598,675	2033	(109,555)	22,983	23,016
4,598,675	2034	(109,342)	22,949	22,988
4,598,675	2035	(108,627)	22,851	22,896
4,598,675	2036	(107,982)	22,675	22,724
4,598,675	2037	(108,365)	22,744	22,792
4,598,675	2038	(108,648)	22,792	22,840
4,598,675	2039	(108,815)	22,823	22,869
4,598,675	2040	(108,882)	22,840	22,885
-	2041	(108,862)	22,843	22,886
-	2042	(108,786)	22,833	22,878
-	2043	(108,701)	22,817	22,862
-	2044	(108,630)	22,802	22,848
-	2045	(108,630)	22,796	22,843
-	2046	(108,702)	-	-
-	2047	(45,054)	-	-

2031	2046	2046	2019	2019
Northside 3	Northside CT	Kennedy CT	SJRPP 1	SJRPP 2
11,021	1,248	8,248	3,125	3,125
11,244	1,280	8,291	-	-
11,641	1,315	8,243	-	-
11,820	1,344	8,844	-	-
12,283	1,378	10,767	-	-
12,510	1,412	11,169	-	-
12,934	1,452	10,190	-	-
13,129	1,484	12,723	-	-
13,472	1,521	10,147	-	-
12,228	1,382	9,847	-	-
12,362	1,396	10,025	-	-
12,487	1,409	10,217	-	-
12,581	1,420	10,437	-	-
-	1,428	10,613	-	-
-	1,434	10,596	-	-
-	1,436	10,533	-	-
-	1,434	10,571	-	-
-	1,429	10,332	-	-
-	1,419	10,352	-	-
-	1,423	10,408	-	-
-	1,426	10,451	-	-
-	1,428	10,477	-	-
-	1,429	10,482	-	-
-	1,429	10,467	-	-
-	1,428	10,453	-	-
-	1,427	10,444	-	-
-	1,426	10,429	-	-
-	1,426	10,440	-	-
-	-	-	-	-
-	-	-	-	-

2046	2046	2046	2046	-
Scherer	randy Branch C	randy Branch C	reenland Energ	EC Conversio
11,943	2,978	25,795	4,174	-
8,231	3,014	24,899	4,179	-
12,666	2,691	27,280	4,167	-
8,700	3,324	27,708	4,617	-
13,455	3,916	27,088	5,500	-
11,943	4,096	29,745	5,564	-
8,231	3,994	30,358	5,976	-
12,666	4,741	30,114	5,938	-
8,700	3,593	31,563	5,257	-
13,455	3,594	28,283	5,041	-
11,943	3,663	28,560	5,138	-
8,231	3,735	28,967	5,244	-
12,666	3,851	29,154	5,364	-
8,700	3,909	29,315	5,447	-
13,455	3,908	29,562	5,441	-
11,943	3,887	29,542	5,427	-
8,231	3,876	29,451	5,366	-
12,666	3,779	29,377	5,303	-
8,700	3,800	29,134	5,308	-
13,455	3,823	29,229	5,338	-
11,943	3,841	29,303	5,360	-
8,231	3,853	29,341	5,373	-
12,666	3,853	29,362	5,374	-
8,700	3,847	29,367	5,365	-
13,455	3,840	29,345	5,357	-
11,943	3,835	29,323	5,349	-
8,231	3,830	29,309	5,347	-
12,666	3,836	29,302	5,352	-
-	-	-	-	-
-	-	-	-	-

-	-	-	-	-	
New Gas Plant	New Gas Plant	New Gas Plant	New Gas Plant	New Gas Plant	Total
-	-	-	-	-	18,193
-	-	-	-	-	8,231
-	-	-	-	-	12,666
-	-	-	-	-	8,700
-	-	-	-	-	13,455
-	-	-	-	-	11,943
-	-	-	-	-	8,231
-	-	-	-	-	12,666
-	-	-	-	-	8,700
-	-	-	-	-	13,455
-	-	-	-	-	11,943
-	-	-	-	-	8,231
-	-	-	-	-	12,666
-	-	-	-	-	(3,965)
-	-	-	-	-	747
-	-	-	-	-	(787)
-	-	-	-	-	(4,476)
-	-	-	-	-	7
-	-	-	-	-	(3,870)
-	-	-	-	-	847
-	-	-	-	-	(692)
-	-	-	-	-	(4,421)
-	-	-	-	-	7
-	-	-	-	-	(3,958)
-	-	-	-	-	802
-	-	-	-	-	(702)
-	-	-	-	-	(4,407)
-	-	-	-	-	31
-	-	-	-	-	(108,702)
-	-	-	-	-	(45,054)

Total minus SJRPP/Scherer
-
-
-
-
-
-
-
-
-
0
-
(0)
(0)
(12,665)
(12,708)
(12,729)
(12,707)
(12,660)
(12,570)
(12,608)
(12,635)
(12,651)
(12,659)
(12,658)
(12,653)
(12,644)
(12,638)
(12,635)
(108,702)
(45,054)

	Plant Book Valu
	Northside 1
2018	128,657,103
2019	116,550,287
2020	104,443,471
2021	91,695,551
2022	78,947,632
2023	66,199,712
2024	53,451,793
2025	40,703,873
2026	33,393,622
2027	26,083,371
2028	18,773,120
2029	11,462,869
2030	4,152,618
2031	3,738,732
2032	3,324,846
2033	2,910,960
2034	2,497,074
2035	2,083,188
2036	1,669,301
2037	1,255,415
2038	841,529
2039	427,643
2040	13,757
2041	12,260
2042	10,762
2043	9,265
2044	7,768
2045	6,271
2046	4,774
2047	3,276

es				
Northside 2	Northside 3	Northside CT	Kennedy CT	SJRPP 1
150,026,508	110,972,678	-	89,423,549	364,950,462
136,303,018	98,620,861	-	82,293,475	364,950,462
122,579,527	86,269,044	-	75,163,400	364,950,462
108,314,066	78,325,321	-	67,889,220	364,950,461.54
94,048,604	70,381,598	-	60,615,039	364,950,461.54
79,783,143	62,437,876	-	53,340,859	364,950,462
65,517,681	54,494,153	-	46,066,679	364,950,462
51,252,220	46,550,430	-	38,792,499	364,950,462
43,117,344	39,723,568	-	32,791,200	364,950,462
34,982,469	32,896,707	-	26,789,902	364,950,462
26,847,593	26,069,846	-	20,788,604	364,950,462
18,712,718	19,242,984	-	14,787,306	364,950,462
10,577,842	12,416,123	-	8,786,007	364,950,462
9,548,725	11,174,510	-	8,021,126	364,950,462
8,519,607	9,932,898	-	7,256,245	364,950,462
7,490,490	8,691,286	-	6,491,364	364,950,462
6,461,372	7,449,674	-	5,726,482	364,950,462
5,432,255	6,208,061	-	4,961,601	364,950,462
4,403,138	4,966,449	-	4,196,720	364,950,462
3,374,020	3,724,837	-	3,431,839	364,950,462
2,344,903	2,483,225	-	2,666,957	364,950,462
1,315,785	1,241,612	-	1,902,076	364,950,462
286,668	-	-	1,137,195	364,950,462
254,848	-	-	1,010,840	364,950,462
223,029	-	-	884,485	364,950,462
191,209	-	-	758,130	364,950,462
159,390	-	-	631,775	364,950,462
127,570	-	-	505,420	364,950,462
95,751	-	-	379,065	364,950,462
63,931	-	-	252,710	364,950,462

SJRPP 2	Scherer	Brandy Branch CT	Brandy Branch CC
304,272,923	134,480,952	111,840,124	92,302,478
304,272,923	126,075,893	99,313,274	83,426,393
304,272,923	117,670,833	86,786,424	74,550,307
304,272,923	109,265,774	77,121,211	65,731,708
304,272,923	100,860,714	67,455,998	56,913,109
304,272,923	92,455,655	57,790,786	48,094,509
304,272,923	84,050,595	48,125,573	39,275,910
304,272,923	75,645,536	38,460,360	30,457,311
304,272,923	67,240,476	35,890,407	22,126,317
304,272,923	58,835,417	33,320,454	13,795,324
304,272,923	50,430,357	30,750,501	5,464,331
304,272,923	42,025,298	28,180,548	(2,866,663)
304,272,923	33,620,238	25,610,595	(11,197,656)
304,272,923	25,215,179	25,404,186	(13,603,751)
304,272,923	16,810,119	25,197,777	(16,009,845)
304,272,923	8,405,060	24,991,368	(18,415,940)
304,272,923	-	24,784,959	(20,822,034)
304,272,923	-	24,578,550	(23,228,129)
304,272,923	-	24,372,141	(25,634,223)
304,272,923	-	24,165,732	(28,040,318)
304,272,923	-	23,959,323	(30,446,412)
304,272,923	-	23,752,914	(32,852,507)
304,272,923	-	23,546,505	(35,258,601)
304,272,923	-	23,506,716	(35,258,601)
304,272,923	-	23,466,928	(35,258,601)
304,272,923	-	23,427,140	(35,258,601)
304,272,923	-	23,387,351	(35,258,601)
304,272,923	-	23,347,563	(35,258,601)
304,272,923	-	23,307,775	(35,258,601)
304,272,923	-	23,267,987	(35,258,601)

Greenland Energy
165,338,829
155,136,704
144,934,578
135,039,795
125,145,012
115,250,229
105,355,445
95,460,662
85,565,879
75,671,096
65,776,312
55,881,529
45,986,746
41,388,071
36,789,397
32,190,722
27,592,048
22,993,373
18,394,698
13,796,024
9,197,349
4,598,675
-
-
-
-
-
-
-
-

	PPE Adjustments	
	2046	2046
	Northside 1	Northside 2
2018	-	-
2019	-	-
2020	-	-
2021	-	-
2022	-	-
2023	-	-
2024	-	-
2025	-	-
2026	-	-
2027	-	-
2028	-	-
2029	-	-
2030	-	-
2031	-	-
2032	-	-
2033	-	-
2034	-	-
2035	-	-
2036	-	-
2037	-	-
2038	-	-
2039	-	-
2040	-	-
2041	-	-
2042	-	-
2043	-	-
2044	-	-
2045	-	-
2046	(295,835,411)	(305,186,388)
2047	-	-

2031	2046	2046	2019	2019
Northside 3	Northside CT	Kennedy CT	SJRPP 1	SJRPP 2
-	-	-	-	-
-	-	-	(789,849,000)	(724,115,000)
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
(514,171,139)	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	(158,610,028)	-	-
-	-	-	-	-

2046	2046	2046	2046
Scherer	Brandy Branch CT	Brandy Branch CC	Greenland Energy
-	-	-	-
-	-	-	-
-	-	-	-

Total PPE Adj	Total PPE Adj less PP
-	-
(1,513,964,000)	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
(514,171,139)	(514,171,139)
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
(1,892,899,505)	(1,892,899,505)
-	-

	Plant Accumulated Depreciati	
	Northside 1	Northside 2
2018	167,178,308	155,159,880
2019	179,285,124	168,883,371
2020	191,391,940	182,606,861
2021	204,139,859	196,872,322
2022	216,887,779	211,137,784
2023	229,635,698	225,403,245
2024	242,383,618	239,668,707
2025	255,131,538	253,934,168
2026	262,441,788	262,069,044
2027	269,752,039	270,203,919
2028	277,062,290	278,338,795
2029	284,372,541	286,473,670
2030	291,682,792	294,608,546
2031	292,096,678	295,637,663
2032	292,510,565	296,666,781
2033	292,924,451	297,695,898
2034	293,338,337	298,725,016
2035	293,752,223	299,754,133
2036	294,166,109	300,783,251
2037	294,579,995	301,812,368
2038	294,993,882	302,841,486
2039	295,407,768	303,870,603
2040	295,821,654	304,899,721
2041	295,823,151	304,931,540
2042	295,824,648	304,963,359
2043	295,826,145	304,995,179
2044	295,827,643	305,026,998
2045	295,829,140	305,058,818
2046	295,830,637	305,090,637
2047	295,832,134	305,122,457

on				
Northside 3	Northside CT	Kennedy CT	SJRPP 1	SJRPP 2
403,198,461	-	69,186,479	424,898,538	419,842,077
415,550,278	-	76,316,554	424,898,538	419,842,077
427,902,095	-	83,446,628	424,898,538	419,842,077
435,845,818	-	90,720,809	424,898,538	419,842,077
443,789,541	-	97,994,989	424,898,538	419,842,077
451,733,263	-	105,269,169	424,898,538	419,842,077
459,676,986	-	112,543,349	424,898,538	419,842,077
467,620,709	-	119,817,530	424,898,538	419,842,077
474,447,570	-	125,818,828	424,898,538	419,842,077
481,274,432	-	131,820,126	424,898,538	419,842,077
488,101,293	-	137,821,424	424,898,538	419,842,077
494,928,155	-	143,822,723	424,898,538	419,842,077
501,755,016	-	149,824,021	424,898,538	419,842,077
502,996,629	-	150,588,902	424,898,538	419,842,077
504,238,241	-	151,353,784	424,898,538	419,842,077
505,479,853	-	152,118,665	424,898,538	419,842,077
506,721,465	-	152,883,546	424,898,538	419,842,077
507,963,078	-	153,648,427	424,898,538	419,842,077
509,204,690	-	154,413,308	424,898,538	419,842,077
510,446,302	-	155,178,190	424,898,538	419,842,077
511,687,914	-	155,943,071	424,898,538	419,842,077
512,929,527	-	156,707,952	424,898,538	419,842,077
514,171,139	-	157,472,833	424,898,538	419,842,077
514,171,139	-	157,599,188	424,898,538	419,842,077
514,171,139	-	157,725,543	424,898,538	419,842,077
514,171,139	-	157,851,898	424,898,538	419,842,077
514,171,139	-	157,978,253	424,898,538	419,842,077
514,171,139	-	158,104,608	424,898,538	419,842,077
514,171,139	-	158,230,963	424,898,538	419,842,077
514,171,139	-	158,357,318	424,898,538	419,842,077

Scherer	Brandy Branch CT	Brandy Branch CC	Greenland Energy
155,693,405	195,456,875	209,723,902	68,431,111
164,098,465	207,983,725	218,599,988	78,633,236
172,503,524	220,510,575	227,476,073	88,835,362
180,908,584	230,175,788	236,294,673	98,730,145
189,313,643	239,841,001	245,113,272	108,624,928
197,718,703	249,506,213	253,931,871	118,519,711
206,123,762	259,171,426	262,750,470	128,414,495
214,528,822	268,836,639	271,569,069	138,309,278
222,933,881	271,406,592	279,900,063	148,204,061
231,338,941	273,976,545	288,231,056	158,098,844
239,744,000	276,546,498	296,562,050	167,993,628
248,149,060	279,116,451	304,893,043	177,888,411
256,554,120	281,686,405	313,224,037	187,783,194
264,959,179	281,892,814	315,630,131	192,381,869
273,364,239	282,099,223	318,036,226	196,980,543
281,769,298	282,305,632	320,442,320	201,579,218
290,174,358	282,512,041	322,848,415	206,177,893
290,174,358	282,718,450	325,254,509	210,776,567
290,174,358	282,924,859	327,660,604	215,375,242
290,174,358	283,131,268	330,066,698	219,973,916
290,174,358	283,337,677	332,472,793	224,572,591
290,174,358	283,544,086	334,878,887	229,171,266
290,174,358	283,750,495	337,284,982	233,769,940
290,174,358	283,790,283	337,284,982	233,769,940
290,174,358	283,830,071	337,284,982	233,769,940
290,174,358	283,869,859	337,284,982	233,769,940
290,174,358	283,909,648	337,284,982	233,769,940
290,174,358	283,949,436	337,284,982	233,769,940
290,174,358	283,989,224	337,284,982	233,769,940
290,174,358	284,029,013	337,284,982	233,769,940

	Accumulated Depreciation Adjustments				
	2046	2046	2031	2046	2046
	Northside 1	Northside 2	Northside 3	Northside CT	Kennedy CT
2018	-	-	-	-	-
2019	-	-	-	-	-
2020	-	-	-	-	-
2021	-	-	-	-	-
2022	-	-	-	-	-
2023	-	-	-	-	-
2024	-	-	-	-	-
2025	-	-	-	-	-
2026	-	-	-	-	-
2027	-	-	-	-	-
2028	-	-	-	-	-
2029	-	-	-	-	-
2030	-	-	-	-	-
2031	-	-	502,996,629	-	-
2032	-	-	-	-	-
2033	-	-	-	-	-
2034	-	-	-	-	-
2035	-	-	-	-	-
2036	-	-	-	-	-
2037	-	-	-	-	-
2038	-	-	-	-	-
2039	-	-	-	-	-
2040	-	-	-	-	-
2041	-	-	-	-	-
2042	-	-	-	-	-
2043	-	-	-	-	-
2044	-	-	-	-	-
2045	-	-	-	-	-
2046	295,830,637	305,090,637	-	-	158,230,963
2047	-	-	-	-	-

2019	2019	2046	2046	2046
SJRPP 1	SJRPP 2	Scherer	Brandy Branch CT	Brandy Branch CC
-	-	-	-	-
424,898,538	419,842,077	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	290,174,358	283,989,224	337,284,982
-	-	-	-	-

2046				Gain or (Loss) 2046
Greenland Energy	Total Adj	Total Adj less PP		Northside 1
-	-	-	2018	-
-	844,740,615	-	2019	-
-	-	-	2020	-
-	-	-	2021	-
-	-	-	2022	-
-	-	-	2023	-
-	-	-	2024	-
-	-	-	2025	-
-	-	-	2026	-
-	-	-	2027	-
-	-	-	2028	-
-	-	-	2029	-
-	-	-	2030	-
-	502,996,629	502,996,629	2031	-
-	-	-	2032	-
-	-	-	2033	-
-	-	-	2034	-
-	-	-	2035	-
-	-	-	2036	-
-	-	-	2037	-
-	-	-	2038	-
-	-	-	2039	-
-	-	-	2040	-
-	-	-	2041	-
-	-	-	2042	-
-	-	-	2043	-
-	-	-	2044	-
-	-	-	2045	-
233,769,940	1,904,370,741	1,904,370,741	2046	(4,774)
-	-	-	2047	-

on Sale of Assets					
2046	2031	2046	2046	2019	2019
Northside 2	Northside 3	Northside CT	Kennedy CT	SJRPP 1	SJRPP 2
-	-	-	-	-	-
-	-	-	-	(364,950,462)	(304,272,923)
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	(11,174,510)	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
(95,751)	-	-	(379,065)	-	-
-	-	-	-	-	-

2046	2046	2046	2046	
Scherer	Brandy Branch CT	Brandy Branch CC	Greenland Energy	Total Gain/(Loss)
-	-	-	-	-
-	-	-	-	(669,223,385)
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	(11,174,510)
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	(23,307,775)	35,258,601	-	11,471,237
-	-	-	-	-

Total Gain/(Loss) less PP		Proceeds from Sale of Assets		
		2046	2046	2031
		Northside 1	Northside 2	Northside 3
-	2018	-	-	-
-	2019	-	-	-
-	2020	-	-	-
-	2021	-	-	-
-	2022	-	-	-
-	2023	-	-	-
-	2024	-	-	-
-	2025	-	-	-
-	2026	-	-	-
-	2027	-	-	-
-	2028	-	-	-
-	2029	-	-	-
-	2030	-	-	-
(11,174,510)	2031	-	-	-
-	2032	-	-	-
-	2033	-	-	-
-	2034	-	-	-
-	2035	-	-	-
-	2036	-	-	-
-	2037	-	-	-
-	2038	-	-	-
-	2039	-	-	-
-	2040	-	-	-
-	2041	-	-	-
-	2042	-	-	-
-	2043	-	-	-
-	2044	-	-	-
-	2045	-	-	-
11,471,237	2046	-	-	-
-	2047	-	-	-

2046	2046	2019	2019	2046	2046
Northside CT	Kennedy CT	SJRPP 1	SJRPP 2	Scherer	Brandy Branch CT
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

2046	2046	
Brandy Branch CC	Greenland Energy	Total
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Dashboard

MODEL IS BASED ON PSC SYSTEM CAPACITY PLANNING ASSUMPTIONS
*** ASSUMPTIONS AND FORECAST DO NOT REPRESENT A MANAGEMENT CASE FORECAST FOR FINANCIAL PURPOSES ***

Reports Prepared on

Confidential
May 14, 2018

	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
MWH Sold - Territorial	12,050,132	12,390,324	12,628,266	12,736,367	12,816,532	12,924,755	13,044,067	13,158,545	13,267,347	13,374,469	13,481,921	13,590,288
Base Rate Changes	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	3.8%	3.8%	0.0%	0.0%
Net Revenue Requirements	$751,445,528	$771,581,691	$786,383,689	$793,108,550	$798,095,465	$804,827,868	$812,250,103	$819,371,632	$856,786,928	$895,751,109	$902,941,239	$910,192,621
Fuel Rates	$32.50	$32.50	$32.50	$32.50	$32.50	$32.50	$32.50	$32.50	$32.50	$36.00	$36.00	$36.00
Fuel Expense (Budget Basis)	$442,353,257	$440,308,876	$405,246,267	$395,281,987	$403,698,216	$402,077,488	$424,238,973	$436,125,035	$447,989,936	$462,842,297	$475,375,867	$488,115,696
Fuel Fund	$131,715,864	$88,398,393	$87,631,316	$100,296,159	$107,116,247	$119,028,589	$112,594,599	$97,934,401	$74,886,837	$86,612,391	$89,609,268	$83,703,471
Fund% of Fuel Expense	*30%*	*20%*	*22%*	*25%*	*27%*	*30%*	*27%*	*22%*	*17%*	*19%*	*19%*	*17%*
Fuel Fund Target	*$95,000,000*	*$95,000,000*	*$95,000,000*	*$95,000,000*	*$95,000,000*	*$95,000,000*	*$95,000,000*	*$95,000,000*	*$95,000,000*	*$95,000,000*	*$95,000,000*	*$95,000,000*
Modified Days of Cash	234	381	463	585	687	683	696	749	784	831	884	938
Modified Days of Liquidity	337	516	602	723	823	808	809	859	891	934	984	1036
New Debt		$0	$0	$0	$0	$42,846,286	$53,618,652	$53,408,911	$60,993,854	$53,624,235	$58,754,233	$58,631,525
Early Debt Retirement/Principal Defeasance		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Capital Spending	$134,781,952	$190,354,526	$312,865,100	$264,170,746	$284,904,000	$357,844,000	$245,088,000	$225,000,000	$225,000,000	$225,000,000	$225,000,000	$225,000,000
Capital Fund	$201,368,000	$352,529,296	$470,861,770	$697,098,375	$914,010,244	$1,009,317,494	$1,173,802,468	$1,343,068,026	$1,507,651,377	$1,681,048,215	$1,854,686,582	$2,035,774,443
5% of Previous Yr Operating Revenues		*$64,979,541*	*$62,754,766*	*$62,970,125*	*$64,060,543*	*$65,025,737*	*$64,742,404*	*$65,798,901*	*$66,801,540*	*$69,372,453*	*$72,290,629*	*$73,311,714*
Debt Service Coverage	2.53	3.28	3.64	5.32	5.58	5.27	5.24	4.74	4.15	3.93	3.84	3.94
Fixed Charge Coverage	1.80	2.56	2.72	3.59	3.56	2.86	2.51	2.38	2.27	2.24	2.21	2.24
Debt to Assets Ratio (Total Enterprise)	62.77%	70.97%	64.71%	61.30%	58.04%	53.75%	53.08%	52.96%	52.33%	50.99%	49.55%	48.53%

Residential Bill Impact	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
Residential Rates												
Energy	$0.06988	$0.06988	$0.06988	$0.06988	$0.06988	$0.06988	$0.06988	$0.07250	$0.07522	$0.07522	$0.07522	$0.07997
Fuel	$0.03250	$0.03250	$0.03250	$0.03250	$0.03250	$0.03250	$0.03250	$0.03250	$0.03600	$0.03600	$0.03600	$0.03975
Environmental	$0.00062	$0.00062	$0.00062	$0.00062	$0.00062	$0.00062	$0.00062	$0.00062	$0.00062	$0.00062	$0.00062	$0.00062
Residential kWh	*1,000*	*1,000*	*1,000*	*1,000*	*1,000*	*1,000*	*1,000*	*1,000*	*1,000*	*1,000*	*1,000*	*1,000*
Basic Monthly Charge	$5.50	$5.50	$5.50	$5.50	$5.50	$5.50	$5.50	$5.50	$5.50	$5.50	$5.50	$5.50
Energy Charge	$69.88	$69.88	$69.88	$69.88	$69.88	$69.88	$69.88	$72.50	$75.22	$75.22	$75.22	$79.97
Fuel Charge	$32.50	$32.50	$32.50	$32.50	$32.50	$32.50	$32.50	$32.50	$36.00	$36.00	$36.00	$39.75
Environmental Charge	$0.62	$0.62	$0.62	$0.62	$0.62	$0.62	$0.62	$0.62	$0.62	$0.62	$0.62	$0.62
Residential Bill Before Taxes	**$108.50**	**$108.50**	**$108.50**	**$108.50**	**$108.50**	**$108.50**	**$108.50**	**$111.12**	**$117.34**	**$117.34**	**$117.34**	**$125.84**
	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	
Franchise Fee	$3.26	$3.26	$3.26	$3.26	$3.26	$3.26	$3.26	$3.33	$3.52	$3.52	$3.52	$3.78
Gross Receipts Tax	$2.87	$2.87	$2.87	$2.87	$2.87	$2.87	$2.87	$2.93	$3.10	$3.10	$3.10	$3.32
Public Service Tax	$8.72	$8.72	$8.72	$8.72	$8.72	$8.72	$8.72	$9.00	$9.31	$9.31	$9.31	$9.83
Residential Bill After Taxes	**$123.34**	**$123.34**	**$123.34**	**$123.34**	**$123.34**	**$123.34**	**$123.34**	**$126.39**	**$133.27**	**$133.27**	**$133.27**	**$142.77**
											Total Bill CAGR	**1.47%**

JEA
Electric System and Bulk Power Supply System
Statement of Net Position
(in thousands)

MODEL IS BASED ON PSC SYSTEM CAPACITY PLANNING ASSUMPTIONS
*** ASSUMPTIONS AND FORECAST DO NOT REPRESENT A MANAGEMENT CASE FORECAST FOR FINANCIAL PURPOSES ***

Confidential
Reports Prepared on **May 14, 2018**

	Actual 2017	Projection 2018	Projection 2019	Projection 2020	Projection 2021	Projection 2022	Projection 2023	Projection 2024	Projection 2025	Projection 2026	Projection 2027	Projection 2028
ASSETS AND DEFERRED OUTFLOWS OF RESOURCES												
Current assets												
Cash and cash equivalents												
Operations	$ 54,800	$ 42,630	$ 42,630	$ 42,630	$ 42,630	$ 42,630	$ 42,630	$ 42,630	$ 42,630	$ 42,630	$ 42,630	$ 42,630
Debt management strategy stabilization fund	$ 29,884	$ 29,884	$ 29,884	$ 29,884	$ 29,884	$ 29,884	$ 29,884	$ 29,884	$ 29,884	$ 29,884	$ 29,884	$ 29,884
Self insurance reserve funds	$ 19,214	$ 19,214	$ 19,214	$ 19,214	$ 19,214	$ 19,214	$ 19,214	$ 19,214	$ 19,214	$ 19,214	$ 19,214	$ 19,214
Fuel Stabilization Fund	$ 131,716	$ 88,398	$ 87,631	$ 100,296	$ 107,116	$ 119,029	$ 112,595	$ 97,934	$ 74,887	$ 86,612	$ 89,609	$ 83,703
Non-Fuel Purchase Power Stabilization Fund	$ 25,189	$ 53,445	$ 56,747	$ 36,747	$ 12,553	$ 1,021	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Environmental Stabilization Fund	$ 36,417	$ 42,793	$ 49,212	$ 54,391	$ 58,300	$ 60,928	$ 62,255	$ 62,255	$ 62,321	$ 62,453	$ 62,650	$ 62,913
Environmental Liability Reserve	$ 17,672	$ 17,672	$ 17,672	$ 17,672	$ 17,672	$ 17,672	$ 17,672	$ 17,672	$ 17,672	$ 17,672	$ 17,672	$ 17,672
DSM Conservation Fund	$ 3,695	$ 4,141	$ 4,680	$ 5,274	$ 5,908	$ 6,596	$ 7,344	$ 8,148	$ 9,008	$ 9,921	$ 10,887	$ 11,908
Customer deposits	$ 42,105	$ 42,105	$ 42,105	$ 42,105	$ 42,105	$ 42,105	$ 42,105	$ 42,105	$ 42,105	$ 42,105	$ 42,105	$ 42,105
Total unrestricted cash and investments	**$ 360,692**	**$ 340,281**	**$ 349,775**	**$ 348,213**	**$ 335,382**	**$ 339,078**	**$ 333,698**	**$ 319,842**	**$ 297,720**	**$ 310,490**	**$ 314,651**	**$ 310,029**
Customer accounts receivable, less allowance for doubtful accounts	$ 170,673	$ 164,829	$ 165,395	$ 168,259	$ 170,794	$ 170,050	$ 172,825	$ 175,459	$ 182,211	$ 189,876	$ 192,558	$ 195,276
Miscellaneous accounts receivable	$ 55,072	$ 55,072	$ 55,072	$ 55,072	$ 55,072	$ 55,072	$ 55,072	$ 55,072	$ 55,072	$ 55,072	$ 55,072	$ 55,072
Interest receivable	$ 1,065	$ 706	$ 713	$ 720	$ 727	$ 735	$ 742	$ 749	$ 757	$ 765	$ 772	$ 780
Inventories, less reserve	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Fuel inventory - Electric System	$ 33,138	$ 32,685	$ 30,161	$ 29,411	$ 30,026	$ 29,901	$ 31,544	$ 32,428	$ 33,308	$ 34,409	$ 35,341	$ 36,287
Fuel inventory - Plant Scherer	$ 4,906	$ 3,728	$ 3,757	$ 3,697	$ 3,837	$ 3,890	$ 4,007	$ 4,125	$ 4,242	$ 4,391	$ 4,515	$ 4,641
Materials and supplies - Electric System	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Materials and supplies - Plant Scherer	$ 2,136	$ 2,136	$ 2,136	$ 2,136	$ 2,136	$ 2,136	$ 2,136	$ 2,136	$ 2,136	$ 2,136	$ 2,136	$ 2,136
Total current assets	**$ 627,682**	**$ 599,437**	**$ 607,009**	**$ 607,510**	**$ 597,975**	**$ 600,861**	**$ 600,024**	**$ 589,811**	**$ 575,446**	**$ 597,139**	**$ 605,045**	**$ 604,221**
Noncurrent assets												
Restricted assets												
Cash and cash equivalents	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Debt Service Reserve Fund	$ 65,433	$ 52,833	$ 50,943	$ 48,573	$ 47,142	$ 45,755	$ 44,123	$ 42,847	$ 41,568	$ 40,167	$ 38,479	$ 34,966
Debt Service Fund	$ 174,529	$ 192,332	$ 166,037	$ 109,372	$ 106,881	$ 105,034	$ 97,104	$ 107,685	$ 131,650	$ 147,565	$ 151,430	$ 149,678
Accounts and interest receivable	$ 20	$ 20	$ 20	$ 20	$ 20	$ 20	$ 20	$ 20	$ 20	$ 20	$ 20	$ 20
Internal Capital Fund	$ 201,368	$ 352,529	$ 470,862	$ 697,098	$ 914,010	$ 1,009,317	$ 1,173,802	$ 1,343,068	$ 1,507,651	$ 1,681,048	$ 1,854,687	$ 2,035,774
Construction Funds	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Unrealized Gain/(Loss) on Investments	$ 750	$ 750	$ 750	$ 750	$ 750	$ 750	$ 750	$ 750	$ 750	$ 750	$ 750	$ 750
Total restricted assets	**$ 442,100**	**$ 598,464**	**$ 688,612**	**$ 855,813**	**$ 1,068,803**	**$ 1,160,876**	**$ 1,315,799**	**$ 1,494,370**	**$ 1,681,639**	**$ 1,869,550**	**$ 2,045,366**	**$ 2,221,189**
BOND ISSUE COSTS	$ 1,795	$ 1,795	$ 1,795	$ 1,795	$ 1,795	$ 1,795	$ 1,795	$ 1,795	$ 1,795	$ 1,795	$ 1,795	$ 1,795
COST TO BE RECOVERED - PENSION	$ 239,078	$ 239,078	$ 239,078	$ 239,078	$ 239,078	$ 239,078	$ 239,078	$ 239,078	$ 239,078	$ 239,078	$ 239,078	$ 239,078
SCHERER BIC 2014A	$ 585	$ 585	$ 585	$ 585	$ 585	$ 585	$ 585	$ 585	$ 585	$ 585	$ 585	$ 585
SCHERER BIC 2010A SERIES	$ 269	$ 269	$ 269	$ 269	$ 269	$ 269	$ 269	$ 269	$ 269	$ 269	$ 269	$ 269
COST TO BE RECOVERED FROM FUTURE REVENUES - NEW	$ 10,832	$ 10,832	$ 10,832	$ 10,832	$ 10,832	$ 10,832	$ 10,832	$ 10,832	$ 10,832	$ 10,832	$ 10,832	$ 10,832
Costs to be recovered from future revenues	$ 252,559	$ 252,559	$ 252,559	$ 252,559	$ 252,559	$ 252,559	$ 252,559	$ 252,559	$ 252,559	$ 252,559	$ 252,559	$ 252,559
Other Assets	$ 10,429	$ 10,429	$ 10,429	$ 10,429	$ 10,429	$ 10,429	$ 10,429	$ 10,429	$ 10,429	$ 10,429	$ 10,429	$ 10,429
Notes receivable - City of Jacksonville	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Investment in The Energy Authority	$ 6,283	$ 6,283	$ 6,283	$ 6,283	$ 6,283	$ 6,283	$ 6,283	$ 6,283	$ 6,283	$ 6,283	$ 6,283	$ 6,283
Total noncurrent assets	**$ 269,271**	**$ 269,271**	**$ 269,271**	**$ 269,271**	**$ 269,271**	**$ 269,271**	**$ 269,271**	**$ 269,271**	**$ 269,271**	**$ 269,271**	**$ 269,271**	**$ 269,271**
Capital assets												
Land and easements	$ 123,585	$ 123,585	$ 123,585	$ 123,585	$ 123,585	$ 123,585	$ 123,585	$ 123,585	$ 123,585	$ 123,585	$ 123,585	$ 123,585
Plant in service	$ 5,326,764	$ 5,430,684	$ 5,621,039	$ 5,933,904	$ 6,198,074	$ 6,482,978	$ 6,840,822	$ 7,085,910	$ 7,310,910	$ 7,535,910	$ 7,760,910	$ 7,985,910
Less accumulated depreciation	$ (2,867,037)	$ (3,068,047)	$ (3,272,978)	$ (3,485,093)	$ (3,709,014)	$ (3,942,904)	$ (4,187,544)	$ (4,445,689)	$ (4,713,081)	$ (4,988,965)	$ (5,273,339)	$ (5,566,203)
Plant in service, net	**$ 2,583,312**	**$ 2,486,222**	**$ 2,471,645**	**$ 2,572,396**	**$ 2,612,645**	**$ 2,663,660**	**$ 2,776,863**	**$ 2,763,807**	**$ 2,721,414**	**$ 2,670,531**	**$ 2,611,157**	**$ 2,543,292**
Construction work in progress	$ 103,920	$ 190,355	$ 312,865	$ 264,171	$ 284,904	$ 357,844	$ 245,088	$ 225,000	$ 225,000	$ 225,000	$ 225,000	$ 225,000
Capital assets, net	**$ 2,687,232**	**$ 2,676,577**	**$ 2,784,510**	**$ 2,836,566**	**$ 2,897,549**	**$ 3,021,504**	**$ 3,021,951**	**$ 2,988,807**	**$ 2,946,414**	**$ 2,895,531**	**$ 2,836,157**	**$ 2,768,292**
Total assets	**$ 4,026,285**	**$ 4,143,749**	**$ 4,349,403**	**$ 4,569,160**	**$ 4,833,599**	**$ 5,052,513**	**$ 5,207,046**	**$ 5,342,259**	**$ 5,472,771**	**$ 5,631,491**	**$ 5,755,838**	**$ 5,862,973**
Deferred outflows of resources:												
Unrealized pension contributions and losses	$ 95,814	$ 95,814	$ 95,814	$ 95,814	$ 95,814	$ 95,814	$ 95,814	$ 95,814	$ 95,814	$ 95,814	$ 95,814	$ 95,814
Unamortized Debt Issuance Costs	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Environmental	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Unamortized deferred losses on refundings	$ 78,503	$ 85,165	$ 77,246	$ 71,457	$ 65,700	$ 59,978	$ 54,278	$ 48,579	$ 42,879	$ 37,221	$ 33,543	$ 29,911
Accumulated decrease in fair value of fuel hedging derivatives	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Accumulated decrease in fair value of interest swaps derivatives	$ 101,350	$ 101,350	$ 101,350	$ 101,350	$ 101,350	$ 101,350	$ 101,350	$ 101,350	$ 101,350	$ 101,350	$ 101,350	$ 101,350
Total deferred outflows of resources	**$ 275,667**	**$ 282,329**	**$ 274,410**	**$ 268,621**	**$ 262,864**	**$ 257,142**	**$ 251,442**	**$ 245,743**	**$ 240,043**	**$ 234,385**	**$ 230,707**	**$ 227,075**
Total assets and deferred outflows of resources	**$ 4,301,952**	**$ 4,426,078**	**$ 4,623,813**	**$ 4,837,781**	**$ 5,096,463**	**$ 5,309,654**	**$ 5,458,488**	**$ 5,588,002**	**$ 5,712,814**	**$ 5,865,876**	**$ 5,986,546**	**$ 6,090,048**

JEA
Electric System and Bulk Power Supply System
Statement of Net Position
(in thousands)

Confidential
Reports Prepared on April 24, 2018

	Actual 2017	Projection 2018	Projection 2019	Projection 2020	Projection 2021	Projection 2022	Projection 2023	Projection 2024	Projection 2025	Projection 2026	Projection 2027	Projection 2028
LIABILITIES, DEFERRED INFLOWS OF RESOURCES AND NET POSITION												
Current liabilities												
Accounts and accrued expenses payable	$ 90,429	$ 66,115	$ 64,013	$ 64,507	$ 65,750	$ 72,204	$ 80,221	$ 82,427	$ 85,751	$ 89,578	$ 91,967	$ 93,786
State utility taxes payable	$ 2,819	$ 2,615	$ 2,624	$ 2,669	$ 2,709	$ 2,698	$ 2,742	$ 2,783	$ 2,891	$ 3,012	$ 3,055	$ 3,098
Payable to the City of Jacksonville	$ 7,689	$ 7,623	$ 7,699	$ 7,776	$ 7,854	$ 7,932	$ 8,011	$ 8,092	$ 8,173	$ 8,254	$ 8,337	$ 8,420
Liability for compensated absences due within one year	$ 2,025	$ 2,025	$ 2,025	$ 2,025	$ 2,025	$ 2,025	$ 2,025	$ 2,025	$ 2,025	$ 2,025	$ 2,025	$ 2,025
Other current liabilities	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Customers deposits	$ 42,192	$ 42,192	$ 42,192	$ 42,192	$ 42,192	$ 42,192	$ 42,192	$ 42,192	$ 42,192	$ 42,192	$ 42,192	$ 42,192
Total current liabilities	**$ 145,154**	**$ 120,569**	**$ 118,553**	**$ 119,169**	**$ 120,530**	**$ 127,051**	**$ 135,191**	**$ 137,519**	**$ 141,031**	**$ 145,062**	**$ 147,575**	**$ 149,521**
Liabilities payable from restricted assets	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Revenue bonds due within one year	$ 135,105	$ 130,690	$ 122,380	$ 67,765	$ 66,220	$ 65,405	$ 57,420	$ 67,665	$ 91,585	$ 107,705	$ 113,285	$ 112,325
Interest payable	$ 40,458	$ 47,967	$ 45,867	$ 43,487	$ 41,878	$ 40,324	$ 39,910	$ 39,966	$ 39,729	$ 39,160	$ 38,023	$ 36,848
Construction contracts and accounts payable	$ 16,222	$ 16,222	$ 16,222	$ 16,222	$ 16,222	$ 16,222	$ 16,222	$ 16,222	$ 16,222	$ 16,222	$ 16,222	$ 16,222
Renewal and replacement reserve	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total liabilities payable from restricted assets	**$ 191,785**	**$ 194,879**	**$ 184,469**	**$ 127,474**	**$ 124,320**	**$ 121,951**	**$ 113,552**	**$ 123,853**	**$ 147,536**	**$ 163,087**	**$ 167,530**	**$ 165,395**
Other noncurrent liabilities	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
OPEB liability	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Liability for compensated absences due after one year	$ 18,988	$ 18,988	$ 18,988	$ 18,988	$ 18,988	$ 18,988	$ 18,988	$ 18,988	$ 18,988	$ 18,988	$ 18,988	$ 18,988
Environmental liabilities	$ 17,672	$ 17,672	$ 17,672	$ 17,672	$ 17,672	$ 17,672	$ 17,672	$ 17,672	$ 17,672	$ 17,672	$ 17,672	$ 17,672
Other liabilities	$ 2,948	$ 2,948	$ 2,948	$ 2,948	$ 2,948	$ 2,948	$ 2,948	$ 2,948	$ 2,948	$ 2,948	$ 2,948	$ 2,948
Pension	$ 330,025	$ 330,025	$ 330,025	$ 330,025	$ 330,025	$ 330,025	$ 330,025	$ 330,025	$ 330,025	$ 330,025	$ 330,025	$ 330,025
Total other noncurrent liabilities	**$ 369,633**	**$ 369,633**	**$ 369,633**	**$ 369,633**	**$ 369,633**	**$ 369,633**	**$ 369,633**	**$ 369,633**	**$ 369,633**	**$ 369,633**	**$ 369,633**	**$ 369,633**
Long-term debt	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Bonds payable, less current portion	$ 2,171,305	$ 2,019,350	$ 1,896,970	$ 1,829,205	$ 1,762,985	$ 1,697,580	$ 1,683,006	$ 1,668,960	$ 1,630,784	$ 1,584,073	$ 1,524,412	$ 1,470,841
Unamortized original issue premium (discount)	$ 55,556	$ 76,710	$ 63,747	$ 53,604	$ 44,863	$ 37,239	$ 30,616	$ 24,597	$ 19,190	$ 14,588	$ 10,875	$ 8,040
Revolving credit facility	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Fair value of debt management strategy instruments	$ 101,350	$ 101,350	$ 101,350	$ 101,350	$ 101,350	$ 101,350	$ 101,350	$ 101,350	$ 101,350	$ 101,350	$ 101,350	$ 101,350
Total long-term debt	**$ 2,328,211**	**$ 2,197,410**	**$ 2,062,067**	**$ 1,984,159**	**$ 1,909,198**	**$ 1,836,169**	**$ 1,814,973**	**$ 1,794,907**	**$ 1,751,324**	**$ 1,700,011**	**$ 1,636,637**	**$ 1,580,231**
Total liabilities	**$ 3,034,783**	**$ 2,882,492**	**$ 2,734,721**	**$ 2,600,435**	**$ 2,523,681**	**$ 2,454,803**	**$ 2,433,349**	**$ 2,425,912**	**$ 2,409,523**	**$ 2,377,792**	**$ 2,321,375**	**$ 2,264,779**
Deferred inflows of resources												
DEFERRED REVENUES	$ 226,901	$ 218,660	$ 228,155	$ 226,593	$ 213,762	$ 217,458	$ 212,077	$ 198,222	$ 176,100	$ 188,870	$ 193,030	$ 188,409
HEALTH INSURANCE RESERVES	$ 9,214	$ 9,214	$ 9,214	$ 9,214	$ 9,214	$ 9,214	$ 9,214	$ 9,214	$ 9,214	$ 9,214	$ 9,214	$ 9,214
SCHERER COST RECOVERY	$ 41,438	$ 41,438	$ 41,438	$ 41,438	$ 41,438	$ 41,438	$ 41,438	$ 41,438	$ 41,438	$ 41,438	$ 41,438	$ 41,438
Revenues to be used for future costs	$ 277,553	$ 269,312	$ 278,807	$ 277,245	$ 264,413	$ 268,109	$ 262,729	$ 248,873	$ 226,752	$ 239,522	$ 243,682	$ 239,061
Unrealized pension gains	$ 4,867	$ 4,867	$ 4,867	$ 4,867	$ 4,867	$ 4,867	$ 4,867	$ 4,867	$ 4,867	$ 4,867	$ 4,867	$ 4,867
Accumulated increase in fair value of fuel derivatives	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Accumulated increase in fair value of interest swap derivatives	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total deferred inflows of resources	**$ 282,420**	**$ 274,179**	**$ 283,674**	**$ 282,112**	**$ 269,280**	**$ 272,976**	**$ 267,596**	**$ 253,740**	**$ 231,619**	**$ 244,389**	**$ 248,549**	**$ 243,928**
Net position	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Net investment in capital assets	$ 425,023	$ 398,105	$ 630,388	$ 808,369	$ 951,502	$ 1,138,495	$ 1,166,173	$ 1,149,730	$ 1,142,142	$ 1,106,623	$ 1,095,517	$ 1,082,494
Restricted	$ 336,209	$ 497,664	$ 591,802	$ 763,753	$ 979,784	$ 1,074,798	$ 1,231,766	$ 1,411,556	$ 1,600,343	$ 1,790,223	$ 1,968,863	$ 2,149,375
Unrestricted	$ 223,517	$ 373,639	$ 383,228	$ 383,112	$ 372,216	$ 368,582	$ 359,605	$ 347,063	$ 329,187	$ 346,849	$ 352,241	$ 349,472
Total net position	**$ 984,749**	**$ 1,269,408**	**$ 1,605,418**	**$ 1,955,235**	**$ 2,303,502**	**$ 2,581,874**	**$ 2,757,544**	**$ 2,908,350**	**$ 3,071,672**	**$ 3,243,695**	**$ 3,416,622**	**$ 3,581,341**
Total liabilities, deferred inflows of resources and net position	**$ 4,301,952**	**$ 4,426,078**	**$ 4,623,813**	**$ 4,837,781**	**$ 5,096,463**	**$ 5,309,654**	**$ 5,458,488**	**$ 5,588,002**	**$ 5,712,814**	**$ 5,865,876**	**$ 5,986,546**	**$ 6,090,048**

MODEL IS BASED ON PSC SYSTEM CAPACITY PLANNING ASSUMPTIONS
*** ASSUMPTIONS AND FORECAST DO NOT REPRESENT A MANAGEMENT CASE FORECAST FOR FINANCIAL PURPOSES ***

JEA
Electric System and Bulk Power Supply System
Combining Statement of Revenues, Expenses, and Changes in Net Position
(in thousands)

Reports Prepared on **Confidential May 14, 2018**

	Actual 2017	Projection 2018	Projection 2019	Projection 2020	Projection 2021	Projection 2022	Projection 2023	Projection 2024	Projection 2025	Projection 2026	Projection 2027	Projection 2028
Operating revenues:												
Electric - base	$ 822,513	$ 794,430	$ 835,067	$ 866,791	$ 877,582	$ 873,391	$ 872,098	$ 880,001	$ 919,307	$ 962,568	$ 970,182	$ 977,861
Electric - fuel and purchased power	$ 447,631	$ 441,513	$ 407,417	$ 397,291	$ 405,590	$ 403,900	$ 426,105	$ 438,035	$ 449,925	$ 464,803	$ 477,384	$ 490,173
Other, net of allowances	$ 29,447	$ 19,152	$ 16,918	$ 17,129	$ 17,342	$ 17,558	$ 17,775	$ 17,995	$ 18,217	$ 18,441	$ 18,668	$ 18,897
Total operating revenues	**$ 1,299,591**	**$ 1,255,095**	**$ 1,259,403**	**$ 1,281,211**	**$ 1,300,515**	**$ 1,294,848**	**$ 1,315,978**	**$ 1,336,031**	**$ 1,387,449**	**$ 1,445,813**	**$ 1,466,234**	**$ 1,486,930**
Operating expenses:	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Fuel	$ 289,948	$ 340,106	$ 342,770	$ 337,365	$ 350,104	$ 354,904	$ 365,638	$ 376,352	$ 387,021	$ 400,654	$ 411,944	$ 423,415
Purchased power	$ 217,618	$ 145,451	$ 124,384	$ 122,982	$ 129,917	$ 162,814	$ 224,495	$ 237,102	$ 247,941	$ 266,979	$ 269,781	$ 275,789
Maintenance and other operating expenses	$ 219,434	$ 47,620	$ 25,390	$ 35,914	$ 26,573	$ 44,182	$ 40,549	$ 35,725	$ 40,876	$ 36,811	$ 42,786	$ 40,436
Depreciation	$ 199,743	$ 201,010	$ 204,931	$ 212,115	$ 223,921	$ 233,890	$ 244,641	$ 258,144	$ 267,393	$ 275,883	$ 284,374	$ 292,865
State utility taxes and franchise fees	$ 59,121	$ 60,397	$ 61,572	$ 62,130	$ 62,557	$ 63,119	$ 63,735	$ 64,330	$ 66,446	$ 70,970	$ 71,580	$ 72,197
Recognition of deferred costs and revenues, net	$ (3,344)	$ (21,265)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total operating expenses	**$ 982,520**	**$ 773,318**	**$ 759,047**	**$ 770,506**	**$ 793,071**	**$ 858,909**	**$ 939,058**	**$ 971,654**	**$ 1,009,677**	**$ 1,051,298**	**$ 1,080,465**	**$ 1,104,702**
Operating income	**$ 317,071**	**$ 481,778**	**$ 500,355**	**$ 510,705**	**$ 507,443**	**$ 435,939**	**$ 376,920**	**$ 364,377**	**$ 377,772**	**$ 394,515**	**$ 385,769**	**$ 382,229**
Nonoperating revenues (expenses):												
Earnings from The Energy Authority	$ 6,335	$ 2,931	$ 610	$ 856	$ 1,567	$ 2,040	$ 2,081	$ 2,123	$ 2,165	$ 2,209	$ 2,253	$ 2,298
Investment income	$ 5,177	$ 8,473	$ 8,557	$ 8,643	$ 8,729	$ 8,817	$ 8,905	$ 8,994	$ 9,084	$ 9,175	$ 9,266	$ 9,359
Write Offs	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Net increase (decrease) in fair value of investments	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Other nonoperating revenue	$ 5,207	$ 8,507	$ 8,463	$ 8,411	$ 8,369	$ 8,295	$ 8,217	$ 8,130	$ 7,972	$ 7,921	$ 7,654	$ 7,376
Other nonoperating expense	$ (611)	$ (1,348)	$ (1,348)	$ (1,348)	$ (1,348)	$ (1,348)	$ (1,348)	$ (1,348)	$ (1,348)	$ (1,348)	$ (1,348)	$ (1,348)
Interest on debt	$ (81,329)	$ (114,203)	$ (82,298)	$ (80,222)	$ (78,364)	$ (76,359)	$ (76,527)	$ (77,261)	$ (77,465)	$ (77,186)	$ (73,937)	$ (72,593)
Interest rate swap (net payment)/receipts	$ (13,021)	$ (9,081)	$ (5,016)	$ (2,991)	$ (2,958)	$ (2,899)	$ (2,840)	$ (2,778)	$ (2,665)	$ (2,535)	$ (2,353)	$ (2,113)
Other interest, net	$ (417)	$ (926)	$ (926)	$ (926)	$ (926)	$ (926)	$ (926)	$ (926)	$ (926)	$ (926)	$ (926)	$ (926)
Allowance for funds used during construction	$ 6,102	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Gain (loss) on sale of asset	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total nonoperating revenues (expenses), net	**$ (72,558)**	**$ (105,647)**	**$ (71,958)**	**$ (67,578)**	**$ (64,933)**	**$ (62,380)**	**$ (62,438)**	**$ (63,068)**	**$ (63,184)**	**$ (62,691)**	**$ (59,392)**	**$ (57,949)**
Income before contributions	**$ 244,513**	**$ 376,130**	**$ 428,397**	**$ 443,127**	**$ 442,511**	**$ 373,559**	**$ 314,482**	**$ 301,309**	**$ 314,588**	**$ 331,824**	**$ 326,377**	**$ 324,280**
Contributions (to) from:												
General fund, City of Jacksonville	$ (92,271)	$ (91,472)	$ (92,387)	$ (93,310)	$ (94,243)	$ (95,186)	$ (96,138)	$ (97,099)	$ (98,070)	$ (99,051)	$ (100,041)	$ (101,042)
Developers and other	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total contributions	**$ (92,271)**	**$ (91,472)**	**$ (92,387)**	**$ (93,310)**	**$ (94,243)**	**$ (95,186)**	**$ (96,138)**	**$ (97,099)**	**$ (98,070)**	**$ (99,051)**	**$ (100,041)**	**$ (101,042)**
Change in net position	**$ 152,242**	**$ 284,659**	**$ 336,011**	**$ 349,816**	**$ 348,267**	**$ 278,373**	**$ 218,344**	**$ 204,210**	**$ 216,518**	**$ 232,773**	**$ 226,336**	**$ 223,239**
Net position - beginning of period	**$ 832,508**	**$ 984,750**	**$ 1,269,408**	**$ 1,605,419**	**$ 1,955,235**	**$ 2,303,502**	**$ 2,581,875**	**$ 2,800,219**	**$ 3,004,429**	**$ 3,220,947**	**$ 3,453,720**	**$ 3,680,056**
Net position - end of period	**$ 984,750**	**$ 1,269,408**	**$ 1,605,419**	**$ 1,955,235**	**$ 2,303,502**	**$ 2,581,875**	**$ 2,800,219**	**$ 3,004,429**	**$ 3,220,947**	**$ 3,453,720**	**$ 3,680,056**	**$ 3,903,295**

MODEL IS BASED ON PSC SYSTEM CAPACITY PLANNING ASSUMPTIONS
*** ASSUMPTIONS AND FORECAST DO NOT REPRESENT A MANAGEMENT CASE FORECAST FOR FINANCIAL PURPOSES ***

JEA
Electric System and Bulk Power Supply System
Statement of Cash Flows
(in thousands)

Confidential
Reports Prepared on May 14, 2018

	2017	Projection 2018	Projection 2019	Projection 2020	Projection 2021	Projection 2022	Projection 2023	Projection 2024	Projection 2025	Projection 2026	Projection 2027	Projection 2028
Cash Flow from Operating Activities												
Income Before Contributions		$ 376,130	$ 428,397	$ 443,127	$ 442,511	$ 373,559	$ 314,482	$ 301,309	$ 314,588	$ 331,824	$ 326,377	$ 324,280
Depreciation and amortization		$ 201,010	$ 204,931	$ 212,115	$ 223,921	$ 233,890	$ 244,641	$ 258,144	$ 267,393	$ 275,883	$ 284,374	$ 292,865
Recognition of deferred costs and revenues, net		$ (21,265)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
(Gain)/Loss on sale of assets		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Transfers to/(from) rate stabilization funds		$ (8,241)	$ 9,495	$ (1,562)	$ (12,831)	$ 3,696	$ (5,381)	$ (13,855)	$ (22,122)	$ 12,770	$ 4,161	$ (4,622)
Changes in noncash assets and noncash liabilities:		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Decrease (increase) accounts receivable		$ 6,202	$ (573)	$ (2,871)	$ (2,542)	$ 737	$ (2,782)	$ (2,641)	$ (6,760)	$ (7,672)	$ (2,690)	$ (2,726)
Decrease (increase) accounts receivable, restricted		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Decrease (increase) in inventories		$ 1,631	$ 2,495	$ 809	$ (754)	$ 73	$ (1,761)	$ (1,001)	$ (997)	$ (1,251)	$ (1,055)	$ (1,072)
Decrease (increase) in other deferred outflow assets		$ (6,662)	$ 7,919	$ 5,790	$ 5,757	$ 5,723	$ 5,699	$ 5,699	$ 5,699	$ 5,659	$ 3,677	$ 3,633
Increase (decrease) in other assets		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Increase (decrease) in accounts and expenses payable		$ (24,585)	$ (2,016)	$ 616	$ 1,361	$ 6,521	$ 8,140	$ 2,328	$ 3,512	$ 4,031	$ 2,514	$ 1,946
Increase (decrease) in liabilities payable, restricted		$ 7,509	$ (2,100)	$ (2,380)	$ (1,609)	$ (1,554)	$ (414)	$ 56	$ (238)	$ (568)	$ (1,137)	$ (1,175)
Increase (decrease) in other liabilities and amortization of OID/OIP		$ 21,154	$ (12,963)	$ (10,143)	$ (8,741)	$ (7,624)	$ (6,623)	$ (6,020)	$ (5,406)	$ (4,602)	$ (3,713)	$ (2,835)
Total cash from Operating Activities		**$ 552,885**	**$ 635,584**	**$ 645,500**	**$ 647,072**	**$ 615,019**	**$ 556,001**	**$ 544,020**	**$ 555,669**	**$ 616,073**	**$ 612,508**	**$ 610,293**
Cash Flow from Investing Activities		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Investments in Property, Plant and Equip.		$ (190,355)	$ (312,865)	$ (264,171)	$ (284,904)	$ (357,844)	$ (245,088)	$ (225,000)	$ (225,000)	$ (225,000)	$ (225,000)	$ (225,000)
(Purchases)/sales of Investments		$ (5,203)	$ 28,185	$ 59,036	$ 3,921	$ 3,234	$ 9,562	$ (9,305)	$ (22,686)	$ (14,514)	$ (2,177)	$ 5,265
Proceeds from Sale of Assets		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total cash from Investing Activities		**$ (195,558)**	**$ (284,680)**	**$ (205,135)**	**$ (280,983)**	**$ (354,610)**	**$ (235,526)**	**$ (234,305)**	**$ (247,686)**	**$ (239,514)**	**$ (227,177)**	**$ (219,735)**
Cash Flow from Financing Activities		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Scheduled debt repayment		$ (135,105)	$ (130,690)	$ (122,380)	$ (67,765)	$ (66,220)	$ (65,405)	$ (57,420)	$ (67,665)	$ (91,585)	$ (107,705)	$ (113,285)
Proceeds from sale of bonds		$ -	$ -	$ -	$ -	$ -	$ 171	$ 214	$ 214	$ 244	$ 214	$ 235
Increase/(decrease) in Line of Credit borrowing		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Early Debt Retirement/Defeasance		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
City of Jacksonville Contribution		$ (91,472)	$ (92,387)	$ (93,310)	$ (94,243)	$ (95,186)	$ (96,138)	$ (97,099)	$ (98,070)	$ (99,051)	$ (100,041)	$ (101,042)
Total cash flow from Financing Activities		**$ (226,577)**	**$ (223,077)**	**$ (215,690)**	**$ (162,008)**	**$ (161,406)**	**$ (161,371)**	**$ (154,305)**	**$ (165,522)**	**$ (190,392)**	**$ (207,532)**	**$ (214,092)**

MODEL IS BASED ON PSC SYSTEM CAPACITY PLANNING ASSUMPTIONS
*** ASSUMPTIONS AND FORECAST DO NOT REPRESENT A MANAGEMENT CASE FORECAST FOR FINANCIAL PURPOSES ***

JEA
Electric System and Bulk Power Supply System
EBITDA
(in thousands)

Confidential
Reports Prepared on May 14, 2018

	Actual 2017	Projection 2018	Projection 2019	Projection 2020	Projection 2021	Projection 2022	Projection 2023	Projection 2024	Projection 2025	Projection 2026	Projection 2027	Projection 2028	10 Year Total
Operating revenues:													
Electric - base	$ 822,513	$ 794,430	$ 835,067	$ 866,791	$ 877,582	$ 873,391	$ 872,098	$ 880,001	$ 919,307	$ 962,568	$ 970,182	$ 977,861	$ 10,651,791
Electric - fuel and purchased power	$ 447,631	$ 441,513	$ 407,417	$ 397,291	$ 405,590	$ 403,900	$ 426,105	$ 438,035	$ 449,925	$ 464,803	$ 477,384	$ 490,173	$ 5,249,768
Other, net of allowances	$ 29,447	$ 19,152	$ 16,918	$ 17,129	$ 17,342	$ 17,558	$ 17,775	$ 17,995	$ 18,217	$ 18,441	$ 18,668	$ 18,897	$ 227,538
Total operating revenues	**$ 1,299,591**	**$ 1,255,095**	**$ 1,259,403**	**$ 1,281,211**	**$ 1,300,515**	**$ 1,294,848**	**$ 1,315,978**	**$ 1,336,031**	**$ 1,387,449**	**$ 1,445,813**	**$ 1,466,234**	**$ 1,486,930**	**$ 16,129,098**
Operating expenses:													
Fuel	$ 289,948	$ 340,106	$ 342,770	$ 337,365	$ 350,104	$ 354,904	$ 365,638	$ 376,352	$ 387,021	$ 400,654	$ 411,944	$ 423,415	$ 4,380,221
Purchased power	$ 217,618	$ 145,451	$ 124,384	$ 122,982	$ 129,917	$ 162,814	$ 224,495	$ 237,102	$ 247,941	$ 266,979	$ 269,781	$ 275,789	$ 2,425,254
Maintenance and other operating expenses	$ 219,434	$ 47,620	$ 25,390	$ 35,914	$ 26,573	$ 44,182	$ 40,549	$ 35,725	$ 40,876	$ 36,811	$ 42,786	$ 40,436	$ 636,296
Total operating expenses	**$ 727,001**	**$ 533,176**	**$ 492,544**	**$ 496,261**	**$ 506,593**	**$ 561,900**	**$ 630,682**	**$ 649,180**	**$ 675,838**	**$ 704,444**	**$ 724,511**	**$ 739,640**	**$ 7,441,771**
EBITDA	**$ 572,590**	**$ 721,919**	**$ 766,858**	**$ 784,950**	**$ 793,922**	**$ 732,948**	**$ 685,296**	**$ 686,851**	**$ 711,611**	**$ 741,368**	**$ 741,723**	**$ 747,290**	**$ 8,687,327**
	$ -	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	
Capital Expenditures	$ 134,782	$ 190,355	$ 312,865	$ 264,171	$ 284,904	$ 357,844	$ 245,088	$ 225,000	$ 225,000	$ 225,000	$ 225,000	$ 225,000	$ 2,915,008
	$ -	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	
Operating Free Cash Flow	**$ 437,808**	**$ 531,565**	**$ 453,993**	**$ 520,779**	**$ 509,018**	**$ 375,104**	**$ 440,208**	**$ 461,851**	**$ 486,611**	**$ 516,368**	**$ 516,723**	**$ 522,290**	**$ 5,772,318**
	Rates												
Operating FCF discounted at 5%	5%	$ 531,565	$ 432,374	$ 472,362	$ 439,708	$ 308,599	$ 344,915	$ 344,641	$ 345,825	$ 349,498	$ 333,084	$ 320,641	$ 4,223,213
Operating FCF discounted at 10%	10%	$ 531,565	$ 412,721	$ 430,396	$ 382,432	$ 256,201	$ 273,335	$ 260,703	$ 249,708	$ 240,890	$ 219,141	$ 201,365	$ 3,458,457
Operating FCF discounted at 15%	15%	$ 531,565	$ 394,777	$ 393,784	$ 334,687	$ 214,467	$ 218,861	$ 199,671	$ 182,935	$ 168,802	$ 146,885	$ 129,102	$ 2,915,536
City Contribution	*$ 92,271*	*$ 91,472*	*$ 92,387*	*$ 93,310*	*$ 94,243*	*$ 95,186*	*$ 96,138*	*$ 97,099*	*$ 98,070*	*$ 99,051*	*$ 100,041*	*$ 101,042*	*$ 1,150,310*

May 14, 2018

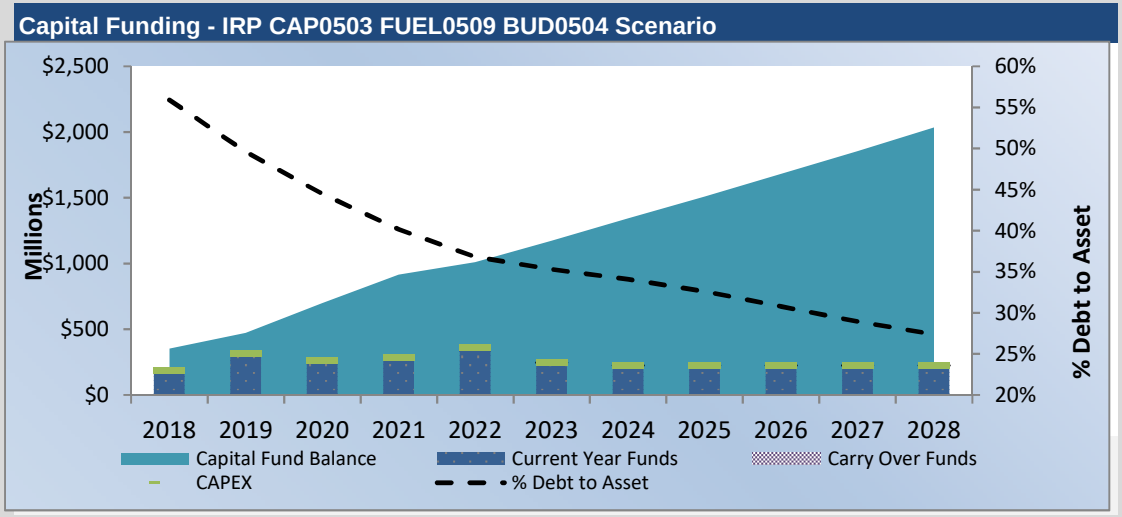
*** ASSUMPTIONS AND FORECAST DO NOT REPRESENT A MANAGEMENT CASE FORECAST FOR FINANCIAL PURPOSES ***

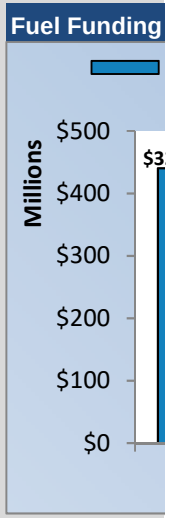
DEBT SERVICE COVERAGE PROJECTIONS	Actual	Projection	Projection	Projection	Projection	Projection
OPERATING REVENUES:	Fiscal Year 2017	Fiscal Year 2018	Fiscal Year 2019	Fiscal Year 2020	Fiscal Year 2021	Fiscal Year 2022
Base Rate System Revenues	750,130,701	731,704,013	768,876,011	793,230,872	798,217,787	804,950,190
Fuel Rate System Revenues	394,190,695	397,450,626	405,083,192	408,550,828	411,122,303	414,593,828
Off System Sales Revenues	5,239,757	1,342,219	2,220,000	2,060,000	1,944,000	1,876,000
Uncollectibles	(597,978)	(1,791,096)	(1,958,381)	(1,964,646)	(1,967,227)	(1,973,009)
Franchise and Gross Receipts Taxes	57,950,516	58,996,684	60,128,754	60,643,077	61,024,481	61,539,381
Investment Income	5,939,286	6,130,510	6,191,815	6,253,734	6,316,271	6,379,434
Other Revenues	36,093,115	22,083,043	17,528,052	17,984,432	18,908,687	19,598,038
Net Amt (Paid Into)/Rec'd From Rate Stabilization Fund	14,830,049	(35,076,312)	(10,261,735)	14,226,746	19,651,308	8,216,395
Net Amt (Paid Into) Rec'd From Fuel Reserve	48,399,792	43,317,471	767,078	(12,664,843)	(6,820,088)	(11,912,342)
Total Operating Revenues	$ 1,312,175,932	$ 1,224,157,158	$ 1,248,574,785	$ 1,288,320,200	$ 1,308,397,522	$ 1,303,267,914
OPERATING EXPENSES:						
O&M incl PSC Fee	199,511,249	6,950,974	7,052,273	8,358,128	9,677,442	11,024,467
Fuel and Purchased Energy	253,203,918	312,810,068	305,207,945	306,906,197	317,172,637	324,137,481
Non-Fuel Purchased Power	284,436,000	224,563,859	191,635,774	192,967,547	191,639,390	238,639,527
Franchise and Gross Receipts Taxes	57,950,516	59,191,261	60,330,141	60,851,513	61,240,212	61,762,663
Total Operating Expenses	$ 795,101,683	$ 603,516,161	$ 564,226,134	$ 569,083,385	$ 579,729,681	$ 635,564,138
Net Revenues	$ 517,074,249	$ 620,640,997	$ 684,348,651	$ 719,236,815	$ 728,667,841	$ 667,703,777
OTHER DEDUCTIONS						
JEA's Senior Debt Service	70,040,803	76,107,582	89,572,294	67,676,385	65,728,423	68,619,296
less: Interest on Sinking Fund	(1,431,000)	(2,342,018)	(2,365,438)	(2,389,092)	(2,412,983)	(2,437,113)
JEA's Net Senior Debt Service	68,609,803	73,765,565	87,206,856	65,287,292	63,315,440	66,182,183
JEA's Subordinated Debt Service	135,822,197	127,928,627	105,883,261	69,897,214	67,259,934	60,604,993
Total Debt Service	204,432,000	201,694,191	193,090,117	135,184,506	130,575,374	126,787,176
Debt Service: Principal	129,900,000	124,980,000	116,230,000	60,790,000	59,140,000	58,135,000
Debt Service: Interest	75,963,793	82,621,603	82,758,858	80,266,138	77,299,263	74,474,356
JEA's Total Debt Service	$204,432,000	$201,694,191	$193,090,117	$135,184,506	$130,575,374	$126,787,176
Contribution To City	92,270,692	91,471,795	92,386,513	93,310,378	94,243,482	95,185,917
SENIOR DEBT SERVICE COVERAGE	7.54 x	8.41 x	7.85 x	11.02 x	11.51 x	10.09 x
SENIOR AND SUBORDINATED DEBT SERVICE COVERAGE	2.53 x	3.08 x	3.54 x	5.32 x	5.58 x	5.27 x
ADJUSTED DEBT SERVICE COVERAGE	2.08 x	2.62 x	3.07 x	4.63 x	4.86 x	4.52 x
FIXED COVERAGE with PPA Contract Payments	1.86 x	2.46 x	2.75 x	3.89 x	4.05 x	3.75 x
PPA Contract Payments	*51,281,045*	*22,868,027*	*35,017,307*	*34,475,562*	*34,647,362*	*35,139,082*
System Sales excl FPU	11,899,864	12,240,056	12,628,266	12,736,367	12,816,532	12,924,755
FPU Sales	150,268	150,268	0	0	0	0
TERRITORIAL SYSTEM MWH SALES	12,050,132	12,390,324	12,628,266	12,736,367	12,816,532	12,924,755
Growth Rate: System MWH Sales (%)	-4.07%	2.82%	1.92%	0.86%	0.63%	0.84%
OFF SYSTEM MWH SALES	150,635	150,200	158,700	188,900	245,500	267,600
TOTAL MWH SALES	12,200,767	12,540,524	12,786,966	12,925,267	13,062,032	13,192,355

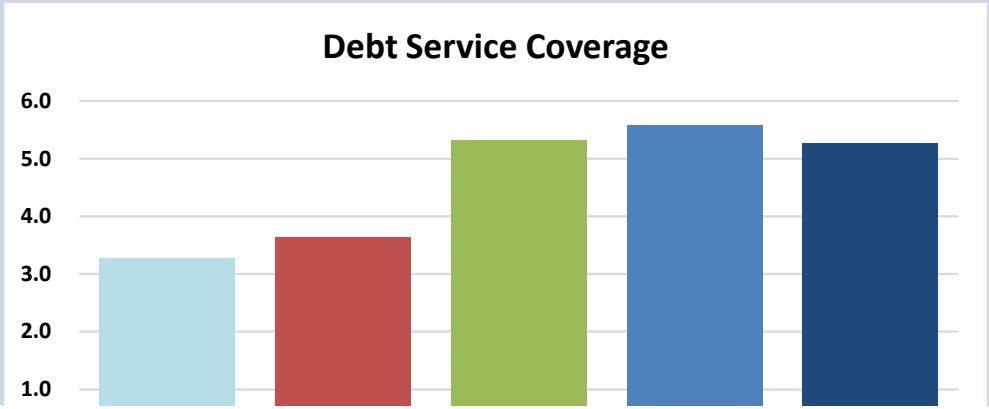
**Includes customer refunds of overcollections or possible fuel rate adjustments*

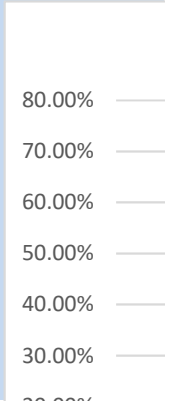
MODEL IS BASED ON PSC SYSTEM CAPACITY PLANNING ASSUMI

*** ASSUMPTIONS AND FORECAST DO NOT REPRESENT A MANAGEMENT CASE FORECAS

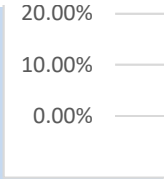


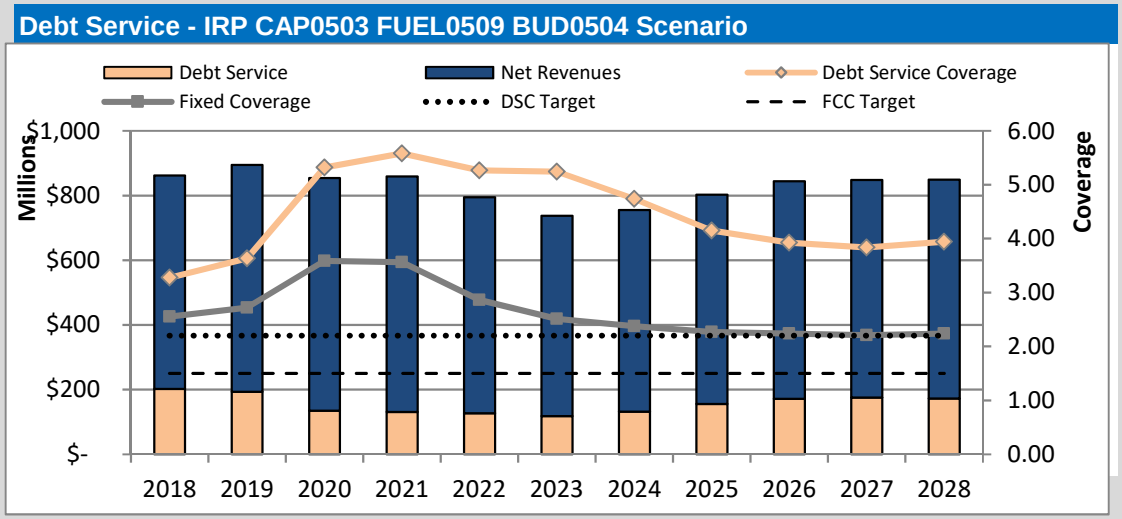




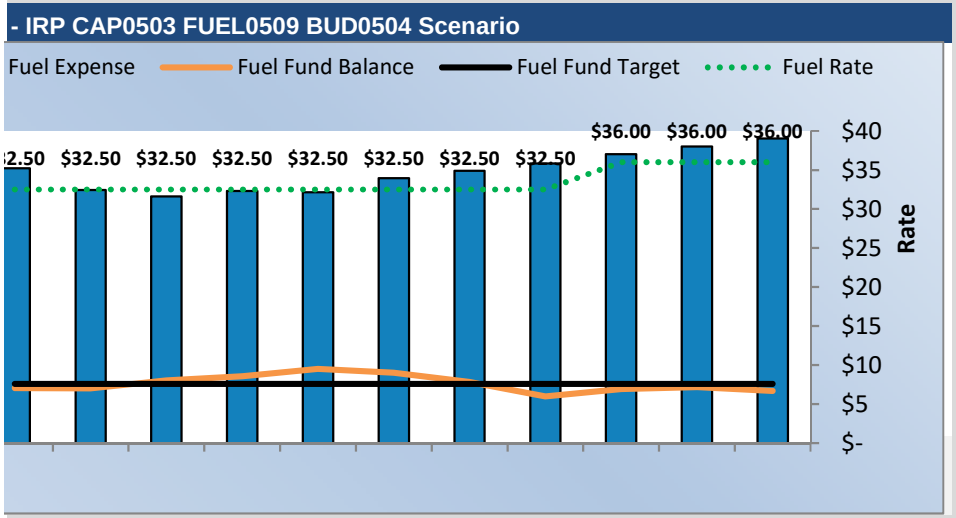



0.0
2018
2019
2020
2021
2022
Target 2.2

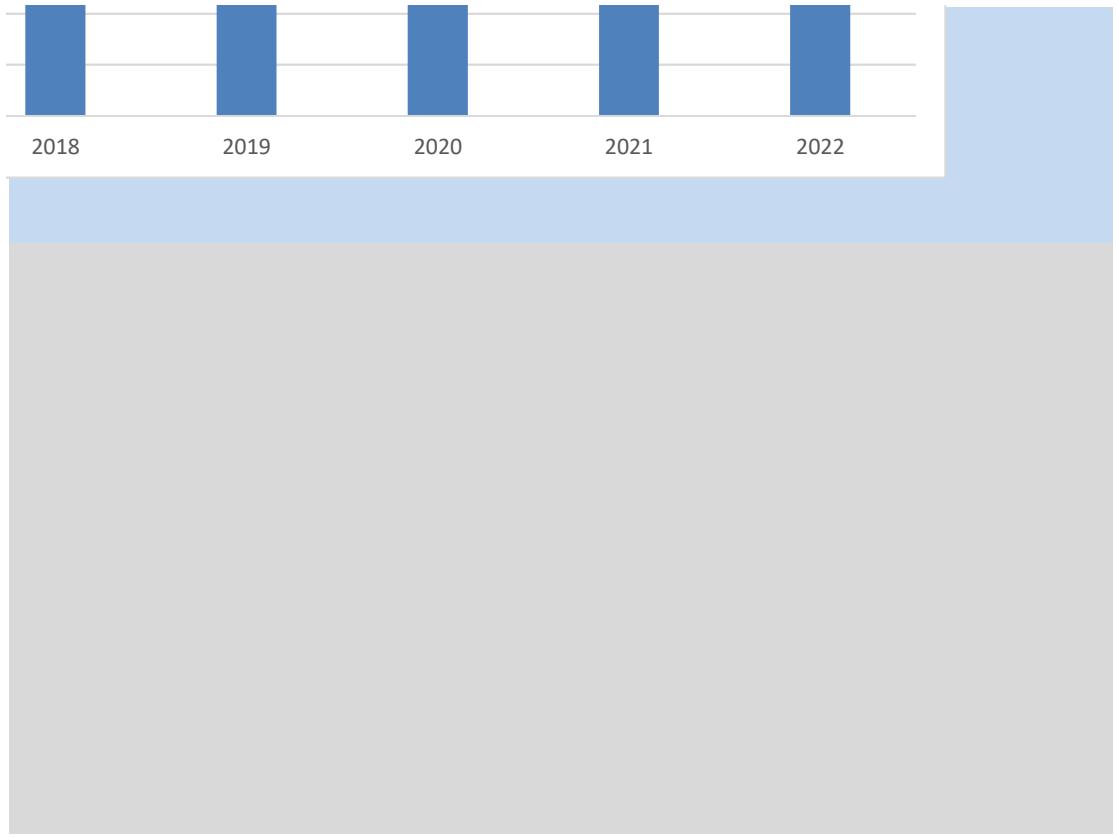

20.00%
10.00%
0.00%


Debt Service - IRP CAP0503 FUEL0509 BUD0504 Scenario
Debt Service
Net Revenues
Debt Service Coverage
Fixed Coverage
DSC Target
FCC Target
Millions
$1,000
$800
$600
$400
$200
$-
6.00
5.00
4.00
3.00
2.00
1.00
0.00
Coverage
2018
2019
2020
2021
2022
2023
2024
2025
2026
2027
2028

PTIONS
T FOR FINANCIAL PURPOSES ***






2018
2019
2020
2021
2022

JEA
Outstanding Debt Principal
As of January 9, 2018

Adding Bonds, Update CF to reflect total par added
Includes MEAG Project J Bonds as Information Only

Use 10/1 and 9/30 to get 360 days of amount for a FYE or 30 days for a monthly amount

Start Date	**10/01/17**
End Date	**12/31/17**

Use 10/1 for a 9/30 balance

10/1/18

Business Unit	Issue	Maturity Date	$ Par Amount	Rate	1st Call Date	Call Price	Price	CUSIP #	Lien	Advance Refundable	Issue/ Delivery Date	Other Comments	(OID or Premium	Revised Maturity Date Except for SJRPP	Daily Amortization	Current Period Amortization	Unamortized Premium (Discount) By Bond	Unamortized (Discount) Premium By Series		Row
District Energy System	2013 Series A	10/01/33	2,765,000.00	4.5380%	04/01/23	100.00	100.000%	46615MAT8	Senior	yes	06/19/13	Taxable Debt	-	10/01/34	-	-	-	(33,723.69)		365
District Energy System	2013 Series A	10/01/34	2,890,000.00	4.5380%	04/01/23	100.00	100.000%	46615MAT8	Senior	yes	06/19/13	Taxable Debt	-	10/01/34	-	-	-	(33,723.69)		366
Power Park	Issue 3 Series 1	10/01/37	100,000.00	4.5000%	04/01/12	100.00	99.179%	46613QEH3	Senior	Yes	04/03/07		(821.00)	10/01/37	(0.07)	(6.81)	(511.54)	(511.54)		367
Power Park	Issue 3 Series 2	10/01/34	6,925,000.00	5.0000%	10/01/17	100.00	101.877%	46613QEZ3	Senior	Yes	04/29/08		129,982.25	10/01/34	13.67	1,243.52	78,710.87	345,529.06		368
Power Park	Issue 3 Series 2	10/01/35	7,200,000.00	5.0000%	10/01/17	100.00	101.877%	46613QEZ3	Senior	Yes	04/29/08		135,144.00	10/01/35	13.69	1,245.76	83,780.52	345,529.06		369
Power Park	Issue 3 Series 2	10/01/36	7,475,000.00	5.0000%	10/01/17	100.00	101.877%	46613QEZ3	Senior	Yes	04/29/08		140,305.75	10/01/36	13.71	1,247.83	88,856.65	345,529.06		370
Power Park	Issue 3 Series 2	10/01/37	7,770,000.00	5.0000%	10/01/17	100.00	101.877%	46613QEZ3	Senior	Yes	04/29/08		145,842.90	10/01/37	13.77	1,252.99	94,181.03	345,529.06		371
Power Park	Issue 3 Series 4	10/01/18	1,720,000.00	4.5000%	n/a	n/a	100.688%	46613Q GD0	Senior	No	05/19/10	Build Americ	11,833.60	10/01/18	3.93	357.52	-	(61,492.71)		372
Power Park	Issue 3 Series 4	10/01/19	1,775,000.00	4.7000%	n/a	n/a	100.748%	46613Q GE8	Senior	No	05/19/10	Build Americ	13,277.00	10/01/19	3.94	358.31	1,417.47	(61,492.71)		373
Power Park	Issue 3 Series 4	10/01/20	1,830,000.00	4.8500%	n/a	n/a	100.805%	46613Q GF5	Senior	No	05/19/10	Build Americ	14,731.50	10/01/20	3.95	359.21	2,842.09	(61,492.71)		374
Power Park	Issue 3 Series 4	10/01/21	1,890,000.00	4.7500%	n/a	n/a	99.128%	46613Q GG3	Senior	No	05/19/10	Build Americ	(16,480.80)	10/01/21	(4.03)	(366.51)	(4,349.77)	(61,492.71)		375
Power Park	Issue 3 Series 4	10/01/22	1,950,000.00	4.8500%	n/a	n/a	99.077%	46613Q GH1	Senior	No	05/19/10	Build Americ	(17,998.50)	10/01/22	(4.04)	(367.89)	(5,821.62)	(61,492.71)		376
Power Park	Issue 3 Series 4	10/01/23	2,020,000.00	4.9500%	n/a	n/a	99.030%	46613Q GJ7	Senior	No	05/19/10	Build Americ	(19,594.00)	10/01/23	(4.07)	(370.54)	(7,329.43)	(61,492.71)		377
Power Park	Issue 3 Series 4	10/01/24	2,085,000.00	5.0500%	n/a	n/a	98.987%	46613Q GK4	Senior	No	05/19/10	Build Americ	(21,121.05)	10/01/24	(4.08)	(371.62)	(8,820.86)	(61,492.71)		378
Power Park	Issue 3 Series 4	10/01/25	2,160,000.00	5.1500%	n/a	n/a	98.947%	46613Q GL2	Senior	No	05/19/10	Build Americ	(22,744.80)	10/01/25	(4.11)	(374.15)	(10,360.97)	(61,492.71)		379
Power Park	Issue 3 Series 4	10/01/26	2,240,000.00	5.2500%	n/a	n/a	98.911%	46613Q GM0	Senior	No	05/19/10	Build Americ	(24,393.60)	10/01/26	(4.14)	(376.75)	(11,923.55)	(61,492.71)		380
Power Park	Issue 3 Series 4	10/01/27	2,325,000.00	5.3500%	n/a	n/a	99.211%	46613Q GN8	Senior	No	05/19/10	Build Americ	(18,344.25)	10/01/27	(2.93)	(267.01)	(9,506.62)	(61,492.71)		381
Power Park	Issue 3 Series 4	10/01/28	2,415,000.00	5.4500%	n/a	n/a	99.419%	46613Q GP3	Senior	No	05/19/10	Build Americ	(14,031.15)	10/01/28	(2.12)	(193.11)	(7,639.46)	(61,492.71)		382
Power Park	Issue 3 Series 6	10/01/19	5,680,000.00	5.0000%	n/a	n/a	122.579%	46613QHP2	Senior	Yes	08/07/12		1,282,487.20	10/01/19	498.25	45,340.46	179,368.84	3,123,610.81		383
Power Park	Issue 3 Series 6	10/01/20	7,710,000.00	5.0000%	10/01/19	100.00	120.928%	46613QJB1	Senior	Yes	08/07/12		1,613,548.80	10/01/20	549.95	50,045.31	395,962.90	3,123,610.81		384
Power Park	Issue 3 Series 6	10/01/21	1,000,000.00	2.3750%	10/01/17	100.00	99.794%	46613QHR8	Senior	Yes	08/07/12		(2,060.00)	10/01/21	(0.63)	(56.91)	(675.41)	3,123,610.81		385
Power Park	Issue 3 Series 6	10/01/21	7,675,000.00	5.0000%	10/01/19	100.00	119.597%	46613QJC9	Senior	Yes	08/07/12		1,504,069.75	10/01/21	456.61	41,551.41	493,137.62	3,123,610.81		386
Power Park	Issue 3 Series 6	10/01/22	1,470,000.00	2.6250%	10/01/17	100.00	99.776%	46613QHS6	Senior	Yes	08/07/12		(3,292.80)	10/01/22	(0.90)	(82.00)	(1,297.66)	3,123,610.81		387
Power Park	Issue 3 Series 6	10/01/22	7,505,000.00	5.0000%	10/01/19	100.00	118.719%	46613QJD7	Senior	Yes	08/07/12		1,404,860.95	10/01/22	384.47	34,986.96	553,639.78	3,123,610.81		388

MODEL IS BASED ON PSC SYSTEM CAPACITY PLANNING ASSUMPTIONS

*** ASSUMPTIONS AND FORECAST DO NOT REPRESENT A MANAGEMENT CASE FORECAST FOR FINAN

NOTE: SLGS INPUTS ARE NOT SAVED

SLGS Rates	
4/25/2018	
10/1/2018	
11/1/2018	2.12%
12/1/2018	2.16%
1/1/2019	2.20%
2/1/2019	2.23%
3/1/2019	2.26%
4/1/2019	2.28%
5/1/2019	2.30%
6/1/2019	2.33%
7/1/2019	2.35%
8/1/2019	2.37%
9/1/2019	2.39%
10/1/2019	2.41%
11/1/2019	2.43%
12/1/2019	2.44%
1/1/2020	2.46%
2/1/2020	2.48%
3/1/2020	2.49%
4/1/2020	2.51%
5/1/2020	2.52%
6/1/2020	2.53%
7/1/2020	2.55%
8/1/2020	2.56%
9/1/2020	2.57%
10/1/2020	2.59%
11/1/2020	2.60%
12/1/2020	2.61%
1/1/2021	2.62%
2/1/2021	2.63%
3/1/2021	2.64%
4/1/2021	2.65%
5/1/2021	2.66%
6/1/2021	2.67%
7/1/2021	2.68%
8/1/2021	2.69%
9/1/2021	2.70%
10/1/2021	2.71%
11/1/2021	2.72%
12/1/2021	2.73%
1/1/2022	2.74%

Variable Rate Assumptions			
	Date	Debt Rate	Invest. Rate
2018	10/1/2018	2.50%	1.00%
2019	10/1/2019	3.50%	1.00%
2020	10/1/2020	4.00%	2.00%
2021	10/1/2021	4.00%	2.00%
2022	10/1/2022	4.00%	3.00%
2023	10/1/2023	4.00%	3.00%
2024	10/1/2024	4.00%	3.00%
2025	10/1/2025	4.00%	3.00%
2026	10/1/2026	4.00%	3.00%
2027	10/1/2027	4.00%	3.00%
2028	10/1/2028	4.00%	3.00%
2029	10/1/2029	4.00%	3.00%
2030	10/1/2030	4.00%	3.00%
2031	10/1/2031	4.00%	3.00%
2032	10/1/2032	4.00%	3.00%
2033	10/1/2033	4.00%	3.00%
2034	10/1/2034	4.00%	3.00%
2035	10/1/2035	4.00%	3.00%
2036	10/1/2036	4.00%	3.00%
2037	10/1/2037	4.00%	3.00%
2038	10/1/2038	4.00%	3.00%
2039	10/1/2039	4.00%	3.00%
2040	10/1/2040	4.00%	3.00%
2041	10/1/2041	4.00%	3.00%
2042	10/1/2042	4.00%	3.00%
2043	10/1/2043	4.00%	3.00%
2044	10/1/2044	4.00%	3.00%
2045	10/1/2045	4.00%	3.00%
2046	10/1/2046	4.00%	3.00%
2047	10/1/2047	4.00%	3.00%

2/1/2022	2.74%
3/1/2022	2.75%
4/1/2022	2.76%
5/1/2022	2.77%
6/1/2022	2.78%
7/1/2022	2.79%
8/1/2022	2.79%
9/1/2022	2.80%
10/1/2022	2.81%
11/1/2022	2.82%
12/1/2022	2.82%
1/1/2023	2.83%
2/1/2023	2.84%
3/1/2023	2.84%
4/1/2023	2.85%
5/1/2023	2.86%
6/1/2023	2.86%
7/1/2023	2.87%
8/1/2023	2.88%
9/1/2023	2.88%
10/1/2023	2.89%
11/1/2023	2.90%
12/1/2023	2.90%
1/1/2024	2.91%
2/1/2024	2.91%
3/1/2024	2.92%
4/1/2024	2.93%
5/1/2024	2.93%
6/1/2024	2.94%
7/1/2024	2.94%
8/1/2024	2.95%
9/1/2024	2.95%
10/1/2024	2.95%
11/1/2024	2.96%
12/1/2024	2.96%
1/1/2025	2.96%
2/1/2025	2.97%
3/1/2025	2.97%
4/1/2025	2.97%
5/1/2025	2.97%
6/1/2025	2.97%
7/1/2025	2.98%
8/1/2025	2.98%
9/1/2025	2.98%
10/1/2025	2.98%
11/1/2025	2.98%

12/1/2025	2.99%
1/1/2026	2.99%
2/1/2026	2.99%
3/1/2026	2.99%
4/1/2026	2.99%
5/1/2026	3.00%
6/1/2026	3.00%
7/1/2026	3.00%
8/1/2026	3.00%
9/1/2026	3.00%
10/1/2026	3.00%
11/1/2026	3.00%
12/1/2026	3.01%
1/1/2027	3.01%
2/1/2027	3.01%
3/1/2027	3.01%
4/1/2027	3.01%
5/1/2027	3.01%
6/1/2027	3.01%
7/1/2027	3.01%
8/1/2027	3.01%
9/1/2027	3.01%
10/1/2027	3.02%
11/1/2027	3.02%
12/1/2027	3.02%
1/1/2028	3.02%
2/1/2028	3.02%
3/1/2028	3.02%
4/1/2028	3.02%
5/1/2028	3.02%
6/1/2028	3.02%
7/1/2028	3.02%
8/1/2028	3.02%
9/1/2028	3.02%
10/1/2028	3.02%
11/1/2028	3.02%
12/1/2028	3.02%
1/1/2029	3.03%
2/1/2029	3.03%
3/1/2029	3.03%
4/1/2029	3.03%
5/1/2029	3.03%
6/1/2029	3.03%
7/1/2029	3.03%
8/1/2029	3.03%
9/1/2029	3.03%

10/1/2029	3.03%
11/1/2029	3.03%
12/1/2029	3.03%
1/1/2030	3.03%
2/1/2030	3.03%
3/1/2030	3.03%
4/1/2030	3.04%
5/1/2030	3.04%
6/1/2030	3.04%
7/1/2030	3.04%
8/1/2030	3.04%
9/1/2030	3.04%
10/1/2030	3.04%
11/1/2030	3.04%
12/1/2030	3.04%
1/1/2031	3.04%
2/1/2031	3.04%
3/1/2031	3.04%
4/1/2031	3.04%
5/1/2031	3.04%
6/1/2031	3.05%
7/1/2031	3.05%
8/1/2031	3.05%
9/1/2031	3.05%
10/1/2031	3.05%
11/1/2031	3.05%
12/1/2031	3.05%
1/1/2032	3.05%
2/1/2032	3.05%
3/1/2032	3.05%
4/1/2032	3.05%
5/1/2032	3.05%
6/1/2032	3.05%
7/1/2032	3.05%
8/1/2032	3.06%
9/1/2032	3.06%
10/1/2032	3.06%
11/1/2032	3.06%
12/1/2032	3.06%
1/1/2033	3.06%
2/1/2033	3.06%
3/1/2033	3.06%
4/1/2033	3.06%
5/1/2033	3.06%
6/1/2033	3.06%
7/1/2033	3.06%

8/1/2033	3.06%
9/1/2033	3.06%
10/1/2033	3.06%
11/1/2033	3.07%
12/1/2033	3.07%
1/1/2034	3.07%
2/1/2034	3.07%
3/1/2034	3.07%
4/1/2034	3.07%
5/1/2034	3.07%
6/1/2034	3.07%
7/1/2034	3.07%
8/1/2034	3.07%
9/1/2034	3.07%
10/1/2034	3.07%
11/1/2034	3.07%
12/1/2034	3.07%
1/1/2035	3.08%
2/1/2035	3.08%
3/1/2035	3.08%
4/1/2035	3.08%
5/1/2035	3.08%
6/1/2035	3.08%
7/1/2035	3.08%
8/1/2035	3.08%
9/1/2035	3.08%
10/1/2035	3.08%
11/1/2035	3.08%
12/1/2035	3.08%
1/1/2036	3.08%
2/1/2036	3.08%
3/1/2036	3.09%
4/1/2036	3.09%
5/1/2036	3.09%
6/1/2036	3.09%
7/1/2036	3.09%
8/1/2036	3.09%
9/1/2036	3.09%
10/1/2036	3.09%
11/1/2036	3.09%
12/1/2036	3.09%
1/1/2037	3.09%
2/1/2037	3.09%
3/1/2037	3.09%
4/1/2037	3.09%
5/1/2037	3.10%

6/1/2037	3.10%
7/1/2037	3.10%
8/1/2037	3.10%
9/1/2037	3.10%
10/1/2037	3.10%
11/1/2037	3.10%
12/1/2037	3.10%
1/1/2038	3.10%
2/1/2038	3.10%
3/1/2038	3.10%
4/1/2038	3.10%
5/1/2038	3.10%
6/1/2038	3.10%
7/1/2038	3.11%
8/1/2038	3.11%
9/1/2038	3.11%
10/1/2038	3.11%
11/1/2038	3.11%
12/1/2038	3.11%
1/1/2039	3.11%
2/1/2039	3.11%
3/1/2039	3.11%
4/1/2039	3.11%
5/1/2039	3.12%
6/1/2039	3.12%
7/1/2039	3.12%
8/1/2039	3.12%
9/1/2039	3.12%
10/1/2039	3.12%
11/1/2039	3.12%
12/1/2039	3.12%
1/1/2040	3.12%
2/1/2040	3.13%
3/1/2040	3.13%
4/1/2040	3.13%
5/1/2040	3.13%
6/1/2040	3.13%
7/1/2040	3.13%
8/1/2040	3.13%
9/1/2040	3.13%
10/1/2040	3.14%
11/1/2040	3.14%
12/1/2040	3.14%
1/1/2041	3.14%
2/1/2041	3.14%
3/1/2041	3.14%

4/1/2041	3.14%
5/1/2041	3.15%
6/1/2041	3.15%
7/1/2041	3.15%
8/1/2041	3.15%
9/1/2041	3.15%
10/1/2041	3.15%
11/1/2041	3.15%
12/1/2041	3.15%
1/1/2042	3.16%
2/1/2042	3.16%
3/1/2042	3.16%
4/1/2042	3.16%
5/1/2042	3.16%
6/1/2042	3.16%
7/1/2042	3.16%
8/1/2042	3.16%
9/1/2042	3.16%
10/1/2042	3.17%
11/1/2042	3.17%
12/1/2042	3.17%
1/1/2043	3.17%
2/1/2043	3.17%
3/1/2043	3.17%
4/1/2043	3.17%
5/1/2043	3.17%
6/1/2043	3.17%
7/1/2043	3.17%
8/1/2043	3.17%
9/1/2043	3.18%
10/1/2043	3.18%
11/1/2043	3.18%
12/1/2043	3.18%
1/1/2044	3.18%
2/1/2044	3.18%
3/1/2044	3.18%
4/1/2044	3.18%
5/1/2044	3.18%
6/1/2044	3.18%
7/1/2044	3.18%
8/1/2044	3.18%
9/1/2044	3.18%
10/1/2044	3.18%
11/1/2044	3.18%
12/1/2044	3.18%
1/1/2045	3.19%

2/1/2045	3.19%
3/1/2045	3.19%
4/1/2045	3.19%
5/1/2045	3.19%
6/1/2045	3.19%
7/1/2045	3.19%
8/1/2045	3.19%
9/1/2045	3.19%
10/1/2045	3.19%
11/1/2045	3.19%
12/1/2045	3.19%
1/1/2046	3.19%
2/1/2046	3.19%
3/1/2046	3.19%
4/1/2046	3.19%
5/1/2046	3.19%
6/1/2046	3.19%
7/1/2046	3.19%
8/1/2046	3.19%
9/1/2046	3.19%
10/1/2046	3.19%
11/1/2046	3.19%
12/1/2046	3.19%
1/1/2047	3.19%
2/1/2047	3.20%
3/1/2047	3.20%
4/1/2047	3.20%
5/1/2047	3.20%
6/1/2047	3.20%
7/1/2047	3.20%
8/1/2047	3.20%
9/1/2047	3.20%
10/1/2047	3.20%
11/1/2047	3.20%
12/1/2047	3.20%
1/1/2048	3.20%
2/1/2048	3.20%
3/1/2048	3.20%
4/1/2048	3.20%
5/1/2048	3.20%
6/1/2048	3.20%
7/1/2048	3.20%
8/1/2048	3.20%
9/1/2048	3.20%
10/1/2048	3.20%

NCIAL PURPOSES ***

Fixed Rate Scales 2018			
	Yield	Coupon	Price
10/1/2019	1.24%	1.24%	100
10/1/2020	1.36%	1.36%	100
10/1/2021	1.46%	1.46%	100
10/1/2022	1.57%	1.57%	100
10/1/2023	1.71%	1.71%	100
10/1/2024	1.77%	1.77%	100
10/1/2025	1.83%	1.83%	100
10/1/2026	1.91%	1.91%	100
10/1/2027	1.98%	1.98%	100
10/1/2028	2.07%	2.07%	100
10/1/2029	2.15%	2.15%	100
10/1/2030	2.24%	2.24%	100
10/1/2031	2.31%	2.31%	100
10/1/2032	2.36%	2.36%	100
10/1/2033	2.41%	2.41%	100
10/1/2034	2.48%	2.48%	100
10/1/2035	2.54%	2.54%	100
10/1/2036	2.60%	2.60%	100
10/1/2037	2.65%	2.65%	100
10/1/2038	2.69%	2.69%	100
10/1/2039	2.78%	2.78%	100
10/1/2040	2.78%	2.78%	100
10/1/2041	2.78%	2.78%	100
10/1/2042	2.78%	2.78%	100
10/1/2043	2.78%	2.78%	100
10/1/2044	2.86%	2.86%	100
10/1/2045	2.86%	2.86%	100
10/1/2046	2.86%	2.86%	100
10/1/2047	2.86%	2.86%	100
10/1/2048	2.86%	2.86%	100

Fixed Rate Scales 2019			
	Yield	Coupon	Price
10/1/2020	1.24%	1.24%	100
10/1/2021	1.36%	1.36%	100
10/1/2022	1.46%	1.46%	100
10/1/2023	1.57%	1.57%	100
10/1/2024	1.71%	1.71%	100
10/1/2025	1.77%	1.77%	100
10/1/2026	1.83%	1.83%	100
10/1/2027	1.91%	1.91%	100
10/1/2028	1.98%	1.98%	100
10/1/2029	2.07%	2.07%	100
10/1/2030	2.15%	2.15%	100
10/1/2031	2.24%	2.24%	100
10/1/2032	2.31%	2.31%	100
10/1/2033	2.36%	2.36%	100
10/1/2034	2.41%	2.41%	100
10/1/2035	2.48%	2.48%	100
10/1/2036	2.54%	2.54%	100
10/1/2037	2.60%	2.60%	100
10/1/2038	2.65%	2.65%	100
10/1/2039	2.69%	2.69%	100
10/1/2040	2.78%	2.78%	100
10/1/2041	2.78%	2.78%	100
10/1/2042	2.78%	2.78%	100
10/1/2043	2.78%	2.78%	100
10/1/2044	2.78%	2.78%	100
10/1/2045	2.86%	2.86%	100
10/1/2046	2.86%	2.86%	100
10/1/2047	2.86%	2.86%	100
10/1/2048	2.86%	2.86%	100
10/1/2049	2.86%	2.86%	100

Fixed Rate Scales 2020	
	Yield
10/1/2021	1.24%
10/1/2022	1.36%
10/1/2023	1.46%
10/1/2024	1.57%
10/1/2025	1.71%
10/1/2026	1.77%
10/1/2027	1.83%
10/1/2028	1.91%
10/1/2029	1.98%
10/1/2030	2.07%
10/1/2031	2.15%
10/1/2032	2.24%
10/1/2033	2.31%
10/1/2034	2.36%
10/1/2035	2.41%
10/1/2036	2.48%
10/1/2037	2.54%
10/1/2038	2.60%
10/1/2039	2.65%
10/1/2040	2.69%
10/1/2041	2.78%
10/1/2042	2.78%
10/1/2043	2.78%
10/1/2044	2.78%
10/1/2045	2.78%
10/1/2046	2.86%
10/1/2047	2.86%
10/1/2048	2.86%
10/1/2049	2.86%
10/1/2050	2.86%

Coupon	Price
1.24%	100
1.36%	100
1.46%	100
1.57%	100
1.71%	100
1.77%	100
1.83%	100
1.91%	100
1.98%	100
2.07%	100
2.15%	100
2.24%	100
2.31%	100
2.36%	100
2.41%	100
2.48%	100
2.54%	100
2.60%	100
2.65%	100
2.69%	100
2.78%	100
2.78%	100
2.78%	100
2.78%	100
2.78%	100
2.86%	100
2.86%	100
2.86%	100
2.86%	100
2.86%	100

Fixed Rate Scales

2021

	Yield	Coupon	Price
10/1/2022	0.57%	0.57%	100
10/1/2023	0.87%	0.87%	100
10/1/2024	1.24%	1.24%	100
10/1/2025	1.59%	1.59%	100
10/1/2026	2.00%	2.00%	100
10/1/2027	2.51%	2.51%	100
10/1/2028	2.88%	2.88%	100
10/1/2029	3.13%	3.13%	100
10/1/2030	3.38%	3.38%	100
10/1/2031	3.61%	3.61%	100
10/1/2032	3.76%	3.76%	100
10/1/2033	3.89%	3.89%	100
10/1/2034	4.01%	4.01%	100
10/1/2035	4.13%	4.13%	100
10/1/2036	4.24%	4.24%	100
10/1/2037	4.34%	4.34%	100
10/1/2038	4.43%	4.43%	100
10/1/2039	4.51%	4.51%	100
10/1/2040	4.58%	4.58%	100
10/1/2041	4.65%	4.65%	100
10/1/2042	4.75%	4.75%	100
10/1/2043	4.85%	4.85%	100
10/1/2044	4.95%	4.95%	100
10/1/2045	5.05%	5.05%	100
10/1/2046	5.15%	5.15%	100
10/1/2047	5.25%	5.25%	100
10/1/2048	5.35%	5.35%	100
10/1/2049	5.45%	5.45%	100
10/1/2050	5.55%	5.55%	100
10/1/2051	5.65%	5.65%	100

Fixed Rate Scales 2022			
	Yield	Coupon	Price
10/1/2023	0.57%	0.57%	100
10/1/2024	0.87%	0.87%	100
10/1/2025	1.24%	1.24%	100
10/1/2026	1.59%	1.59%	100
10/1/2027	2.00%	2.00%	100
10/1/2028	2.51%	2.51%	100
10/1/2029	2.88%	2.88%	100
10/1/2030	3.13%	3.13%	100
10/1/2031	3.38%	3.38%	100
10/1/2032	3.61%	3.61%	100
10/1/2033	3.76%	3.76%	100
10/1/2034	3.89%	3.89%	100
10/1/2035	4.01%	4.01%	100
10/1/2036	4.13%	4.13%	100
10/1/2037	4.24%	4.24%	100
10/1/2038	4.34%	4.34%	100
10/1/2039	4.43%	4.43%	100
10/1/2040	4.51%	4.51%	100
10/1/2041	4.58%	4.58%	100
10/1/2042	4.65%	4.65%	100
10/1/2043	4.75%	4.75%	100
10/1/2044	4.85%	4.85%	100
10/1/2045	4.95%	4.95%	100
10/1/2046	5.05%	5.05%	100
10/1/2047	5.15%	5.15%	100
10/1/2048	5.25%	5.25%	100
10/1/2049	5.35%	5.35%	100
10/1/2050	5.45%	5.45%	100
10/1/2051	5.55%	5.55%	100
10/1/2052	5.65%	5.65%	100

Fixed Rate S 2023
10/1/2024
10/1/2025
10/1/2026
10/1/2027
10/1/2028
10/1/2029
10/1/2030
10/1/2031
10/1/2032
10/1/2033
10/1/2034
10/1/2035
10/1/2036
10/1/2037
10/1/2038
10/1/2039
10/1/2040
10/1/2041
10/1/2042
10/1/2043
10/1/2044
10/1/2045
10/1/2046
10/1/2047
10/1/2048
10/1/2049
10/1/2050
10/1/2051
10/1/2052
10/1/2053

Scales		
Yield	Coupon	Price
0.57%	0.57%	100
0.87%	0.87%	100
1.24%	1.24%	100
1.59%	1.59%	100
2.00%	2.00%	100
2.51%	2.51%	100
2.88%	2.88%	100
3.13%	3.13%	100
3.38%	3.38%	100
3.61%	3.61%	100
3.76%	3.76%	100
3.89%	3.89%	100
4.01%	4.01%	100
4.13%	4.13%	100
4.24%	4.24%	100
4.34%	4.34%	100
4.43%	4.43%	100
4.51%	4.51%	100
4.58%	4.58%	100
4.65%	4.65%	100
4.75%	4.75%	100
4.85%	4.85%	100
4.95%	4.95%	100
5.05%	5.05%	100
5.15%	5.15%	100
5.25%	5.25%	100
5.35%	5.35%	100
5.45%	5.45%	100
5.55%	5.55%	100
5.65%	5.65%	100

Fixed Rate Scales 2024		
	Yield	Coupon
10/1/2025	0.57%	0.57%
10/1/2026	0.87%	0.87%
10/1/2027	1.24%	1.24%
10/1/2028	1.59%	1.59%
10/1/2029	2.00%	2.00%
10/1/2030	2.51%	2.51%
10/1/2031	2.88%	2.88%
10/1/2032	3.13%	3.13%
10/1/2033	3.38%	3.38%
10/1/2034	3.61%	3.61%
10/1/2035	3.76%	3.76%
10/1/2036	3.89%	3.89%
10/1/2037	4.01%	4.01%
10/1/2038	4.13%	4.13%
10/1/2039	4.24%	4.24%
10/1/2040	4.34%	4.34%
10/1/2041	4.43%	4.43%
10/1/2042	4.51%	4.51%
10/1/2043	4.58%	4.58%
10/1/2044	4.65%	4.65%
10/1/2045	4.75%	4.75%
10/1/2046	4.85%	4.85%
10/1/2047	4.95%	4.95%
10/1/2048	5.05%	5.05%
10/1/2049	5.15%	5.15%
10/1/2050	5.25%	5.25%
10/1/2051	5.35%	5.35%
10/1/2052	5.45%	5.45%
10/1/2053	5.55%	5.55%
10/1/2054	5.65%	5.65%

Price
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100

Fixed Rate Scales

2025

	Yield	Coupon	Price
10/1/2026	0.57%	0.57%	100
10/1/2027	0.87%	0.87%	100
10/1/2028	1.24%	1.24%	100
10/1/2029	1.59%	1.59%	100
10/1/2030	2.00%	2.00%	100
10/1/2031	2.51%	2.51%	100
10/1/2032	2.88%	2.88%	100
10/1/2033	3.13%	3.13%	100
10/1/2034	3.38%	3.38%	100
10/1/2035	3.61%	3.61%	100
10/1/2036	3.76%	3.76%	100
10/1/2037	3.89%	3.89%	100
10/1/2038	4.01%	4.01%	100
10/1/2039	4.13%	4.13%	100
10/1/2040	4.24%	4.24%	100
10/1/2041	4.34%	4.34%	100
10/1/2042	4.43%	4.43%	100
10/1/2043	4.51%	4.51%	100
10/1/2044	4.58%	4.58%	100
10/1/2045	4.65%	4.65%	100
10/1/2046	4.75%	4.75%	100
10/1/2047	4.85%	4.85%	100
10/1/2048	4.95%	4.95%	100
10/1/2049	5.05%	5.05%	100
10/1/2050	5.15%	5.15%	100
10/1/2051	5.25%	5.25%	100
10/1/2052	5.35%	5.35%	100
10/1/2053	5.45%	5.45%	100
10/1/2054	5.55%	5.55%	100
10/1/2055	5.65%	5.65%	100

Fixed Rate Scales 2026			
	Yield	Coupon	Price
10/1/2027	0.57%	0.57%	100
10/1/2028	0.87%	0.87%	100
10/1/2029	1.24%	1.24%	100
10/1/2030	1.59%	1.59%	100
10/1/2031	2.00%	2.00%	100
10/1/2032	2.51%	2.51%	100
10/1/2033	2.88%	2.88%	100
10/1/2034	3.13%	3.13%	100
10/1/2035	3.38%	3.38%	100
10/1/2036	3.61%	3.61%	100
10/1/2037	3.76%	3.76%	100
10/1/2038	3.89%	3.89%	100
10/1/2039	4.01%	4.01%	100
10/1/2040	4.13%	4.13%	100
10/1/2041	4.24%	4.24%	100
10/1/2042	4.34%	4.34%	100
10/1/2043	4.43%	4.43%	100
10/1/2044	4.51%	4.51%	100
10/1/2045	4.58%	4.58%	100
10/1/2046	4.65%	4.65%	100
10/1/2047	4.75%	4.75%	100
10/1/2048	4.85%	4.85%	100
10/1/2049	4.95%	4.95%	100
10/1/2050	5.05%	5.05%	100
10/1/2051	5.15%	5.15%	100
10/1/2052	5.25%	5.25%	100
10/1/2053	5.35%	5.35%	100
10/1/2054	5.45%	5.45%	100
10/1/2055	5.55%	5.55%	100
10/1/2056	5.65%	5.65%	100

Fixed Rate Scales 2027	
	Yield
10/1/2028	0.57%
10/1/2029	0.87%
10/1/2030	1.24%
10/1/2031	1.59%
10/1/2032	2.00%
10/1/2033	2.51%
10/1/2034	2.88%
10/1/2035	3.13%
10/1/2036	3.38%
10/1/2037	3.61%
10/1/2038	3.76%
10/1/2039	3.89%
10/1/2040	4.01%
10/1/2041	4.13%
10/1/2042	4.24%
10/1/2043	4.34%
10/1/2044	4.43%
10/1/2045	4.51%
10/1/2046	4.58%
10/1/2047	4.65%
10/1/2048	4.75%
10/1/2049	4.85%
10/1/2050	4.95%
10/1/2051	5.05%
10/1/2052	5.15%
10/1/2053	5.25%
10/1/2054	5.35%
10/1/2055	5.45%
10/1/2056	5.55%
10/1/2057	5.65%

Coupon	Price
0.57%	100
0.87%	100
1.24%	100
1.59%	100
2.00%	100
2.51%	100
2.88%	100
3.13%	100
3.38%	100
3.61%	100
3.76%	100
3.89%	100
4.01%	100
4.13%	100
4.24%	100
4.34%	100
4.43%	100
4.51%	100
4.58%	100
4.65%	100
4.75%	100
4.85%	100
4.95%	100
5.05%	100
5.15%	100
5.25%	100
5.35%	100
5.45%	100
5.55%	100
5.65%	100

Fixed Rate Scales

2028

	Yield	Coupon	Price
10/1/2029	0.57%	0.57%	100
10/1/2030	0.87%	0.87%	100
10/1/2031	1.24%	1.24%	100
10/1/2032	1.59%	1.59%	100
10/1/2033	2.00%	2.00%	100
10/1/2034	2.51%	2.51%	100
10/1/2035	2.88%	2.88%	100
10/1/2036	3.13%	3.13%	100
10/1/2037	3.38%	3.38%	100
10/1/2038	3.61%	3.61%	100
10/1/2039	3.76%	3.76%	100
10/1/2040	3.89%	3.89%	100
10/1/2041	4.01%	4.01%	100
10/1/2042	4.13%	4.13%	100
10/1/2043	4.24%	4.24%	100
10/1/2044	4.34%	4.34%	100
10/1/2045	4.43%	4.43%	100
10/1/2046	4.51%	4.51%	100
10/1/2047	4.58%	4.58%	100
10/1/2048	4.65%	4.65%	100
10/1/2049	4.75%	4.75%	100
10/1/2050	4.85%	4.85%	100
10/1/2051	4.95%	4.95%	100
10/1/2052	5.05%	5.05%	100
10/1/2053	5.15%	5.15%	100
10/1/2054	5.25%	5.25%	100
10/1/2055	5.35%	5.35%	100
10/1/2056	5.45%	5.45%	100
10/1/2057	5.55%	5.55%	100
10/1/2058	5.65%	5.65%	100

Fixed Rate Scales 2029			
	Yield	Coupon	Price
10/1/2030	0.57%	0.57%	100
10/1/2031	0.87%	0.87%	100
10/1/2032	1.24%	1.24%	100
10/1/2033	1.59%	1.59%	100
10/1/2034	2.00%	2.00%	100
10/1/2035	2.51%	2.51%	100
10/1/2036	2.88%	2.88%	100
10/1/2037	3.13%	3.13%	100
10/1/2038	3.38%	3.38%	100
10/1/2039	3.61%	3.61%	100
10/1/2040	3.76%	3.76%	100
10/1/2041	3.89%	3.89%	100
10/1/2042	4.01%	4.01%	100
10/1/2043	4.13%	4.13%	100
10/1/2044	4.24%	4.24%	100
10/1/2045	4.34%	4.34%	100
10/1/2046	4.43%	4.43%	100
10/1/2047	4.51%	4.51%	100
10/1/2048	4.58%	4.58%	100
10/1/2049	4.65%	4.65%	100
10/1/2050	4.75%	4.75%	100
10/1/2051	4.85%	4.85%	100
10/1/2052	4.95%	4.95%	100
10/1/2053	5.05%	5.05%	100
10/1/2054	5.15%	5.15%	100
10/1/2055	5.25%	5.25%	100
10/1/2056	5.35%	5.35%	100
10/1/2057	5.45%	5.45%	100
10/1/2058	5.55%	5.55%	100
10/1/2059	5.65%	5.65%	100

Fixed Rate S 2030
10/1/2031
10/1/2032
10/1/2033
10/1/2034
10/1/2035
10/1/2036
10/1/2037
10/1/2038
10/1/2039
10/1/2040
10/1/2041
10/1/2042
10/1/2043
10/1/2044
10/1/2045
10/1/2046
10/1/2047
10/1/2048
10/1/2049
10/1/2050
10/1/2051
10/1/2052
10/1/2053
10/1/2054
10/1/2055
10/1/2056
10/1/2057
10/1/2058
10/1/2059
10/1/2060

Scales		
Yield	Coupon	Price
0.57%	0.57%	100
0.87%	0.87%	100
1.24%	1.24%	100
1.59%	1.59%	100
2.00%	2.00%	100
2.51%	2.51%	100
2.88%	2.88%	100
3.13%	3.13%	100
3.38%	3.38%	100
3.61%	3.61%	100
3.76%	3.76%	100
3.89%	3.89%	100
4.01%	4.01%	100
4.13%	4.13%	100
4.24%	4.24%	100
4.34%	4.34%	100
4.43%	4.43%	100
4.51%	4.51%	100
4.58%	4.58%	100
4.65%	4.65%	100
4.75%	4.75%	100
4.85%	4.85%	100
4.95%	4.95%	100
5.05%	5.05%	100
5.15%	5.15%	100
5.25%	5.25%	100
5.35%	5.35%	100
5.45%	5.45%	100
5.55%	5.55%	100
5.65%	5.65%	100

Fixed Rate Scales 2031		
	Yield	Coupon
10/1/2032	0.57%	0.57%
10/1/2033	0.87%	0.87%
10/1/2034	1.24%	1.24%
10/1/2035	1.59%	1.59%
10/1/2036	2.00%	2.00%
10/1/2037	2.51%	2.51%
10/1/2038	2.88%	2.88%
10/1/2039	3.13%	3.13%
10/1/2040	3.38%	3.38%
10/1/2041	3.61%	3.61%
10/1/2042	3.76%	3.76%
10/1/2043	3.89%	3.89%
10/1/2044	4.01%	4.01%
10/1/2045	4.13%	4.13%
10/1/2046	4.24%	4.24%
10/1/2047	4.34%	4.34%
10/1/2048	4.43%	4.43%
10/1/2049	4.51%	4.51%
10/1/2050	4.58%	4.58%
10/1/2051	4.65%	4.65%
10/1/2052	4.75%	4.75%
10/1/2053	4.85%	4.85%
10/1/2054	4.95%	4.95%
10/1/2055	5.05%	5.05%
10/1/2056	5.15%	5.15%
10/1/2057	5.25%	5.25%
10/1/2058	5.35%	5.35%
10/1/2059	5.45%	5.45%
10/1/2060	5.55%	5.55%
10/1/2061	5.65%	5.65%

Price
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100

Fixed Rate Scales

2032

	Yield	Coupon	Price
10/1/2033	0.57%	0.57%	100
10/1/2034	0.87%	0.87%	100
10/1/2035	1.24%	1.24%	100
10/1/2036	1.59%	1.59%	100
10/1/2037	2.00%	2.00%	100
10/1/2038	2.51%	2.51%	100
10/1/2039	2.88%	2.88%	100
10/1/2040	3.13%	3.13%	100
10/1/2041	3.38%	3.38%	100
10/1/2042	3.61%	3.61%	100
10/1/2043	3.76%	3.76%	100
10/1/2044	3.89%	3.89%	100
10/1/2045	4.01%	4.01%	100
10/1/2046	4.13%	4.13%	100
10/1/2047	4.24%	4.24%	100
10/1/2048	4.34%	4.34%	100
10/1/2049	4.43%	4.43%	100
10/1/2050	4.51%	4.51%	100
10/1/2051	4.58%	4.58%	100
10/1/2052	4.65%	4.65%	100
10/1/2053	4.75%	4.75%	100
10/1/2054	4.85%	4.85%	100
10/1/2055	4.95%	4.95%	100
10/1/2056	5.05%	5.05%	100
10/1/2057	5.15%	5.15%	100
10/1/2058	5.25%	5.25%	100
10/1/2059	5.35%	5.35%	100
10/1/2060	5.45%	5.45%	100
10/1/2061	5.55%	5.55%	100
10/1/2062	5.65%	5.65%	100

Fixed Rate Scales 2033			
	Yield	Coupon	Price
10/1/2034	0.57%	0.57%	100
10/1/2035	0.87%	0.87%	100
10/1/2036	1.24%	1.24%	100
10/1/2037	1.59%	1.59%	100
10/1/2038	2.00%	2.00%	100
10/1/2039	2.51%	2.51%	100
10/1/2040	2.88%	2.88%	100
10/1/2041	3.13%	3.13%	100
10/1/2042	3.38%	3.38%	100
10/1/2043	3.61%	3.61%	100
10/1/2044	3.76%	3.76%	100
10/1/2045	3.89%	3.89%	100
10/1/2046	4.01%	4.01%	100
10/1/2047	4.13%	4.13%	100
10/1/2048	4.24%	4.24%	100
10/1/2049	4.34%	4.34%	100
10/1/2050	4.43%	4.43%	100
10/1/2051	4.51%	4.51%	100
10/1/2052	4.58%	4.58%	100
10/1/2053	4.65%	4.65%	100
10/1/2054	4.75%	4.75%	100
10/1/2055	4.85%	4.85%	100
10/1/2056	4.95%	4.95%	100
10/1/2057	5.05%	5.05%	100
10/1/2058	5.15%	5.15%	100
10/1/2059	5.25%	5.25%	100
10/1/2060	5.35%	5.35%	100
10/1/2061	5.45%	5.45%	100
10/1/2062	5.55%	5.55%	100
10/1/2063	5.65%	5.65%	100

Fixed Rate Scales 2034	
	Yield
10/1/2035	0.57%
10/1/2036	0.87%
10/1/2037	1.24%
10/1/2038	1.59%
10/1/2039	2.00%
10/1/2040	2.51%
10/1/2041	2.88%
10/1/2042	3.13%
10/1/2043	3.38%
10/1/2044	3.61%
10/1/2045	3.76%
10/1/2046	3.89%
10/1/2047	4.01%
10/1/2048	4.13%
10/1/2049	4.24%
10/1/2050	4.34%
10/1/2051	4.43%
10/1/2052	4.51%
10/1/2053	4.58%
10/1/2054	4.65%
10/1/2055	4.75%
10/1/2056	4.85%
10/1/2057	4.95%
10/1/2058	5.05%
10/1/2059	5.15%
10/1/2060	5.25%
10/1/2061	5.35%
10/1/2062	5.45%
10/1/2063	5.55%
10/1/2064	5.65%

Coupon	Price
0.57%	100
0.87%	100
1.24%	100
1.59%	100
2.00%	100
2.51%	100
2.88%	100
3.13%	100
3.38%	100
3.61%	100
3.76%	100
3.89%	100
4.01%	100
4.13%	100
4.24%	100
4.34%	100
4.43%	100
4.51%	100
4.58%	100
4.65%	100
4.75%	100
4.85%	100
4.95%	100
5.05%	100
5.15%	100
5.25%	100
5.35%	100
5.45%	100
5.55%	100
5.65%	100

Fixed Rate Scales

2035

	Yield	Coupon	Price
10/1/2036	0.57%	0.57%	100
10/1/2037	0.87%	0.87%	100
10/1/2038	1.24%	1.24%	100
10/1/2039	1.59%	1.59%	100
10/1/2040	2.00%	2.00%	100
10/1/2041	2.51%	2.51%	100
10/1/2042	2.88%	2.88%	100
10/1/2043	3.13%	3.13%	100
10/1/2044	3.38%	3.38%	100
10/1/2045	3.61%	3.61%	100
10/1/2046	3.76%	3.76%	100
10/1/2047	3.89%	3.89%	100
10/1/2048	4.01%	4.01%	100
10/1/2049	4.13%	4.13%	100
10/1/2050	4.24%	4.24%	100
10/1/2051	4.34%	4.34%	100
10/1/2052	4.43%	4.43%	100
10/1/2053	4.51%	4.51%	100
10/1/2054	4.58%	4.58%	100
10/1/2055	4.65%	4.65%	100
10/1/2056	4.75%	4.75%	100
10/1/2057	4.85%	4.85%	100
10/1/2058	4.95%	4.95%	100
10/1/2059	5.05%	5.05%	100
10/1/2060	5.15%	5.15%	100
10/1/2061	5.25%	5.25%	100
10/1/2062	5.35%	5.35%	100
10/1/2063	5.45%	5.45%	100
10/1/2064	5.55%	5.55%	100
10/1/2065	5.65%	5.65%	100

Fixed Rate Scales 2036			
	Yield	Coupon	Price
10/1/2037	0.57%	0.57%	100
10/1/2038	0.87%	0.87%	100
10/1/2039	1.24%	1.24%	100
10/1/2040	1.59%	1.59%	100
10/1/2041	2.00%	2.00%	100
10/1/2042	2.51%	2.51%	100
10/1/2043	2.88%	2.88%	100
10/1/2044	3.13%	3.13%	100
10/1/2045	3.38%	3.38%	100
10/1/2046	3.61%	3.61%	100
10/1/2047	3.76%	3.76%	100
10/1/2048	3.89%	3.89%	100
10/1/2049	4.01%	4.01%	100
10/1/2050	4.13%	4.13%	100
10/1/2051	4.24%	4.24%	100
10/1/2052	4.34%	4.34%	100
10/1/2053	4.43%	4.43%	100
10/1/2054	4.51%	4.51%	100
10/1/2055	4.58%	4.58%	100
10/1/2056	4.65%	4.65%	100
10/1/2057	4.75%	4.75%	100
10/1/2058	4.85%	4.85%	100
10/1/2059	4.95%	4.95%	100
10/1/2060	5.05%	5.05%	100
10/1/2061	5.15%	5.15%	100
10/1/2062	5.25%	5.25%	100
10/1/2063	5.35%	5.35%	100
10/1/2064	5.45%	5.45%	100
10/1/2065	5.55%	5.55%	100
10/1/2066	5.65%	5.65%	100

Fixed Rate S 2037
10/1/2038
10/1/2039
10/1/2040
10/1/2041
10/1/2042
10/1/2043
10/1/2044
10/1/2045
10/1/2046
10/1/2047
10/1/2048
10/1/2049
10/1/2050
10/1/2051
10/1/2052
10/1/2053
10/1/2054
10/1/2055
10/1/2056
10/1/2057
10/1/2058
10/1/2059
10/1/2060
10/1/2061
10/1/2062
10/1/2063
10/1/2064
10/1/2065
10/1/2066
10/1/2067

Scales		
Yield	Coupon	Price
0.57%	0.57%	100
0.87%	0.87%	100
1.24%	1.24%	100
1.59%	1.59%	100
2.00%	2.00%	100
2.51%	2.51%	100
2.88%	2.88%	100
3.13%	3.13%	100
3.38%	3.38%	100
3.61%	3.61%	100
3.76%	3.76%	100
3.89%	3.89%	100
4.01%	4.01%	100
4.13%	4.13%	100
4.24%	4.24%	100
4.34%	4.34%	100
4.43%	4.43%	100
4.51%	4.51%	100
4.58%	4.58%	100
4.65%	4.65%	100
4.75%	4.75%	100
4.85%	4.85%	100
4.95%	4.95%	100
5.05%	5.05%	100
5.15%	5.15%	100
5.25%	5.25%	100
5.35%	5.35%	100
5.45%	5.45%	100
5.55%	5.55%	100
5.65%	5.65%	100

Fixed Rate Scales 2038		
	Yield	Coupon
10/1/2039	0.57%	0.57%
10/1/2040	0.87%	0.87%
10/1/2041	1.24%	1.24%
10/1/2042	1.59%	1.59%
10/1/2043	2.00%	2.00%
10/1/2044	2.51%	2.51%
10/1/2045	2.88%	2.88%
10/1/2046	3.13%	3.13%
10/1/2047	3.38%	3.38%
10/1/2048	3.61%	3.61%
10/1/2049	3.76%	3.76%
10/1/2050	3.89%	3.89%
10/1/2051	4.01%	4.01%
10/1/2052	4.13%	4.13%
10/1/2053	4.24%	4.24%
10/1/2054	4.34%	4.34%
10/1/2055	4.43%	4.43%
10/1/2056	4.51%	4.51%
10/1/2057	4.58%	4.58%
10/1/2058	4.65%	4.65%
10/1/2059	4.75%	4.75%
10/1/2060	4.85%	4.85%
10/1/2061	4.95%	4.95%
10/1/2062	5.05%	5.05%
10/1/2063	5.15%	5.15%
10/1/2064	5.25%	5.25%
10/1/2065	5.35%	5.35%
10/1/2066	5.45%	5.45%
10/1/2067	5.55%	5.55%
10/1/2068	5.65%	5.65%

Price
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100

Fixed Rate Scales

2039

	Yield	Coupon	Price
10/1/2040	0.57%	0.57%	100
10/1/2041	0.87%	0.87%	100
10/1/2042	1.24%	1.24%	100
10/1/2043	1.59%	1.59%	100
10/1/2044	2.00%	2.00%	100
10/1/2045	2.51%	2.51%	100
10/1/2046	2.88%	2.88%	100
10/1/2047	3.13%	3.13%	100
10/1/2048	3.38%	3.38%	100
10/1/2049	3.61%	3.61%	100
10/1/2050	3.76%	3.76%	100
10/1/2051	3.89%	3.89%	100
10/1/2052	4.01%	4.01%	100
10/1/2053	4.13%	4.13%	100
10/1/2054	4.24%	4.24%	100
10/1/2055	4.34%	4.34%	100
10/1/2056	4.43%	4.43%	100
10/1/2057	4.51%	4.51%	100
10/1/2058	4.58%	4.58%	100
10/1/2059	4.65%	4.65%	100
10/1/2060	4.75%	4.75%	100
10/1/2061	4.85%	4.85%	100
10/1/2062	4.95%	4.95%	100
10/1/2063	5.05%	5.05%	100
10/1/2064	5.15%	5.15%	100
10/1/2065	5.25%	5.25%	100
10/1/2066	5.35%	5.35%	100
10/1/2067	5.45%	5.45%	100
10/1/2068	5.55%	5.55%	100
10/1/2069	5.65%	5.65%	100

Fixed Rate Scales 2040			
	Yield	Coupon	Price
10/1/2041	0.57%	0.57%	100
10/1/2042	0.87%	0.87%	100
10/1/2043	1.24%	1.24%	100
10/1/2044	1.59%	1.59%	100
10/1/2045	2.00%	2.00%	100
10/1/2046	2.51%	2.51%	100
10/1/2047	2.88%	2.88%	100
10/1/2048	3.13%	3.13%	100
10/1/2049	3.38%	3.38%	100
10/1/2050	3.61%	3.61%	100
10/1/2051	3.76%	3.76%	100
10/1/2052	3.89%	3.89%	100
10/1/2053	4.01%	4.01%	100
10/1/2054	4.13%	4.13%	100
10/1/2055	4.24%	4.24%	100
10/1/2056	4.34%	4.34%	100
10/1/2057	4.43%	4.43%	100
10/1/2058	4.51%	4.51%	100
10/1/2059	4.58%	4.58%	100
10/1/2060	4.65%	4.65%	100
10/1/2061	4.75%	4.75%	100
10/1/2062	4.85%	4.85%	100
10/1/2063	4.95%	4.95%	100
10/1/2064	5.05%	5.05%	100
10/1/2065	5.15%	5.15%	100
10/1/2066	5.25%	5.25%	100
10/1/2067	5.35%	5.35%	100
10/1/2068	5.45%	5.45%	100
10/1/2069	5.55%	5.55%	100
10/1/2070	5.65%	5.65%	100

Fixed Rate Scales 2041	
	Yield
10/1/2042	0.57%
10/1/2043	0.87%
10/1/2044	1.24%
10/1/2045	1.59%
10/1/2046	2.00%
10/1/2047	2.51%
10/1/2048	2.88%
10/1/2049	3.13%
10/1/2050	3.38%
10/1/2051	3.61%
10/1/2052	3.76%
10/1/2053	3.89%
10/1/2054	4.01%
10/1/2055	4.13%
10/1/2056	4.24%
10/1/2057	4.34%
10/1/2058	4.43%
10/1/2059	4.51%
10/1/2060	4.58%
10/1/2061	4.65%
10/1/2062	4.75%
10/1/2063	4.85%
10/1/2064	4.95%
10/1/2065	5.05%
10/1/2066	5.15%
10/1/2067	5.25%
10/1/2068	5.35%
10/1/2069	5.45%
10/1/2070	5.55%
10/1/2071	5.65%

Coupon	Price
0.57%	100
0.87%	100
1.24%	100
1.59%	100
2.00%	100
2.51%	100
2.88%	100
3.13%	100
3.38%	100
3.61%	100
3.76%	100
3.89%	100
4.01%	100
4.13%	100
4.24%	100
4.34%	100
4.43%	100
4.51%	100
4.58%	100
4.65%	100
4.75%	100
4.85%	100
4.95%	100
5.05%	100
5.15%	100
5.25%	100
5.35%	100
5.45%	100
5.55%	100
5.65%	100

Fixed Rate Scales

2042

	Yield	Coupon	Price
10/1/2043	0.57%	0.57%	100
10/1/2044	0.87%	0.87%	100
10/1/2045	1.24%	1.24%	100
10/1/2046	1.59%	1.59%	100
10/1/2047	2.00%	2.00%	100
10/1/2048	2.51%	2.51%	100
10/1/2049	2.88%	2.88%	100
10/1/2050	3.13%	3.13%	100
10/1/2051	3.38%	3.38%	100
10/1/2052	3.61%	3.61%	100
10/1/2053	3.76%	3.76%	100
10/1/2054	3.89%	3.89%	100
10/1/2055	4.01%	4.01%	100
10/1/2056	4.13%	4.13%	100
10/1/2057	4.24%	4.24%	100
10/1/2058	4.34%	4.34%	100
10/1/2059	4.43%	4.43%	100
10/1/2060	4.51%	4.51%	100
10/1/2061	4.58%	4.58%	100
10/1/2062	4.65%	4.65%	100
10/1/2063	4.75%	4.75%	100
10/1/2064	4.85%	4.85%	100
10/1/2065	4.95%	4.95%	100
10/1/2066	5.05%	5.05%	100
10/1/2067	5.15%	5.15%	100
10/1/2068	5.25%	5.25%	100
10/1/2069	5.35%	5.35%	100
10/1/2070	5.45%	5.45%	100
10/1/2071	5.55%	5.55%	100
10/1/2072	5.65%	5.65%	100

Fixed Rate Scales 2043			
	Yield	Coupon	Price
10/1/2044	0.57%	0.57%	100
10/1/2045	0.87%	0.87%	100
10/1/2046	1.24%	1.24%	100
10/1/2047	1.59%	1.59%	100
10/1/2048	2.00%	2.00%	100
10/1/2049	2.51%	2.51%	100
10/1/2050	2.88%	2.88%	100
10/1/2051	3.13%	3.13%	100
10/1/2052	3.38%	3.38%	100
10/1/2053	3.61%	3.61%	100
10/1/2054	3.76%	3.76%	100
10/1/2055	3.89%	3.89%	100
10/1/2056	4.01%	4.01%	100
10/1/2057	4.13%	4.13%	100
10/1/2058	4.24%	4.24%	100
10/1/2059	4.34%	4.34%	100
10/1/2060	4.43%	4.43%	100
10/1/2061	4.51%	4.51%	100
10/1/2062	4.58%	4.58%	100
10/1/2063	4.65%	4.65%	100
10/1/2064	4.75%	4.75%	100
10/1/2065	4.85%	4.85%	100
10/1/2066	4.95%	4.95%	100
10/1/2067	5.05%	5.05%	100
10/1/2068	5.15%	5.15%	100
10/1/2069	5.25%	5.25%	100
10/1/2070	5.35%	5.35%	100
10/1/2071	5.45%	5.45%	100
10/1/2072	5.55%	5.55%	100
10/1/2073	5.65%	5.65%	100

Fixed Rate S 2044
10/1/2045
10/1/2046
10/1/2047
10/1/2048
10/1/2049
10/1/2050
10/1/2051
10/1/2052
10/1/2053
10/1/2054
10/1/2055
10/1/2056
10/1/2057
10/1/2058
10/1/2059
10/1/2060
10/1/2061
10/1/2062
10/1/2063
10/1/2064
10/1/2065
10/1/2066
10/1/2067
10/1/2068
10/1/2069
10/1/2070
10/1/2071
10/1/2072
10/1/2073
10/1/2074

Scales		
Yield	Coupon	Price
0.57%	0.57%	100
0.87%	0.87%	100
1.24%	1.24%	100
1.59%	1.59%	100
2.00%	2.00%	100
2.51%	2.51%	100
2.88%	2.88%	100
3.13%	3.13%	100
3.38%	3.38%	100
3.61%	3.61%	100
3.76%	3.76%	100
3.89%	3.89%	100
4.01%	4.01%	100
4.13%	4.13%	100
4.24%	4.24%	100
4.34%	4.34%	100
4.43%	4.43%	100
4.51%	4.51%	100
4.58%	4.58%	100
4.65%	4.65%	100
4.75%	4.75%	100
4.85%	4.85%	100
4.95%	4.95%	100
5.05%	5.05%	100
5.15%	5.15%	100
5.25%	5.25%	100
5.35%	5.35%	100
5.45%	5.45%	100
5.55%	5.55%	100
5.65%	5.65%	100

Fixed Rate Scales 2045		
	Yield	Coupon
10/1/2046	0.57%	0.57%
10/1/2047	0.87%	0.87%
10/1/2048	1.24%	1.24%
10/1/2049	1.59%	1.59%
10/1/2050	2.00%	2.00%
10/1/2051	2.51%	2.51%
10/1/2052	2.88%	2.88%
10/1/2053	3.13%	3.13%
10/1/2054	3.38%	3.38%
10/1/2055	3.61%	3.61%
10/1/2056	3.76%	3.76%
10/1/2057	3.89%	3.89%
10/1/2058	4.01%	4.01%
10/1/2059	4.13%	4.13%
10/1/2060	4.24%	4.24%
10/1/2061	4.34%	4.34%
10/1/2062	4.43%	4.43%
10/1/2063	4.51%	4.51%
10/1/2064	4.58%	4.58%
10/1/2065	4.65%	4.65%
10/1/2066	4.75%	4.75%
10/1/2067	4.85%	4.85%
10/1/2068	4.95%	4.95%
10/1/2069	5.05%	5.05%
10/1/2070	5.15%	5.15%
10/1/2071	5.25%	5.25%
10/1/2072	5.35%	5.35%
10/1/2073	5.45%	5.45%
10/1/2074	5.55%	5.55%
10/1/2075	5.65%	5.65%

Price
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100

Fixed Rate Scales

2046

	Yield	Coupon	Price
10/1/2047	0.57%	0.57%	100
10/1/2048	0.87%	0.87%	100
10/1/2049	1.24%	1.24%	100
10/1/2050	1.59%	1.59%	100
10/1/2051	2.00%	2.00%	100
10/1/2052	2.51%	2.51%	100
10/1/2053	2.88%	2.88%	100
10/1/2054	3.13%	3.13%	100
10/1/2055	3.38%	3.38%	100
10/1/2056	3.61%	3.61%	100
10/1/2057	3.76%	3.76%	100
10/1/2058	3.89%	3.89%	100
10/1/2059	4.01%	4.01%	100
10/1/2060	4.13%	4.13%	100
10/1/2061	4.24%	4.24%	100
10/1/2062	4.34%	4.34%	100
10/1/2063	4.43%	4.43%	100
10/1/2064	4.51%	4.51%	100
10/1/2065	4.58%	4.58%	100
10/1/2066	4.65%	4.65%	100
10/1/2067	4.75%	4.75%	100
10/1/2068	4.85%	4.85%	100
10/1/2069	4.95%	4.95%	100
10/1/2070	5.05%	5.05%	100
10/1/2071	5.15%	5.15%	100
10/1/2072	5.25%	5.25%	100
10/1/2073	5.35%	5.35%	100
10/1/2074	5.45%	5.45%	100
10/1/2075	5.55%	5.55%	100
10/1/2076	5.65%	5.65%	100

Fixed Rate Scales			
2047			
	Yield	Coupon	Price
10/1/2048	0.57%	0.57%	100
10/1/2049	0.87%	0.87%	100
10/1/2050	1.24%	1.24%	100
10/1/2051	1.59%	1.59%	100
10/1/2052	2.00%	2.00%	100
10/1/2053	2.51%	2.51%	100
10/1/2054	2.88%	2.88%	100
10/1/2055	3.13%	3.13%	100
10/1/2056	3.38%	3.38%	100
10/1/2057	3.61%	3.61%	100
10/1/2058	3.76%	3.76%	100
10/1/2059	3.89%	3.89%	100
10/1/2060	4.01%	4.01%	100
10/1/2061	4.13%	4.13%	100
10/1/2062	4.24%	4.24%	100
10/1/2063	4.34%	4.34%	100
10/1/2064	4.43%	4.43%	100
10/1/2065	4.51%	4.51%	100
10/1/2066	4.58%	4.58%	100
10/1/2067	4.65%	4.65%	100
10/1/2068	4.75%	4.75%	100
10/1/2069	4.85%	4.85%	100
10/1/2070	4.95%	4.95%	100
10/1/2071	5.05%	5.05%	100
10/1/2072	5.15%	5.15%	100
10/1/2073	5.25%	5.25%	100
10/1/2074	5.35%	5.35%	100
10/1/2075	5.45%	5.45%	100
10/1/2076	5.55%	5.55%	100
10/1/2077	5.65%	5.65%	100

MODEL IS BASED ON PSC SYSTEM CAPACITY PLANNING ASSUMPTIONS

*** ASSUMPTIONS AND FORECAST DO NOT REPRESENT A MANAGEMENT CASE FORECAST FOR FINA

				Total DS
	Electric System	Power Park	Scherer BPS	Water & Sewer
10/1/2018	207,601,603	12,925,270	9,942,757	116,626,172
10/1/2019	198,988,858	24,907,870	10,109,437	119,657,770
10/1/2020	141,056,138	23,784,195	10,691,367	120,109,648
10/1/2021	136,439,263	24,068,940	10,578,422	120,309,500
10/1/2022	132,609,356	24,595,340	10,543,742	118,300,525
10/1/2023	121,630,262	24,557,928	10,487,622	115,342,412
10/1/2024	132,235,744	24,506,363	7,493,162	111,424,425
10/1/2025	153,674,105	24,464,370	6,808,442	113,177,905
10/1/2026	165,840,644	24,361,661	6,552,501	105,161,664
10/1/2027	166,730,892	24,259,318	6,302,256	101,733,407
10/1/2028	159,926,933	24,142,186	6,923,939	98,829,637
10/1/2029	154,187,066	20,561,194	7,872,262	101,046,847
10/1/2030	151,271,120	20,502,600	7,620,627	93,362,754
10/1/2031	142,614,737	20,464,225	3,550,894	90,751,460
10/1/2032	136,527,941	13,299,300	3,530,644	93,991,702
10/1/2033	146,851,889	11,676,006	3,366,044	91,417,131
10/1/2034	129,087,199	12,409,663	3,708,844	92,193,707
10/1/2035	124,989,377	12,339,350	3,708,844	97,721,880
10/1/2036	126,520,331	12,252,550	3,710,144	94,223,804
10/1/2037	109,023,012	12,371,800	3,706,081	92,591,306
10/1/2038	69,937,156	4,007,400	4,711,656	87,463,525
10/1/2039	52,520,918	4,009,200	-	80,438,219
10/1/2040	19,064,346	-	-	76,802,022
10/1/2041	13,559,219	-	-	63,068,013
10/1/2042	5,165,891	-	-	13,472,262
10/1/2043	5,072,758	-	-	10,017,631
10/1/2044	4,979,329	-	-	6,511,488
10/1/2045	-	-	-	-
10/1/2046	-	-	-	-
10/1/2047	-	-	-	-
10/1/2048	-	-	-	-
10/1/2049	-	-	-	-
10/1/2050	-	-	-	-
10/1/2051	-	-	-	-
10/1/2052	-	-	-	-
10/1/2053	-	-	-	-
10/1/2054	-	-	-	-
10/1/2055	-	-	-	-
10/1/2056	-	-	-	-
10/1/2057	-	-	-	-
10/1/2058	-	-	-	-

10/1/2059	-	-	-	-
10/1/2060	-	-	-	-
10/1/2061	-	-	-	-
10/1/2062	-	-	-	-
10/1/2063	-	-	-	-
10/1/2064	-	-	-	-
10/1/2065	-	-	-	-
10/1/2066	-	-	-	-
10/1/2067	-	-	-	-
10/1/2068	-	-	-	-
10/1/2069	-	-	-	-
10/1/2070	-	-	-	-
10/1/2071	-	-	-	-
10/1/2072	-	-	-	-
10/1/2073	-	-	-	-
10/1/2074	-	-	-	-
10/1/2075	-	-	-	-
10/1/2076	-	-	-	-
10/1/2077	-	-	-	-

NCIAL PURPOSES ***

District Energy System	Total		Electric System
3,019,084	350,114,886	**10/1/2018**	124,980,000
3,020,449	356,684,384	**10/1/2019**	116,230,000
3,020,550	298,661,898	**10/1/2020**	60,790,000
3,023,891	294,420,016	**10/1/2021**	59,140,000
3,021,208	289,070,171	**10/1/2022**	58,135,000
3,021,758	275,039,981	**10/1/2023**	49,935,000
3,021,095	278,680,789	**10/1/2024**	62,905,000
3,020,591	301,145,413	**10/1/2025**	87,305,000
3,019,888	304,936,358	**10/1/2026**	103,475,000
3,023,607	302,049,479	**10/1/2027**	109,085,000
3,022,702	292,845,397	**10/1/2028**	107,280,000
3,022,982	286,690,351	**10/1/2029**	106,170,000
3,019,237	275,776,338	**10/1/2030**	107,955,000
3,021,465	260,402,781	**10/1/2031**	103,930,000
3,021,654	250,371,240	**10/1/2032**	102,350,000
3,021,624	256,332,694	**10/1/2033**	117,220,000
3,021,148	240,420,561	**10/1/2034**	104,755,000
-	238,759,450	**10/1/2035**	104,930,000
-	236,706,829	**10/1/2036**	110,825,000
-	217,692,199	**10/1/2037**	97,965,000
-	166,119,737	**10/1/2038**	63,020,000
-	136,968,337	**10/1/2039**	48,300,000
-	95,866,368	**10/1/2040**	16,900,000
-	76,627,232	**10/1/2041**	12,185,000
-	18,638,152	**10/1/2042**	4,345,000
-	15,090,389	**10/1/2043**	4,515,000
-	11,490,817	**10/1/2044**	4,695,000
-	-	**10/1/2045**	-
-	-	**10/1/2046**	-
-	-	**10/1/2047**	-
-	-	**10/1/2048**	-
-	-	**10/1/2049**	-
-	-	**10/1/2050**	-
-	-	**10/1/2051**	-
-	-	**10/1/2052**	-
-	-	**10/1/2053**	-
-	-	**10/1/2054**	-
-	-	**10/1/2055**	-
-	-	**10/1/2056**	-
-	-	**10/1/2057**	-
-	-	**10/1/2058**	-

-	-	10/1/2059	-
-	-	10/1/2060	-
-	-	10/1/2061	-
-	-	10/1/2062	-
-	-	10/1/2063	-
-	-	10/1/2064	-
-	-	10/1/2065	-
-	-	10/1/2066	-
-	-	10/1/2067	-
-	-	10/1/2068	-
-	-	10/1/2069	-
-	-	10/1/2070	-
-	-	10/1/2071	-
-	-	10/1/2072	-
-	-	10/1/2073	-
-	-	10/1/2074	-
-	-	10/1/2075	-
-	-	10/1/2076	-
-	-	10/1/2077	-

Principal				
Power Park	Scherer BPS	Water & Sewer	District Energy System	Total
1,720,000	5,710,000	51,720,000	1,660,000	185,790,000
13,780,000	6,150,000	54,705,000	1,690,000	192,555,000
13,340,000	6,975,000	56,340,000	1,725,000	139,170,000
14,175,000	7,080,000	58,950,000	1,770,000	141,115,000
15,285,000	7,270,000	59,550,000	1,815,000	142,055,000
15,865,000	7,485,000	59,310,000	1,870,000	134,465,000
16,445,000	4,760,000	58,125,000	1,930,000	144,165,000
17,105,000	4,280,000	62,605,000	1,995,000	173,290,000
17,565,000	4,230,000	57,510,000	2,065,000	184,845,000
18,060,000	4,200,000	56,855,000	2,145,000	190,345,000
18,580,000	5,045,000	56,725,000	2,235,000	189,865,000
15,725,000	6,250,000	61,730,000	2,330,000	192,205,000
16,245,000	6,300,000	57,125,000	2,425,000	190,050,000
16,815,000	2,540,000	57,105,000	2,530,000	182,920,000
10,280,000	2,615,000	63,045,000	2,645,000	180,935,000
9,035,000	2,555,000	63,405,000	2,765,000	194,980,000
10,100,000	3,000,000	66,950,000	2,890,000	187,695,000
10,495,000	3,120,000	75,285,000	-	193,830,000
10,900,000	3,250,000	74,905,000	-	199,880,000
11,530,000	3,380,000	76,290,000	-	189,165,000
3,705,000	4,525,000	74,310,000	-	145,560,000
3,855,000	-	70,485,000	-	122,640,000
-	-	69,905,000	-	86,805,000
-	-	59,175,000	-	71,360,000
-	-	11,975,000	-	16,320,000
-	-	9,130,000	-	13,645,000
-	-	6,125,000	-	10,820,000
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-

-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-

			Interest			
			Electric System	Power Park	Scherer BPS	Water & Sewer
41,310,801	2018	10/1/2018	82,621,603	11,205,270	4,232,757	64,906,172
	2019	10/1/2019	82,758,858	11,127,870	3,959,437	64,952,770
	2020	10/1/2020	80,266,138	10,444,195	3,716,367	63,769,648
	2021	10/1/2021	77,299,263	9,893,940	3,498,422	61,359,500
	2022	10/1/2022	74,474,356	9,310,340	3,273,742	58,750,525
	2023	10/1/2023	71,695,262	8,692,928	3,002,622	56,032,412
	2024	10/1/2024	69,330,744	8,061,363	2,733,162	53,299,425
	2025	10/1/2025	66,369,105	7,359,370	2,528,442	50,572,905
	2026	10/1/2026	62,365,644	6,796,661	2,322,501	47,651,664
	2027	10/1/2027	57,645,892	6,199,318	2,102,256	44,878,407
	2028	10/1/2028	52,646,933	5,562,186	1,878,939	42,104,637
	2029	10/1/2029	48,017,066	4,836,194	1,622,262	39,316,847
	2030	10/1/2030	43,316,120	4,257,600	1,320,627	36,237,754
	2031	10/1/2031	38,684,737	3,649,225	1,010,894	33,646,460
	2032	10/1/2032	34,177,941	3,019,300	915,644	30,946,702
	2033	10/1/2033	29,631,889	2,641,006	811,044	28,012,131
	2034	10/1/2034	24,332,199	2,309,663	708,844	25,243,707
	2035	10/1/2035	20,059,377	1,844,350	588,844	22,436,880
	2036	10/1/2036	15,695,331	1,352,550	460,144	19,318,804
	2037	10/1/2037	11,058,012	841,800	326,081	16,301,306
	2038	10/1/2038	6,917,156	302,400	186,656	13,153,525
	2039	10/1/2039	4,220,918	154,200	-	9,953,219
	2040	10/1/2040	2,164,346	-	-	6,897,022
	2041	10/1/2041	1,374,219	-	-	3,893,013
	2042	10/1/2042	820,891	-	-	1,497,262
	2043	10/1/2043	557,758	-	-	887,631
	2044	10/1/2044	284,329	-	-	386,488
	2045	10/1/2045	-	-	-	-
	2046	10/1/2046	-	-	-	-
	2047	10/1/2047	-	-	-	-
	2048	10/1/2048	-	-	-	-
	2049	10/1/2049	-	-	-	-
	2050	10/1/2050	-	-	-	-
	2051	10/1/2051	-	-	-	-
	2052	10/1/2052	-	-	-	-
	2053	10/1/2053	-	-	-	-
	2054	10/1/2054	-	-	-	-
	2055	10/1/2055	-	-	-	-
	2056	10/1/2056	-	-	-	-
	2057	10/1/2057	-	-	-	-
	2058	10/1/2058	-	-	-	-

2059	10/1/2059	-	-	-	-
2060	10/1/2060	-	-	-	-
2061	10/1/2061	-	-	-	-
2062	10/1/2062	-	-	-	-
2063	10/1/2063	-	-	-	-
2064	10/1/2064	-	-	-	-
2065	10/1/2065	-	-	-	-
2066	10/1/2066	-	-	-	-
2067	10/1/2067	-	-	-	-
2068	10/1/2068	-	-	-	-
2069	10/1/2069	-	-	-	-
2070	10/1/2070	-	-	-	-
2071	10/1/2071	-	-	-	-
2072	10/1/2072	-	-	-	-
2073	10/1/2073	-	-	-	-
2074	10/1/2074	-	-	-	-
2075	10/1/2075	-	-	-	-
2076	10/1/2076	-	-	-	-
2077	10/1/2077	-	-	-	-

District Energ	Total		Electric System	Power Park
1,359,084	164,324,886	**10/1/2018**	2,049,320,000	280,605,000
1,330,449	164,129,384	**10/1/2019**	1,924,340,000	278,885,000
1,295,550	159,491,898	**10/1/2020**	1,808,110,000	265,105,000
1,253,891	153,305,016	**10/1/2021**	1,747,320,000	251,765,000
1,206,208	147,015,171	**10/1/2022**	1,688,180,000	237,590,000
1,151,758	140,574,981	**10/1/2023**	1,630,045,000	222,305,000
1,091,095	134,515,789	**10/1/2024**	1,580,110,000	206,440,000
1,025,591	127,855,413	**10/1/2025**	1,517,205,000	189,995,000
954,888	120,091,358	**10/1/2026**	1,429,900,000	172,890,000
878,607	111,704,479	**10/1/2027**	1,326,425,000	155,325,000
787,702	102,980,397	**10/1/2028**	1,217,340,000	137,265,000
692,982	94,485,351	**10/1/2029**	1,110,060,000	118,685,000
594,237	85,726,338	**10/1/2030**	1,003,890,000	102,960,000
491,465	77,482,781	**10/1/2031**	895,935,000	86,715,000
376,654	69,436,240	**10/1/2032**	792,005,000	69,900,000
256,624	61,352,694	**10/1/2033**	689,655,000	59,620,000
131,148	52,725,561	**10/1/2034**	572,435,000	50,585,000
-	44,929,450	**10/1/2035**	467,680,000	40,485,000
-	36,826,829	**10/1/2036**	362,750,000	29,990,000
-	28,527,199	**10/1/2037**	251,925,000	19,090,000
-	20,559,737	**10/1/2038**	153,960,000	7,560,000
-	14,328,337	**10/1/2039**	90,940,000	3,855,000
-	9,061,368	**10/1/2040**	42,640,000	-
-	5,267,232	**10/1/2041**	25,740,000	-
-	2,318,152	**10/1/2042**	13,555,000	-
-	1,445,389	**10/1/2043**	9,210,000	-
-	670,817	**10/1/2044**	4,695,000	-
-	-	**10/1/2045**	-	-
-	-	**10/1/2046**	-	-
-	-	**10/1/2047**	-	-
-	-	**10/1/2048**	-	-
-	-	**10/1/2049**	-	-
-	-	**10/1/2050**	-	-
-	-	**10/1/2051**	-	-
-	-	**10/1/2052**	-	-
-	-	**10/1/2053**	-	-
-	-	**10/1/2054**	-	-
-	-	**10/1/2055**	-	-
-	-	**10/1/2056**	-	-
-	-	**10/1/2057**	-	-
-	-	**10/1/2058**	-	-

-	-	10/1/2059	-	-
-	-	10/1/2060	-	-
-	-	10/1/2061	-	-
-	-	10/1/2062	-	-
-	-	10/1/2063	-	-
-	-	10/1/2064	-	-
-	-	10/1/2065	-	-
-	-	10/1/2066	-	-
-	-	10/1/2067	-	-
-	-	10/1/2068	-	-
-	-	10/1/2069	-	-
-	-	10/1/2070	-	-
-	-	10/1/2071	-	-
-	-	10/1/2072	-	-
-	-	10/1/2073	-	-
-	-	10/1/2074	-	-
-	-	10/1/2075	-	-
-	-	10/1/2076	-	-
-	-	10/1/2077	-	-

Total Par Outstanding				
Scherer BPS	Water & Sewer	District Energ	Total	
100,720,000	1,529,340,000	36,485,000	3,996,470,000	**2018**
95,010,000	1,477,620,000	34,825,000	3,810,680,000	**2019**
88,860,000	1,422,915,000	33,135,000	3,618,125,000	**2020**
81,885,000	1,366,575,000	31,410,000	3,478,955,000	**2021**
74,805,000	1,307,625,000	29,640,000	3,337,840,000	**2022**
67,535,000	1,248,075,000	27,825,000	3,195,785,000	**2023**
60,050,000	1,188,765,000	25,955,000	3,061,320,000	**2024**
55,290,000	1,130,640,000	24,025,000	2,917,155,000	**2025**
51,010,000	1,068,035,000	22,030,000	2,743,865,000	**2026**
46,780,000	1,010,525,000	19,965,000	2,559,020,000	**2027**
42,580,000	953,670,000	17,820,000	2,368,675,000	**2028**
37,535,000	896,945,000	15,585,000	2,178,810,000	**2029**
31,285,000	835,215,000	13,255,000	1,986,605,000	**2030**
24,985,000	778,090,000	10,830,000	1,796,555,000	**2031**
22,445,000	720,985,000	8,300,000	1,613,635,000	**2032**
19,830,000	657,940,000	5,655,000	1,432,700,000	**2033**
17,275,000	594,535,000	2,890,000	1,237,720,000	**2034**
14,275,000	527,585,000	-	1,050,025,000	**2035**
11,155,000	452,300,000	-	856,195,000	**2036**
7,905,000	377,395,000	-	656,315,000	**2037**
4,525,000	301,105,000	-	467,150,000	**2038**
-	226,795,000	-	321,590,000	**2039**
-	156,310,000	-	198,950,000	**2040**
-	86,405,000	-	112,145,000	**2041**
-	27,230,000	-	40,785,000	**2042**
-	15,255,000	-	24,465,000	**2043**
-	6,125,000	-	10,820,000	**2044**
-	-	-	-	**2045**
-	-	-	-	**2046**
-	-	-	-	**2047**
-	-	-	-	**2048**
-	-	-	-	**2049**
-	-	-	-	**2050**
-	-	-	-	**2051**
-	-	-	-	**2052**
-	-	-	-	**2053**
-	-	-	-	**2054**
-	-	-	-	**2055**
-	-	-	-	**2056**
-	-	-	-	**2057**
-	-	-	-	**2058**

-	-	-	-	**2059**
-	-	-	-	**2060**
-	-	-	-	**2061**
-	-	-	-	**2062**
-	-	-	-	**2063**
-	-	-	-	**2064**
-	-	-	-	**2065**
-	-	-	-	**2066**
-	-	-	-	**2067**
-	-	-	-	**2068**
-	-	-	-	**2069**
-	-	-	-	**2070**
-	-	-	-	**2071**
-	-	-	-	**2072**
-	-	-	-	**2073**
-	-	-	-	**2074**
-	-	-	-	**2075**
-	-	-	-	**2076**
-	-	-	-	**2077**

	Annual Amortization of Unamortized Premium/(Discount				
	Electric System	Power Park	Scherer BPS	Water & Sewer	District Ene
10/1/2018	12,915,365	1,040,533	48,090	10,715,965	(4,814)
10/1/2019	10,176,744	650,137	(33,901)	9,962,853	(4,814)
10/1/2020	8,774,887	451,683	(33,901)	9,286,334	(4,814)
10/1/2021	7,653,920	289,053	(29,998)	8,416,109	(4,814)
10/1/2022	6,666,126	157,299	(43,367)	7,537,519	(4,814)
10/1/2023	6,055,208	57,522	(35,573)	6,455,272	(4,814)
10/1/2024	5,440,089	(58,383)	(33,724)	5,487,607	(3,223)
10/1/2025	4,634,671	(40,720)	(32,312)	4,444,561	(1,618)
10/1/2026	3,744,373	(23,054)	(31,031)	3,612,084	-
10/1/2027	2,864,589	(9,242)	(29,657)	2,764,767	-
10/1/2028	2,292,235	(17,629)	(28,048)	2,019,297	-
10/1/2029	1,751,905	(14,003)	(23,146)	1,266,749	-
10/1/2030	1,339,128	(13,245)	(18,987)	957,217	-
10/1/2031	1,058,996	(7,554)	(15,883)	588,062	-
10/1/2032	719,510	(1,127)	(15,883)	245,359	-
10/1/2033	340,020	7,987	(14,831)	69,426	-
10/1/2034	358,441	6,349	(12,614)	3,301	-
10/1/2035	245,288	3,132	(9,652)	(34,578)	-
10/1/2036	120,999	(105)	(6,705)	(47)	-
10/1/2037	4,348	(3,372)	(3,769)	8,034	-
10/1/2038	(21,954)	(1,685)	-	(21,128)	-
10/1/2039	(13,169)	-	-	(50,512)	-
10/1/2040	(6,468)	-	-	(23,984)	-
10/1/2041	-	-	-	(1,564)	-
10/1/2042	-	-	-	(1,564)	-
10/1/2043	-	-	-	-	-
10/1/2044	-	-	-	-	-
10/1/2045	-	-	-	-	-
10/1/2046	-	-	-	-	-
10/1/2047	-	-	-	-	-
10/1/2048	-	-	-	-	-
10/1/2049	-	-	-	-	-
10/1/2050	-	-	-	-	-
10/1/2051	-	-	-	-	-
10/1/2052	-	-	-	-	-
10/1/2053	-	-	-	-	-
10/1/2054	-	-	-	-	-
10/1/2055	-	-	-	-	-
10/1/2056	-	-	-	-	-
10/1/2057	-	-	-	-	-
10/1/2058	-	-	-	-	-

10/1/2059	-	-	-	-	-
10/1/2060	-	-	-	-	-
10/1/2061	-	-	-	-	-
10/1/2062	-	-	-	-	-
10/1/2063	-	-	-	-	-
10/1/2064	-	-	-	-	-
10/1/2065	-	-	-	-	-
10/1/2066	-	-	-	-	-
10/1/2067	-	-	-	-	-
10/1/2068	-	-	-	-	-
10/1/2069	-	-	-	-	-
10/1/2070	-	-	-	-	-
10/1/2071	-	-	-	-	-
10/1/2072	-	-	-	-	-
10/1/2073	-	-	-	-	-
10/1/2074	-	-	-	-	-
10/1/2075	-	-	-	-	-
10/1/2076	-	-	-	-	-
10/1/2077	-	-	-	-	-

)			Total Varia		
Total			Electric System	Power Park	Scherer BPS
24,715,139	2018	10/1/2018	594,375,000	-	-
20,751,019	2019	10/1/2019	590,950,000	-	-
18,474,189	2020	10/1/2020	587,355,000	-	-
16,324,270	2021	10/1/2021	580,850,000	-	-
14,312,763	2022	10/1/2022	569,285,000	-	-
12,527,616	2023	10/1/2023	557,620,000	-	-
10,832,366	2024	10/1/2024	545,525,000	-	-
9,004,581	2025	10/1/2025	523,395,000	-	-
7,302,371	2026	10/1/2026	497,725,000	-	-
5,590,457	2027	10/1/2027	462,010,000	-	-
4,265,854	2028	10/1/2028	414,960,000	-	-
2,981,505	2029	10/1/2029	368,045,000	-	-
2,264,112	2030	10/1/2030	312,910,000	-	-
1,623,620	2031	10/1/2031	264,620,000	-	-
947,858	2032	10/1/2032	223,350,000	-	-
402,602	2033	10/1/2033	185,875,000	-	-
355,476	2034	10/1/2034	149,960,000	-	-
204,191	2035	10/1/2035	122,920,000	-	-
114,143	2036	10/1/2036	97,990,000	-	-
5,241	2037	10/1/2037	52,655,000	-	-
(44,768)	2038	10/1/2038	22,705,000	-	-
(63,681)	2039	10/1/2039	10,605,000	-	-
(30,452)	2040	10/1/2040	1,430,000	-	-
(1,564)	2041	10/1/2041	-	-	-
(1,564)	2042	10/1/2042	-	-	-
-	2043	10/1/2043	-	-	-
-	2044	10/1/2044	-	-	-
-	2045	10/1/2045	-	-	-
-	2046	10/1/2046	-	-	-
-	2047	10/1/2047	-	-	-
-	2048	10/1/2048	-	-	-
-	2049	10/1/2049	-	-	-
-	2050	10/1/2050	-	-	-
-	2051	10/1/2051	-	-	-
-	2052	10/1/2052	-	-	-
-	2053	10/1/2053	-	-	-
-	2054	10/1/2054	-	-	-
-	2055	10/1/2055	-	-	-
-	2056	10/1/2056	-	-	-
-	2057	10/1/2057	-	-	-
-	2058	10/1/2058	-	-	-

-	2059	10/1/2059	-	-	-
-	2060	10/1/2060	-	-	-
-	2061	10/1/2061	-	-	-
-	2062	10/1/2062	-	-	-
-	2063	10/1/2063	-	-	-
-	2064	10/1/2064	-	-	-
-	2065	10/1/2065	-	-	-
-	2066	10/1/2066	-	-	-
-	2067	10/1/2067	-	-	-
-	2068	10/1/2068	-	-	-
-	2069	10/1/2069	-	-	-
-	2070	10/1/2070	-	-	-
-	2071	10/1/2071	-	-	-
-	2072	10/1/2072	-	-	-
-	2073	10/1/2073	-	-	-
-	2074	10/1/2074	-	-	-
-	2075	10/1/2075	-	-	-
-	2076	10/1/2076	-	-	-
-	2077	10/1/2077	-	-	-

ble Rate Par				
Water & Sewer	District Energ	Total		
244,545,000	-	838,920,000	2018	10/1/2018
242,445,000	-	833,395,000	2019	10/1/2019
240,245,000	-	827,600,000	2020	10/1/2020
237,945,000	-	818,795,000	2021	10/1/2021
235,495,000	-	804,780,000	2022	10/1/2022
232,920,000	-	790,540,000	2023	10/1/2023
227,210,000	-	772,735,000	2024	10/1/2024
221,040,000	-	744,435,000	2025	10/1/2025
214,665,000	-	712,390,000	2026	10/1/2026
208,125,000	-	670,135,000	2027	10/1/2027
206,075,000	-	621,035,000	2028	10/1/2028
201,615,000	-	569,660,000	2029	10/1/2029
196,970,000	-	509,880,000	2030	10/1/2030
184,265,000	-	448,885,000	2031	10/1/2031
171,020,000	-	394,370,000	2032	10/1/2032
157,220,000	-	343,095,000	2033	10/1/2033
141,780,000	-	291,740,000	2034	10/1/2034
127,575,000	-	250,495,000	2035	10/1/2035
111,345,000	-	209,335,000	2036	10/1/2036
93,360,000	-	146,015,000	2037	10/1/2037
76,660,000	-	99,365,000	2038	10/1/2038
55,820,000	-	66,425,000	2039	10/1/2039
40,260,000	-	41,690,000	2040	10/1/2040
23,585,000	-	23,585,000	2041	10/1/2041
6,320,000	-	6,320,000	2042	10/1/2042
-	-	-	2043	10/1/2043
-	-	-	2044	10/1/2044
-	-	-	2045	10/1/2045
-	-	-	2046	10/1/2046
-	-	-	2047	10/1/2047
-	-	-	2048	10/1/2048
-	-	-	2049	10/1/2049
-	-	-	2050	10/1/2050
-	-	-	2051	10/1/2051
-	-	-	2052	10/1/2052
-	-	-	2053	10/1/2053
-	-	-	2054	10/1/2054
-	-	-	2055	10/1/2055
-	-	-	2056	10/1/2056
-	-	-	2057	10/1/2057
-	-	-	2058	10/1/2058

-	-	-	2059	10/1/2059
-	-	-	2060	10/1/2060
-	-	-	2061	10/1/2061
-	-	-	2062	10/1/2062
-	-	-	2063	10/1/2063
-	-	-	2064	10/1/2064
-	-	-	2065	10/1/2065
-	-	-	2066	10/1/2066
-	-	-	2067	10/1/2067
-	-	-	2068	10/1/2068
-	-	-	2069	10/1/2069
-	-	-	2070	10/1/2070
-	-	-	2071	10/1/2071
-	-	-	2072	10/1/2072
-	-	-	2073	10/1/2073
-	-	-	2074	10/1/2074
-	-	-	2075	10/1/2075
-	-	-	2076	10/1/2076
-	-	-	2077	10/1/2077

Total Senior Interest for DSRF Calculation - Assumes 4.385% variable rate					
Electric System	Power Park	Scherer BPS	Water & Sewer	District Energ	Total
48,600,492	11,205,270	4,232,757	61,344,115	1,359,084	126,741,717
46,983,706	11,127,870	3,959,437	59,436,763	1,330,449	122,838,224
44,856,365	10,444,195	3,716,367	57,462,559	1,295,550	117,775,036
43,643,371	9,893,940	3,498,422	55,508,261	1,253,891	113,797,885
42,481,230	9,310,340	3,273,742	53,353,530	1,206,208	109,625,049
41,120,469	8,692,928	3,002,622	51,034,135	1,151,758	105,001,911
40,114,111	8,061,363	2,733,162	48,437,695	1,091,095	100,437,426
39,039,241	7,359,370	2,528,442	45,816,283	1,025,591	95,768,927
37,844,336	6,796,661	2,322,501	43,087,121	954,888	91,005,507
36,377,109	6,199,318	2,102,256	40,401,971	878,607	85,959,260
33,087,102	5,562,186	1,878,939	37,766,939	787,702	79,082,867
29,935,684	4,836,194	1,622,262	35,123,755	692,982	72,210,877
26,704,330	4,257,600	1,320,627	32,197,037	594,237	65,073,830
23,305,751	3,649,225	1,010,894	30,027,164	491,465	58,484,498
20,860,341	3,019,300	915,644	27,677,640	376,654	52,849,578
18,977,157	2,641,006	811,044	25,155,985	256,624	47,841,816
16,531,828	2,309,663	708,844	22,821,070	131,148	42,502,553
14,344,071	1,844,350	588,844	20,678,368	-	37,455,633
11,394,727	1,352,550	460,144	18,083,527	-	31,290,948
8,315,813	841,800	326,081	15,595,342	-	25,079,036
5,800,042	302,400	186,656	12,729,240	-	19,018,338
3,874,497	154,200	-	9,811,326	-	13,840,023
2,169,851	-	-	6,806,623	-	8,976,474
1,374,219	-	-	3,854,016	-	5,228,235
820,891	-	-	1,391,794	-	2,212,684
557,758	-	-	757,831	-	1,315,589
284,329	-	-	386,488	-	670,817
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

		New Par Outstanding			
		Electric System	Power Park	Scherer BPS	Water & Sewer
2018	10/1/2018	-	-	-	-
2019	10/1/2019	-	-	-	-
2020	10/1/2020	-	-	-	-
2021	10/1/2021	-	-	-	-
2022	10/1/2022	42,846,286	-	-	-
2023	10/1/2023	96,464,938	-	-	-
2024	10/1/2024	149,873,849	-	-	-
2025	10/1/2025	210,867,703	-	-	-
2026	10/1/2026	264,491,938	-	-	-
2027	10/1/2027	323,246,171	-	-	-
2028	10/1/2028	381,877,696	-	-	-
2029	10/1/2029	434,745,651	-	-	-
2030	10/1/2030	496,610,864	-	-	-
2031	10/1/2031	544,503,404	-	-	-
2032	10/1/2032	590,799,638	-	-	-
2033	10/1/2033	654,193,011	-	-	-
2034	10/1/2034	709,975,866	-	-	-
2035	10/1/2035	773,423,129	-	-	-
2036	10/1/2036	839,321,478	-	-	-
2037	10/1/2037	894,451,484	-	-	-
2038	10/1/2038	902,321,159	-	-	-
2039	10/1/2039	902,321,159	-	-	-
2040	10/1/2040	902,321,159	-	-	-
2041	10/1/2041	901,853,921	-	-	-
2042	10/1/2042	895,876,450	-	-	-
2043	10/1/2043	881,313,883	-	-	-
2044	10/1/2044	866,070,209	-	-	-
2045	10/1/2045	850,095,203	-	-	-
2046	10/1/2046	828,451,590	-	-	-
2047	10/1/2047	805,824,017	-	-	-
2048	10/1/2048	782,142,913	-	-	-
2049	10/1/2049	757,333,614	-	-	-
2050	10/1/2050	731,316,721	-	-	-
2051	10/1/2051	704,006,883	-	-	-
2052	10/1/2052	675,312,042	-	-	-
2053	10/1/2053	645,132,569	-	-	-
2054	10/1/2054	613,360,994	-	-	-
2055	10/1/2055	579,888,079	-	-	-
2056	10/1/2056	544,601,842	-	-	-
2057	10/1/2057	507,386,757	-	-	-
2058	10/1/2058	468,123,826	-	-	-

2059	**10/1/2059**	426,689,065	-	-	-
2060	**10/1/2060**	382,952,593	-	-	-
2061	**10/1/2061**	336,778,568	-	-	-
2062	**10/1/2062**	288,024,211	-	-	-
2063	**10/1/2063**	236,539,902	-	-	-
2064	**10/1/2064**	182,167,470	-	-	-
2065	**10/1/2065**	124,739,350	-	-	-
2066	**10/1/2066**	64,079,079	-	-	-
2067	**10/1/2067**	-	-	-	-
2068	**10/1/2068**	-	-	-	-
2069	**10/1/2069**	-	-	-	-
2070	**10/1/2070**	-	-	-	-
2071	**10/1/2071**	-	-	-	-
2072	**10/1/2072**	-	-	-	-
2073	**10/1/2073**	-	-	-	-
2074	**10/1/2074**	-	-	-	-
2075	**10/1/2075**	-	-	-	-
2076	**10/1/2076**	-	-	-	-
2077	**10/1/2077**	-	-	-	-

District Energ	Total			Electric System	Power Park
-	-	2018	10/1/2018	-	-
-	-	2019	10/1/2019	-	-
-	-	2020	10/1/2020	-	-
-	-	2021	10/1/2021	-	-
-	42,846,286	2022	10/1/2022	-	-
-	96,464,938	2023	10/1/2023	-	-
-	149,873,849	2024	10/1/2024	-	-
-	210,867,703	2025	10/1/2025	-	-
-	264,491,938	2026	10/1/2026	-	-
-	323,246,171	2027	10/1/2027	-	-
-	381,877,696	2028	10/1/2028	-	-
-	434,745,651	2029	10/1/2029	-	-
-	496,610,864	2030	10/1/2030	-	-
-	544,503,404	2031	10/1/2031	-	-
-	590,799,638	2032	10/1/2032	-	-
-	654,193,011	2033	10/1/2033	-	-
-	709,975,866	2034	10/1/2034	-	-
-	773,423,129	2035	10/1/2035	-	-
-	839,321,478	2036	10/1/2036	-	-
-	894,451,484	2037	10/1/2037	-	-
-	902,321,159	2038	10/1/2038	-	-
-	902,321,159	2039	10/1/2039	-	-
-	902,321,159	2040	10/1/2040	467,238	-
-	901,853,921	2041	10/1/2041	5,977,471	-
-	895,876,450	2042	10/1/2042	14,562,567	-
-	881,313,883	2043	10/1/2043	15,243,674	-
-	866,070,209	2044	10/1/2044	15,975,006	-
-	850,095,203	2045	10/1/2045	21,643,613	-
-	828,451,590	2046	10/1/2046	22,627,573	-
-	805,824,017	2047	10/1/2047	23,681,104	-
-	782,142,913	2048	10/1/2048	24,809,299	-
-	757,333,614	2049	10/1/2049	26,016,893	-
-	731,316,721	2050	10/1/2050	27,309,838	-
-	704,006,883	2051	10/1/2051	28,694,841	-
-	675,312,042	2052	10/1/2052	30,179,473	-
-	645,132,569	2053	10/1/2053	31,771,575	-
-	613,360,994	2054	10/1/2054	33,472,915	-
-	579,888,079	2055	10/1/2055	35,286,237	-
-	544,601,842	2056	10/1/2056	37,215,085	-
-	507,386,757	2057	10/1/2057	39,262,931	-
-	468,123,826	2058	10/1/2058	41,434,761	-

-	426,689,065		**2059**	**10/1/2059**	43,736,472	-
-	382,952,593		**2060**	**10/1/2060**	46,174,025	-
-	336,778,568		**2061**	**10/1/2061**	48,754,357	-
-	288,024,211		**2062**	**10/1/2062**	51,484,309	-
-	236,539,902		**2063**	**10/1/2063**	54,372,432	-
-	182,167,470		**2064**	**10/1/2064**	57,428,120	-
-	124,739,350		**2065**	**10/1/2065**	60,660,271	-
-	64,079,079		**2066**	**10/1/2066**	64,079,079	-
-	-		**2067**	**10/1/2067**	-	-
-	-		**2068**	**10/1/2068**	-	-
-	-		**2069**	**10/1/2069**	-	-
-	-		**2070**	**10/1/2070**	-	-
-	-		**2071**	**10/1/2071**	-	-
-	-		**2072**	**10/1/2072**	-	-
-	-		**2073**	**10/1/2073**	-	-
-	-		**2074**	**10/1/2074**	-	-
-	-		**2075**	**10/1/2075**	-	-
-	-		**2076**	**10/1/2076**	-	-
-	-		**2077**	**10/1/2077**	-	-

New Par Amortization				
Scherer BPS	Water & Sewer	District Energy Sy	Total	
-	-	-	-	2018
-	-	-	-	2019
-	-	-	-	2020
-	-	-	-	2021
-	-	-	-	2022
-	-	-	-	2023
-	-	-	-	2024
-	-	-	-	2025
-	-	-	-	2026
-	-	-	-	2027
-	-	-	-	2028
-	-	-	-	2029
-	-	-	-	2030
-	-	-	-	2031
-	-	-	-	2032
-	-	-	-	2033
-	-	-	-	2034
-	-	-	-	2035
-	-	-	-	2036
-	-	-	-	2037
-	-	-	-	2038
-	-	-	-	2039
-	-	-	467,238	2040
-	-	-	5,977,471	2041
-	-	-	14,562,567	2042
-	-	-	15,243,674	2043
-	-	-	15,975,006	2044
-	-	-	21,643,613	2045
-	-	-	22,627,573	2046
-	-	-	23,681,104	2047
-	-	-	24,809,299	2048
-	-	-	26,016,893	2049
-	-	-	27,309,838	2050
-	-	-	28,694,841	2051
-	-	-	30,179,473	2052
-	-	-	31,771,575	2053
-	-	-	33,472,915	2054
-	-	-	35,286,237	2055
-	-	-	37,215,085	2056
-	-	-	39,262,931	2057
-	-	-	41,434,761	2058

-	-	-	43,736,472	**2059**
-	-	-	46,174,025	**2060**
-	-	-	48,754,357	**2061**
-	-	-	51,484,309	**2062**
-	-	-	54,372,432	**2063**
-	-	-	57,428,120	**2064**
-	-	-	60,660,271	**2065**
-	-	-	64,079,079	**2066**
-	-	-	-	**2067**
-	-	-	-	**2068**
-	-	-	-	**2069**
-	-	-	-	**2070**
-	-	-	-	**2071**
-	-	-	-	**2072**
-	-	-	-	**2073**
-	-	-	-	**2074**
-	-	-	-	**2075**
-	-	-	-	**2076**
-	-	-	-	**2077**

	New Debt Interest				
	Electric System	Power Park	Scherer BPS	Water & Sewer	District Energy S
10/1/2018	-	-	-	-	-
10/1/2019	-	-	-	-	-
10/1/2020	-	-	-	-	-
10/1/2021	-	-	-	-	-
10/1/2022	-	-	-	-	-
10/1/2023	2,282,352	-	-	-	-
10/1/2024	5,090,896	-	-	-	-
10/1/2025	7,894,136	-	-	-	-
10/1/2026	11,097,471	-	-	-	-
10/1/2027	13,945,445	-	-	-	-
10/1/2028	17,056,399	-	-	-	-
10/1/2029	20,180,765	-	-	-	-
10/1/2030	23,042,950	-	-	-	-
10/1/2031	26,364,063	-	-	-	-
10/1/2032	29,034,130	-	-	-	-
10/1/2033	31,649,867	-	-	-	-
10/1/2034	35,101,141	-	-	-	-
10/1/2035	38,224,120	-	-	-	-
10/1/2036	41,733,852	-	-	-	-
10/1/2037	45,390,653	-	-	-	-
10/1/2038	47,832,020	-	-	-	-
10/1/2039	48,163,442	-	-	-	-
10/1/2040	48,163,442	-	-	-	-
10/1/2041	48,158,335	-	-	-	-
10/1/2042	47,966,568	-	-	-	-
10/1/2043	47,378,594	-	-	-	-
10/1/2044	46,740,691	-	-	-	-
10/1/2045	46,051,412	-	-	-	-
10/1/2046	45,067,452	-	-	-	-
10/1/2047	44,013,921	-	-	-	-
10/1/2048	42,885,727	-	-	-	-
10/1/2049	41,678,133	-	-	-	-
10/1/2050	40,385,187	-	-	-	-
10/1/2051	39,000,184	-	-	-	-
10/1/2052	37,515,553	-	-	-	-
10/1/2053	35,923,450	-	-	-	-
10/1/2054	34,222,111	-	-	-	-
10/1/2055	32,408,788	-	-	-	-
10/1/2056	30,479,941	-	-	-	-
10/1/2057	28,432,095	-	-	-	-
10/1/2058	26,260,264	-	-	-	-

10/1/2059	23,958,554	-	-	-	-
10/1/2060	21,521,001	-	-	-	-
10/1/2061	18,940,668	-	-	-	-
10/1/2062	16,210,716	-	-	-	-
10/1/2063	13,322,593	-	-	-	-
10/1/2064	10,266,906	-	-	-	-
10/1/2065	7,034,754	-	-	-	-
10/1/2066	3,615,947	-	-	-	-
10/1/2067	-	-	-	-	-
10/1/2068	-	-	-	-	-
10/1/2069	-	-	-	-	-
10/1/2070	-	-	-	-	-
10/1/2071	-	-	-	-	-
10/1/2072	-	-	-	-	-
10/1/2073	-	-	-	-	-
10/1/2074	-	-	-	-	-
10/1/2075	-	-	-	-	-
10/1/2076	-	-	-	-	-
10/1/2077	-	-	-	-	-

			Swap E		
Total			Electric System	Power Park	Scherer BPS
-	2018	10/1/2018	(9,081)	-	-
-	2019	10/1/2019	(5,016)	-	-
-	2020	10/1/2020	(2,991)	-	-
-	2021	10/1/2021	(2,958)	-	-
-	2022	10/1/2022	(2,899)	-	-
2,282,352	2023	10/1/2023	(2,840)	-	-
5,090,896	2024	10/1/2024	(2,778)	-	-
7,894,136	2025	10/1/2025	(2,665)	-	-
11,097,471	2026	10/1/2026	(2,535)	-	-
13,945,445	2027	10/1/2027	(2,353)	-	-
17,056,399	2028	10/1/2028	(2,113)	-	-
20,180,765	2029	10/1/2029	(1,874)	-	-
23,042,950	2030	10/1/2030	(1,593)	-	-
26,364,063	2031	10/1/2031	(1,348)	-	-
29,034,130	2032	10/1/2032	(1,137)	-	-
31,649,867	2033	10/1/2033	(947)	-	-
35,101,141	2034	10/1/2034	(764)	-	-
38,224,120	2035	10/1/2035	(626)	-	-
41,733,852	2036	10/1/2036	(499)	-	-
45,390,653	2037	10/1/2037	(268)	-	-
47,832,020	2038	10/1/2038	(116)	-	-
48,163,442	2039	10/1/2039	(54)	-	-
48,163,442	2040	10/1/2040	(7)	-	-
48,158,335	2041	10/1/2041	-	-	-
47,966,568	2042	10/1/2042	-	-	-
47,378,594	2043	10/1/2043	-	-	-
46,740,691	2044	10/1/2044	-	-	-
46,051,412	2045	10/1/2045	-	-	-
45,067,452	2046	10/1/2046	-	-	-
44,013,921	2047	10/1/2047	-	-	-
42,885,727	2048	10/1/2048	-	-	-
41,678,133	2049	10/1/2049	-	-	-
40,385,187	2050	10/1/2050	-	-	-
39,000,184	2051	10/1/2051	-	-	-
37,515,553	2052	10/1/2052	-	-	-
35,923,450	2053	10/1/2053	-	-	-
34,222,111	2054	10/1/2054	-	-	-
32,408,788	2055	10/1/2055	-	-	-
30,479,941	2056	10/1/2056	-	-	-
28,432,095	2057	10/1/2057	-	-	-
26,260,264	2058	10/1/2058	-	-	-

23,958,554	**2059**	**10/1/2059**	-	-	-
21,521,001	**2060**	**10/1/2060**	-	-	-
18,940,668	**2061**	**10/1/2061**	-	-	-
16,210,716	**2062**	**10/1/2062**	-	-	-
13,322,593	**2063**	**10/1/2063**	-	-	-
10,266,906	**2064**	**10/1/2064**	-	-	-
7,034,754	**2065**	**10/1/2065**	-	-	-
3,615,947	**2066**	**10/1/2066**	-	-	-
-	**2067**	**10/1/2067**	-	-	-
-	**2068**	**10/1/2068**	-	-	-
-	**2069**	**10/1/2069**	-	-	-
-	**2070**	**10/1/2070**	-	-	-
-	**2071**	**10/1/2071**	-	-	-
-	**2072**	**10/1/2072**	-	-	-
-	**2073**	**10/1/2073**	-	-	-
-	**2074**	**10/1/2074**	-	-	-
-	**2075**	**10/1/2075**	-	-	-
-	**2076**	**10/1/2076**	-	-	-
-	**2077**	**10/1/2077**	-	-	-

Expense				Long Term Debt Outstanding
Water & Sewer	District Energy S	Total		
-	-	(9,081)	**9/30/2016**	1,808,110,000
-	-	(5,016)	**9/30/2017**	1,747,320,000
-	-	(2,991)	**9/30/2018**	1,688,180,000
-	-	(2,958)	**9/30/2019**	1,630,045,000
-	-	(2,899)	**9/30/2020**	1,622,956,286
-	-	(2,840)	**9/30/2021**	1,613,669,938
-	-	(2,778)	**9/30/2022**	1,579,773,849
-	-	(2,665)	**9/30/2023**	1,537,292,703
-	-	(2,535)	**9/30/2024**	1,481,831,938
-	-	(2,353)	**9/30/2025**	1,433,306,171
-	-	(2,113)	**9/30/2026**	1,385,767,696
-	-	(1,874)	**9/30/2027**	1,330,680,651
-	-	(1,593)	**9/30/2028**	1,288,615,864
-	-	(1,348)	**9/30/2029**	1,234,158,404
-	-	(1,137)	**9/30/2030**	1,163,234,638
-	-	(947)	**9/30/2031**	1,121,873,011
-	-	(764)	**9/30/2032**	1,072,725,866
-	-	(626)	**9/30/2033**	1,025,348,129
-	-	(499)	**9/30/2034**	993,281,478
-	-	(268)	**9/30/2035**	985,391,484
-	-	(116)	**9/30/2036**	944,961,159
-	-	(54)	**9/30/2037**	927,593,921
-	-	(7)	**9/30/2038**	909,431,450
-	-	-	**9/30/2039**	890,523,883
-	-	-	**9/30/2040**	870,765,209
-	-	-	**9/30/2041**	850,095,203
-	-	-	**9/30/2042**	828,451,590
-	-	-	**9/30/2043**	805,824,017
-	-	-	**9/30/2044**	782,142,913
-	-	-	**9/30/2045**	757,333,614
-	-	-	**9/30/2046**	731,316,721
-	-	-		704,006,883
-	-	-		675,312,042
-	-	-		645,132,569
-	-	-		613,360,994
-	-	-		579,888,079
-	-	-		544,601,842
-	-	-		507,386,757
-	-	-		468,123,826
-	-	-		426,689,065
-	-	-		382,952,593

-	-	-	336,778,568
-	-	-	288,024,211
-	-	-	236,539,902
-	-	-	182,167,470
-	-	-	124,739,350
-	-	-	64,079,079
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

	BABS Subsidy			
	Electric System	Power Park	Scherer BPS	Water & Sewer
10/1/2018	3,565,394	367,454	667,262	2,494,629
10/1/2019	3,533,303	343,984	624,800	2,481,117
10/1/2020	3,482,540	317,578	592,930	2,458,248
10/1/2021	3,450,906	289,233	550,979	2,452,384
10/1/2022	3,385,068	259,540	511,978	2,447,854
10/1/2023	3,316,820	228,260	470,528	2,440,885
10/1/2024	3,240,907	195,188	426,791	2,437,123
10/1/2025	3,097,301	160,362	380,711	2,429,350
10/1/2026	3,050,042	130,762	343,641	2,546,503
10/1/2027	2,814,237	89,602	279,409	2,426,574
10/1/2028	2,569,162	46,066	213,002	2,300,129
10/1/2029	2,411,420	-	144,418	2,196,878
10/1/2030	2,245,187	-	73,452	2,088,522
10/1/2031	2,070,352	-	-	1,974,964
10/1/2032	1,918,447	-	-	1,860,409
10/1/2033	1,732,347	-	-	1,739,920
10/1/2034	1,471,701	-	-	1,613,178
10/1/2035	1,200,748	-	-	1,478,433
10/1/2036	1,076,663	-	-	1,336,850
10/1/2037	948,001	-	-	1,187,900
10/1/2038	814,548	-	-	1,031,155
10/1/2039	674,483	-	-	866,093
10/1/2040	527,698	-	-	692,603
10/1/2041	375,911	-	-	510,053
10/1/2042	287,312	-	-	390,132
10/1/2043	195,215	-	-	265,241
10/1/2044	99,515	-	-	135,271
10/1/2045	-	-	-	-
10/1/2046	-	-	-	-
10/1/2047	-	-	-	-
10/1/2048	-	-	-	-
10/1/2049	-	-	-	-
10/1/2050	-	-	-	-
10/1/2051	-	-	-	-
10/1/2052	-	-	-	-
10/1/2053	-	-	-	-
10/1/2054	-	-	-	-
10/1/2055	-	-	-	-
10/1/2056	-	-	-	-
10/1/2057	-	-	-	-
10/1/2058	-	-	-	-

10/1/2059	-	-	-	-

District Energy Sy	Total		Electric System	Power Park
-	7,094,740	10/1/2018	-	-
-	6,983,204	10/1/2019	-	-
-	6,851,295	10/1/2020	-	-
-	6,743,502	10/1/2021	-	-
-	6,604,440	10/1/2022	-	-
-	6,456,493	10/1/2023	-	-
-	6,300,009	10/1/2024	-	-
-	6,067,725	10/1/2025	-	-
-	6,070,948	10/1/2026	-	-
-	5,609,822	10/1/2027	-	-
-	5,128,358	10/1/2028	-	-
-	4,752,716	10/1/2029	-	-
-	4,407,162	10/1/2030	-	-
-	4,045,316	10/1/2031	-	-
-	3,778,855	10/1/2032	-	-
-	3,472,268	10/1/2033	-	-
-	3,084,880	10/1/2034	-	-
-	2,679,181	10/1/2035	-	-
-	2,413,514	10/1/2036	-	-
-	2,135,901	10/1/2037	-	-
-	1,845,703	10/1/2038	-	-
-	1,540,575	10/1/2039	-	-
-	1,220,301	10/1/2040	-	-
-	885,964	10/1/2041	-	-
-	677,443	10/1/2042	-	-
-	460,456	10/1/2043	-	-
-	234,786	10/1/2044	-	-
-	-	10/1/2045	-	-
-	-	10/1/2046	-	-
-	-	10/1/2047	-	-
-	-	10/1/2048	-	-
-	-	10/1/2049	-	-
-	-	10/1/2050	-	-
-	-	10/1/2051	-	-
-	-	10/1/2052	-	-
-	-	10/1/2053	-	-
-	-	10/1/2054	-	-
-	-	10/1/2055	-	-
-	-	10/1/2056	-	-
-	-	10/1/2057	-	-
-	-	10/1/2058	-	-

-	-	**10/1/2059**	-	-

Defeased Principal Payments				
Scherer BPS	Water & Sewer	District Energ	Total	
-			-	10/1/2018
-			-	10/1/2019
-			-	10/1/2020
-			-	10/1/2021
-			-	10/1/2022
-			-	10/1/2023
-			-	10/1/2024
-			-	10/1/2025
-			-	10/1/2026
-			-	10/1/2027
-			-	10/1/2028
-			-	10/1/2029
-			-	10/1/2030
-			-	10/1/2031
-			-	10/1/2032
-			-	10/1/2033
-			-	10/1/2034
-			-	10/1/2035
-			-	10/1/2036
-			-	10/1/2037
-			-	10/1/2038
-			-	10/1/2039
-			-	10/1/2040
-			-	10/1/2041
-			-	10/1/2042
-			-	10/1/2043
-			-	10/1/2044
-			-	10/1/2045
-			-	10/1/2046
-			-	10/1/2047
-			-	10/1/2048
-			-	10/1/2049
-			-	10/1/2050
-			-	10/1/2051
-			-	10/1/2052
-			-	10/1/2053
-			-	10/1/2054
-			-	10/1/2055
-			-	10/1/2056
-			-	10/1/2057
-			-	10/1/2058

10/1/2059

Defeased Interest Payments					
Electric System	Power Park	Scherer BPS	Water & Sewer	District Energy S	Total
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

-	-	-	-	-	-

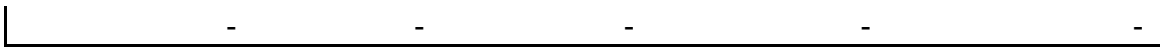
		Defeasanc		
		Electric System	Power Park	Scherer BPS
2018	10/1/2018	-	-	-
2019	10/1/2019	-	-	-
2020	10/1/2020	-	-	-
2021	10/1/2021	-	-	-
2022	10/1/2022	-	-	-
2023	10/1/2023	-	-	-
2024	10/1/2024	-	-	-
2025	10/1/2025	-	-	-
2026	10/1/2026	-	-	-
2027	10/1/2027	-	-	-
2028	10/1/2028	-	-	-
2029	10/1/2029	-	-	-
2030	10/1/2030	-	-	-
2031	10/1/2031	-	-	-
2032	10/1/2032	-	-	-
2033	10/1/2033	-	-	-
2034	10/1/2034	-	-	-
2035	10/1/2035	-	-	-
2036	10/1/2036	-	-	-
2037	10/1/2037	-	-	-
2038	10/1/2038	-	-	-
2039	10/1/2039	-	-	-
2040	10/1/2040	-	-	-
2041	10/1/2041	-	-	-
2042	10/1/2042	-	-	-
2043	10/1/2043	-	-	-
2044	10/1/2044	-	-	-
2045	10/1/2045	-	-	-
2046	10/1/2046	-	-	-
2047	10/1/2047	-	-	-
2048	10/1/2048	-	-	-
2049	10/1/2049	-	-	-
2050	10/1/2050	-	-	-
2051	10/1/2051	-	-	-
2052	10/1/2052	-	-	-
2053	10/1/2053	-	-	-
2054	10/1/2054	-	-	-
2055	10/1/2055	-	-	-
2056	10/1/2056	-	-	-
2057	10/1/2057	-	-	-
2058	10/1/2058	-	-	-

2059	**10/1/2059**	-	-	-

ce Escrow Cost				
Water & Sewer	District Energy S	Total		
-	-	-	2018	10/1/2018
-	-	-	2019	10/1/2019
-	-	-	2020	10/1/2020
-	-	-	2021	10/1/2021
-	-	-	2022	10/1/2022
-	-	-	2023	10/1/2023
-	-	-	2024	10/1/2024
-	-	-	2025	10/1/2025
-	-	-	2026	10/1/2026
-	-	-	2027	10/1/2027
-	-	-	2028	10/1/2028
-	-	-	2029	10/1/2029
-	-	-	2030	10/1/2030
-	-	-	2031	10/1/2031
-	-	-	2032	10/1/2032
-	-	-	2033	10/1/2033
-	-	-	2034	10/1/2034
-	-	-	2035	10/1/2035
-	-	-	2036	10/1/2036
-	-	-	2037	10/1/2037
-	-	-	2038	10/1/2038
-	-	-	2039	10/1/2039
-	-	-	2040	10/1/2040
-	-	-	2041	10/1/2041
-	-	-	2042	10/1/2042
-	-	-	2043	10/1/2043
-	-	-	2044	10/1/2044
-	-	-	2045	10/1/2045
-	-	-	2046	10/1/2046
-	-	-	2047	10/1/2047
-	-	-	2048	10/1/2048
-	-	-	2049	10/1/2049
-	-	-	2050	10/1/2050
-	-	-	2051	10/1/2051
-	-	-	2052	10/1/2052
-	-	-	2053	10/1/2053
-	-	-	2054	10/1/2054
-	-	-	2055	10/1/2055
-	-	-	2056	10/1/2056
-	-	-	2057	10/1/2057
-	-	-	2058	10/1/2058

-	-	-	2059	10/1/2059

Bonds Defeased By Year				
Electric System	Power Park	Scherer BPS	Water & Sewer	District Energy Sy
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-



Total
-
-
-

-

P for coverage	I for Coverage	P for PP	I for PP
26,496,875	16,193,308	8,710,037	16,193,308
26,091,875	14,984,452	(2,745,419)	14,984,452
38,255,000	13,730,239	10,589,771	13,730,239
38,905,625	11,975,072	32,520,505	11,975,072
19,937,500	10,154,598	19,654,104	10,154,598
-	-	-	-

26,496,875
26,091,875
38,255,000
38,905,625
19,937,500
-

16,193,308
14,984,452
13,730,239
11,975,072
10,154,598
-

MODEL IS BASED ON PSC SYSTEM CAPACITY PLANNING ASSUMPTIONS

*** ASSUMPTIONS AND FORECAST DO NOT REPRESENT A MANAGEMENT CASE FORECAST FOR FINANCIAL PU

JEA HEAT Model

Sources and Uses of Funds

Oct-1	2018	2019	2020
Sources			
Bond Proceeds:			
New Money Par Amount	-	-	-
Original Issue Premium/(Discount)	-	-	-
Total Sources	**-**	**-**	**-**
Uses			
New Money Project Fund Deposit	-	-	-
Delivery Date Expenses:			
Costs of Issuance	-	-	-
Underwriter's Discount	-	-	-
Additional Proceeds	-	-	-
Total Uses	**-**	**-**	**-**

JRPOSES ***

2021	2022	2023	2024	2025
-	42,846,286	53,618,652	53,408,911	60,993,854
-	-	-	-	-
-	**42,846,286**	**53,618,652**	**53,408,911**	**60,993,854**
-	-	-	-	-
-	-	-	-	-
-	171,385	214,475	213,636	243,975
-	42,674,901	53,404,177	53,195,275	60,749,879
-	**42,846,286**	**53,618,652**	**53,408,911**	**60,993,854**

2026	2027	2028	2029	2030
53,624,235	58,754,233	58,631,525	52,867,955	61,865,213
-	-	-	-	-
53,624,235	**58,754,233**	**58,631,525**	**52,867,955**	**61,865,213**
-	-	-	-	-
-	-	-	-	-
214,497	235,017	234,526	211,472	247,461
53,409,738	58,519,216	58,396,999	52,656,483	61,617,752
53,624,235	**58,754,233**	**58,631,525**	**52,867,955**	**61,865,213**

2031	2032	2033	2034	2035
47,892,540	46,296,234	63,393,373	55,782,855	63,447,263
-	-	-	-	-
47,892,540	**46,296,234**	**63,393,373**	**55,782,855**	**63,447,263**
-	-	-	-	-
-	-	-	-	-
191,570	185,185	253,573	223,131	253,789
47,700,970	46,111,049	63,139,800	55,559,724	63,193,474
47,892,540	**46,296,234**	**63,393,373**	**55,782,855**	**63,447,263**

2036	2037	2038	2039	2040
65,898,349	55,130,006	7,869,675	-	-
-	-	-	-	-
65,898,349	**55,130,006**	**7,869,675**	**-**	**-**
-	-	-	-	-
-	-	-	-	-
263,593	220,520	31,479	-	-
65,634,756	54,909,486	7,838,196	-	-
65,898,349	**55,130,006**	**7,869,675**	**-**	**-**

2041	2042	2043	2044	2045
-	-	-	-	-
-	-	-	-	-
-	**-**	**-**	**-**	**-**
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	**-**	**-**	**-**	**-**

2046	2047
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-

MODEL IS BASED ON PSC SYSTEM CAPACITY PLAN

*** ASSUMPTIONS AND FORECAST DO NOT REPRESENT A MANAGEMENT C

Beginning DS	Electric System	Power Park	Scherer BPS
10/1/2018	207,601,603	12,925,270	9,942,757
10/1/2019	198,988,858	24,907,870	10,109,437
10/1/2020	141,056,138	23,784,195	10,691,367
10/1/2021	136,439,263	24,068,940	10,578,422
10/1/2022	132,609,356	24,595,340	10,543,742
10/1/2023	121,630,262	24,557,928	10,487,622
10/1/2024	132,235,744	24,506,363	7,493,162
10/1/2025	153,674,105	24,464,370	6,808,442
10/1/2026	165,840,644	24,361,661	6,552,501
10/1/2027	166,730,892	24,259,318	6,302,256
10/1/2028	159,926,933	24,142,186	6,923,939
10/1/2029	154,187,066	20,561,194	7,872,262
10/1/2030	151,271,120	20,502,600	7,620,627
10/1/2031	142,614,737	20,464,225	3,550,894
10/1/2032	136,527,941	13,299,300	3,530,644
10/1/2033	146,851,889	11,676,006	3,366,044
10/1/2034	129,087,199	12,409,663	3,708,844
10/1/2035	124,989,377	12,339,350	3,708,844
10/1/2036	126,520,331	12,252,550	3,710,144
10/1/2037	109,023,012	12,371,800	3,706,081
10/1/2038	69,937,156	4,007,400	4,711,656
10/1/2039	52,520,918	4,009,200	-
10/1/2040	19,064,346	-	-
10/1/2041	13,559,219	-	-
10/1/2042	5,165,891	-	-
10/1/2043	5,072,758	-	-
10/1/2044	4,979,329	-	-
10/1/2045	-	-	-
10/1/2046	-	-	-
10/1/2047	-	-	-
10/1/2048	-	-	-
10/1/2049	-	-	-
10/1/2050	-	-	-
10/1/2051	-	-	-
10/1/2052	-	-	-
10/1/2053	-	-	-
10/1/2054	-	-	-
10/1/2055	-	-	-
10/1/2056	-	-	-
10/1/2057	-	-	-
10/1/2058	-	-	-
10/1/2059	-	-	-

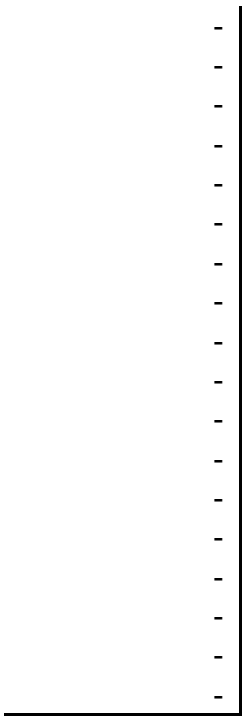
10/1/2060	-	-	-
10/1/2061	-	-	-
10/1/2062	-	-	-
10/1/2063	-	-	-
10/1/2064	-	-	-
10/1/2065	-	-	-
10/1/2066	-	-	-
10/1/2067	-	-	-
10/1/2068	-	-	-
10/1/2069	-	-	-
10/1/2070	-	-	-
10/1/2071	-	-	-
10/1/2072	-	-	-
10/1/2073	-	-	-
10/1/2074	-	-	-
10/1/2075	-	-	-
10/1/2076	-	-	-
10/1/2077	-	-	-

NING ASSUMPTIONS
:ASE FORECAST FOR FINANCIAL PURPOSES ***

Base Revenue Requirement	Fuel Revenue Requirement	Manual Adjustment
-	-	-
-	-	-
-	-	-

-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Beginning DS		Bond Solutio	First Maturity	Final Maturity
230,469,630	230,469.63	1	10/1/2018	10/1/2033
234,006,165	234,006.16	2	10/1/2018	10/1/2066
175,531,700	175,531.70	3	10/1/2018	10/1/2066
171,086,625	171,086.62	4	10/1/2018	10/1/2066
167,748,438	167,748.44	5	10/1/2018	10/1/2066
156,675,812	156,675.81	6	10/1/2018	10/1/2066
164,235,269	164,235.27	7	10/1/2018	10/1/2066
184,946,917	184,946.92	8	10/1/2018	10/1/2066
196,754,806	196,754.81	9	10/1/2018	10/1/2066
197,292,465	197,292.47	10	10/1/2018	10/1/2066
190,993,058	190,993.06	11	10/1/2018	10/1/2066
182,620,521	182,620.52	12	10/1/2018	10/1/2066
179,394,347	179,394.35	13	10/1/2018	10/1/2066
166,629,856	166,629.86	14	10/1/2018	10/1/2066
153,357,885	153,357.88	15	10/1/2018	10/1/2066
161,893,939	161,893.94	16	10/1/2018	10/1/2066
145,205,705	145,205.71	17	10/1/2018	10/1/2066
141,037,570	141,037.57	18	10/1/2018	10/1/2066
142,483,025	142,483.03	19	10/1/2018	10/1/2066
125,100,893	125,100.89	20	10/1/2018	10/1/2066
78,656,212	78,656.21	21	10/1/2018	10/1/2066
56,530,118	56,530.12	22	10/1/2018	10/1/2066
19,064,346	19,064.35	23	10/1/2018	10/1/2066
13,559,219	13,559.22	24	10/1/2018	10/1/2066
5,165,891	5,165.89	25	10/1/2018	10/1/2066
5,072,758	5,072.76	26	10/1/2018	10/1/2066
4,979,329	4,979.33	27	10/1/2018	10/1/2066
-		28	10/1/2018	10/1/2066
-		29	10/1/2018	10/1/2066
-		30	10/1/2018	10/1/2066
-				
-				
-				
-				
-				
-				
-				
-				
-				
-				
-				



Target Production	Target Cell	Result Cell	Target
-	NMTarget2015	0	$153,357,884.75
-	NMTarget2016	0	$0.00
-	NMTarget2017	0	$0.00
-	NMTarget2018	0	$0.00
-	NMTarget2019	42,674,901	$6,744,106.68
-	NMTarget2020	53,404,177	$12,698,304.32
-	NMTarget2021	53,195,275	$17,822,091.62
-	NMTarget2022	60,749,879	$23,259,907.24
-	NMTarget2023	53,409,738	$27,539,772.19
-	NMTarget2024	58,519,216	$31,898,874.93
-	NMTarget2025	58,396,999	$36,012,919.18
-	NMTarget2026	52,656,483	$39,455,067.56
-	NMTarget2027	61,617,752	$43,495,492.90
-	NMTarget2028	47,700,970	$46,297,684.29
-	NMTarget2029	46,111,049	$48,911,970.83
-	NMTarget2030	63,139,800	$52,750,656.17
-	NMTarget2031	55,559,724	$55,950,220.14
-	NMTarget2032	63,193,474	$59,640,226.65
-	NMTarget2033	65,634,756	$63,441,161.89
-	NMTarget2034	54,909,486	$67,177,790.83
-	NMTarget2035	7,838,196	$67,695,025.47
-	NMTarget2036	0	$67,695,025.47
-	NMTarget2037	0	$67,695,025.47
-	NMTarget2038	0	$67,695,025.47
-	NMTarget2039	0	$67,695,025.47
-	NMTarget2040	0	$67,695,025.47
-	NMTarget2041	0	$67,695,025.47
-	NMTarget2042	0	$67,695,025.47
-	NMTarget2043	0	$67,695,025.47
-	NMTarget2044	0	$67,695,025.47

Calculate

Beginning DS	Beginning DS
4/1/2019	-
10/1/2019	234,006,165
4/1/2020	-
10/1/2020	175,531,700
4/1/2021	-
10/1/2021	171,086,625
4/1/2022	-
10/1/2022	167,748,438
4/1/2023	-
10/1/2023	156,675,812
4/1/2024	-
10/1/2024	164,235,269
4/1/2025	-
10/1/2025	184,946,917
4/1/2026	-
10/1/2026	196,754,806
4/1/2027	-
10/1/2027	197,292,465
4/1/2028	-
10/1/2028	190,993,058
4/1/2029	-
10/1/2029	182,620,521
4/1/2030	-
10/1/2030	179,394,347
4/1/2031	-
10/1/2031	166,629,856
4/1/2032	-
10/1/2032	153,357,885
4/1/2033	-
10/1/2033	161,893,939
4/1/2034	-
10/1/2034	145,205,705
4/1/2035	-
10/1/2035	141,037,570
4/1/2036	-
10/1/2036	142,483,025
4/1/2037	-
10/1/2037	125,100,893
4/1/2038	-
10/1/2038	78,656,212
4/1/2039	-
10/1/2039	56,530,118

4/1/2040	-
10/1/2040	19,064,346
4/1/2041	-
10/1/2041	13,559,219
4/1/2042	-
10/1/2042	5,165,891
4/1/2043	-
10/1/2043	5,072,758
4/1/2044	-
10/1/2044	4,979,329
4/1/2045	-
10/1/2045	-
4/1/2046	-
10/1/2046	-
4/1/2047	-
10/1/2047	-
4/1/2048	-
10/1/2048	-
4/1/2049	-
10/1/2049	-
4/1/2050	-
10/1/2050	-
4/1/2051	-
10/1/2051	-
4/1/2052	-
10/1/2052	-
4/1/2053	-
10/1/2053	-
4/1/2054	-
10/1/2054	-
4/1/2055	-
10/1/2055	-
4/1/2056	-
10/1/2056	-
4/1/2057	-
10/1/2057	-
4/1/2058	-
10/1/2058	-
4/1/2059	-
10/1/2059	-
4/1/2060	-
10/1/2060	-
4/1/2061	-
10/1/2061	-
4/1/2062	-
10/1/2062	-

4/1/2063	-
10/1/2063	-
4/1/2064	-
10/1/2064	-
4/1/2065	-
10/1/2065	-
4/1/2066	-
10/1/2066	-
4/1/2067	-
10/1/2067	-
4/1/2068	-
10/1/2068	-
4/1/2069	-
10/1/2069	-
4/1/2070	-
10/1/2070	-
4/1/2071	-
10/1/2071	-
4/1/2072	-
10/1/2072	-
4/1/2073	-
10/1/2073	-
4/1/2074	-
10/1/2074	-
4/1/2075	-
10/1/2075	-
4/1/2076	-
10/1/2076	-
4/1/2077	-
10/1/2077	-
4/1/2078	-

Date	Capital Fund Balance	Funds Available For D/S
10/1/2018	352,529,296	603,781,812
10/1/2019	470,861,770	658,936,805
10/1/2020	697,098,375	680,401,979
10/1/2021	914,010,244	700,536,502
10/1/2022	1,009,317,494	685,380,033
10/1/2023	1,173,802,468	673,770,556
10/1/2024	1,343,068,026	681,856,649
10/1/2025	1,507,651,377	703,560,066
10/1/2026	1,681,048,215	727,334,624
10/1/2027	1,854,686,582	726,409,354
10/1/2028	2,035,774,443	730,957,370
10/1/2029	2,227,071,073	736,272,013
10/1/2030	2,413,788,828	730,002,660
10/1/2031	2,618,666,722	740,065,659
10/1/2032	2,830,184,235	736,769,964
10/1/2033	3,030,058,664	736,885,997
10/1/2034	3,241,904,703	734,769,000
10/1/2035	3,451,325,911	731,423,821
10/1/2036	3,663,521,777	732,189,382
10/1/2037	3,891,500,315	720,851,000
10/1/2038	4,170,288,492	724,786,024
10/1/2039	4,480,910,878	727,571,600
10/1/2040	4,829,517,590	719,414,718
10/1/2041	5,194,201,473	653,767,213
10/1/2042	5,620,756,823	722,199,546
10/1/2043	6,109,880,310	783,808,295
10/1/2044	6,608,626,195	786,685,644
10/1/2045	7,102,997,388	781,412,112
10/1/2046	7,691,948,025	889,303,718
10/1/2047	8,236,360,726	824,804,434

Debt Service Coverage	Debt Service Target	Current DS
2.56	402,521,208	236,306,801
2.72	439,291,203	242,434,784
3.59	453,601,319	189,660,048
3.56	467,024,334	196,687,517
2.86	456,920,022	239,649,349
2.51	449,180,371	268,445,544
2.38	454,571,099	286,897,678
2.27	469,040,044	310,496,221
2.24	484,889,749	325,045,407
2.21	484,272,903	328,953,669
2.24	487,304,913	326,587,834
2.29	490,848,009	321,972,120
2.27	486,668,440	322,066,454
2.36	493,377,106	312,983,155
2.43	491,179,976	302,826,272
2.34	491,257,332	314,405,021
2.44	489,846,000	301,624,081
2.43	487,615,881	301,170,993
2.45	488,126,255	298,352,346
2.64	480,567,333	272,586,901
3.25	483,190,682	222,847,740
3.73	485,047,733	195,102,644
4.83	479,609,812	148,939,733
10.16	435,844,808	64,374,816
11.21	481,466,364	64,433,973
12.15	522,538,863	64,496,332
12.18	524,457,096	64,561,998
12.09	520,941,408	64,631,177
13.77	592,869,145	64,600,538
12.77	549,869,623	64,569,593

Target Defeasance Amounts	Capital Fund Target	Current Capital Fund
202,529,296	$60,000,000	352,529,296
118,332,474	$60,000,000	470,861,770
226,236,606	$60,000,000	697,098,375
216,911,868	$60,000,000	914,010,244
95,307,251	$60,000,000	1,009,317,494
164,484,973	$60,000,000	1,173,802,468
169,265,558	$60,000,000	1,343,068,026
164,583,351	$60,000,000	1,507,651,377
173,396,838	$60,000,000	1,681,048,215
173,638,367	$60,000,000	1,854,686,582
181,087,861	$60,000,000	2,035,774,443
191,296,629	$60,000,000	2,227,071,073
186,717,756	$60,000,000	2,413,788,828
204,877,894	$60,000,000	2,618,666,722
211,517,514	$60,000,000	2,830,184,235
199,874,428	$60,000,000	3,030,058,664
211,846,040	$60,000,000	3,241,904,703
209,421,208	$60,000,000	3,451,325,911
212,195,866	$60,000,000	3,663,521,777
227,978,538	$60,000,000	3,891,500,315
278,788,177	$60,000,000	4,170,288,492
310,622,386	$60,000,000	4,480,910,878
348,606,712	$60,000,000	4,829,517,590
364,683,884	$60,000,000	5,194,201,473
426,555,350	$60,000,000	5,620,756,823
489,123,487	$60,000,000	6,109,880,310
498,745,886	$60,000,000	6,608,626,195
494,371,193	$60,000,000	7,102,997,388
588,950,636	$60,000,000	7,691,948,025
544,412,702	$60,000,000	8,236,360,726

MODEL IS BASED ON PSC SYSTEM CAPACITY PLANNING ASSUMPT

*** ASSUMPTIONS AND FORECAST DO NOT REPRESENT A MANAGEMENT CASE FORECAST

JEA HEAT Model
Series 2018

U/D	0
Target	153,357,885
Result	0

Period	Date	Principal	Coupon	Interest
		-		-
	10/1/2018			
	4/1/2019			-
	10/1/2019	-	1.235%	-
	4/1/2020	-		-
	10/1/2020	-	1.355%	-
	4/1/2021	-		-
	10/1/2021	-	1.455%	-
	4/1/2022	-		-
	10/1/2022	-	1.565%	-
	4/1/2023	-		-
	10/1/2023	-	1.705%	-
	4/1/2024	-		-
	10/1/2024	-	1.770%	-
	4/1/2025	-		-
	10/1/2025	-	1.830%	-
	4/1/2026	-		-
	10/1/2026	-	1.905%	-
	4/1/2027	-		-
	10/1/2027	-	1.980%	-
	4/1/2028	-		-
	10/1/2028	-	2.065%	-
	4/1/2029	-		-
	10/1/2029	-	2.150%	-
	4/1/2030	-		-
	10/1/2030	-	2.240%	-
	4/1/2031	-		-
	10/1/2031	-	2.305%	-
	4/1/2032	-		-
	10/1/2032	-	2.355%	-
	4/1/2033	-		-
	10/1/2033	-	2.405%	-
	4/1/2034	-		-
	10/1/2034	-	2.475%	-
	4/1/2035	-		-

10/1/2035	-	2.535%	-
4/1/2036	-		-
10/1/2036	-	2.595%	-
4/1/2037	-		-
10/1/2037	-	2.645%	-
4/1/2038	-		-
10/1/2038	-	2.685%	-
4/1/2039	-		-
10/1/2039	-	2.780%	-
4/1/2040	-		-
10/1/2040	-	2.780%	-
4/1/2041	-		-
10/1/2041	-	2.780%	-
4/1/2042	-		-
10/1/2042	-	2.780%	-
4/1/2043	-		-
10/1/2043	-	2.780%	-
4/1/2044	-		-
10/1/2044	-	2.855%	-
4/1/2045	-		-
10/1/2045	-	2.855%	-
4/1/2046	-		-
10/1/2046	-	2.855%	-
4/1/2047	-		-
10/1/2047	-	2.855%	-
4/1/2048	-		-
10/1/2048	-	2.855%	-

'IONS
FOR FINANCIAL PURPOSES ***

12/21/2017
#DIV/0!

Semi-Annual Debt Service	Annual Debt Service	Price	Total Proceeds	1 Beginning DS
-	-		-	
-	-		-	-
-	-	100.000	-	234,006,165
-	-		-	-
-	-	100.000	-	175,531,700
-	-		-	-
-	-	100.000	-	171,086,625
-	-		-	-
-	-	100.000	-	167,748,438
-	-		-	-
-	-	100.000	-	156,675,812
-	-		-	-
-	-	100.000	-	164,235,269
-	-		-	-
-	-	100.000	-	184,946,917
-	-		-	-
-	-	100.000	-	196,754,806
-	-		-	-
-	-	100.000	-	197,292,465
-	-		-	-
-	-	100.000	-	190,993,058
-	-		-	-
-	-	100.000	-	182,620,521
-	-		-	-
-	-	100.000	-	179,394,347
-	-		-	-
-	-	100.000	-	166,629,856
-	-		-	-
-	-	100.000	-	153,357,885
-	-		-	-
-	-	100.000	-	161,893,939
-	-		-	-
-	-	100.000	-	145,205,705
-	-		-	-

-	-	100.000	-	141,037,570
-	-		-	-
-	-	100.000	-	142,483,025
-	-		-	-
-	-	100.000	-	125,100,893
-	-		-	-
-	-	100.000	-	78,656,212
-	-		-	-
-	-	100.000	-	56,530,118
-	-		-	-
-	-	100.000	-	19,064,346
-	-		-	-
-	-	100.000	-	13,559,219
-	-		-	-
-	-	100.000	-	5,165,891
-	-		-	-
-	-	100.000	-	5,072,758
-	-		-	-
-	-	100.000	-	4,979,329
-	-		-	-
-	-	100.000	-	-
-	-		-	-
-	-	100.000	-	-
-	-		-	-
-	-	100.000	-	-
-	-		-	-
-	-	100.000	-	-

JEA HEAT Model
Series 2019

U/D Target Result

Ending DS	Period	Date	Principal
			-
		10/1/2019	
-		4/1/2020	
234,006,165		10/1/2020	-
-		4/1/2021	-
175,531,700		10/1/2021	-
-		4/1/2022	-
171,086,625		10/1/2022	-
-		4/1/2023	-
167,748,438		10/1/2023	-
-		4/1/2024	-
156,675,812		10/1/2024	-
-		4/1/2025	-
164,235,269		10/1/2025	-
-		4/1/2026	-
184,946,917		10/1/2026	-
-		4/1/2027	-
196,754,806		10/1/2027	-
-		4/1/2028	-
197,292,465		10/1/2028	-
-		4/1/2029	-
190,993,058		10/1/2029	-
-		4/1/2030	-
182,620,521		10/1/2030	-
-		4/1/2031	-
179,394,347		10/1/2031	-
-		4/1/2032	-
166,629,856		10/1/2032	-
-		4/1/2033	-
153,357,885		10/1/2033	-
-		4/1/2034	-
161,893,939		10/1/2034	-
-		4/1/2035	-
145,205,705		10/1/2035	-
-		4/1/2036	-

141,037,570		10/1/2036	-
-		4/1/2037	-
142,483,025		10/1/2037	-
-		4/1/2038	-
125,100,893		10/1/2038	-
-		4/1/2039	-
78,656,212		10/1/2039	-
-		4/1/2040	-
56,530,118		10/1/2040	-
-		4/1/2041	-
19,064,346		10/1/2041	-
-		4/1/2042	-
13,559,219		10/1/2042	-
-		4/1/2043	-
5,165,891		10/1/2043	-
-		4/1/2044	-
5,072,758		10/1/2044	-
-		4/1/2045	-
4,979,329		10/1/2045	-
-		4/1/2046	-
-		10/1/2046	-
-		4/1/2047	-
-		10/1/2047	-
-		4/1/2048	-
-		10/1/2048	-
-		4/1/2049	-
-		10/1/2049	-

0
0
0

Coupon	Interest	Semi-Annual Debt Service	Annual Debt Service	Price
	-	-	-	
	-	-	-	
1.235%	-	-	-	100.000
	-	-	-	
1.355%	-	-	-	100.000
	-	-	-	
1.455%	-	-	-	100.000
	-	-	-	
1.565%	-	-	-	100.000
	-	-	-	
1.705%	-	-	-	100.000
	-	-	-	
1.770%	-	-	-	100.000
	-	-	-	
1.830%	-	-	-	100.000
	-	-	-	
1.905%	-	-	-	100.000
	-	-	-	
1.980%	-	-	-	100.000
	-	-	-	
2.065%	-	-	-	100.000
	-	-	-	
2.150%	-	-	-	100.000
	-	-	-	
2.240%	-	-	-	100.000
	-	-	-	
2.305%	-	-	-	100.000
	-	-	-	
2.355%	-	-	-	100.000
	-	-	-	
2.405%	-	-	-	100.000
	-	-	-	
2.475%	-	-	-	100.000
	-	-	-	

2.535%	-	-	-	100.000
	-	-	-	
2.595%	-	-	-	100.000
	-	-	-	
2.645%	-	-	-	100.000
	-	-	-	
2.685%	-	-	-	100.000
	-	-	-	
2.780%	-	-	-	100.000
	-	-	-	
2.780%	-	-	-	100.000
	-	-	-	
2.780%	-	-	-	100.000
	-	-	-	
2.780%	-	-	-	100.000
	-	-	-	
2.780%	-	-	-	100.000
	-	-	-	
2.855%	-	-	-	100.000
	-	-	-	
2.855%	-	-	-	100.000
	-	-	-	
2.855%	-	-	-	100.000
	-	-	-	
2.855%	-	-	-	100.000
	-	-	-	
2.855%	-	-	-	100.000

JEA HEAT Mo
Series 2020

Total Proceeds	Beginning DS	Ending DS	Period
-			
-	-	-	
-	175,531,700	175,531,700	
-	-	-	
-	171,086,625	171,086,625	
-	-	-	
-	167,748,438	167,748,438	
-	-	-	
-	156,675,812	156,675,812	
-	-	-	
-	164,235,269	164,235,269	
-	-	-	
-	184,946,917	184,946,917	
-	-	-	
-	196,754,806	196,754,806	
-	-	-	
-	197,292,465	197,292,465	
-	-	-	
-	190,993,058	190,993,058	
-	-	-	
-	182,620,521	182,620,521	
-	-	-	
-	179,394,347	179,394,347	
-	-	-	
-	166,629,856	166,629,856	
-	-	-	
-	153,357,885	153,357,885	
-	-	-	
-	161,893,939	161,893,939	
-	-	-	
-	145,205,705	145,205,705	
-	-	-	
-	141,037,570	141,037,570	
-	-	-	

-		142,483,025	142,483,025		
-		-	-		
-		125,100,893	125,100,893		
-		-	-		
-		78,656,212	78,656,212		
-		-	-		
-		56,530,118	56,530,118		
-		-	-		
-		19,064,346	19,064,346		
-		-	-		
-		13,559,219	13,559,219		
-		-	-		
-		5,165,891	5,165,891		
-		-	-		
-		5,072,758	5,072,758		
-		-	-		
-		4,979,329	4,979,329		
-		-	-		
-		-	-		
-		-	-		
-		-	-		
-		-	-		
-		-	-		
-		-	-		
-		-	-		
-		-	-		
-		-	-		

del

U/D	0
Target	0
Result	0

Date	Principal	Coupon	Interest	Semi-Annual Debt Service
	-		-	-
10/1/2020				
4/1/2021			-	-
10/1/2021	-	1.235%	-	-
4/1/2022	-		-	-
10/1/2022	-	1.355%	-	-
4/1/2023	-		-	-
10/1/2023	-	1.455%	-	-
4/1/2024	-		-	-
10/1/2024	-	1.565%	-	-
4/1/2025	-		-	-
10/1/2025	-	1.705%	-	-
4/1/2026	-		-	-
10/1/2026	-	1.770%	-	-
4/1/2027	-		-	-
10/1/2027	-	1.830%	-	-
4/1/2028	-		-	-
10/1/2028	-	1.905%	-	-
4/1/2029	-		-	-
10/1/2029	-	1.980%	-	-
4/1/2030	-		-	-
10/1/2030	-	2.065%	-	-
4/1/2031	-		-	-
10/1/2031	-	2.150%	-	-
4/1/2032	-		-	-
10/1/2032	-	2.240%	-	-
4/1/2033	-		-	-
10/1/2033	-	2.305%	-	-
4/1/2034	-		-	-
10/1/2034	-	2.355%	-	-
4/1/2035	-		-	-
10/1/2035	-	2.405%	-	-
4/1/2036	-		-	-
10/1/2036	-	2.475%	-	-
4/1/2037	-		-	-

10/1/2037	-	2.535%	-	-
4/1/2038	-		-	-
10/1/2038	-	2.595%	-	-
4/1/2039	-		-	-
10/1/2039	-	2.645%	-	-
4/1/2040	-		-	-
10/1/2040	-	2.685%	-	-
4/1/2041	-		-	-
10/1/2041	-	2.780%	-	-
4/1/2042	-		-	-
10/1/2042	-	2.780%	-	-
4/1/2043	-		-	-
10/1/2043	-	2.780%	-	-
4/1/2044	-		-	-
10/1/2044	-	2.780%	-	-
4/1/2045	-		-	-
10/1/2045	-	2.780%	-	-
4/1/2046	-		-	-
10/1/2046	-	2.855%	-	-
4/1/2047	-		-	-
10/1/2047	-	2.855%	-	-
4/1/2048	-		-	-
10/1/2048	-	2.855%	-	-
4/1/2049	-		-	-
10/1/2049	-	2.855%	-	-
4/1/2050	-		-	-
10/1/2050	-	2.855%	-	-

Annual Debt Service	Price	Total Proceeds	Beginning DS	Ending DS
-		-		
-		-	-	-
-	100.000	-	171,086,625	171,086,625
-		-	-	-
-	100.000	-	167,748,438	167,748,438
-		-	-	-
-	100.000	-	156,675,812	156,675,812
-		-	-	-
-	100.000	-	164,235,269	164,235,269
-		-	-	-
-	100.000	-	184,946,917	184,946,917
-		-	-	-
-	100.000	-	196,754,806	196,754,806
-		-	-	-
-	100.000	-	197,292,465	197,292,465
-		-	-	-
-	100.000	-	190,993,058	190,993,058
-		-	-	-
-	100.000	-	182,620,521	182,620,521
-		-	-	-
-	100.000	-	179,394,347	179,394,347
-		-	-	-
-	100.000	-	166,629,856	166,629,856
-		-	-	-
-	100.000	-	153,357,885	153,357,885
-		-	-	-
-	100.000	-	161,893,939	161,893,939
-		-	-	-
-	100.000	-	145,205,705	145,205,705
-		-	-	-
-	100.000	-	141,037,570	141,037,570
-		-	-	-
-	100.000	-	142,483,025	142,483,025
-		-	-	-

-	100.000	-		125,100,893	125,100,893
-		-		-	-
-	100.000	-		78,656,212	78,656,212
-		-		-	-
-	100.000	-		56,530,118	56,530,118
-		-		-	-
-	100.000	-		19,064,346	19,064,346
-		-		-	-
-	100.000	-		13,559,219	13,559,219
-		-		-	-
-	100.000	-		5,165,891	5,165,891
-		-		-	-
-	100.000	-		5,072,758	5,072,758
-		-		-	-
-	100.000	-		4,979,329	4,979,329
-		-		-	-
-	100.000	-		-	-
-		-		-	-
-	100.000	-		-	-
-		-		-	-
-	100.000	-		-	-
-		-		-	-
-	100.000	-		-	-
-		-		-	-
-	100.000	-		-	-
-		-		-	-
-	100.000	-		-	-

JEA HEAT Model
Series 2021

U/D	0
Target	0
Result	0

Period	Date	Principal	Coupon	Interest
		-		-
	10/1/2021			
	4/1/2022			-
	10/1/2022	-	0.570%	-
	4/1/2023	-		-
	10/1/2023	-	0.870%	-
	4/1/2024	-		-
	10/1/2024	-	1.240%	-
	4/1/2025	-		-
	10/1/2025	-	1.590%	-
	4/1/2026	-		-
	10/1/2026	-	2.000%	-
	4/1/2027	-		-
	10/1/2027	-	2.510%	-
	4/1/2028	-		-
	10/1/2028	-	2.880%	-
	4/1/2029	-		-
	10/1/2029	-	3.130%	-
	4/1/2030	-		-
	10/1/2030	-	3.380%	-
	4/1/2031	-		-
	10/1/2031	-	3.610%	-
	4/1/2032	-		-
	10/1/2032	-	3.760%	-
	4/1/2033	-		-
	10/1/2033	-	3.890%	-
	4/1/2034	-		-
	10/1/2034	-	4.010%	-
	4/1/2035	-		-
	10/1/2035	-	4.130%	-
	4/1/2036	-		-
	10/1/2036	-	4.240%	-
	4/1/2037	-		-
	10/1/2037	-	4.340%	-
	4/1/2038	-		-

	10/1/2038	-	4.430%	-
	4/1/2039	-		-
	10/1/2039	-	4.510%	-
	4/1/2040	-		-
	10/1/2040	-	4.580%	-
	4/1/2041	-		-
	10/1/2041	-	4.650%	-
	4/1/2042	-		-
	10/1/2042	-	4.750%	-
	4/1/2043	-		-
	10/1/2043	-	4.850%	-
	4/1/2044	-		-
	10/1/2044	-	4.950%	-
	4/1/2045	-		-
	10/1/2045	-	5.050%	-
	4/1/2046	-		-
	10/1/2046	-	5.150%	-
	4/1/2047	-		-
	10/1/2047	-	5.250%	-
	4/1/2048	-		-
	10/1/2048	-	5.350%	-
	4/1/2049	-		-
	10/1/2049	-	5.450%	-
	4/1/2050	-		-
	10/1/2050	-	5.550%	-
	4/1/2051	-		-
	10/1/2051	-	5.650%	-

Semi-Annual Debt Service	Annual Debt Service	Price	Total Proceeds	Beginning DS
-	-		-	
-	-		-	-
-	-	100.000	-	167,748,438
-	-		-	-
-	-	100.000	-	156,675,812
-	-		-	-
-	-	100.000	-	164,235,269
-	-		-	-
-	-	100.000	-	184,946,917
-	-		-	-
-	-	100.000	-	196,754,806
-	-		-	-
-	-	100.000	-	197,292,465
-	-		-	-
-	-	100.000	-	190,993,058
-	-		-	-
-	-	100.000	-	182,620,521
-	-		-	-
-	-	100.000	-	179,394,347
-	-		-	-
-	-	100.000	-	166,629,856
-	-		-	-
-	-	100.000	-	153,357,885
-	-		-	-
-	-	100.000	-	161,893,939
-	-		-	-
-	-	100.000	-	145,205,705
-	-		-	-
-	-	100.000	-	141,037,570
-	-		-	-
-	-	100.000	-	142,483,025
-	-		-	-
-	-	100.000	-	125,100,893
-	-		-	-

-	-	100.000	-	78,656,212
-	-		-	-
-	-	100.000	-	56,530,118
-	-		-	-
-	-	100.000	-	19,064,346
-	-		-	-
-	-	100.000	-	13,559,219
-	-		-	-
-	-	100.000	-	5,165,891
-	-		-	-
-	-	100.000	-	5,072,758
-	-		-	-
-	-	100.000	-	4,979,329
-	-		-	-
-	-	100.000	-	-
-	-		-	-
-	-	100.000	-	-
-	-		-	-
-	-	100.000	-	-
-	-		-	-
-	-	100.000	-	-
-	-		-	-
-	-	100.000	-	-
-	-		-	-
-	-	100.000	-	-
-	-		-	-
-	-	100.000	-	-
-	-		-	-
-	-	100.000	-	-

JEA HEAT Model
Series 2022

U/D	0
Target	6,744,107
Result	42,674,901

Ending DS	Period	Date	Principal	Coupon
			42,846,286	
		10/1/2022		
-		4/1/2023		
167,748,438		10/1/2023	-	0.570%
-		4/1/2024	-	
156,675,812		10/1/2024	-	0.870%
-		4/1/2025	-	
164,235,269		10/1/2025	-	1.240%
-		4/1/2026	-	
184,946,917		10/1/2026	-	1.590%
-		4/1/2027	-	
196,754,806		10/1/2027	-	2.000%
-		4/1/2028	-	
197,292,465		10/1/2028	-	2.510%
-		4/1/2029	-	
190,993,058		10/1/2029	-	2.880%
-		4/1/2030	-	
182,620,521		10/1/2030	-	3.130%
-		4/1/2031	-	
179,394,347		10/1/2031	-	3.380%
-		4/1/2032	-	
166,629,856		10/1/2032	-	3.610%
-		4/1/2033	-	
153,357,885		10/1/2033	-	3.760%
-		4/1/2034	-	
161,893,939		10/1/2034	-	3.890%
-		4/1/2035	-	
145,205,705		10/1/2035	-	4.010%
-		4/1/2036	-	
141,037,570		10/1/2036	-	4.130%
-		4/1/2037	-	
142,483,025		10/1/2037	-	4.240%
-		4/1/2038	-	
125,100,893		10/1/2038	-	4.340%
-		4/1/2039	-	

78,656,212		10/1/2039	-	4.430%
-		4/1/2040	-	
56,530,118		10/1/2040	-	4.510%
-		4/1/2041	-	
19,064,346		10/1/2041	-	4.580%
-		4/1/2042	-	
13,559,219		10/1/2042	-	4.650%
-		4/1/2043	-	
5,165,891		10/1/2043	-	4.750%
-		4/1/2044	-	
5,072,758		10/1/2044	-	4.850%
-		4/1/2045	-	
4,979,329		10/1/2045	4,461,755	4.950%
-		4/1/2046	-	
-		10/1/2046	4,682,612	5.050%
-		4/1/2047	-	
-		10/1/2047	4,919,083	5.150%
-		4/1/2048	-	
-		10/1/2048	5,172,416	5.250%
-		4/1/2049	-	
-		10/1/2049	5,443,968	5.350%
-		4/1/2050	-	
-		10/1/2050	5,735,220	5.450%
-		4/1/2051	-	
-		10/1/2051	6,047,790	5.550%
-		4/1/2052	-	
-		10/1/2052	6,383,442	5.650%

Interest	Semi-Annual Debt Service	Annual Debt Service	Price	Total Proceeds
61,318,311	104,164,597	104,164,597		42,846,286
1,141,176	1,141,176	-		-
1,141,176	1,141,176	2,282,352	100.000	-
1,141,176	1,141,176	-		-
1,141,176	1,141,176	2,282,352	100.000	-
1,141,176	1,141,176	-		-
1,141,176	1,141,176	2,282,352	100.000	-
1,141,176	1,141,176	-		-
1,141,176	1,141,176	2,282,352	100.000	-
1,141,176	1,141,176	-		-
1,141,176	1,141,176	2,282,352	100.000	-
1,141,176	1,141,176	-		-
1,141,176	1,141,176	2,282,352	100.000	-
1,141,176	1,141,176	-		-
1,141,176	1,141,176	2,282,352	100.000	-
1,141,176	1,141,176	-		-
1,141,176	1,141,176	2,282,352	100.000	-
1,141,176	1,141,176	-		-
1,141,176	1,141,176	2,282,352	100.000	-
1,141,176	1,141,176	-		-
1,141,176	1,141,176	2,282,352	100.000	-
1,141,176	1,141,176	-		-
1,141,176	1,141,176	2,282,352	100.000	-
1,141,176	1,141,176	-		-
1,141,176	1,141,176	2,282,352	100.000	-
1,141,176	1,141,176	-		-
1,141,176	1,141,176	2,282,352	100.000	-
1,141,176	1,141,176	-		-
1,141,176	1,141,176	2,282,352	100.000	-
1,141,176	1,141,176	-		-
1,141,176	1,141,176	2,282,352	100.000	-
1,141,176	1,141,176	-		-
1,141,176	1,141,176	2,282,352	100.000	-
1,141,176	1,141,176	-		-
1,141,176	1,141,176	2,282,352	100.000	-
1,141,176	1,141,176	-		-
1,141,176	1,141,176	2,282,352	100.000	-
1,141,176	1,141,176	-		-
1,141,176	1,141,176	2,282,352	100.000	-
1,141,176	1,141,176	-		-
1,141,176	1,141,176	2,282,352	100.000	-
1,141,176	1,141,176	-		-
1,141,176	1,141,176	2,282,352	100.000	-
1,141,176	1,141,176	-		-
1,141,176	1,141,176	2,282,352	100.000	-
1,141,176	1,141,176	-		-
1,141,176	1,141,176	2,282,352	100.000	-
1,141,176	1,141,176	-		-

1,141,176	1,141,176	2,282,352	100.000	-
1,141,176	1,141,176	-		-
1,141,176	1,141,176	2,282,352	100.000	-
1,141,176	1,141,176	-		-
1,141,176	1,141,176	2,282,352	100.000	-
1,141,176	1,141,176	-		-
1,141,176	1,141,176	2,282,352	100.000	-
1,141,176	1,141,176	-		-
1,141,176	1,141,176	2,282,352	100.000	-
1,141,176	1,141,176	-		-
1,141,176	1,141,176	2,282,352	100.000	-
1,141,176	1,141,176	-		-
1,141,176	5,602,931	6,744,107	100.000	4,461,755
1,030,748	1,030,748	-		-
1,030,748	5,713,360	6,744,107	100.000	4,682,612
912,512	912,512	-		-
912,512	5,831,595	6,744,106	100.000	4,919,083
785,845	785,845	-		-
785,845	5,958,261	6,744,106	100.000	5,172,416
650,069	650,069	-		-
650,069	6,094,037	6,744,107	100.000	5,443,968
504,443	504,443	-		-
504,443	6,239,663	6,744,106	100.000	5,735,220
348,158	348,158	-		-
348,158	6,395,948	6,744,107	100.000	6,047,790
180,332	180,332	-		-
180,332	6,563,774	6,744,106	100.000	6,383,442

JEA HEAT Model Series 2023	
	U/D Target Result

Period	Date	Principal
		53,618,652
	10/1/2023	
	4/1/2024	
	10/1/2024	-
	4/1/2025	-
	10/1/2025	-
	4/1/2026	-
	10/1/2026	-
	4/1/2027	-
	10/1/2027	-
	4/1/2028	-
	10/1/2028	-
	4/1/2029	-
	10/1/2029	-
	4/1/2030	-
	10/1/2030	-
	4/1/2031	-
	10/1/2031	-
	4/1/2032	-
	10/1/2032	-
	4/1/2033	-
	10/1/2033	-
	4/1/2034	-
	10/1/2034	-
	4/1/2035	-
	10/1/2035	-
	4/1/2036	-
	10/1/2036	-
	4/1/2037	-
	10/1/2037	-
	4/1/2038	-
	10/1/2038	-
	4/1/2039	-
	10/1/2039	-
	4/1/2040	-

5

Beginning DS	Ending DS
-	-
156,675,812	158,958,164
-	-
164,235,269	166,517,621
-	-
184,946,917	187,229,269
-	-
196,754,806	199,037,158
-	-
197,292,465	199,574,817
-	-
190,993,058	193,275,410
-	-
182,620,521	184,902,873
-	-
179,394,347	181,676,699
-	-
166,629,856	168,912,208
-	-
153,357,885	155,640,237
-	-
161,893,939	164,176,291
-	-
145,205,705	147,488,057
-	-
141,037,570	143,319,922
-	-
142,483,025	144,765,377
-	-
125,100,893	127,383,245
-	-
78,656,212	80,938,564
-	-

56,530,118	58,812,470		10/1/2040	-
-	-		4/1/2041	-
19,064,346	21,346,698		10/1/2041	-
-	-		4/1/2042	-
13,559,219	15,841,571		10/1/2042	2,441,518
-	-		4/1/2043	-
5,165,891	7,448,243		10/1/2043	2,646,473
-	-		4/1/2044	-
5,072,758	7,355,110		10/1/2044	2,862,962
-	-		4/1/2045	-
4,979,329	7,261,681		10/1/2045	3,516,527
-	-		4/1/2046	-
-	6,744,107		10/1/2046	3,687,078
-	-		4/1/2047	-
-	6,744,107		10/1/2047	3,869,590
-	-		4/1/2048	-
-	6,744,106		10/1/2048	4,065,004
-	-		4/1/2049	-
-	6,744,106		10/1/2049	4,274,351
-	-		4/1/2050	-
-	6,744,107		10/1/2050	4,498,755
-	-		4/1/2051	-
-	6,744,106		10/1/2051	4,739,438
-	-		4/1/2052	-
-	6,744,107		10/1/2052	4,997,738
-	-		4/1/2053	-
-	6,744,106		10/1/2053	12,019,218

0
12,698,304
53,404,177

Coupon	Interest	Semi-Annual Debt Service	Annual Debt Service	Price
	73,296,899	126,915,551	126,915,551	
	1,404,272	1,404,272	-	
0.570%	1,404,272	1,404,272	2,808,544	100.000
	1,404,272	1,404,272	-	
0.870%	1,404,272	1,404,272	2,808,544	100.000
	1,404,272	1,404,272	-	
1.240%	1,404,272	1,404,272	2,808,544	100.000
	1,404,272	1,404,272	-	
1.590%	1,404,272	1,404,272	2,808,544	100.000
	1,404,272	1,404,272	-	
2.000%	1,404,272	1,404,272	2,808,544	100.000
	1,404,272	1,404,272	-	
2.510%	1,404,272	1,404,272	2,808,544	100.000
	1,404,272	1,404,272	-	
2.880%	1,404,272	1,404,272	2,808,544	100.000
	1,404,272	1,404,272	-	
3.130%	1,404,272	1,404,272	2,808,544	100.000
	1,404,272	1,404,272	-	
3.380%	1,404,272	1,404,272	2,808,544	100.000
	1,404,272	1,404,272	-	
3.610%	1,404,272	1,404,272	2,808,544	100.000
	1,404,272	1,404,272	-	
3.760%	1,404,272	1,404,272	2,808,544	100.000
	1,404,272	1,404,272	-	
3.890%	1,404,272	1,404,272	2,808,544	100.000
	1,404,272	1,404,272	-	
4.010%	1,404,272	1,404,272	2,808,544	100.000
	1,404,272	1,404,272	-	
4.130%	1,404,272	1,404,272	2,808,544	100.000
	1,404,272	1,404,272	-	
4.240%	1,404,272	1,404,272	2,808,544	100.000
	1,404,272	1,404,272	-	
4.340%	1,404,272	1,404,272	2,808,544	100.000
	1,404,272	1,404,272	-	

4.430%	1,404,272	1,404,272	2,808,544	100.000
	1,404,272	1,404,272	-	
4.510%	1,404,272	1,404,272	2,808,544	100.000
	1,404,272	1,404,272	-	
4.580%	1,404,272	3,845,790	5,250,062	100.000
	1,348,361	1,348,361	-	
4.650%	1,348,361	3,994,834	5,343,195	100.000
	1,286,831	1,286,831	-	
4.750%	1,286,831	4,149,793	5,436,623	100.000
	1,218,835	1,218,835	-	
4.850%	1,218,835	4,735,362	5,954,197	100.000
	1,133,559	1,133,559	-	
4.950%	1,133,559	4,820,637	5,954,197	100.000
	1,042,304	1,042,304	-	
5.050%	1,042,304	4,911,894	5,954,198	100.000
	944,597	944,597	-	
5.150%	944,597	5,009,601	5,954,198	100.000
	839,923	839,923	-	
5.250%	839,923	5,114,274	5,954,197	100.000
	727,722	727,722	-	
5.350%	727,722	5,226,477	5,954,198	100.000
	607,380	607,380	-	
5.450%	607,380	5,346,818	5,954,198	100.000
	478,230	478,230	-	
5.550%	478,230	5,475,968	5,954,198	100.000
	339,543	339,543	-	
5.650%	339,543	12,358,761	12,698,304	100.000

Total Proceeds	Beginning DS	Ending DS	Period
53,618,652			
-	-	-	
-	166,517,621	169,326,164	
-	-	-	
-	187,229,269	190,037,813	
-	-	-	
-	199,037,158	201,845,702	
-	-	-	
-	199,574,817	202,383,361	
-	-	-	
-	193,275,410	196,083,954	
-	-	-	
-	184,902,873	187,711,417	
-	-	-	
-	181,676,699	184,485,242	
-	-	-	
-	168,912,208	171,720,752	
-	-	-	
-	155,640,237	158,448,780	
-	-	-	
-	164,176,291	166,984,835	
-	-	-	
-	147,488,057	150,296,601	
-	-	-	
-	143,319,922	146,128,466	
-	-	-	
-	144,765,377	147,573,921	
-	-	-	
-	127,383,245	130,191,788	
-	-	-	
-	80,938,564	83,747,107	
-	-	-	
-	58,812,470	61,621,013	
-	-	-	

-			21,346,698	24,155,241		
-			-	-		
-			15,841,571	18,650,115		
-			-	-		
2,441,518			7,448,243	12,698,304		
-			-	-		
2,646,473			7,355,110	12,698,305		
-			-	-		
2,862,962			7,261,681	12,698,304		
-			-	-		
3,516,527			6,744,107	12,698,304		
-			-	-		
3,687,078			6,744,107	12,698,304		
-			-	-		
3,869,590			6,744,106	12,698,305		
-			-	-		
4,065,004			6,744,106	12,698,305		
-			-	-		
4,274,351			6,744,107	12,698,304		
-			-	-		
4,498,755			6,744,106	12,698,304		
-			-	-		
4,739,438			6,744,107	12,698,304		
-			-	-		
4,997,738			6,744,106	12,698,305		
-			-	-		
12,019,218			-	12,698,304		

U/D	0
Target	17,822,092
Result	53,195,275

Date	Principal	Coupon	Interest	Semi-Annual Debt Service
	53,408,911		73,553,711	126,962,622
10/1/2024				
4/1/2025			1,401,620	1,401,620
10/1/2025	-	0.570%	1,401,620	1,401,620
4/1/2026	-		1,401,620	1,401,620
10/1/2026	-	0.870%	1,401,620	1,401,620
4/1/2027	-		1,401,620	1,401,620
10/1/2027	-	1.240%	1,401,620	1,401,620
4/1/2028	-		1,401,620	1,401,620
10/1/2028	-	1.590%	1,401,620	1,401,620
4/1/2029	-		1,401,620	1,401,620
10/1/2029	-	2.000%	1,401,620	1,401,620
4/1/2030	-		1,401,620	1,401,620
10/1/2030	-	2.510%	1,401,620	1,401,620
4/1/2031	-		1,401,620	1,401,620
10/1/2031	-	2.880%	1,401,620	1,401,620
4/1/2032	-		1,401,620	1,401,620
10/1/2032	-	3.130%	1,401,620	1,401,620
4/1/2033	-		1,401,620	1,401,620
10/1/2033	-	3.380%	1,401,620	1,401,620
4/1/2034	-		1,401,620	1,401,620
10/1/2034	-	3.610%	1,401,620	1,401,620
4/1/2035	-		1,401,620	1,401,620
10/1/2035	-	3.760%	1,401,620	1,401,620
4/1/2036	-		1,401,620	1,401,620
10/1/2036	-	3.890%	1,401,620	1,401,620
4/1/2037	-		1,401,620	1,401,620
10/1/2037	-	4.010%	1,401,620	1,401,620
4/1/2038	-		1,401,620	1,401,620
10/1/2038	-	4.130%	1,401,620	1,401,620
4/1/2039	-		1,401,620	1,401,620
10/1/2039	-	4.240%	1,401,620	1,401,620
4/1/2040	-		1,401,620	1,401,620
10/1/2040	-	4.340%	1,401,620	1,401,620
4/1/2041	-		1,401,620	1,401,620

10/1/2041	-	4.430%	1,401,620	1,401,620
4/1/2042	-		1,401,620	1,401,620
10/1/2042	2,320,547	4.510%	1,401,620	3,722,167
4/1/2043	-		1,349,292	1,349,292
10/1/2043	2,425,204	4.580%	1,349,292	3,774,496
4/1/2044	-		1,293,755	1,293,755
10/1/2044	2,536,278	4.650%	1,293,755	3,830,033
4/1/2045	-		1,234,786	1,234,786
10/1/2045	2,654,215	4.750%	1,234,786	3,889,001
4/1/2046	-		1,171,748	1,171,748
10/1/2046	2,780,291	4.850%	1,171,748	3,952,039
4/1/2047	-		1,104,326	1,104,326
10/1/2047	2,915,134	4.950%	1,104,326	4,019,460
4/1/2048	-		1,032,177	1,032,177
10/1/2048	3,059,433	5.050%	1,032,177	4,091,610
4/1/2049	-		954,926	954,926
10/1/2049	3,213,935	5.150%	954,926	4,168,861
4/1/2050	-		872,167	872,167
10/1/2050	3,379,453	5.250%	872,167	4,251,620
4/1/2051	-		783,457	783,457
10/1/2051	3,556,874	5.350%	783,457	4,340,331
4/1/2052	-		688,310	688,310
10/1/2052	3,747,166	5.450%	688,310	4,435,476
4/1/2053	-		586,200	586,200
10/1/2053	3,951,388	5.550%	586,200	4,537,588
4/1/2054	-		476,549	476,549
10/1/2054	16,868,993	5.650%	476,549	17,345,542

Annual Debt Service	Price	Total Proceeds	Beginning DS	Ending DS
126,962,622		53,408,911		
-		-	-	-
2,803,240	100.000	-	190,037,813	192,841,053
-		-	-	-
2,803,240	100.000	-	201,845,702	204,648,942
-		-	-	-
2,803,240	100.000	-	202,383,361	205,186,601
-		-	-	-
2,803,240	100.000	-	196,083,954	198,887,194
-		-	-	-
2,803,240	100.000	-	187,711,417	190,514,657
-		-	-	-
2,803,240	100.000	-	184,485,242	187,288,483
-		-	-	-
2,803,240	100.000	-	171,720,752	174,523,992
-		-	-	-
2,803,240	100.000	-	158,448,780	161,252,020
-		-	-	-
2,803,240	100.000	-	166,984,835	169,788,075
-		-	-	-
2,803,240	100.000	-	150,296,601	153,099,841
-		-	-	-
2,803,240	100.000	-	146,128,466	148,931,706
-		-	-	-
2,803,240	100.000	-	147,573,921	150,377,161
-		-	-	-
2,803,240	100.000	-	130,191,788	132,995,029
-		-	-	-
2,803,240	100.000	-	83,747,107	86,550,348
-		-	-	-
2,803,240	100.000	-	61,621,013	64,424,254
-		-	-	-
2,803,240	100.000	-	24,155,241	26,958,481
-		-	-	-

2,803,240	100.000	-		18,650,115	21,453,355
-		-		-	-
5,123,787	100.000	2,320,547		12,698,304	17,822,092
-		-		-	-
5,123,787	100.000	2,425,204		12,698,305	17,822,092
-		-		-	-
5,123,787	100.000	2,536,278		12,698,304	17,822,091
-		-		-	-
5,123,787	100.000	2,654,215		12,698,304	17,822,092
-		-		-	-
5,123,788	100.000	2,780,291		12,698,304	17,822,092
-		-		-	-
5,123,787	100.000	2,915,134		12,698,305	17,822,092
-		-		-	-
5,123,787	100.000	3,059,433		12,698,305	17,822,091
-		-		-	-
5,123,787	100.000	3,213,935		12,698,304	17,822,091
-		-		-	-
5,123,788	100.000	3,379,453		12,698,304	17,822,092
-		-		-	-
5,123,787	100.000	3,556,874		12,698,304	17,822,092
-		-		-	-
5,123,787	100.000	3,747,166		12,698,305	17,822,091
-		-		-	-
5,123,788	100.000	3,951,388		12,698,304	17,822,092
-		-		-	-
17,822,091	100.000	16,868,993		-	17,822,091

JEA HEAT Model
Series 2025

U/D	0
Target	23,259,907
Result	60,749,879

Period	Date	Principal	Coupon	Interest
		60,993,854		84,211,019
	10/1/2025			
	4/1/2026			1,601,668
	10/1/2026	-	0.570%	1,601,668
	4/1/2027	-		1,601,668
	10/1/2027	-	0.870%	1,601,668
	4/1/2028	-		1,601,668
	10/1/2028	-	1.240%	1,601,668
	4/1/2029	-		1,601,668
	10/1/2029	-	1.590%	1,601,668
	4/1/2030	-		1,601,668
	10/1/2030	-	2.000%	1,601,668
	4/1/2031	-		1,601,668
	10/1/2031	-	2.510%	1,601,668
	4/1/2032	-		1,601,668
	10/1/2032	-	2.880%	1,601,668
	4/1/2033	-		1,601,668
	10/1/2033	-	3.130%	1,601,668
	4/1/2034	-		1,601,668
	10/1/2034	-	3.380%	1,601,668
	4/1/2035	-		1,601,668
	10/1/2035	-	3.610%	1,601,668
	4/1/2036	-		1,601,668
	10/1/2036	-	3.760%	1,601,668
	4/1/2037	-		1,601,668
	10/1/2037	-	3.890%	1,601,668
	4/1/2038	-		1,601,668
	10/1/2038	-	4.010%	1,601,668
	4/1/2039	-		1,601,668
	10/1/2039	-	4.130%	1,601,668
	4/1/2040	-		1,601,668
	10/1/2040	-	4.240%	1,601,668
	4/1/2041	-		1,601,668
	10/1/2041	-	4.340%	1,601,668
	4/1/2042	-		1,601,668

	10/1/2042	2,234,481	4.430%	1,601,668
	4/1/2043	-		1,552,174
	10/1/2043	2,333,467	4.510%	1,552,174
	4/1/2044	-		1,499,554
	10/1/2044	2,438,707	4.580%	1,499,554
	4/1/2045	-		1,443,708
	10/1/2045	2,550,400	4.650%	1,443,708
	4/1/2046	-		1,384,411
	10/1/2046	2,668,993	4.750%	1,384,411
	4/1/2047	-		1,321,022
	10/1/2047	2,795,771	4.850%	1,321,022
	4/1/2048	-		1,253,225
	10/1/2048	2,931,366	4.950%	1,253,225
	4/1/2049	-		1,180,674
	10/1/2049	3,076,469	5.050%	1,180,674
	4/1/2050	-		1,102,993
	10/1/2050	3,231,830	5.150%	1,102,993
	4/1/2051	-		1,019,773
	10/1/2051	3,398,269	5.250%	1,019,773
	4/1/2052	-		930,569
	10/1/2052	3,576,679	5.350%	930,569
	4/1/2053	-		834,892
	10/1/2053	3,768,030	5.450%	834,892
	4/1/2054	-		732,214
	10/1/2054	3,973,389	5.550%	732,214
	4/1/2055	-		621,952
	10/1/2055	22,016,003	5.650%	621,952

Semi-Annual Debt Service	Annual Debt Service	Price	Total Proceeds	Beginning DS
145,204,873	145,204,873		60,993,854	
1,601,668	-		-	-
1,601,668	3,203,335	100.000	-	204,648,942
1,601,668	-		-	-
1,601,668	3,203,335	100.000	-	205,186,601
1,601,668	-		-	-
1,601,668	3,203,335	100.000	-	198,887,194
1,601,668	-		-	-
1,601,668	3,203,335	100.000	-	190,514,657
1,601,668	-		-	-
1,601,668	3,203,335	100.000	-	187,288,483
1,601,668	-		-	-
1,601,668	3,203,335	100.000	-	174,523,992
1,601,668	-		-	-
1,601,668	3,203,335	100.000	-	161,252,020
1,601,668	-		-	-
1,601,668	3,203,335	100.000	-	169,788,075
1,601,668	-		-	-
1,601,668	3,203,335	100.000	-	153,099,841
1,601,668	-		-	-
1,601,668	3,203,335	100.000	-	148,931,706
1,601,668	-		-	-
1,601,668	3,203,335	100.000	-	150,377,161
1,601,668	-		-	-
1,601,668	3,203,335	100.000	-	132,995,029
1,601,668	-		-	-
1,601,668	3,203,335	100.000	-	86,550,348
1,601,668	-		-	-
1,601,668	3,203,335	100.000	-	64,424,254
1,601,668	-		-	-
1,601,668	3,203,335	100.000	-	26,958,481
1,601,668	-		-	-
1,601,668	3,203,335	100.000	-	21,453,355
1,601,668	-		-	-

3,836,149	5,437,816	100.000	2,234,481		17,822,092
1,552,174	-		-		-
3,885,641	5,437,815	100.000	2,333,467		17,822,092
1,499,554	-		-		-
3,938,261	5,437,815	100.000	2,438,707		17,822,091
1,443,708	-		-		-
3,994,108	5,437,816	100.000	2,550,400		17,822,092
1,384,411	-		-		-
4,053,404	5,437,815	100.000	2,668,993		17,822,092
1,321,022	-		-		-
4,116,793	5,437,816	100.000	2,795,771		17,822,092
1,253,225	-		-		-
4,184,591	5,437,816	100.000	2,931,366		17,822,091
1,180,674	-		-		-
4,257,143	5,437,816	100.000	3,076,469		17,822,091
1,102,993	-		-		-
4,334,823	5,437,816	100.000	3,231,830		17,822,092
1,019,773	-		-		-
4,418,042	5,437,815	100.000	3,398,269		17,822,092
930,569	-		-		-
4,507,248	5,437,816	100.000	3,576,679		17,822,091
834,892	-		-		-
4,602,922	5,437,815	100.000	3,768,030		17,822,092
732,214	-		-		-
4,705,603	5,437,816	100.000	3,973,389		17,822,091
621,952	-		-		-
22,637,955	23,259,907	100.000	22,016,003		-

JEA HEAT Model
Series 2026

U/D	0
Target	27,539,772
Result	53,409,738

Ending DS	Period	Date	Principal	Coupon
			53,624,235	
		10/1/2026		
-		4/1/2027		
207,852,277		10/1/2027	-	0.570%
-		4/1/2028	-	
208,389,936		10/1/2028	-	0.870%
-		4/1/2029	-	
202,090,529		10/1/2029	-	1.240%
-		4/1/2030	-	
193,717,992		10/1/2030	-	1.590%
-		4/1/2031	-	
190,491,818		10/1/2031	-	2.000%
-		4/1/2032	-	
177,727,327		10/1/2032	-	2.510%
-		4/1/2033	-	
164,455,356		10/1/2033	-	2.880%
-		4/1/2034	-	
172,991,410		10/1/2034	-	3.130%
-		4/1/2035	-	
156,303,176		10/1/2035	-	3.380%
-		4/1/2036	-	
152,135,041		10/1/2036	-	3.610%
-		4/1/2037	-	
153,580,496		10/1/2037	-	3.760%
-		4/1/2038	-	
136,198,364		10/1/2038	-	3.890%
-		4/1/2039	-	
89,753,683		10/1/2039	-	4.010%
-		4/1/2040	-	
67,627,589		10/1/2040	-	4.130%
-		4/1/2041	-	
30,161,817		10/1/2041	35,108	4.240%
-		4/1/2042	-	
24,656,690		10/1/2042	1,433,379	4.340%
-		4/1/2043	-	

23,259,908			10/1/2043	1,495,589	4.430%
-			4/1/2044	-	
23,259,907			10/1/2044	1,561,844	4.510%
-			4/1/2045	-	
23,259,907			10/1/2045	1,632,282	4.580%
-			4/1/2046	-	
23,259,907			10/1/2046	1,707,041	4.650%
-			4/1/2047	-	
23,259,907			10/1/2047	1,786,418	4.750%
-			4/1/2048	-	
23,259,907			10/1/2048	1,871,273	4.850%
-			4/1/2049	-	
23,259,907			10/1/2049	1,962,029	4.950%
-			4/1/2050	-	
23,259,908			10/1/2050	2,059,150	5.050%
-			4/1/2051	-	
23,259,908			10/1/2051	2,163,137	5.150%
-			4/1/2052	-	
23,259,907			10/1/2052	2,274,538	5.250%
-			4/1/2053	-	
23,259,908			10/1/2053	2,393,953	5.350%
-			4/1/2054	-	
23,259,907			10/1/2054	2,522,028	5.450%
-			4/1/2055	-	
23,259,907			10/1/2055	2,659,479	5.550%
-			4/1/2056	-	
23,259,907			10/1/2056	26,066,987	5.650%

Interest	Semi-Annual Debt Service	Annual Debt Service	Price	Total Proceeds
76,588,358	130,212,593	130,212,593		53,624,235
1,423,987	1,423,987	-		-
1,423,987	1,423,987	2,847,974	100.000	-
1,423,987	1,423,987	-		-
1,423,987	1,423,987	2,847,974	100.000	-
1,423,987	1,423,987	-		-
1,423,987	1,423,987	2,847,974	100.000	-
1,423,987	1,423,987	-		-
1,423,987	1,423,987	2,847,974	100.000	-
1,423,987	1,423,987	-		-
1,423,987	1,423,987	2,847,974	100.000	-
1,423,987	1,423,987	-		-
1,423,987	1,423,987	2,847,974	100.000	-
1,423,987	1,423,987	-		-
1,423,987	1,423,987	2,847,974	100.000	-
1,423,987	1,423,987	-		-
1,423,987	1,423,987	2,847,974	100.000	-
1,423,987	1,423,987	-		-
1,423,987	1,423,987	2,847,974	100.000	-
1,423,987	1,423,987	-		-
1,423,987	1,423,987	2,847,974	100.000	-
1,423,987	1,423,987	-		-
1,423,987	1,423,987	2,847,974	100.000	-
1,423,987	1,423,987	-		-
1,423,987	1,423,987	2,847,974	100.000	-
1,423,987	1,423,987	-		-
1,423,987	1,423,987	2,847,974	100.000	-
1,423,987	1,423,987	-		-
1,423,987	1,423,987	2,847,974	100.000	-
1,423,987	1,423,987	-		-
1,423,987	1,423,987	2,847,974	100.000	-
1,423,987	1,423,987	-		-
1,423,987	1,423,987	2,847,974	100.000	-
1,423,987	1,423,987	-		-
1,423,987	1,459,095	2,883,082	100.000	35,108
1,423,243	1,423,243	-		-
1,423,243	2,856,622	4,279,864	100.000	1,433,379
1,392,138	1,392,138	-		-

1,392,138	2,887,727	4,279,865	100.000	1,495,589
1,359,011	1,359,011	-		-
1,359,011	2,920,855	4,279,866	100.000	1,561,844
1,323,791	1,323,791	-		-
1,323,791	2,956,073	4,279,865	100.000	1,632,282
1,286,412	1,286,412	-		-
1,286,412	2,993,453	4,279,865	100.000	1,707,041
1,246,723	1,246,723	-		-
1,246,723	3,033,141	4,279,865	100.000	1,786,418
1,204,296	1,204,296	-		-
1,204,296	3,075,569	4,279,865	100.000	1,871,273
1,158,918	1,158,918	-		-
1,158,918	3,120,947	4,279,864	100.000	1,962,029
1,110,357	1,110,357	-		-
1,110,357	3,169,507	4,279,865	100.000	2,059,150
1,058,364	1,058,364	-		-
1,058,364	3,221,501	4,279,865	100.000	2,163,137
1,002,663	1,002,663	-		-
1,002,663	3,277,201	4,279,864	100.000	2,274,538
942,956	942,956	-		-
942,956	3,336,909	4,279,866	100.000	2,393,953
878,918	878,918	-		-
878,918	3,400,946	4,279,864	100.000	2,522,028
810,193	810,193	-		-
810,193	3,469,672	4,279,865	100.000	2,659,479
736,392	736,392	-		-
736,392	26,803,379	27,539,772	100.000	26,066,987

		9
Beginning DS	Ending DS	
-	-	
208,389,936	211,237,910	
-	-	
202,090,529	204,938,503	
-	-	
193,717,992	196,565,966	
-	-	
190,491,818	193,339,791	
-	-	
177,727,327	180,575,301	
-	-	
164,455,356	167,303,329	
-	-	
172,991,410	175,839,384	
-	-	
156,303,176	159,151,150	
-	-	
152,135,041	154,983,015	
-	-	
153,580,496	156,428,470	
-	-	
136,198,364	139,046,337	
-	-	
89,753,683	92,601,656	
-	-	
67,627,589	70,475,563	
-	-	
30,161,817	33,009,790	
-	-	
24,656,690	27,539,772	
-	-	
23,259,908	27,539,772	
-	-	

JEA HEAT Model
Series 2027

U/D Target Result

Period	Date	Principal
		58,754,233
	10/1/2027	
	4/1/2028	
	10/1/2028	-
	4/1/2029	-
	10/1/2029	-
	4/1/2030	-
	10/1/2030	-
	4/1/2031	-
	10/1/2031	-
	4/1/2032	-
	10/1/2032	-
	4/1/2033	-
	10/1/2033	-
	4/1/2034	-
	10/1/2034	-
	4/1/2035	-
	10/1/2035	-
	4/1/2036	-
	10/1/2036	-
	4/1/2037	-
	10/1/2037	-
	4/1/2038	-
	10/1/2038	-
	4/1/2039	-
	10/1/2039	-
	4/1/2040	-
	10/1/2040	-
	4/1/2041	-
	10/1/2041	1,248,149
	4/1/2042	-
	10/1/2042	1,299,697
	4/1/2043	-
	10/1/2043	1,354,804
	4/1/2044	-

23,259,907	27,539,772		10/1/2044	1,413,602
-	-		4/1/2045	-
23,259,907	27,539,773		10/1/2045	1,476,225
-	-		4/1/2046	-
23,259,907	27,539,772		10/1/2046	1,542,803
-	-		4/1/2047	-
23,259,907	27,539,772		10/1/2047	1,613,463
-	-		4/1/2048	-
23,259,907	27,539,772		10/1/2048	1,688,489
-	-		4/1/2049	-
23,259,907	27,539,772		10/1/2049	1,768,693
-	-		4/1/2050	-
23,259,908	27,539,772		10/1/2050	1,854,474
-	-		4/1/2051	-
23,259,908	27,539,772		10/1/2051	1,946,271
-	-		4/1/2052	-
23,259,907	27,539,772		10/1/2052	2,044,557
-	-		4/1/2053	-
23,259,908	27,539,772		10/1/2053	2,149,851
-	-		4/1/2054	-
23,259,907	27,539,773		10/1/2054	2,262,719
-	-		4/1/2055	-
23,259,907	27,539,772		10/1/2055	2,383,774
-	-		4/1/2056	-
23,259,907	27,539,772		10/1/2056	2,513,690
-	-		4/1/2057	-
-	27,539,772		10/1/2057	30,192,972

0
31,898,875
58,519,216

Coupon	Interest	Semi-Annual Debt Service	Annual Debt Service	Price
	83,332,698	142,086,931	142,086,931	
	1,555,477	1,555,477	-	
0.570%	1,555,477	1,555,477	3,110,955	100.000
	1,555,477	1,555,477	-	
0.870%	1,555,477	1,555,477	3,110,955	100.000
	1,555,477	1,555,477	-	
1.240%	1,555,477	1,555,477	3,110,955	100.000
	1,555,477	1,555,477	-	
1.590%	1,555,477	1,555,477	3,110,955	100.000
	1,555,477	1,555,477	-	
2.000%	1,555,477	1,555,477	3,110,955	100.000
	1,555,477	1,555,477	-	
2.510%	1,555,477	1,555,477	3,110,955	100.000
	1,555,477	1,555,477	-	
2.880%	1,555,477	1,555,477	3,110,955	100.000
	1,555,477	1,555,477	-	
3.130%	1,555,477	1,555,477	3,110,955	100.000
	1,555,477	1,555,477	-	
3.380%	1,555,477	1,555,477	3,110,955	100.000
	1,555,477	1,555,477	-	
3.610%	1,555,477	1,555,477	3,110,955	100.000
	1,555,477	1,555,477	-	
3.760%	1,555,477	1,555,477	3,110,955	100.000
	1,555,477	1,555,477	-	
3.890%	1,555,477	1,555,477	3,110,955	100.000
	1,555,477	1,555,477	-	
4.010%	1,555,477	1,555,477	3,110,955	100.000
	1,555,477	1,555,477	-	
4.130%	1,555,477	2,803,626	4,359,104	100.000
	1,529,703	1,529,703	-	
4.240%	1,529,703	2,829,400	4,359,103	100.000
	1,502,149	1,502,149	-	
4.340%	1,502,149	2,856,953	4,359,103	100.000
	1,472,750	1,472,750	-	

4.430%	1,472,750	2,886,352	4,359,102	100.000
	1,441,439	1,441,439	-	
4.510%	1,441,439	2,917,664	4,359,103	100.000
	1,408,150	1,408,150	-	
4.580%	1,408,150	2,950,953	4,359,103	100.000
	1,372,820	1,372,820	-	
4.650%	1,372,820	2,986,283	4,359,103	100.000
	1,335,307	1,335,307	-	
4.750%	1,335,307	3,023,796	4,359,103	100.000
	1,295,205	1,295,205	-	
4.850%	1,295,205	3,063,898	4,359,103	100.000
	1,252,314	1,252,314	-	
4.950%	1,252,314	3,106,788	4,359,103	100.000
	1,206,416	1,206,416	-	
5.050%	1,206,416	3,152,687	4,359,103	100.000
	1,157,273	1,157,273	-	
5.150%	1,157,273	3,201,830	4,359,103	100.000
	1,104,626	1,104,626	-	
5.250%	1,104,626	3,254,477	4,359,102	100.000
	1,048,192	1,048,192	-	
5.350%	1,048,192	3,310,911	4,359,103	100.000
	987,664	987,664	-	
5.450%	987,664	3,371,438	4,359,102	100.000
	922,706	922,706	-	
5.550%	922,706	3,436,396	4,359,103	100.000
	852,951	852,951	-	
5.650%	852,951	31,045,923	31,898,875	100.000

JEA HEAT Model
Series 2028

10

Total Proceeds	Beginning DS	Ending DS	Period
58,754,233			
-	-	-	
-	204,938,503	208,049,457	
-	-	-	
-	196,565,966	199,676,920	
-	-	-	
-	193,339,791	196,450,746	
-	-	-	
-	180,575,301	183,686,255	
-	-	-	
-	167,303,329	170,414,284	
-	-	-	
-	175,839,384	178,950,338	
-	-	-	
-	159,151,150	162,262,104	
-	-	-	
-	154,983,015	158,093,970	
-	-	-	
-	156,428,470	159,539,424	
-	-	-	
-	139,046,337	142,157,292	
-	-	-	
-	92,601,656	95,712,611	
-	-	-	
-	70,475,563	73,586,517	
-	-	-	
-	33,009,790	36,120,745	
-	-	-	
1,248,149	27,539,772	31,898,875	
-	-	-	
1,299,697	27,539,772	31,898,875	
-	-	-	
1,354,804	27,539,772	31,898,875	
-	-	-	

1,413,602	27,539,773	31,898,875	
-	-	-	
1,476,225	27,539,772	31,898,875	
-	-	-	
1,542,803	27,539,772	31,898,875	
-	-	-	
1,613,463	27,539,772	31,898,875	
-	-	-	
1,688,489	27,539,772	31,898,875	
-	-	-	
1,768,693	27,539,772	31,898,875	
-	-	-	
1,854,474	27,539,772	31,898,875	
-	-	-	
1,946,271	27,539,772	31,898,875	
-	-	-	
2,044,557	27,539,772	31,898,874	
-	-	-	
2,149,851	27,539,773	31,898,875	
-	-	-	
2,262,719	27,539,772	31,898,875	
-	-	-	
2,383,774	27,539,772	31,898,874	
-	-	-	
2,513,690	27,539,772	31,898,874	
-	-	-	
30,192,972	-	31,898,875	

U/D	0
Target	36,012,919
Result	58,396,999

Date	Principal	Coupon	Interest	Semi-Annual Debt Service
	58,631,525		84,812,541	143,444,066
10/1/2028				
4/1/2029			1,562,183	1,562,183
10/1/2029	-	0.570%	1,562,183	1,562,183
4/1/2030	-		1,562,183	1,562,183
10/1/2030	-	0.870%	1,562,183	1,562,183
4/1/2031	-		1,562,183	1,562,183
10/1/2031	-	1.240%	1,562,183	1,562,183
4/1/2032	-		1,562,183	1,562,183
10/1/2032	-	1.590%	1,562,183	1,562,183
4/1/2033	-		1,562,183	1,562,183
10/1/2033	-	2.000%	1,562,183	1,562,183
4/1/2034	-		1,562,183	1,562,183
10/1/2034	-	2.510%	1,562,183	1,562,183
4/1/2035	-		1,562,183	1,562,183
10/1/2035	-	2.880%	1,562,183	1,562,183
4/1/2036	-		1,562,183	1,562,183
10/1/2036	-	3.130%	1,562,183	1,562,183
4/1/2037	-		1,562,183	1,562,183
10/1/2037	-	3.380%	1,562,183	1,562,183
4/1/2038	-		1,562,183	1,562,183
10/1/2038	-	3.610%	1,562,183	1,562,183
4/1/2039	-		1,562,183	1,562,183
10/1/2039	-	3.760%	1,562,183	1,562,183
4/1/2040	-		1,562,183	1,562,183
10/1/2040	-	3.890%	1,562,183	1,562,183
4/1/2041	-		1,562,183	1,562,183
10/1/2041	989,678	4.010%	1,562,183	2,551,861
4/1/2042	-		1,542,340	1,542,340
10/1/2042	1,029,364	4.130%	1,542,340	2,571,704
4/1/2043	-		1,521,084	1,521,084
10/1/2043	1,071,877	4.240%	1,521,084	2,592,961
4/1/2044	-		1,498,360	1,498,360
10/1/2044	1,117,324	4.340%	1,498,360	2,615,684
4/1/2045	-		1,474,114	1,474,114

10/1/2045	1,165,817	4.430%	1,474,114	2,639,931
4/1/2046	-		1,448,291	1,448,291
10/1/2046	1,217,462	4.510%	1,448,291	2,665,753
4/1/2047	-		1,420,837	1,420,837
10/1/2047	1,272,370	4.580%	1,420,837	2,693,207
4/1/2048	-		1,391,700	1,391,700
10/1/2048	1,330,644	4.650%	1,391,700	2,722,344
4/1/2049	-		1,360,763	1,360,763
10/1/2049	1,392,519	4.750%	1,360,763	2,753,282
4/1/2050	-		1,327,690	1,327,690
10/1/2050	1,458,663	4.850%	1,327,690	2,786,353
4/1/2051	-		1,292,318	1,292,318
10/1/2051	1,529,408	4.950%	1,292,318	2,821,726
4/1/2052	-		1,254,465	1,254,465
10/1/2052	1,605,115	5.050%	1,254,465	2,859,580
4/1/2053	-		1,213,936	1,213,936
10/1/2053	1,686,173	5.150%	1,213,936	2,900,109
4/1/2054	-		1,170,517	1,170,517
10/1/2054	1,773,011	5.250%	1,170,517	2,943,528
4/1/2055	-		1,123,975	1,123,975
10/1/2055	1,866,094	5.350%	1,123,975	2,990,069
4/1/2056	-		1,074,057	1,074,057
10/1/2056	1,965,930	5.450%	1,074,057	3,039,987
4/1/2057	-		1,020,486	1,020,486
10/1/2057	2,073,073	5.550%	1,020,486	3,093,559
4/1/2058	-		962,958	962,958
10/1/2058	34,087,003	5.650%	962,958	35,049,961

Annual Debt Service	Price	Total Proceeds	Beginning DS	Ending DS
143,444,066		58,631,525		
-		-	-	-
3,124,366	100.000	-	199,676,920	202,801,287
-		-	-	-
3,124,366	100.000	-	196,450,746	199,575,112
-		-	-	-
3,124,366	100.000	-	183,686,255	186,810,622
-		-	-	-
3,124,366	100.000	-	170,414,284	173,538,650
-		-	-	-
3,124,366	100.000	-	178,950,338	182,074,704
-		-	-	-
3,124,366	100.000	-	162,262,104	165,386,471
-		-	-	-
3,124,366	100.000	-	158,093,970	161,218,336
-		-	-	-
3,124,366	100.000	-	159,539,424	162,663,791
-		-	-	-
3,124,366	100.000	-	142,157,292	145,281,658
-		-	-	-
3,124,366	100.000	-	95,712,611	98,836,977
-		-	-	-
3,124,366	100.000	-	73,586,517	76,710,883
-		-	-	-
3,124,366	100.000	-	36,120,745	39,245,111
-		-	-	-
4,114,044	100.000	989,678	31,898,875	36,012,920
-		-	-	-
4,114,044	100.000	1,029,364	31,898,875	36,012,919
-		-	-	-
4,114,044	100.000	1,071,877	31,898,875	36,012,920
-		-	-	-
4,114,044	100.000	1,117,324	31,898,875	36,012,919
-		-	-	-

4,114,045	100.000	1,165,817		31,898,875	36,012,920
-		-		-	-
4,114,044	100.000	1,217,462		31,898,875	36,012,919
-		-		-	-
4,114,045	100.000	1,272,370		31,898,875	36,012,920
-		-		-	-
4,114,044	100.000	1,330,644		31,898,875	36,012,919
-		-		-	-
4,114,044	100.000	1,392,519		31,898,875	36,012,920
-		-		-	-
4,114,044	100.000	1,458,663		31,898,875	36,012,919
-		-		-	-
4,114,043	100.000	1,529,408		31,898,875	36,012,919
-		-		-	-
4,114,045	100.000	1,605,115		31,898,874	36,012,919
-		-		-	-
4,114,044	100.000	1,686,173		31,898,875	36,012,919
-		-		-	-
4,114,045	100.000	1,773,011		31,898,875	36,012,919
-		-		-	-
4,114,044	100.000	1,866,094		31,898,874	36,012,919
-		-		-	-
4,114,044	100.000	1,965,930		31,898,874	36,012,919
-		-		-	-
4,114,044	100.000	2,073,073		31,898,875	36,012,919
-		-		-	-
36,012,919	100.000	34,087,003		-	36,012,919

JEA HEAT Model
Series 2029

U/D	0
Target	39,455,068
Result	52,656,483

Period	Date	Principal	Coupon	Interest
		52,867,955		80,029,812
	10/1/2029			
	4/1/2030			1,431,092
	10/1/2030	-	0.570%	1,431,092
	4/1/2031	-		1,431,092
	10/1/2031	-	0.870%	1,431,092
	4/1/2032	-		1,431,092
	10/1/2032	-	1.240%	1,431,092
	4/1/2033	-		1,431,092
	10/1/2033	-	1.590%	1,431,092
	4/1/2034	-		1,431,092
	10/1/2034	-	2.000%	1,431,092
	4/1/2035	-		1,431,092
	10/1/2035	-	2.510%	1,431,092
	4/1/2036	-		1,431,092
	10/1/2036	-	2.880%	1,431,092
	4/1/2037	-		1,431,092
	10/1/2037	-	3.130%	1,431,092
	4/1/2038	-		1,431,092
	10/1/2038	-	3.380%	1,431,092
	4/1/2039	-		1,431,092
	10/1/2039	-	3.610%	1,431,092
	4/1/2040	-		1,431,092
	10/1/2040	-	3.760%	1,431,092
	4/1/2041	-		1,431,092
	10/1/2041	579,964	3.890%	1,431,092
	4/1/2042	-		1,419,812
	10/1/2042	602,525	4.010%	1,419,812
	4/1/2043	-		1,407,731
	10/1/2043	626,685	4.130%	1,407,731
	4/1/2044	-		1,394,790
	10/1/2044	652,568	4.240%	1,394,790
	4/1/2045	-		1,380,956
	10/1/2045	680,236	4.340%	1,380,956
	4/1/2046	-		1,366,195

	10/1/2046	709,759	4.430%	1,366,195
	4/1/2047	-		1,350,473
	10/1/2047	741,201	4.510%	1,350,473
	4/1/2048	-		1,333,759
	10/1/2048	774,630	4.580%	1,333,759
	4/1/2049	-		1,316,020
	10/1/2049	810,107	4.650%	1,316,020
	4/1/2050	-		1,297,185
	10/1/2050	847,778	4.750%	1,297,185
	4/1/2051	-		1,277,051
	10/1/2051	888,048	4.850%	1,277,051
	4/1/2052	-		1,255,515
	10/1/2052	931,117	4.950%	1,255,515
	4/1/2053	-		1,232,470
	10/1/2053	977,208	5.050%	1,232,470
	4/1/2054	-		1,207,796
	10/1/2054	1,026,557	5.150%	1,207,796
	4/1/2055	-		1,181,362
	10/1/2055	1,079,425	5.250%	1,181,362
	4/1/2056	-		1,153,027
	10/1/2056	1,136,095	5.350%	1,153,027
	4/1/2057	-		1,122,637
	10/1/2057	1,196,875	5.450%	1,122,637
	4/1/2058	-		1,090,022
	10/1/2058	1,262,106	5.550%	1,090,022
	4/1/2059	-		1,054,998
	10/1/2059	37,345,071	5.650%	1,054,998

Semi-Annual Debt Service	Annual Debt Service	Price	Total Proceeds	Beginning DS
132,897,767	132,897,767		52,867,955	
1,431,092	-		-	-
1,431,092	2,862,184	100.000	-	199,575,112
1,431,092	-		-	-
1,431,092	2,862,184	100.000	-	186,810,622
1,431,092	-		-	-
1,431,092	2,862,184	100.000	-	173,538,650
1,431,092	-		-	-
1,431,092	2,862,184	100.000	-	182,074,704
1,431,092	-		-	-
1,431,092	2,862,184	100.000	-	165,386,471
1,431,092	-		-	-
1,431,092	2,862,184	100.000	-	161,218,336
1,431,092	-		-	-
1,431,092	2,862,184	100.000	-	162,663,791
1,431,092	-		-	-
1,431,092	2,862,184	100.000	-	145,281,658
1,431,092	-		-	-
1,431,092	2,862,184	100.000	-	98,836,977
1,431,092	-		-	-
1,431,092	2,862,184	100.000	-	76,710,883
1,431,092	-		-	-
1,431,092	2,862,184	100.000	-	39,245,111
1,431,092	-		-	-
2,011,056	3,442,148	100.000	579,964	36,012,920
1,419,812	-		-	-
2,022,337	3,442,149	100.000	602,525	36,012,919
1,407,731	-		-	-
2,034,416	3,442,147	100.000	626,685	36,012,920
1,394,790	-		-	-
2,047,358	3,442,148	100.000	652,568	36,012,919
1,380,956	-		-	-
2,061,192	3,442,148	100.000	680,236	36,012,920
1,366,195	-		-	-

2,075,954	3,442,148	100.000	709,759		36,012,919
1,350,473	-		-		-
2,091,674	3,442,148	100.000	741,201		36,012,920
1,333,759	-		-		-
2,108,389	3,442,149	100.000	774,630		36,012,919
1,316,020	-		-		-
2,126,127	3,442,148	100.000	810,107		36,012,920
1,297,185	-		-		-
2,144,963	3,442,149	100.000	847,778		36,012,919
1,277,051	-		-		-
2,165,099	3,442,149	100.000	888,048		36,012,919
1,255,515	-		-		-
2,186,632	3,442,148	100.000	931,117		36,012,919
1,232,470	-		-		-
2,209,678	3,442,149	100.000	977,208		36,012,919
1,207,796	-		-		-
2,234,353	3,442,149	100.000	1,026,557		36,012,919
1,181,362	-		-		-
2,260,787	3,442,149	100.000	1,079,425		36,012,919
1,153,027	-		-		-
2,289,122	3,442,149	100.000	1,136,095		36,012,919
1,122,637	-		-		-
2,319,512	3,442,148	100.000	1,196,875		36,012,919
1,090,022	-		-		-
2,352,128	3,442,149	100.000	1,262,106		36,012,919
1,054,998	-		-		-
38,400,069	39,455,068	100.000	37,345,071		-

JEA HEAT Model
Series 2030

U/D	0
Target	43,495,493
Result	61,617,752

Ending DS	Period	Date	Principal	Coupon
			61,865,213	
		10/1/2030		
-		4/1/2031		
202,437,297		10/1/2031	-	0.570%
-		4/1/2032	-	
189,672,806		10/1/2032	-	0.870%
-		4/1/2033	-	
176,400,835		10/1/2033	-	1.240%
-		4/1/2034	-	
184,936,889		10/1/2034	-	1.590%
-		4/1/2035	-	
168,248,655		10/1/2035	-	2.000%
-		4/1/2036	-	
164,080,520		10/1/2036	-	2.510%
-		4/1/2037	-	
165,525,975		10/1/2037	-	2.880%
-		4/1/2038	-	
148,143,843		10/1/2038	-	3.130%
-		4/1/2039	-	
101,699,162		10/1/2039	-	3.380%
-		4/1/2040	-	
79,573,068		10/1/2040	-	3.610%
-		4/1/2041	-	
42,107,295		10/1/2041	719,312	3.760%
-		4/1/2042	-	
39,455,068		10/1/2042	746,358	3.890%
-		4/1/2043	-	
39,455,068		10/1/2043	775,393	4.010%
-		4/1/2044	-	
39,455,067		10/1/2044	806,486	4.130%
-		4/1/2045	-	
39,455,067		10/1/2045	839,794	4.240%
-		4/1/2046	-	
39,455,067		10/1/2046	875,400	4.340%
-		4/1/2047	-	

39,455,068			10/1/2047	913,393	4.430%
-			4/1/2048	-	
39,455,068			10/1/2048	953,856	4.510%
-			4/1/2049	-	
39,455,068			10/1/2049	996,875	4.580%
-			4/1/2050	-	
39,455,067			10/1/2050	1,042,532	4.650%
-			4/1/2051	-	
39,455,068			10/1/2051	1,091,009	4.750%
-			4/1/2052	-	
39,455,068			10/1/2052	1,142,833	4.850%
-			4/1/2053	-	
39,455,067			10/1/2053	1,198,260	4.950%
-			4/1/2054	-	
39,455,068			10/1/2054	1,257,574	5.050%
-			4/1/2055	-	
39,455,068			10/1/2055	1,321,081	5.150%
-			4/1/2056	-	
39,455,068			10/1/2056	1,389,116	5.250%
-			4/1/2057	-	
39,455,068			10/1/2057	1,462,046	5.350%
-			4/1/2058	-	
39,455,067			10/1/2058	1,540,265	5.450%
-			4/1/2059	-	
39,455,068			10/1/2059	1,624,209	5.550%
-			4/1/2060	-	
39,455,068			10/1/2060	41,169,421	5.650%

Interest	Semi-Annual Debt Service	Annual Debt Service	Price	Total Proceeds
91,609,490	153,474,703	153,474,703		61,865,213
1,660,556	1,660,556	-		-
1,660,556	1,660,556	3,321,113	100.000	-
1,660,556	1,660,556	-		-
1,660,556	1,660,556	3,321,113	100.000	-
1,660,556	1,660,556	-		-
1,660,556	1,660,556	3,321,113	100.000	-
1,660,556	1,660,556	-		-
1,660,556	1,660,556	3,321,113	100.000	-
1,660,556	1,660,556	-		-
1,660,556	1,660,556	3,321,113	100.000	-
1,660,556	1,660,556	-		-
1,660,556	1,660,556	3,321,113	100.000	-
1,660,556	1,660,556	-		-
1,660,556	1,660,556	3,321,113	100.000	-
1,660,556	1,660,556	-		-
1,660,556	1,660,556	3,321,113	100.000	-
1,660,556	1,660,556	-		-
1,660,556	1,660,556	3,321,113	100.000	-
1,660,556	1,660,556	-		-
1,660,556	1,660,556	3,321,113	100.000	-
1,660,556	1,660,556	-		-
1,660,556	2,379,868	4,040,425	100.000	719,312
1,647,033	1,647,033	-		-
1,647,033	2,393,391	4,040,425	100.000	746,358
1,632,517	1,632,517	-		-
1,632,517	2,407,910	4,040,426	100.000	775,393
1,616,970	1,616,970	-		-
1,616,970	2,423,456	4,040,426	100.000	806,486
1,600,316	1,600,316	-		-
1,600,316	2,440,110	4,040,426	100.000	839,794
1,582,512	1,582,512	-		-
1,582,512	2,457,912	4,040,425	100.000	875,400
1,563,516	1,563,516	-		-

1,563,516	2,476,909	4,040,426	100.000	913,393
1,543,285	1,543,285	-		-
1,543,285	2,497,141	4,040,425	100.000	953,856
1,521,775	1,521,775	-		-
1,521,775	2,518,650	4,040,425	100.000	996,875
1,498,947	1,498,947	-		-
1,498,947	2,541,479	4,040,425	100.000	1,042,532
1,474,708	1,474,708	-		-
1,474,708	2,565,717	4,040,425	100.000	1,091,009
1,448,796	1,448,796	-		-
1,448,796	2,591,629	4,040,426	100.000	1,142,833
1,421,083	1,421,083	-		-
1,421,083	2,619,343	4,040,425	100.000	1,198,260
1,391,426	1,391,426	-		-
1,391,426	2,649,000	4,040,426	100.000	1,257,574
1,359,672	1,359,672	-		-
1,359,672	2,680,753	4,040,425	100.000	1,321,081
1,325,654	1,325,654	-		-
1,325,654	2,714,770	4,040,424	100.000	1,389,116
1,289,190	1,289,190	-		-
1,289,190	2,751,236	4,040,426	100.000	1,462,046
1,250,080	1,250,080	-		-
1,250,080	2,790,345	4,040,425	100.000	1,540,265
1,208,108	1,208,108	-		-
1,208,108	2,832,317	4,040,425	100.000	1,624,209
1,163,036	1,163,036	-		-
1,163,036	42,332,457	43,495,493	100.000	41,169,421

13	
Beginning DS	Ending DS
-	-
189,672,806	192,993,919
-	-
176,400,835	179,721,947
-	-
184,936,889	188,258,002
-	-
168,248,655	171,569,768
-	-
164,080,520	167,401,633
-	-
165,525,975	168,847,088
-	-
148,143,843	151,464,955
-	-
101,699,162	105,020,274
-	-
79,573,068	82,894,180
-	-
42,107,295	45,428,408
-	-
39,455,068	43,495,493
-	-
39,455,068	43,495,492
-	-
39,455,067	43,495,493
-	-
39,455,067	43,495,493
-	-
39,455,067	43,495,493
-	-
39,455,068	43,495,493
-	-

JEA HEAT Model
Series 2031

U/D Target Result

Period	Date	Principal
		47,892,540
	10/1/2031	
	4/1/2032	
	10/1/2032	-
	4/1/2033	-
	10/1/2033	-
	4/1/2034	-
	10/1/2034	-
	4/1/2035	-
	10/1/2035	-
	4/1/2036	-
	10/1/2036	-
	4/1/2037	-
	10/1/2037	-
	4/1/2038	-
	10/1/2038	-
	4/1/2039	-
	10/1/2039	-
	4/1/2040	-
	10/1/2040	-
	4/1/2041	-
	10/1/2041	132,124
	4/1/2042	-
	10/1/2042	136,894
	4/1/2043	-
	10/1/2043	142,041
	4/1/2044	-
	10/1/2044	147,566
	4/1/2045	-
	10/1/2045	153,484
	4/1/2046	-
	10/1/2046	159,823
	4/1/2047	-
	10/1/2047	166,599
	4/1/2048	-

39,455,068	43,495,493		10/1/2048	173,830
-	-		4/1/2049	-
39,455,068	43,495,493		10/1/2049	181,531
-	-		4/1/2050	-
39,455,067	43,495,493		10/1/2050	189,717
-	-		4/1/2051	-
39,455,068	43,495,493		10/1/2051	198,407
-	-		4/1/2052	-
39,455,068	43,495,493		10/1/2052	207,632
-	-		4/1/2053	-
39,455,067	43,495,493		10/1/2053	217,495
-	-		4/1/2054	-
39,455,068	43,495,493		10/1/2054	228,043
-	-		4/1/2055	-
39,455,068	43,495,493		10/1/2055	239,332
-	-		4/1/2056	-
39,455,068	43,495,493		10/1/2056	251,418
-	-		4/1/2057	-
39,455,068	43,495,492		10/1/2057	264,366
-	-		4/1/2058	-
39,455,067	43,495,493		10/1/2058	278,245
-	-		4/1/2059	-
39,455,068	43,495,493		10/1/2059	293,132
-	-		4/1/2060	-
39,455,068	43,495,492		10/1/2060	309,106
-	-		4/1/2061	-
-	43,495,493		10/1/2061	43,821,755

0
46,297,684
47,700,970

Coupon	Interest	Semi-Annual Debt Service	Annual Debt Service	Price
	78,479,577	126,372,117	126,372,117	
	1,335,034	1,335,034	-	
0.570%	1,335,034	1,335,034	2,670,067	100.000
	1,335,034	1,335,034	-	
0.870%	1,335,034	1,335,034	2,670,067	100.000
	1,335,034	1,335,034	-	
1.240%	1,335,034	1,335,034	2,670,067	100.000
	1,335,034	1,335,034	-	
1.590%	1,335,034	1,335,034	2,670,067	100.000
	1,335,034	1,335,034	-	
2.000%	1,335,034	1,335,034	2,670,067	100.000
	1,335,034	1,335,034	-	
2.510%	1,335,034	1,335,034	2,670,067	100.000
	1,335,034	1,335,034	-	
2.880%	1,335,034	1,335,034	2,670,067	100.000
	1,335,034	1,335,034	-	
3.130%	1,335,034	1,335,034	2,670,067	100.000
	1,335,034	1,335,034	-	
3.380%	1,335,034	1,335,034	2,670,067	100.000
	1,335,034	1,335,034	-	
3.610%	1,335,034	1,467,158	2,802,191	100.000
	1,332,649	1,332,649	-	
3.760%	1,332,649	1,469,543	2,802,191	100.000
	1,330,075	1,330,075	-	
3.890%	1,330,075	1,472,116	2,802,191	100.000
	1,327,312	1,327,312	-	
4.010%	1,327,312	1,474,878	2,802,191	100.000
	1,324,354	1,324,354	-	
4.130%	1,324,354	1,477,838	2,802,191	100.000
	1,321,184	1,321,184	-	
4.240%	1,321,184	1,481,007	2,802,192	100.000
	1,317,796	1,317,796	-	
4.340%	1,317,796	1,484,395	2,802,191	100.000
	1,314,181	1,314,181	-	

4.430%	1,314,181	1,488,011	2,802,192	100.000
	1,310,331	1,310,331	-	
4.510%	1,310,331	1,491,862	2,802,192	100.000
	1,306,237	1,306,237	-	
4.580%	1,306,237	1,495,954	2,802,191	100.000
	1,301,892	1,301,892	-	
4.650%	1,301,892	1,500,299	2,802,192	100.000
	1,297,280	1,297,280	-	
4.750%	1,297,280	1,504,912	2,802,191	100.000
	1,292,348	1,292,348	-	
4.850%	1,292,348	1,509,843	2,802,191	100.000
	1,287,074	1,287,074	-	
4.950%	1,287,074	1,515,117	2,802,191	100.000
	1,281,430	1,281,430	-	
5.050%	1,281,430	1,520,762	2,802,192	100.000
	1,275,387	1,275,387	-	
5.150%	1,275,387	1,526,805	2,802,192	100.000
	1,268,913	1,268,913	-	
5.250%	1,268,913	1,533,279	2,802,192	100.000
	1,261,973	1,261,973	-	
5.350%	1,261,973	1,540,218	2,802,191	100.000
	1,254,530	1,254,530	-	
5.450%	1,254,530	1,547,662	2,802,192	100.000
	1,246,542	1,246,542	-	
5.550%	1,246,542	1,555,648	2,802,191	100.000
	1,237,965	1,237,965	-	
5.650%	1,237,965	45,059,720	46,297,684	100.000

JEA HEAT Model
Series 2032

14

Total Proceeds	Beginning DS	Ending DS	Period
47,892,540			
-	-	-	
-	179,721,947	182,392,014	
-	-	-	
-	188,258,002	190,928,069	
-	-	-	
-	171,569,768	174,239,835	
-	-	-	
-	167,401,633	170,071,700	
-	-	-	
-	168,847,088	171,517,155	
-	-	-	
-	151,464,955	154,135,023	
-	-	-	
-	105,020,274	107,690,342	
-	-	-	
-	82,894,180	85,564,248	
-	-	-	
-	45,428,408	48,098,475	
-	-	-	
132,124	43,495,493	46,297,684	
-	-	-	
136,894	43,495,492	46,297,684	
-	-	-	
142,041	43,495,493	46,297,685	
-	-	-	
147,566	43,495,493	46,297,684	
-	-	-	
153,484	43,495,493	46,297,685	
-	-	-	
159,823	43,495,493	46,297,684	
-	-	-	
166,599	43,495,493	46,297,684	
-	-	-	

173,830			43,495,493	46,297,685		
-			-	-		
181,531			43,495,493	46,297,685		
-			-	-		
189,717			43,495,493	46,297,684		
-			-	-		
198,407			43,495,493	46,297,685		
-			-	-		
207,632			43,495,493	46,297,684		
-			-	-		
217,495			43,495,493	46,297,685		
-			-	-		
228,043			43,495,493	46,297,684		
-			-	-		
239,332			43,495,493	46,297,685		
-			-	-		
251,418			43,495,492	46,297,684		
-			-	-		
264,366			43,495,493	46,297,685		
-			-	-		
278,245			43,495,493	46,297,685		
-			-	-		
293,132			43,495,492	46,297,685		
-			-	-		
309,106			43,495,493	46,297,684		
-			-	-		
43,821,755			-	46,297,684		

U/D	0
Target	48,911,971
Result	46,111,049

Date	Principal	Coupon	Interest	Semi-Annual Debt Service
	46,296,234		78,472,117	124,768,351
10/1/2032				
4/1/2033			1,307,869	1,307,869
10/1/2033	-	0.570%	1,307,869	1,307,869
4/1/2034	-		1,307,869	1,307,869
10/1/2034	-	0.870%	1,307,869	1,307,869
4/1/2035	-		1,307,869	1,307,869
10/1/2035	-	1.240%	1,307,869	1,307,869
4/1/2036	-		1,307,869	1,307,869
10/1/2036	-	1.590%	1,307,869	1,307,869
4/1/2037	-		1,307,869	1,307,869
10/1/2037	-	2.000%	1,307,869	1,307,869
4/1/2038	-		1,307,869	1,307,869
10/1/2038	-	2.510%	1,307,869	1,307,869
4/1/2039	-		1,307,869	1,307,869
10/1/2039	-	2.880%	1,307,869	1,307,869
4/1/2040	-		1,307,869	1,307,869
10/1/2040	-	3.130%	1,307,869	1,307,869
4/1/2041	-		1,307,869	1,307,869
10/1/2041	-	3.380%	1,307,869	1,307,869
4/1/2042	-		1,307,869	1,307,869
10/1/2042	-	3.610%	1,307,869	1,307,869
4/1/2043	-		1,307,869	1,307,869
10/1/2043	-	3.760%	1,307,869	1,307,869
4/1/2044	-		1,307,869	1,307,869
10/1/2044	-	3.890%	1,307,869	1,307,869
4/1/2045	-		1,307,869	1,307,869
10/1/2045	-	4.010%	1,307,869	1,307,869
4/1/2046	-		1,307,869	1,307,869
10/1/2046	-	4.130%	1,307,869	1,307,869
4/1/2047	-		1,307,869	1,307,869
10/1/2047	-	4.240%	1,307,869	1,307,869
4/1/2048	-		1,307,869	1,307,869
10/1/2048	-	4.340%	1,307,869	1,307,869
4/1/2049	-		1,307,869	1,307,869

10/1/2049	-	4.430%	1,307,869	1,307,869
4/1/2050	-		1,307,869	1,307,869
10/1/2050	-	4.510%	1,307,869	1,307,869
4/1/2051	-		1,307,869	1,307,869
10/1/2051	-	4.580%	1,307,869	1,307,869
4/1/2052	-		1,307,869	1,307,869
10/1/2052	-	4.650%	1,307,869	1,307,869
4/1/2053	-		1,307,869	1,307,869
10/1/2053	-	4.750%	1,307,869	1,307,869
4/1/2054	-		1,307,869	1,307,869
10/1/2054	-	4.850%	1,307,869	1,307,869
4/1/2055	-		1,307,869	1,307,869
10/1/2055	-	4.950%	1,307,869	1,307,869
4/1/2056	-		1,307,869	1,307,869
10/1/2056	-	5.050%	1,307,869	1,307,869
4/1/2057	-		1,307,869	1,307,869
10/1/2057	-	5.150%	1,307,869	1,307,869
4/1/2058	-		1,307,869	1,307,869
10/1/2058	-	5.250%	1,307,869	1,307,869
4/1/2059	-		1,307,869	1,307,869
10/1/2059	-	5.350%	1,307,869	1,307,869
4/1/2060	-		1,307,869	1,307,869
10/1/2060	-	5.450%	1,307,869	1,307,869
4/1/2061	-		1,307,869	1,307,869
10/1/2061	-	5.550%	1,307,869	1,307,869
4/1/2062	-		1,307,869	1,307,869
10/1/2062	46,296,234	5.650%	1,307,869	47,604,103

Annual Debt Service	Price	Total Proceeds
124,768,351		46,296,234
-		-
2,615,737	100.000	-
-		-
2,615,737	100.000	-
-		-
2,615,737	100.000	-
-		-
2,615,737	100.000	-
-		-
2,615,737	100.000	-
-		-
2,615,737	100.000	-
-		-
2,615,737	100.000	-
-		-
2,615,737	100.000	-
-		-
2,615,737	100.000	-
-		-
2,615,737	100.000	-
-		-
2,615,737	100.000	-
-		-
2,615,737	100.000	-
-		-
2,615,737	100.000	-
-		-
2,615,737	100.000	-
-		-
2,615,737	100.000	-
-		-

Beginning DS	Ending DS
-	-
190,928,069	193,543,806
-	-
174,239,835	176,855,572
-	-
170,071,700	172,687,437
-	-
171,517,155	174,132,892
-	-
154,135,023	156,750,760
-	-
107,690,342	110,306,079
-	-
85,564,248	88,179,985
-	-
48,098,475	50,714,213
-	-
46,297,684	48,913,421
-	-
46,297,684	48,913,421
-	-
46,297,685	48,913,422
-	-
46,297,684	48,913,421
-	-
46,297,685	48,913,422
-	-
46,297,684	48,913,421
-	-
46,297,684	48,913,421
-	-
46,297,685	48,913,422
-	-

2,615,737	100.000	-		46,297,685	48,913,422
-		-		-	-
2,615,737	100.000	-		46,297,684	48,913,421
-		-		-	-
2,615,737	100.000	-		46,297,685	48,913,422
-		-		-	-
2,615,737	100.000	-		46,297,684	48,913,421
-		-		-	-
2,615,737	100.000	-		46,297,685	48,913,422
-		-		-	-
2,615,737	100.000	-		46,297,684	48,913,422
-		-		-	-
2,615,737	100.000	-		46,297,685	48,913,422
-		-		-	-
2,615,737	100.000	-		46,297,684	48,913,421
-		-		-	-
2,615,737	100.000	-		46,297,685	48,913,422
-		-		-	-
2,615,737	100.000	-		46,297,685	48,913,422
-		-		-	-
2,615,737	100.000	-		46,297,685	48,913,422
-		-		-	-
2,615,737	100.000	-		46,297,684	48,913,421
-		-		-	-
2,615,737	100.000	-		46,297,684	48,913,421
-		-		-	-
48,911,971	100.000	46,296,234		-	48,911,971

JEA HEAT Model
Series 2033

U/D	0
Target	52,750,656
Result	63,139,800

Period	Date	Principal	Coupon	Interest
		63,393,373		97,936,810
	10/1/2033			
	4/1/2034			1,725,637
	10/1/2034	-	0.570%	1,725,637
	4/1/2035	-		1,725,637
	10/1/2035	-	0.870%	1,725,637
	4/1/2036	-		1,725,637
	10/1/2036	-	1.240%	1,725,637
	4/1/2037	-		1,725,637
	10/1/2037	-	1.590%	1,725,637
	4/1/2038	-		1,725,637
	10/1/2038	-	2.000%	1,725,637
	4/1/2039	-		1,725,637
	10/1/2039	-	2.510%	1,725,637
	4/1/2040	-		1,725,637
	10/1/2040	-	2.880%	1,725,637
	4/1/2041	-		1,725,637
	10/1/2041	385,962	3.130%	1,725,637
	4/1/2042	-		1,719,597
	10/1/2042	398,042	3.380%	1,719,597
	4/1/2043	-		1,712,870
	10/1/2043	411,495	3.610%	1,712,870
	4/1/2044	-		1,705,442
	10/1/2044	426,351	3.760%	1,705,442
	4/1/2045	-		1,697,427
	10/1/2045	442,381	3.890%	1,697,427
	4/1/2046	-		1,688,822
	10/1/2046	459,590	4.010%	1,688,822
	4/1/2047	-		1,679,608
	10/1/2047	478,020	4.130%	1,679,608
	4/1/2048	-		1,669,737
	10/1/2048	497,761	4.240%	1,669,737
	4/1/2049	-		1,659,184
	10/1/2049	518,866	4.340%	1,659,184
	4/1/2050	-		1,647,925

	10/1/2050	541,386	4.430%	1,647,925
	4/1/2051	-		1,635,933
	10/1/2051	565,368	4.510%	1,635,933
	4/1/2052	-		1,623,184
	10/1/2052	590,867	4.580%	1,623,184
	4/1/2053	-		1,609,653
	10/1/2053	617,928	4.650%	1,609,653
	4/1/2054	-		1,595,286
	10/1/2054	646,662	4.750%	1,595,286
	4/1/2055	-		1,579,928
	10/1/2055	677,378	4.850%	1,579,928
	4/1/2056	-		1,563,502
	10/1/2056	710,232	4.950%	1,563,502
	4/1/2057	-		1,545,923
	10/1/2057	745,388	5.050%	1,545,923
	4/1/2058	-		1,527,102
	10/1/2058	783,030	5.150%	1,527,102
	4/1/2059	-		1,506,939
	10/1/2059	823,356	5.250%	1,506,939
	4/1/2060	-		1,485,326
	10/1/2060	866,583	5.350%	1,485,326
	4/1/2061	-		1,462,145
	10/1/2061	912,945	5.450%	1,462,145
	4/1/2062	-		1,437,267
	10/1/2062	964,150	5.550%	1,437,267
	4/1/2063	-		1,410,512
	10/1/2063	49,929,632	5.650%	1,410,512

Semi-Annual Debt Service	Annual Debt Service	Price	Total Proceeds	Beginning DS
161,330,183	161,330,183		63,393,373	
1,725,637	-		-	-
1,725,637	3,451,274	100.000	-	176,855,572
1,725,637	-		-	-
1,725,637	3,451,274	100.000	-	172,687,437
1,725,637	-		-	-
1,725,637	3,451,274	100.000	-	174,132,892
1,725,637	-		-	-
1,725,637	3,451,274	100.000	-	156,750,760
1,725,637	-		-	-
1,725,637	3,451,274	100.000	-	110,306,079
1,725,637	-		-	-
1,725,637	3,451,274	100.000	-	88,179,985
1,725,637	-		-	-
1,725,637	3,451,274	100.000	-	50,714,213
1,725,637	-		-	-
2,111,599	3,837,236	100.000	385,962	48,913,421
1,719,597	-		-	-
2,117,639	3,837,235	100.000	398,042	48,913,421
1,712,870	-		-	-
2,124,365	3,837,234	100.000	411,495	48,913,422
1,705,442	-		-	-
2,131,793	3,837,235	100.000	426,351	48,913,421
1,697,427	-		-	-
2,139,808	3,837,234	100.000	442,381	48,913,422
1,688,822	-		-	-
2,148,412	3,837,235	100.000	459,590	48,913,421
1,679,608	-		-	-
2,157,628	3,837,235	100.000	478,020	48,913,421
1,669,737	-		-	-
2,167,498	3,837,234	100.000	497,761	48,913,422
1,659,184	-		-	-
2,178,050	3,837,234	100.000	518,866	48,913,422
1,647,925	-		-	-

2,189,311	3,837,235	100.000	541,386		48,913,421
1,635,933	-		-		-
2,201,301	3,837,234	100.000	565,368		48,913,422
1,623,184	-		-		-
2,214,051	3,837,235	100.000	590,867		48,913,421
1,609,653	-		-		-
2,227,581	3,837,234	100.000	617,928		48,913,422
1,595,286	-		-		-
2,241,948	3,837,234	100.000	646,662		48,913,422
1,579,928	-		-		-
2,257,306	3,837,234	100.000	677,378		48,913,422
1,563,502	-		-		-
2,273,734	3,837,235	100.000	710,232		48,913,421
1,545,923	-		-		-
2,291,311	3,837,235	100.000	745,388		48,913,422
1,527,102	-		-		-
2,310,132	3,837,234	100.000	783,030		48,913,422
1,506,939	-		-		-
2,330,295	3,837,234	100.000	823,356		48,913,422
1,485,326	-		-		-
2,351,909	3,837,235	100.000	866,583		48,913,421
1,462,145	-		-		-
2,375,090	3,837,235	100.000	912,945		48,913,421
1,437,267	-		-		-
2,401,417	3,838,685	100.000	964,150		48,911,971
1,410,512	-		-		-
51,340,144	52,750,656	100.000	49,929,632		-

JEA HEAT Model
Series 2034

U/D	0
Target	55,950,220
Result	55,559,724

Ending DS	Period	Date	Principal	Coupon
			55,782,855	
		10/1/2034		
-		4/1/2035		
180,306,846		10/1/2035	-	0.570%
-		4/1/2036	-	
176,138,711		10/1/2036	-	0.870%
-		4/1/2037	-	
177,584,166		10/1/2037	-	1.240%
-		4/1/2038	-	
160,202,033		10/1/2038	-	1.590%
-		4/1/2039	-	
113,757,352		10/1/2039	-	2.000%
-		4/1/2040	-	
91,631,258		10/1/2040	-	2.510%
-		4/1/2041	-	
54,165,486		10/1/2041	76,584	2.880%
-		4/1/2042	-	
52,750,657		10/1/2042	78,790	3.130%
-		4/1/2043	-	
52,750,656		10/1/2043	81,256	3.380%
-		4/1/2044	-	
52,750,656		10/1/2044	84,002	3.610%
-		4/1/2045	-	
52,750,657		10/1/2045	87,035	3.760%
-		4/1/2046	-	
52,750,656		10/1/2046	90,307	3.890%
-		4/1/2047	-	
52,750,656		10/1/2047	93,820	4.010%
-		4/1/2048	-	
52,750,657		10/1/2048	97,583	4.130%
-		4/1/2049	-	
52,750,656		10/1/2049	101,613	4.240%
-		4/1/2050	-	
52,750,656		10/1/2050	105,921	4.340%
-		4/1/2051	-	

52,750,656			10/1/2051	110,518	4.430%
-			4/1/2052	-	
52,750,656			10/1/2052	115,414	4.510%
-			4/1/2053	-	
52,750,656			10/1/2053	120,619	4.580%
-			4/1/2054	-	
52,750,656			10/1/2054	126,144	4.650%
-			4/1/2055	-	
52,750,656			10/1/2055	132,010	4.750%
-			4/1/2056	-	
52,750,656			10/1/2056	138,280	4.850%
-			4/1/2057	-	
52,750,656			10/1/2057	144,986	4.950%
-			4/1/2058	-	
52,750,656			10/1/2058	152,163	5.050%
-			4/1/2059	-	
52,750,656			10/1/2059	159,847	5.150%
-			4/1/2060	-	
52,750,656			10/1/2060	168,079	5.250%
-			4/1/2061	-	
52,750,656			10/1/2061	176,903	5.350%
-			4/1/2062	-	
52,750,656			10/1/2062	186,368	5.450%
-			4/1/2063	-	
52,750,656			10/1/2063	196,525	5.550%
-			4/1/2064	-	
52,750,656			10/1/2064	52,958,088	5.650%

Interest	Semi-Annual Debt Service	Annual Debt Service	Price	Total Proceeds
92,495,217	148,278,072	148,278,072		55,782,855
1,561,490	1,561,490	-		-
1,561,490	1,561,490	3,122,980	100.000	-
1,561,490	1,561,490	-		-
1,561,490	1,561,490	3,122,980	100.000	-
1,561,490	1,561,490	-		-
1,561,490	1,561,490	3,122,980	100.000	-
1,561,490	1,561,490	-		-
1,561,490	1,561,490	3,122,980	100.000	-
1,561,490	1,561,490	-		-
1,561,490	1,561,490	3,122,980	100.000	-
1,561,490	1,561,490	-		-
1,561,490	1,561,490	3,122,980	100.000	-
1,561,490	1,561,490	-		-
1,561,490	1,638,074	3,199,564	100.000	76,584
1,560,387	1,560,387	-		-
1,560,387	1,639,177	3,199,564	100.000	78,790
1,559,154	1,559,154	-		-
1,559,154	1,640,410	3,199,564	100.000	81,256
1,557,781	1,557,781	-		-
1,557,781	1,641,783	3,199,564	100.000	84,002
1,556,265	1,556,265	-		-
1,556,265	1,643,300	3,199,564	100.000	87,035
1,554,628	1,554,628	-		-
1,554,628	1,644,935	3,199,564	100.000	90,307
1,552,872	1,552,872	-		-
1,552,872	1,646,692	3,199,564	100.000	93,820
1,550,991	1,550,991	-		-
1,550,991	1,648,574	3,199,565	100.000	97,583
1,548,976	1,548,976	-		-
1,548,976	1,650,589	3,199,564	100.000	101,613
1,546,821	1,546,821	-		-
1,546,821	1,652,742	3,199,564	100.000	105,921
1,544,523	1,544,523	-		-

1,544,523	1,655,041	3,199,564	100.000	110,518
1,542,075	1,542,075	-		-
1,542,075	1,657,489	3,199,564	100.000	115,414
1,539,472	1,539,472	-		-
1,539,472	1,660,091	3,199,564	100.000	120,619
1,536,710	1,536,710	-		-
1,536,710	1,662,854	3,199,565	100.000	126,144
1,533,777	1,533,777	-		-
1,533,777	1,665,787	3,199,565	100.000	132,010
1,530,642	1,530,642	-		-
1,530,642	1,668,922	3,199,564	100.000	138,280
1,527,289	1,527,289	-		-
1,527,289	1,672,275	3,199,564	100.000	144,986
1,523,700	1,523,700	-		-
1,523,700	1,675,863	3,199,564	100.000	152,163
1,519,858	1,519,858	-		-
1,519,858	1,679,705	3,199,564	100.000	159,847
1,515,742	1,515,742	-		-
1,515,742	1,683,821	3,199,564	100.000	168,079
1,511,330	1,511,330	-		-
1,511,330	1,688,233	3,199,563	100.000	176,903
1,506,598	1,506,598	-		-
1,506,598	1,692,966	3,199,564	100.000	186,368
1,501,520	1,501,520	-		-
1,501,520	1,698,045	3,199,564	100.000	196,525
1,496,066	1,496,066	-		-
1,496,066	54,454,154	55,950,220	100.000	52,958,088

Beginning DS	Ending DS
-	-
176,138,711	179,261,691
-	-
177,584,166	180,707,145
-	-
160,202,033	163,325,013
-	-
113,757,352	116,880,332
-	-
91,631,258	94,754,238
-	-
54,165,486	57,288,466
-	-
52,750,657	55,950,221
-	-
52,750,656	55,950,220
-	-
52,750,656	55,950,220
-	-
52,750,657	55,950,220
-	-
52,750,656	55,950,221
-	-
52,750,656	55,950,220
-	-
52,750,657	55,950,220
-	-
52,750,656	55,950,221
-	-
52,750,656	55,950,220
-	-
52,750,656	55,950,220
-	-

JEA HEAT Model
Series 2035

U/D Target Result

Period	Date	Principal
		63,447,263
	10/1/2035	
	4/1/2036	
	10/1/2036	-
	4/1/2037	-
	10/1/2037	-
	4/1/2038	-
	10/1/2038	-
	4/1/2039	-
	10/1/2039	-
	4/1/2040	-
	10/1/2040	-
	4/1/2041	-
	10/1/2041	180,274
	4/1/2042	-
	10/1/2042	184,799
	4/1/2043	-
	10/1/2043	190,122
	4/1/2044	-
	10/1/2044	196,072
	4/1/2045	-
	10/1/2045	202,699
	4/1/2046	-
	10/1/2046	210,017
	4/1/2047	-
	10/1/2047	217,914
	4/1/2048	-
	10/1/2048	226,390
	4/1/2049	-
	10/1/2049	235,469
	4/1/2050	-
	10/1/2050	245,194
	4/1/2051	-
	10/1/2051	255,591
	4/1/2052	-

52,750,656	55,950,220		10/1/2052	266,683
-	-		4/1/2053	-
52,750,656	55,950,220		10/1/2053	278,497
-	-		4/1/2054	-
52,750,656	55,950,220		10/1/2054	291,057
-	-		4/1/2055	-
52,750,656	55,950,220		10/1/2055	304,387
-	-		4/1/2056	-
52,750,656	55,950,221		10/1/2056	318,541
-	-		4/1/2057	-
52,750,656	55,950,221		10/1/2057	333,672
-	-		4/1/2058	-
52,750,656	55,950,220		10/1/2058	349,855
-	-		4/1/2059	-
52,750,656	55,950,220		10/1/2059	367,173
-	-		4/1/2060	-
52,750,656	55,950,220		10/1/2060	385,715
-	-		4/1/2061	-
52,750,656	55,950,220		10/1/2061	405,580
-	-		4/1/2062	-
52,750,656	55,950,220		10/1/2062	426,873
-	-		4/1/2063	-
52,750,656	55,950,220		10/1/2063	449,710
-	-		4/1/2064	-
52,750,656	55,950,220		10/1/2064	474,220
-	-		4/1/2065	-
-	55,950,220		10/1/2065	56,450,759

0
59,640,227
63,193,474

Coupon	Interest	Semi-Annual Debt Service	Annual Debt Service	Price
	102,301,778	165,749,041	165,749,041	
	1,754,866	1,754,866	-	
0.570%	1,754,866	1,754,866	3,509,732	100.000
	1,754,866	1,754,866	-	
0.870%	1,754,866	1,754,866	3,509,732	100.000
	1,754,866	1,754,866	-	
1.240%	1,754,866	1,754,866	3,509,732	100.000
	1,754,866	1,754,866	-	
1.590%	1,754,866	1,754,866	3,509,732	100.000
	1,754,866	1,754,866	-	
2.000%	1,754,866	1,754,866	3,509,732	100.000
	1,754,866	1,754,866	-	
2.510%	1,754,866	1,935,140	3,690,006	100.000
	1,752,603	1,752,603	-	
2.880%	1,752,603	1,937,402	3,690,006	100.000
	1,749,942	1,749,942	-	
3.130%	1,749,942	1,940,064	3,690,007	100.000
	1,746,967	1,746,967	-	
3.380%	1,746,967	1,943,039	3,690,006	100.000
	1,743,653	1,743,653	-	
3.610%	1,743,653	1,946,352	3,690,006	100.000
	1,739,995	1,739,995	-	
3.760%	1,739,995	1,950,012	3,690,006	100.000
	1,736,046	1,736,046	-	
3.890%	1,736,046	1,953,960	3,690,007	100.000
	1,731,808	1,731,808	-	
4.010%	1,731,808	1,958,198	3,690,006	100.000
	1,727,269	1,727,269	-	
4.130%	1,727,269	1,962,738	3,690,007	100.000
	1,722,406	1,722,406	-	
4.240%	1,722,406	1,967,600	3,690,007	100.000
	1,717,208	1,717,208	-	
4.340%	1,717,208	1,972,799	3,690,007	100.000
	1,711,662	1,711,662	-	

4.430%	1,711,662	1,978,345	3,690,007	100.000
	1,705,755	1,705,755	-	
4.510%	1,705,755	1,984,252	3,690,007	100.000
	1,699,475	1,699,475	-	
4.580%	1,699,475	1,990,532	3,690,007	100.000
	1,692,810	1,692,810	-	
4.650%	1,692,810	1,997,197	3,690,006	100.000
	1,685,733	1,685,733	-	
4.750%	1,685,733	2,004,274	3,690,006	100.000
	1,678,167	1,678,167	-	
4.850%	1,678,167	2,011,839	3,690,006	100.000
	1,670,076	1,670,076	-	
4.950%	1,670,076	2,019,931	3,690,006	100.000
	1,661,417	1,661,417	-	
5.050%	1,661,417	2,028,590	3,690,007	100.000
	1,652,146	1,652,146	-	
5.150%	1,652,146	2,037,861	3,690,006	100.000
	1,642,213	1,642,213	-	
5.250%	1,642,213	2,047,793	3,690,007	100.000
	1,631,567	1,631,567	-	
5.350%	1,631,567	2,058,440	3,690,007	100.000
	1,620,148	1,620,148	-	
5.450%	1,620,148	2,069,858	3,690,006	100.000
	1,607,894	1,607,894	-	
5.550%	1,607,894	2,082,114	3,690,007	100.000
	1,594,734	1,594,734	-	
5.650%	1,594,734	58,045,493	59,640,227	100.000

Total Proceeds	Beginning DS	Ending DS	Period
63,447,263			
-	-	-	
-	180,707,145	184,216,877	
-	-	-	
-	163,325,013	166,834,745	
-	-	-	
-	116,880,332	120,390,064	
-	-	-	
-	94,754,238	98,263,970	
-	-	-	
-	57,288,466	60,798,198	
-	-	-	
180,274	55,950,221	59,640,226	
-	-	-	
184,799	55,950,220	59,640,226	
-	-	-	
190,122	55,950,220	59,640,227	
-	-	-	
196,072	55,950,220	59,640,226	
-	-	-	
202,699	55,950,221	59,640,226	
-	-	-	
210,017	55,950,220	59,640,226	
-	-	-	
217,914	55,950,220	59,640,227	
-	-	-	
226,390	55,950,221	59,640,226	
-	-	-	
235,469	55,950,220	59,640,227	
-	-	-	
245,194	55,950,220	59,640,227	
-	-	-	
255,591	55,950,220	59,640,227	
-	-	-	

266,683		55,950,220	59,640,227		
-		-	-		
278,497		55,950,220	59,640,227		
-		-	-		
291,057		55,950,220	59,640,227		
-		-	-		
304,387		55,950,221	59,640,227		
-		-	-		
318,541		55,950,221	59,640,227		
-		-	-		
333,672		55,950,220	59,640,227		
-		-	-		
349,855		55,950,220	59,640,227		
-		-	-		
367,173		55,950,220	59,640,227		
-		-	-		
385,715		55,950,220	59,640,226		
-		-	-		
405,580		55,950,220	59,640,227		
-		-	-		
426,873		55,950,220	59,640,227		
-		-	-		
449,710		55,950,220	59,640,227		
-		-	-		
474,220		55,950,220	59,640,227		
-		-	-		
56,450,759		-	59,640,227		

U/D	0
Target	63,441,162
Result	65,634,756

Date	Principal	Coupon	Interest	Semi-Annual Debt Service
	65,898,349		107,193,392	173,091,741
10/1/2036				
4/1/2037			1,828,400	1,828,400
10/1/2037	-	0.570%	1,828,400	1,828,400
4/1/2038	-		1,828,400	1,828,400
10/1/2038	-	0.870%	1,828,400	1,828,400
4/1/2039	-		1,828,400	1,828,400
10/1/2039	-	1.240%	1,828,400	1,828,400
4/1/2040	-		1,828,400	1,828,400
10/1/2040	-	1.590%	1,828,400	1,828,400
4/1/2041	-		1,828,400	1,828,400
10/1/2041	144,135	2.000%	1,828,400	1,972,535
4/1/2042	-		1,826,959	1,826,959
10/1/2042	147,018	2.510%	1,826,959	1,973,977
4/1/2043	-		1,825,114	1,825,114
10/1/2043	150,707	2.880%	1,825,114	1,975,821
4/1/2044	-		1,822,944	1,822,944
10/1/2044	155,049	3.130%	1,822,944	1,977,993
4/1/2045	-		1,820,517	1,820,517
10/1/2045	159,901	3.380%	1,820,517	1,980,418
4/1/2046	-		1,817,815	1,817,815
10/1/2046	165,306	3.610%	1,817,815	1,983,121
4/1/2047	-		1,814,831	1,814,831
10/1/2047	171,273	3.760%	1,814,831	1,986,104
4/1/2048	-		1,811,611	1,811,611
10/1/2048	177,714	3.890%	1,811,611	1,989,325
4/1/2049	-		1,808,154	1,808,154
10/1/2049	184,626	4.010%	1,808,154	1,992,780
4/1/2050	-		1,804,453	1,804,453
10/1/2050	192,029	4.130%	1,804,453	1,996,482
4/1/2051	-		1,800,487	1,800,487
10/1/2051	199,960	4.240%	1,800,487	2,000,447
4/1/2052	-		1,796,248	1,796,248
10/1/2052	208,439	4.340%	1,796,248	2,004,687
4/1/2053	-		1,791,725	1,791,725

10/1/2053	217,485	4.430%	1,791,725	2,009,210
4/1/2054	-		1,786,908	1,786,908
10/1/2054	227,119	4.510%	1,786,908	2,014,027
4/1/2055	-		1,781,786	1,781,786
10/1/2055	237,363	4.580%	1,781,786	2,019,149
4/1/2056	-		1,776,351	1,776,351
10/1/2056	248,234	4.650%	1,776,351	2,024,585
4/1/2057	-		1,770,579	1,770,579
10/1/2057	259,777	4.750%	1,770,579	2,030,356
4/1/2058	-		1,764,409	1,764,409
10/1/2058	272,116	4.850%	1,764,409	2,036,525
4/1/2059	-		1,757,811	1,757,811
10/1/2059	285,314	4.950%	1,757,811	2,043,125
4/1/2060	-		1,750,749	1,750,749
10/1/2060	299,437	5.050%	1,750,749	2,050,186
4/1/2061	-		1,743,188	1,743,188
10/1/2061	314,558	5.150%	1,743,188	2,057,746
4/1/2062	-		1,735,088	1,735,088
10/1/2062	330,758	5.250%	1,735,088	2,065,846
4/1/2063	-		1,726,406	1,726,406
10/1/2063	348,123	5.350%	1,726,406	2,074,529
4/1/2064	-		1,717,094	1,717,094
10/1/2064	366,747	5.450%	1,717,094	2,083,841
4/1/2065	-		1,707,100	1,707,100
10/1/2065	386,735	5.550%	1,707,100	2,093,835
4/1/2066	-		1,696,368	1,696,368
10/1/2066	60,048,426	5.650%	1,696,368	61,744,794

Annual Debt Service	Price	Total Proceeds	Beginning DS	Ending DS
173,091,741		65,898,349		
-		-	-	-
3,656,800	100.000	-	166,834,745	170,491,545
-		-	-	-
3,656,800	100.000	-	120,390,064	124,046,864
-		-	-	-
3,656,800	100.000	-	98,263,970	101,920,771
-		-	-	-
3,656,800	100.000	-	60,798,198	64,454,998
-		-	-	-
3,800,935	100.000	144,135	59,640,226	63,441,162
-		-	-	-
3,800,936	100.000	147,018	59,640,226	63,441,162
-		-	-	-
3,800,934	100.000	150,707	59,640,227	63,441,161
-		-	-	-
3,800,936	100.000	155,049	59,640,226	63,441,162
-		-	-	-
3,800,935	100.000	159,901	59,640,226	63,441,161
-		-	-	-
3,800,935	100.000	165,306	59,640,226	63,441,162
-		-	-	-
3,800,935	100.000	171,273	59,640,227	63,441,162
-		-	-	-
3,800,936	100.000	177,714	59,640,226	63,441,162
-		-	-	-
3,800,935	100.000	184,626	59,640,227	63,441,162
-		-	-	-
3,800,934	100.000	192,029	59,640,227	63,441,162
-		-	-	-
3,800,935	100.000	199,960	59,640,227	63,441,162
-		-	-	-
3,800,935	100.000	208,439	59,640,227	63,441,162
-		-	-	-

3,800,935	100.000	217,485		59,640,227	63,441,162
-		-		-	-
3,800,935	100.000	227,119		59,640,227	63,441,161
-		-		-	-
3,800,935	100.000	237,363		59,640,227	63,441,162
-		-		-	-
3,800,935	100.000	248,234		59,640,227	63,441,162
-		-		-	-
3,800,935	100.000	259,777		59,640,227	63,441,162
-		-		-	-
3,800,935	100.000	272,116		59,640,227	63,441,162
-		-		-	-
3,800,935	100.000	285,314		59,640,227	63,441,162
-		-		-	-
3,800,935	100.000	299,437		59,640,226	63,441,161
-		-		-	-
3,800,935	100.000	314,558		59,640,227	63,441,162
-		-		-	-
3,800,935	100.000	330,758		59,640,227	63,441,162
-		-		-	-
3,800,935	100.000	348,123		59,640,227	63,441,162
-		-		-	-
3,800,935	100.000	366,747		59,640,227	63,441,162
-		-		-	-
3,800,935	100.000	386,735		59,640,227	63,441,162
-		-		-	-
63,441,162	100.000	60,048,426		-	63,441,162

JEA HEAT Model
Series 2037

U/D	0
Target	67,177,791
Result	54,909,486

Period	Date	Principal	Coupon	Interest
		55,130,006		49,627,877
	10/1/2037			
	4/1/2038			1,220,684
	10/1/2038	-	0.570%	1,220,684
	4/1/2039	-		1,220,684
	10/1/2039	-	0.870%	1,220,684
	4/1/2040	-		1,220,684
	10/1/2040	281,425	1.240%	1,220,684
	4/1/2041	-		1,218,939
	10/1/2041	1,298,751	1.590%	1,218,939
	4/1/2042	-		1,208,614
	10/1/2042	1,319,401	2.000%	1,208,614
	4/1/2043	-		1,195,420
	10/1/2043	1,345,789	2.510%	1,195,420
	4/1/2044	-		1,178,530
	10/1/2044	1,379,568	2.880%	1,178,530
	4/1/2045	-		1,158,665
	10/1/2045	1,419,300	3.130%	1,158,665
	4/1/2046	-		1,136,453
	10/1/2046	1,463,724	3.380%	1,136,453
	4/1/2047	-		1,111,716
	10/1/2047	1,513,198	3.610%	1,111,716
	4/1/2048	-		1,084,402
	10/1/2048	1,567,824	3.760%	1,084,402
	4/1/2049	-		1,054,927
	10/1/2049	1,626,774	3.890%	1,054,927
	4/1/2050	-		1,023,287
	10/1/2050	1,690,056	4.010%	1,023,287
	4/1/2051	-		989,401
	10/1/2051	1,757,827	4.130%	989,401
	4/1/2052	-		953,102
	10/1/2052	1,830,425	4.240%	953,102
	4/1/2053	-		914,297
	10/1/2053	1,908,036	4.340%	914,297
	4/1/2054	-		872,892

	10/1/2054	1,990,845	4.430%	872,892
	4/1/2055	-		828,795
	10/1/2055	2,079,038	4.510%	828,795
	4/1/2056	-		781,913
	10/1/2056	2,172,803	4.580%	781,913
	4/1/2057	-		732,156
	10/1/2057	2,272,318	4.650%	732,156
	4/1/2058	-		679,324
	10/1/2058	2,377,981	4.750%	679,324
	4/1/2059	-		622,847
	10/1/2059	2,490,934	4.850%	622,847
	4/1/2060	-		562,442
	10/1/2060	2,611,745	4.950%	562,442
	4/1/2061	-		497,801
	10/1/2061	2,741,026	5.050%	497,801
	4/1/2062	-		428,591
	10/1/2062	2,879,448	5.150%	428,591
	4/1/2063	-		354,445
	10/1/2063	3,027,740	5.250%	354,445
	4/1/2064	-		274,967
	10/1/2064	3,186,696	5.350%	274,967
	4/1/2065	-		189,722
	10/1/2065	3,357,184	5.450%	189,722
	4/1/2066	-		98,239
	10/1/2066	3,540,150	5.550%	98,239
	4/1/2067	-		-
	10/1/2067	-	5.650%	-

Semi-Annual Debt Service	Annual Debt Service	Price	Total Proceeds	Beginning DS
104,757,883	104,757,883		55,130,006	
1,220,684	-		-	-
1,220,684	2,441,368	100.000	-	124,046,864
1,220,684	-		-	-
1,220,684	2,441,368	100.000	-	101,920,771
1,220,684	-		-	-
1,502,109	2,722,793	100.000	281,425	64,454,998
1,218,939	-		-	-
2,517,690	3,736,629	100.000	1,298,751	63,441,162
1,208,614	-		-	-
2,528,015	3,736,629	100.000	1,319,401	63,441,162
1,195,420	-		-	-
2,541,209	3,736,629	100.000	1,345,789	63,441,161
1,178,530	-		-	-
2,558,098	3,736,629	100.000	1,379,568	63,441,162
1,158,665	-		-	-
2,577,965	3,736,629	100.000	1,419,300	63,441,161
1,136,453	-		-	-
2,600,177	3,736,629	100.000	1,463,724	63,441,162
1,111,716	-		-	-
2,624,914	3,736,629	100.000	1,513,198	63,441,162
1,084,402	-		-	-
2,652,226	3,736,629	100.000	1,567,824	63,441,162
1,054,927	-		-	-
2,681,701	3,736,629	100.000	1,626,774	63,441,162
1,023,287	-		-	-
2,713,343	3,736,629	100.000	1,690,056	63,441,162
989,401	-		-	-
2,747,228	3,736,629	100.000	1,757,827	63,441,162
953,102	-		-	-
2,783,527	3,736,629	100.000	1,830,425	63,441,162
914,297	-		-	-
2,822,333	3,736,630	100.000	1,908,036	63,441,162
872,892	-		-	-

2,863,737	3,736,630	100.000	1,990,845		63,441,161
828,795	-		-		-
2,907,833	3,736,628	100.000	2,079,038		63,441,162
781,913	-		-		-
2,954,716	3,736,629	100.000	2,172,803		63,441,162
732,156	-		-		-
3,004,474	3,736,629	100.000	2,272,318		63,441,162
679,324	-		-		-
3,057,305	3,736,630	100.000	2,377,981		63,441,162
622,847	-		-		-
3,113,781	3,736,629	100.000	2,490,934		63,441,162
562,442	-		-		-
3,174,187	3,736,629	100.000	2,611,745		63,441,161
497,801	-		-		-
3,238,827	3,736,629	100.000	2,741,026		63,441,162
428,591	-		-		-
3,308,039	3,736,629	100.000	2,879,448		63,441,162
354,445	-		-		-
3,382,185	3,736,629	100.000	3,027,740		63,441,162
274,967	-		-		-
3,461,663	3,736,629	100.000	3,186,696		63,441,162
189,722	-		-		-
3,546,906	3,736,629	100.000	3,357,184		63,441,162
98,239	-		-		-
3,638,389	3,736,628	100.000	3,540,150		63,441,162
-	-		-		-
-	-	100.000	-		-

JEA HEAT Model
Series 2038

U/D	0
Target	67,695,025
Result	7,838,196

Ending DS	Period	Date	Principal	Coupon
			7,869,675	
		10/1/2038		
-		4/1/2039		
126,488,232		10/1/2039	-	0.570%
-		4/1/2040	-	
104,362,138		10/1/2040	185,813	0.870%
-		4/1/2041	-	
67,177,791		10/1/2041	187,430	1.240%
-		4/1/2042	-	
67,177,791		10/1/2042	189,754	1.590%
-		4/1/2043	-	
67,177,791		10/1/2043	192,772	2.000%
-		4/1/2044	-	
67,177,790		10/1/2044	196,627	2.510%
-		4/1/2045	-	
67,177,791		10/1/2045	201,562	2.880%
-		4/1/2046	-	
67,177,791		10/1/2046	207,367	3.130%
-		4/1/2047	-	
67,177,791		10/1/2047	213,857	3.380%
-		4/1/2048	-	
67,177,791		10/1/2048	221,086	3.610%
-		4/1/2049	-	
67,177,791		10/1/2049	229,068	3.760%
-		4/1/2050	-	
67,177,790		10/1/2050	237,680	3.890%
-		4/1/2051	-	
67,177,791		10/1/2051	246,926	4.010%
-		4/1/2052	-	
67,177,791		10/1/2052	256,828	4.130%
-		4/1/2053	-	
67,177,791		10/1/2053	267,434	4.240%
-		4/1/2054	-	
67,177,791		10/1/2054	278,774	4.340%
-		4/1/2055	-	

67,177,791		10/1/2055	290,873	4.430%
-		4/1/2056	-	
67,177,791		10/1/2056	303,759	4.510%
-		4/1/2057	-	
67,177,791		10/1/2057	317,458	4.580%
-		4/1/2058	-	
67,177,791		10/1/2058	331,997	4.650%
-		4/1/2059	-	
67,177,791		10/1/2059	347,436	4.750%
-		4/1/2060	-	
67,177,790		10/1/2060	363,939	4.850%
-		4/1/2061	-	
67,177,791		10/1/2061	381,590	4.950%
-		4/1/2062	-	
67,177,790		10/1/2062	400,478	5.050%
-		4/1/2063	-	
67,177,791		10/1/2063	420,702	5.150%
-		4/1/2064	-	
67,177,791		10/1/2064	442,369	5.250%
-		4/1/2065	-	
67,177,791		10/1/2065	465,593	5.350%
-		4/1/2066	-	
67,177,791		10/1/2066	490,503	5.450%
-		4/1/2067	-	
67,177,790		10/1/2067	-	5.550%
-		4/1/2068	-	
-		10/1/2068	-	5.650%

Interest	Semi-Annual Debt Service	Annual Debt Service	Price	Total Proceeds
6,427,082	14,296,757	14,296,757		7,869,675
165,711	165,711	-		-
165,711	165,711	331,421	100.000	-
165,711	165,711	-		-
165,711	351,524	517,234	100.000	185,813
164,902	164,902	-		-
164,902	352,332	517,234	100.000	187,430
163,740	163,740	-		-
163,740	353,494	517,234	100.000	189,754
162,232	162,232	-		-
162,232	355,004	517,235	100.000	192,772
160,304	160,304	-		-
160,304	356,931	517,235	100.000	196,627
157,836	157,836	-		-
157,836	359,398	517,234	100.000	201,562
154,934	154,934	-		-
154,934	362,301	517,234	100.000	207,367
151,688	151,688	-		-
151,688	365,545	517,234	100.000	213,857
148,074	148,074	-		-
148,074	369,160	517,235	100.000	221,086
144,084	144,084	-		-
144,084	373,152	517,235	100.000	229,068
139,777	139,777	-		-
139,777	377,457	517,234	100.000	237,680
135,154	135,154	-		-
135,154	382,080	517,235	100.000	246,926
130,203	130,203	-		-
130,203	387,031	517,235	100.000	256,828
124,900	124,900	-		-
124,900	392,334	517,234	100.000	267,434
119,230	119,230	-		-
119,230	398,004	517,235	100.000	278,774
113,181	113,181	-		-

113,181	404,054	517,235	100.000	290,873
106,738	106,738	-		-
106,738	410,497	517,235	100.000	303,759
99,888	99,888	-		-
99,888	417,346	517,235	100.000	317,458
92,619	92,619	-		-
92,619	424,616	517,234	100.000	331,997
84,900	84,900	-		-
84,900	432,336	517,235	100.000	347,436
76,648	76,648	-		-
76,648	440,587	517,235	100.000	363,939
67,823	67,823	-		-
67,823	449,413	517,235	100.000	381,590
58,378	58,378	-		-
58,378	458,856	517,234	100.000	400,478
48,266	48,266	-		-
48,266	468,968	517,234	100.000	420,702
37,433	37,433	-		-
37,433	479,802	517,235	100.000	442,369
25,821	25,821	-		-
25,821	491,414	517,235	100.000	465,593
13,366	13,366	-		-
13,366	503,869	517,235	100.000	490,503
-	-	-		-
-	-	-	100.000	-
-	-	-		-
-	-	-	100.000	-

JEA HEAT Model Series 2039	
	U/D Target Result

21

Beginning DS	Ending DS	Period	Date	Principal
				-
			10/1/2039	
-	-		4/1/2040	
104,362,138	104,693,559		10/1/2040	-
-	-		4/1/2041	-
67,177,791	67,695,025		10/1/2041	-
-	-		4/1/2042	-
67,177,791	67,695,025		10/1/2042	-
-	-		4/1/2043	-
67,177,791	67,695,025		10/1/2043	-
-	-		4/1/2044	-
67,177,790	67,695,026		10/1/2044	-
-	-		4/1/2045	-
67,177,791	67,695,026		10/1/2045	-
-	-		4/1/2046	-
67,177,791	67,695,025		10/1/2046	-
-	-		4/1/2047	-
67,177,791	67,695,025		10/1/2047	-
-	-		4/1/2048	-
67,177,791	67,695,025		10/1/2048	-
-	-		4/1/2049	-
67,177,791	67,695,026		10/1/2049	-
-	-		4/1/2050	-
67,177,790	67,695,026		10/1/2050	-
-	-		4/1/2051	-
67,177,791	67,695,025		10/1/2051	-
-	-		4/1/2052	-
67,177,791	67,695,025		10/1/2052	-
-	-		4/1/2053	-
67,177,791	67,695,026		10/1/2053	-
-	-		4/1/2054	-
67,177,791	67,695,025		10/1/2054	-
-	-		4/1/2055	-
67,177,791	67,695,026		10/1/2055	-
-	-		4/1/2056	-

67,177,791	67,695,025		10/1/2056	-
-	-		4/1/2057	-
67,177,791	67,695,026		10/1/2057	-
-	-		4/1/2058	-
67,177,791	67,695,026		10/1/2058	-
-	-		4/1/2059	-
67,177,791	67,695,025		10/1/2059	-
-	-		4/1/2060	-
67,177,790	67,695,026		10/1/2060	-
-	-		4/1/2061	-
67,177,791	67,695,026		10/1/2061	-
-	-		4/1/2062	-
67,177,790	67,695,025		10/1/2062	-
-	-		4/1/2063	-
67,177,791	67,695,025		10/1/2063	-
-	-		4/1/2064	-
67,177,791	67,695,025		10/1/2064	-
-	-		4/1/2065	-
67,177,791	67,695,026		10/1/2065	-
-	-		4/1/2066	-
67,177,791	67,695,025		10/1/2066	-
-	-		4/1/2067	-
67,177,790	67,695,026		10/1/2067	-
-	-		4/1/2068	-
-	-		10/1/2068	-
-	-		4/1/2069	-
-	-		10/1/2069	-

0
67,695,025
0

Coupon	Interest	Semi-Annual Debt Service	Annual Debt Service	Price
	-	-	-	
	-	-	-	
0.570%	-	-	-	100.000
	-	-	-	
0.870%	-	-	-	100.000
	-	-	-	
1.240%	-	-	-	100.000
	-	-	-	
1.590%	-	-	-	100.000
	-	-	-	
2.000%	-	-	-	100.000
	-	-	-	
2.510%	-	-	-	100.000
	-	-	-	
2.880%	-	-	-	100.000
	-	-	-	
3.130%	-	-	-	100.000
	-	-	-	
3.380%	-	-	-	100.000
	-	-	-	
3.610%	-	-	-	100.000
	-	-	-	
3.760%	-	-	-	100.000
	-	-	-	
3.890%	-	-	-	100.000
	-	-	-	
4.010%	-	-	-	100.000
	-	-	-	
4.130%	-	-	-	100.000
	-	-	-	
4.240%	-	-	-	100.000
	-	-	-	
4.340%	-	-	-	100.000
	-	-	-	

4.430%	-	-	-	100.000
	-	-	-	
4.510%	-	-	-	100.000
	-	-	-	
4.580%	-	-	-	100.000
	-	-	-	
4.650%	-	-	-	100.000
	-	-	-	
4.750%	-	-	-	100.000
	-	-	-	
4.850%	-	-	-	100.000
	-	-	-	
4.950%	-	-	-	100.000
	-	-	-	
5.050%	-	-	-	100.000
	-	-	-	
5.150%	-	-	-	100.000
	-	-	-	
5.250%	-	-	-	100.000
	-	-	-	
5.350%	-	-	-	100.000
	-	-	-	
5.450%	-	-	-	100.000
	-	-	-	
5.550%	-	-	-	100.000
	-	-	-	
5.650%	-	-	-	100.000

Total Proceeds	Beginning DS	Ending DS	Period
-			
-	-	-	
-	67,695,025	67,695,025	
-	-	-	
-	67,695,025	67,695,025	
-	-	-	
-	67,695,025	67,695,025	
-	-	-	
-	67,695,026	67,695,026	
-	-	-	
-	67,695,026	67,695,026	
-	-	-	
-	67,695,025	67,695,025	
-	-	-	
-	67,695,025	67,695,025	
-	-	-	
-	67,695,025	67,695,025	
-	-	-	
-	67,695,026	67,695,026	
-	-	-	
-	67,695,026	67,695,026	
-	-	-	
-	67,695,025	67,695,025	
-	-	-	
-	67,695,025	67,695,025	
-	-	-	
-	67,695,026	67,695,026	
-	-	-	
-	67,695,025	67,695,025	
-	-	-	
-	67,695,026	67,695,026	
-	-	-	
-	67,695,025	67,695,025	
-	-	-	

-			67,695,026	67,695,026	
-			-	-	
-			67,695,026	67,695,026	
-			-	-	
-			67,695,025	67,695,025	
-			-	-	
-			67,695,026	67,695,026	
-			-	-	
-			67,695,026	67,695,026	
-			-	-	
-			67,695,025	67,695,025	
-			-	-	
-			67,695,025	67,695,025	
-			-	-	
-			67,695,025	67,695,025	
-			-	-	
-			67,695,026	67,695,026	
-			-	-	
-			67,695,025	67,695,025	
-			-	-	
-			67,695,026	67,695,026	
-			-	-	
-			-	-	
-			-	-	
-			-	-	
-			-	-	
-			-	-	

U/D	0
Target	67,695,025
Result	0

Date	Principal	Coupon	Interest	Semi-Annual Debt Service
	-		-	-
10/1/2040				
4/1/2041			-	-
10/1/2041	-	0.570%	-	-
4/1/2042	-		-	-
10/1/2042	-	0.870%	-	-
4/1/2043	-		-	-
10/1/2043	-	1.240%	-	-
4/1/2044	-		-	-
10/1/2044	-	1.590%	-	-
4/1/2045	-		-	-
10/1/2045	-	2.000%	-	-
4/1/2046	-		-	-
10/1/2046	-	2.510%	-	-
4/1/2047	-		-	-
10/1/2047	-	2.880%	-	-
4/1/2048	-		-	-
10/1/2048	-	3.130%	-	-
4/1/2049	-		-	-
10/1/2049	-	3.380%	-	-
4/1/2050	-		-	-
10/1/2050	-	3.610%	-	-
4/1/2051	-		-	-
10/1/2051	-	3.760%	-	-
4/1/2052	-		-	-
10/1/2052	-	3.890%	-	-
4/1/2053	-		-	-
10/1/2053	-	4.010%	-	-
4/1/2054	-		-	-
10/1/2054	-	4.130%	-	-
4/1/2055	-		-	-
10/1/2055	-	4.240%	-	-
4/1/2056	-		-	-
10/1/2056	-	4.340%	-	-
4/1/2057	-		-	-

10/1/2057	-	4.430%	-	-
4/1/2058	-		-	-
10/1/2058	-	4.510%	-	-
4/1/2059	-		-	-
10/1/2059	-	4.580%	-	-
4/1/2060	-		-	-
10/1/2060	-	4.650%	-	-
4/1/2061	-		-	-
10/1/2061	-	4.750%	-	-
4/1/2062	-		-	-
10/1/2062	-	4.850%	-	-
4/1/2063	-		-	-
10/1/2063	-	4.950%	-	-
4/1/2064	-		-	-
10/1/2064	-	5.050%	-	-
4/1/2065	-		-	-
10/1/2065	-	5.150%	-	-
4/1/2066	-		-	-
10/1/2066	-	5.250%	-	-
4/1/2067	-		-	-
10/1/2067	-	5.350%	-	-
4/1/2068	-		-	-
10/1/2068	-	5.450%	-	-
4/1/2069	-		-	-
10/1/2069	-	5.550%	-	-
4/1/2070	-		-	-
10/1/2070	-	5.650%	-	-

Annual Debt Service	Price	Total Proceeds	Beginning DS	Ending DS
-		-		
-		-	-	-
-	100.000	-	67,695,025	67,695,025
-		-	-	-
-	100.000	-	67,695,025	67,695,025
-		-	-	-
-	100.000	-	67,695,026	67,695,026
-		-	-	-
-	100.000	-	67,695,026	67,695,026
-		-	-	-
-	100.000	-	67,695,025	67,695,025
-		-	-	-
-	100.000	-	67,695,025	67,695,025
-		-	-	-
-	100.000	-	67,695,025	67,695,025
-		-	-	-
-	100.000	-	67,695,026	67,695,026
-		-	-	-
-	100.000	-	67,695,026	67,695,026
-		-	-	-
-	100.000	-	67,695,025	67,695,025
-		-	-	-
-	100.000	-	67,695,025	67,695,025
-		-	-	-
-	100.000	-	67,695,026	67,695,026
-		-	-	-
-	100.000	-	67,695,025	67,695,025
-		-	-	-
-	100.000	-	67,695,026	67,695,026
-		-	-	-
-	100.000	-	67,695,025	67,695,025
-		-	-	-
-	100.000	-	67,695,026	67,695,026
-		-	-	-

-	100.000	-		67,695,026	67,695,026
-		-		-	-
-	100.000	-		67,695,025	67,695,025
-		-		-	-
-	100.000	-		67,695,026	67,695,026
-		-		-	-
-	100.000	-		67,695,026	67,695,026
-		-		-	-
-	100.000	-		67,695,025	67,695,025
-		-		-	-
-	100.000	-		67,695,025	67,695,025
-		-		-	-
-	100.000	-		67,695,025	67,695,025
-		-		-	-
-	100.000	-		67,695,026	67,695,026
-		-		-	-
-	100.000	-		67,695,025	67,695,025
-		-		-	-
-	100.000	-		67,695,026	67,695,026
-		-		-	-
-	100.000	-		-	-
-		-		-	-
-	100.000	-		-	-
-		-		-	-
-	100.000	-		-	-
-		-		-	-
-	100.000	-		-	-
-		-		-	-
-	100.000	-		-	-

JEA HEAT Model
Series 2041

U/D	0
Target	67,695,025
Result	0

Period	Date	Principal	Coupon	Interest
		-		-
	10/1/2041			
	4/1/2042			-
	10/1/2042	-	0.570%	-
	4/1/2043	-		-
	10/1/2043	-	0.870%	-
	4/1/2044	-		-
	10/1/2044	-	1.240%	-
	4/1/2045	-		-
	10/1/2045	-	1.590%	-
	4/1/2046	-		-
	10/1/2046	-	2.000%	-
	4/1/2047	-		-
	10/1/2047	-	2.510%	-
	4/1/2048	-		-
	10/1/2048	-	2.880%	-
	4/1/2049	-		-
	10/1/2049	-	3.130%	-
	4/1/2050	-		-
	10/1/2050	-	3.380%	-
	4/1/2051	-		-
	10/1/2051	-	3.610%	-
	4/1/2052	-		-
	10/1/2052	-	3.760%	-
	4/1/2053	-		-
	10/1/2053	-	3.890%	-
	4/1/2054	-		-
	10/1/2054	-	4.010%	-
	4/1/2055	-		-
	10/1/2055	-	4.130%	-
	4/1/2056	-		-
	10/1/2056	-	4.240%	-
	4/1/2057	-		-
	10/1/2057	-	4.340%	-
	4/1/2058	-		-

	10/1/2058	-	4.430%	-
	4/1/2059	-		-
	10/1/2059	-	4.510%	-
	4/1/2060	-		-
	10/1/2060	-	4.580%	-
	4/1/2061	-		-
	10/1/2061	-	4.650%	-
	4/1/2062	-		-
	10/1/2062	-	4.750%	-
	4/1/2063	-		-
	10/1/2063	-	4.850%	-
	4/1/2064	-		-
	10/1/2064	-	4.950%	-
	4/1/2065	-		-
	10/1/2065	-	5.050%	-
	4/1/2066	-		-
	10/1/2066	-	5.150%	-
	4/1/2067	-		-
	10/1/2067	-	5.250%	-
	4/1/2068	-		-
	10/1/2068	-	5.350%	-
	4/1/2069	-		-
	10/1/2069	-	5.450%	-
	4/1/2070	-		-
	10/1/2070	-	5.550%	-
	4/1/2071	-		-
	10/1/2071	-	5.650%	-

Semi-Annual Debt Service	Annual Debt Service	Price	Total Proceeds	Beginning DS
-	-		-	
-	-		-	-
-	-	100.000	-	67,695,025
-	-		-	-
-	-	100.000	-	67,695,026
-	-		-	-
-	-	100.000	-	67,695,026
-	-		-	-
-	-	100.000	-	67,695,025
-	-		-	-
-	-	100.000	-	67,695,025
-	-		-	-
-	-	100.000	-	67,695,025
-	-		-	-
-	-	100.000	-	67,695,026
-	-		-	-
-	-	100.000	-	67,695,026
-	-		-	-
-	-	100.000	-	67,695,025
-	-		-	-
-	-	100.000	-	67,695,025
-	-		-	-
-	-	100.000	-	67,695,026
-	-		-	-
-	-	100.000	-	67,695,025
-	-		-	-
-	-	100.000	-	67,695,026
-	-		-	-
-	-	100.000	-	67,695,025
-	-		-	-
-	-	100.000	-	67,695,026
-	-		-	-
-	-	100.000	-	67,695,026
-	-		-	-

-	-	100.000	-	67,695,025
-	-		-	-
-	-	100.000	-	67,695,026
-	-		-	-
-	-	100.000	-	67,695,026
-	-		-	-
-	-	100.000	-	67,695,025
-	-		-	-
-	-	100.000	-	67,695,025
-	-		-	-
-	-	100.000	-	67,695,025
-	-		-	-
-	-	100.000	-	67,695,026
-	-		-	-
-	-	100.000	-	67,695,025
-	-		-	-
-	-	100.000	-	67,695,026
-	-		-	-
-	-	100.000	-	-
-	-		-	-
-	-	100.000	-	-
-	-		-	-
-	-	100.000	-	-
-	-		-	-
-	-	100.000	-	-
-	-		-	-
-	-	100.000	-	-

JEA HEAT Model
Series 2042

U/D	0
Target	67,695,025
Result	0

Ending DS	Period	Date	Principal	Coupon
			-	
		10/1/2042		
-		4/1/2043		
67,695,025		10/1/2043	-	0.570%
-		4/1/2044	-	
67,695,026		10/1/2044	-	0.870%
-		4/1/2045	-	
67,695,026		10/1/2045	-	1.240%
-		4/1/2046	-	
67,695,025		10/1/2046	-	1.590%
-		4/1/2047	-	
67,695,025		10/1/2047	-	2.000%
-		4/1/2048	-	
67,695,025		10/1/2048	-	2.510%
-		4/1/2049	-	
67,695,026		10/1/2049	-	2.880%
-		4/1/2050	-	
67,695,026		10/1/2050	-	3.130%
-		4/1/2051	-	
67,695,025		10/1/2051	-	3.380%
-		4/1/2052	-	
67,695,025		10/1/2052	-	3.610%
-		4/1/2053	-	
67,695,026		10/1/2053	-	3.760%
-		4/1/2054	-	
67,695,025		10/1/2054	-	3.890%
-		4/1/2055	-	
67,695,026		10/1/2055	-	4.010%
-		4/1/2056	-	
67,695,025		10/1/2056	-	4.130%
-		4/1/2057	-	
67,695,026		10/1/2057	-	4.240%
-		4/1/2058	-	
67,695,026		10/1/2058	-	4.340%
-		4/1/2059	-	

67,695,025		10/1/2059	-	4.430%
-		4/1/2060	-	
67,695,026		10/1/2060	-	4.510%
-		4/1/2061	-	
67,695,026		10/1/2061	-	4.580%
-		4/1/2062	-	
67,695,025		10/1/2062	-	4.650%
-		4/1/2063	-	
67,695,025		10/1/2063	-	4.750%
-		4/1/2064	-	
67,695,025		10/1/2064	-	4.850%
-		4/1/2065	-	
67,695,026		10/1/2065	-	4.950%
-		4/1/2066	-	
67,695,025		10/1/2066	-	5.050%
-		4/1/2067	-	
67,695,026		10/1/2067	-	5.150%
-		4/1/2068	-	
-		10/1/2068	-	5.250%
-		4/1/2069	-	
-		10/1/2069	-	5.350%
-		4/1/2070	-	
-		10/1/2070	-	5.450%
-		4/1/2071	-	
-		10/1/2071	-	5.550%
-		4/1/2072	-	
-		10/1/2072	-	5.650%

Interest	Semi-Annual Debt Service	Annual Debt Service	Price	Total Proceeds
-	-	-		-
-	-	-		-
-	-	-	100.000	-
-	-	-		-
-	-	-	100.000	-
-	-	-		-
-	-	-	100.000	-
-	-	-		-
-	-	-	100.000	-
-	-	-		-
-	-	-	100.000	-
-	-	-		-
-	-	-	100.000	-
-	-	-		-
-	-	-	100.000	-
-	-	-		-
-	-	-	100.000	-
-	-	-		-
-	-	-	100.000	-
-	-	-		-
-	-	-	100.000	-
-	-	-		-
-	-	-	100.000	-
-	-	-		-
-	-	-	100.000	-
-	-	-		-
-	-	-	100.000	-
-	-	-		-
-	-	-	100.000	-
-	-	-		-
-	-	-	100.000	-
-	-	-		-
-	-	-	100.000	-
-	-	-		-
-	-	-	100.000	-
-	-	-		-

-	-	-	100.000	-
-	-	-		-
-	-	-	100.000	-
-	-	-		-
-	-	-	100.000	-
-	-	-		-
-	-	-	100.000	-
-	-	-		-
-	-	-	100.000	-
-	-	-		-
-	-	-	100.000	-
-	-	-		-
-	-	-	100.000	-
-	-	-		-
-	-	-	100.000	-
-	-	-		-
-	-	-	100.000	-
-	-	-		-
-	-	-	100.000	-
-	-	-		-
-	-	-	100.000	-
-	-	-		-
-	-	-	100.000	-
-	-	-		-
-	-	-	100.000	-
-	-	-		-
-	-	-	100.000	-

Beginning DS	Ending DS
-	-
67,695,026	67,695,026
-	-
67,695,026	67,695,026
-	-
67,695,025	67,695,025
-	-
67,695,025	67,695,025
-	-
67,695,025	67,695,025
-	-
67,695,026	67,695,026
-	-
67,695,026	67,695,026
-	-
67,695,025	67,695,025
-	-
67,695,025	67,695,025
-	-
67,695,026	67,695,026
-	-
67,695,025	67,695,025
-	-
67,695,026	67,695,026
-	-
67,695,025	67,695,025
-	-
67,695,026	67,695,026
-	-
67,695,026	67,695,026
-	-
67,695,025	67,695,025
-	-

JEA HEAT Model
Series 2043

U/D
Target
Result

Period	Date	Principal
		-
	10/1/2043	
	4/1/2044	
	10/1/2044	-
	4/1/2045	-
	10/1/2045	-
	4/1/2046	-
	10/1/2046	-
	4/1/2047	-
	10/1/2047	-
	4/1/2048	-
	10/1/2048	-
	4/1/2049	-
	10/1/2049	-
	4/1/2050	-
	10/1/2050	-
	4/1/2051	-
	10/1/2051	-
	4/1/2052	-
	10/1/2052	-
	4/1/2053	-
	10/1/2053	-
	4/1/2054	-
	10/1/2054	-
	4/1/2055	-
	10/1/2055	-
	4/1/2056	-
	10/1/2056	-
	4/1/2057	-
	10/1/2057	-
	4/1/2058	-
	10/1/2058	-
	4/1/2059	-
	10/1/2059	-
	4/1/2060	-

67,695,026	67,695,026		10/1/2060	-
-	-		4/1/2061	-
67,695,026	67,695,026		10/1/2061	-
-	-		4/1/2062	-
67,695,025	67,695,025		10/1/2062	-
-	-		4/1/2063	-
67,695,025	67,695,025		10/1/2063	-
-	-		4/1/2064	-
67,695,025	67,695,025		10/1/2064	-
-	-		4/1/2065	-
67,695,026	67,695,026		10/1/2065	-
-	-		4/1/2066	-
67,695,025	67,695,025		10/1/2066	-
-	-		4/1/2067	-
67,695,026	67,695,026		10/1/2067	-
-	-		4/1/2068	-
-	-		10/1/2068	-
-	-		4/1/2069	-
-	-		10/1/2069	-
-	-		4/1/2070	-
-	-		10/1/2070	-
-	-		4/1/2071	-
-	-		10/1/2071	-
-	-		4/1/2072	-
-	-		10/1/2072	-
-	-		4/1/2073	-
-	-		10/1/2073	-

0
67,695,025
0

Coupon	Interest	Semi-Annual Debt Service	Annual Debt Service	Price
	-	-	-	
	-	-	-	
0.570%	-	-	-	100.000
	-	-	-	
0.870%	-	-	-	100.000
	-	-	-	
1.240%	-	-	-	100.000
	-	-	-	
1.590%	-	-	-	100.000
	-	-	-	
2.000%	-	-	-	100.000
	-	-	-	
2.510%	-	-	-	100.000
	-	-	-	
2.880%	-	-	-	100.000
	-	-	-	
3.130%	-	-	-	100.000
	-	-	-	
3.380%	-	-	-	100.000
	-	-	-	
3.610%	-	-	-	100.000
	-	-	-	
3.760%	-	-	-	100.000
	-	-	-	
3.890%	-	-	-	100.000
	-	-	-	
4.010%	-	-	-	100.000
	-	-	-	
4.130%	-	-	-	100.000
	-	-	-	
4.240%	-	-	-	100.000
	-	-	-	
4.340%	-	-	-	100.000
	-	-	-	

4.430%	-	-	-	100.000
	-	-	-	
4.510%	-	-	-	100.000
	-	-	-	
4.580%	-	-	-	100.000
	-	-	-	
4.650%	-	-	-	100.000
	-	-	-	
4.750%	-	-	-	100.000
	-	-	-	
4.850%	-	-	-	100.000
	-	-	-	
4.950%	-	-	-	100.000
	-	-	-	
5.050%	-	-	-	100.000
	-	-	-	
5.150%	-	-	-	100.000
	-	-	-	
5.250%	-	-	-	100.000
	-	-	-	
5.350%	-	-	-	100.000
	-	-	-	
5.450%	-	-	-	100.000
	-	-	-	
5.550%	-	-	-	100.000
	-	-	-	
5.650%	-	-	-	100.000

Total Proceeds	Beginning DS	Ending DS	Period
-			
-	-	-	
-	67,695,026	67,695,026	
-	-	-	
-	67,695,025	67,695,025	
-	-	-	
-	67,695,025	67,695,025	
-	-	-	
-	67,695,025	67,695,025	
-	-	-	
-	67,695,026	67,695,026	
-	-	-	
-	67,695,026	67,695,026	
-	-	-	
-	67,695,025	67,695,025	
-	-	-	
-	67,695,025	67,695,025	
-	-	-	
-	67,695,026	67,695,026	
-	-	-	
-	67,695,025	67,695,025	
-	-	-	
-	67,695,026	67,695,026	
-	-	-	
-	67,695,025	67,695,025	
-	-	-	
-	67,695,026	67,695,026	
-	-	-	
-	67,695,026	67,695,026	
-	-	-	
-	67,695,025	67,695,025	
-	-	-	
-	67,695,026	67,695,026	
-	-	-	

-			67,695,026	67,695,026	
-			-	-	
-			67,695,025	67,695,025	
-			-	-	
-			67,695,025	67,695,025	
-			-	-	
-			67,695,025	67,695,025	
-			-	-	
-			67,695,026	67,695,026	
-			-	-	
-			67,695,025	67,695,025	
-			-	-	
-			67,695,026	67,695,026	
-			-	-	
-			-	-	
-			-	-	
-			-	-	
-			-	-	
-			-	-	
-			-	-	
-			-	-	
-			-	-	
-			-	-	
-			-	-	
-			-	-	
-			-	-	

U/D	0
Target	67,695,025
Result	0

Date	Principal	Coupon	Interest	Semi-Annual Debt Service
	-		-	-
10/1/2044				
4/1/2045			-	-
10/1/2045	-	0.570%	-	-
4/1/2046	-		-	-
10/1/2046	-	0.870%	-	-
4/1/2047	-		-	-
10/1/2047	-	1.240%	-	-
4/1/2048	-		-	-
10/1/2048	-	1.590%	-	-
4/1/2049	-		-	-
10/1/2049	-	2.000%	-	-
4/1/2050	-		-	-
10/1/2050	-	2.510%	-	-
4/1/2051	-		-	-
10/1/2051	-	2.880%	-	-
4/1/2052	-		-	-
10/1/2052	-	3.130%	-	-
4/1/2053	-		-	-
10/1/2053	-	3.380%	-	-
4/1/2054	-		-	-
10/1/2054	-	3.610%	-	-
4/1/2055	-		-	-
10/1/2055	-	3.760%	-	-
4/1/2056	-		-	-
10/1/2056	-	3.890%	-	-
4/1/2057	-		-	-
10/1/2057	-	4.010%	-	-
4/1/2058	-		-	-
10/1/2058	-	4.130%	-	-
4/1/2059	-		-	-
10/1/2059	-	4.240%	-	-
4/1/2060	-		-	-
10/1/2060	-	4.340%	-	-
4/1/2061	-		-	-

10/1/2061	-	4.430%	-	-
4/1/2062	-		-	-
10/1/2062	-	4.510%	-	-
4/1/2063	-		-	-
10/1/2063	-	4.580%	-	-
4/1/2064	-		-	-
10/1/2064	-	4.650%	-	-
4/1/2065	-		-	-
10/1/2065	-	4.750%	-	-
4/1/2066	-		-	-
10/1/2066	-	4.850%	-	-
4/1/2067	-		-	-
10/1/2067	-	4.950%	-	-
4/1/2068	-		-	-
10/1/2068	-	5.050%	-	-
4/1/2069	-		-	-
10/1/2069	-	5.150%	-	-
4/1/2070	-		-	-
10/1/2070	-	5.250%	-	-
4/1/2071	-		-	-
10/1/2071	-	5.350%	-	-
4/1/2072	-		-	-
10/1/2072	-	5.450%	-	-
4/1/2073	-		-	-
10/1/2073	-	5.550%	-	-
4/1/2074	-		-	-
10/1/2074	-	5.650%	-	-

Annual Debt Service	Price	Total Proceeds	Beginning DS	Ending DS
-		-		
-		-	-	-
-	100.000	-	67,695,025	67,695,025
-		-	-	-
-	100.000	-	67,695,025	67,695,025
-		-	-	-
-	100.000	-	67,695,025	67,695,025
-		-	-	-
-	100.000	-	67,695,026	67,695,026
-		-	-	-
-	100.000	-	67,695,026	67,695,026
-		-	-	-
-	100.000	-	67,695,025	67,695,025
-		-	-	-
-	100.000	-	67,695,025	67,695,025
-		-	-	-
-	100.000	-	67,695,026	67,695,026
-		-	-	-
-	100.000	-	67,695,025	67,695,025
-		-	-	-
-	100.000	-	67,695,026	67,695,026
-		-	-	-
-	100.000	-	67,695,025	67,695,025
-		-	-	-
-	100.000	-	67,695,026	67,695,026
-		-	-	-
-	100.000	-	67,695,026	67,695,026
-		-	-	-
-	100.000	-	67,695,025	67,695,025
-		-	-	-
-	100.000	-	67,695,026	67,695,026
-		-	-	-
-	100.000	-	67,695,026	67,695,026
-		-	-	-

-	100.000	-		67,695,025	67,695,025
-		-		-	-
-	100.000	-		67,695,025	67,695,025
-		-		-	-
-	100.000	-		67,695,025	67,695,025
-		-		-	-
-	100.000	-		67,695,026	67,695,026
-		-		-	-
-	100.000	-		67,695,025	67,695,025
-		-		-	-
-	100.000	-		67,695,026	67,695,026
-		-		-	-
-	100.000	-		-	-
-		-		-	-
-	100.000	-		-	-
-		-		-	-
-	100.000	-		-	-
-		-		-	-
-	100.000	-		-	-
-		-		-	-
-	100.000	-		-	-
-		-		-	-
-	100.000	-		-	-
-		-		-	-
-	100.000	-		-	-
-		-		-	-
-	100.000	-		-	-
-		-		-	-
-	100.000	-		-	-

JEA HEAT Model
Series 2045

U/D	0
Target	67,695,025
Result	0

Period	Date	Principal	Coupon	Interest
		-		-
	10/1/2045			
	4/1/2046			-
	10/1/2046	-	0.570%	-
	4/1/2047	-		-
	10/1/2047	-	0.870%	-
	4/1/2048	-		-
	10/1/2048	-	1.240%	-
	4/1/2049	-		-
	10/1/2049	-	1.590%	-
	4/1/2050	-		-
	10/1/2050	-	2.000%	-
	4/1/2051	-		-
	10/1/2051	-	2.510%	-
	4/1/2052	-		-
	10/1/2052	-	2.880%	-
	4/1/2053	-		-
	10/1/2053	-	3.130%	-
	4/1/2054	-		-
	10/1/2054	-	3.380%	-
	4/1/2055	-		-
	10/1/2055	-	3.610%	-
	4/1/2056	-		-
	10/1/2056	-	3.760%	-
	4/1/2057	-		-
	10/1/2057	-	3.890%	-
	4/1/2058	-		-
	10/1/2058	-	4.010%	-
	4/1/2059	-		-
	10/1/2059	-	4.130%	-
	4/1/2060	-		-
	10/1/2060	-	4.240%	-
	4/1/2061	-		-
	10/1/2061	-	4.340%	-
	4/1/2062	-		-

	10/1/2062	-	4.430%	-
	4/1/2063	-		-
	10/1/2063	-	4.510%	-
	4/1/2064	-		-
	10/1/2064	-	4.580%	-
	4/1/2065	-		-
	10/1/2065	-	4.650%	-
	4/1/2066	-		-
	10/1/2066	-	4.750%	-
	4/1/2067	-		-
	10/1/2067	-	4.850%	-
	4/1/2068	-		-
	10/1/2068	-	4.950%	-
	4/1/2069	-		-
	10/1/2069	-	5.050%	-
	4/1/2070	-		-
	10/1/2070	-	5.150%	-
	4/1/2071	-		-
	10/1/2071	-	5.250%	-
	4/1/2072	-		-
	10/1/2072	-	5.350%	-
	4/1/2073	-		-
	10/1/2073	-	5.450%	-
	4/1/2074	-		-
	10/1/2074	-	5.550%	-
	4/1/2075	-		-
	10/1/2075	-	5.650%	-

Semi-Annual Debt Service	Annual Debt Service	Price	Total Proceeds	Beginning DS
-	-		-	
-	-		-	-
-	-	100.000	-	67,695,025
-	-		-	-
-	-	100.000	-	67,695,025
-	-		-	-
-	-	100.000	-	67,695,026
-	-		-	-
-	-	100.000	-	67,695,026
-	-		-	-
-	-	100.000	-	67,695,025
-	-		-	-
-	-	100.000	-	67,695,025
-	-		-	-
-	-	100.000	-	67,695,026
-	-		-	-
-	-	100.000	-	67,695,025
-	-		-	-
-	-	100.000	-	67,695,026
-	-		-	-
-	-	100.000	-	67,695,025
-	-		-	-
-	-	100.000	-	67,695,026
-	-		-	-
-	-	100.000	-	67,695,026
-	-		-	-
-	-	100.000	-	67,695,025
-	-		-	-
-	-	100.000	-	67,695,026
-	-		-	-
-	-	100.000	-	67,695,026
-	-		-	-
-	-	100.000	-	67,695,025
-	-		-	-

-	-	100.000	-		67,695,025
-	-		-		-
-	-	100.000	-		67,695,025
-	-		-		-
-	-	100.000	-		67,695,026
-	-		-		-
-	-	100.000	-		67,695,025
-	-		-		-
-	-	100.000	-		67,695,026
-	-		-		-
-	-	100.000	-		-
-	-		-		-
-	-	100.000	-		-
-	-		-		-
-	-	100.000	-		-
-	-		-		-
-	-	100.000	-		-
-	-		-		-
-	-	100.000	-		-
-	-		-		-
-	-	100.000	-		-
-	-		-		-
-	-	100.000	-		-
-	-		-		-
-	-	100.000	-		-
-	-		-		-
-	-	100.000	-		-
-	-		-		-
-	-	100.000	-		-
-	-		-		-
-	-	100.000	-		-

JEA HEAT Model
Series 2046

U/D	0
Target	67,695,025
Result	0

Ending DS	Period	Date	Principal	Coupon
			-	
		10/1/2046		
-		4/1/2047		
67,695,025		10/1/2047	-	0.570%
-		4/1/2048	-	
67,695,025		10/1/2048	-	0.870%
-		4/1/2049	-	
67,695,026		10/1/2049	-	1.240%
-		4/1/2050	-	
67,695,026		10/1/2050	-	1.590%
-		4/1/2051	-	
67,695,025		10/1/2051	-	2.000%
-		4/1/2052	-	
67,695,025		10/1/2052	-	2.510%
-		4/1/2053	-	
67,695,026		10/1/2053	-	2.880%
-		4/1/2054	-	
67,695,025		10/1/2054	-	3.130%
-		4/1/2055	-	
67,695,026		10/1/2055	-	3.380%
-		4/1/2056	-	
67,695,025		10/1/2056	-	3.610%
-		4/1/2057	-	
67,695,026		10/1/2057	-	3.760%
-		4/1/2058	-	
67,695,026		10/1/2058	-	3.890%
-		4/1/2059	-	
67,695,025		10/1/2059	-	4.010%
-		4/1/2060	-	
67,695,026		10/1/2060	-	4.130%
-		4/1/2061	-	
67,695,026		10/1/2061	-	4.240%
-		4/1/2062	-	
67,695,025		10/1/2062	-	4.340%
-		4/1/2063	-	

67,695,025		10/1/2063	-	4.430%
-		4/1/2064	-	
67,695,025		10/1/2064	-	4.510%
-		4/1/2065	-	
67,695,026		10/1/2065	-	4.580%
-		4/1/2066	-	
67,695,025		10/1/2066	-	4.650%
-		4/1/2067	-	
67,695,026		10/1/2067	-	4.750%
-		4/1/2068	-	
-		10/1/2068	-	4.850%
-		4/1/2069	-	
-		10/1/2069	-	4.950%
-		4/1/2070	-	
-		10/1/2070	-	5.050%
-		4/1/2071	-	
-		10/1/2071	-	5.150%
-		4/1/2072	-	
-		10/1/2072	-	5.250%
-		4/1/2073	-	
-		10/1/2073	-	5.350%
-		4/1/2074	-	
-		10/1/2074	-	5.450%
-		4/1/2075	-	
-		10/1/2075	-	5.550%
-		4/1/2076	-	
-		10/1/2076	-	5.650%

Interest	Semi-Annual Debt Service	Annual Debt Service	Price	Total Proceeds
-	-	-		-
-	-	-		-
-	-	-	100.000	-
-	-	-		-
-	-	-	100.000	-
-	-	-		-
-	-	-	100.000	-
-	-	-		-
-	-	-	100.000	-
-	-	-		-
-	-	-	100.000	-
-	-	-		-
-	-	-	100.000	-
-	-	-		-
-	-	-	100.000	-
-	-	-		-
-	-	-	100.000	-
-	-	-		-
-	-	-	100.000	-
-	-	-		-
-	-	-	100.000	-
-	-	-		-
-	-	-	100.000	-
-	-	-		-
-	-	-	100.000	-
-	-	-		-
-	-	-	100.000	-
-	-	-		-
-	-	-	100.000	-
-	-	-		-
-	-	-	100.000	-
-	-	-		-
-	-	-	100.000	-
-	-	-		-
-	-	-	100.000	-
-	-	-		-

-	-	-	100.000	-
-	-	-		-
-	-	-	100.000	-
-	-	-		-
-	-	-	100.000	-
-	-	-		-
-	-	-	100.000	-
-	-	-		-
-	-	-	100.000	-
-	-	-		-
-	-	-	100.000	-
-	-	-		-
-	-	-	100.000	-
-	-	-		-
-	-	-	100.000	-
-	-	-		-
-	-	-	100.000	-
-	-	-		-
-	-	-	100.000	-
-	-	-		-
-	-	-	100.000	-
-	-	-		-
-	-	-	100.000	-
-	-	-		-
-	-	-	100.000	-
-	-	-		-
-	-	-	100.000	-

Beginning DS	Ending DS
-	-
67,695,025	67,695,025
-	-
67,695,026	67,695,026
-	-
67,695,026	67,695,026
-	-
67,695,025	67,695,025
-	-
67,695,025	67,695,025
-	-
67,695,026	67,695,026
-	-
67,695,025	67,695,025
-	-
67,695,026	67,695,026
-	-
67,695,025	67,695,025
-	-
67,695,026	67,695,026
-	-
67,695,026	67,695,026
-	-
67,695,025	67,695,025
-	-
67,695,026	67,695,026
-	-
67,695,026	67,695,026
-	-
67,695,025	67,695,025
-	-
67,695,025	67,695,025
-	-

JEA HEAT Model
Series 2047

U/D
Target
Result

Period	Date	Principal
		-
	10/1/2047	
	4/1/2048	
	10/1/2048	-
	4/1/2049	-
	10/1/2049	-
	4/1/2050	-
	10/1/2050	-
	4/1/2051	-
	10/1/2051	-
	4/1/2052	-
	10/1/2052	-
	4/1/2053	-
	10/1/2053	-
	4/1/2054	-
	10/1/2054	-
	4/1/2055	-
	10/1/2055	-
	4/1/2056	-
	10/1/2056	-
	4/1/2057	-
	10/1/2057	-
	4/1/2058	-
	10/1/2058	-
	4/1/2059	-
	10/1/2059	-
	4/1/2060	-
	10/1/2060	-
	4/1/2061	-
	10/1/2061	-
	4/1/2062	-
	10/1/2062	-
	4/1/2063	-
	10/1/2063	-
	4/1/2064	-

67,695,025	67,695,025		10/1/2064	-
-	-		4/1/2065	-
67,695,026	67,695,026		10/1/2065	-
-	-		4/1/2066	-
67,695,025	67,695,025		10/1/2066	-
-	-		4/1/2067	-
67,695,026	67,695,026		10/1/2067	-
-	-		4/1/2068	-
-	-		10/1/2068	-
-	-		4/1/2069	-
-	-		10/1/2069	-
-	-		4/1/2070	-
-	-		10/1/2070	-
-	-		4/1/2071	-
-	-		10/1/2071	-
-	-		4/1/2072	-
-	-		10/1/2072	-
-	-		4/1/2073	-
-	-		10/1/2073	-
-	-		4/1/2074	-
-	-		10/1/2074	-
-	-		4/1/2075	-
-	-		10/1/2075	-
-	-		4/1/2076	-
-	-		10/1/2076	-
-	-		4/1/2077	-
-	-		10/1/2077	-

0
67,695,025
0

Coupon	Interest	Semi-Annual Debt Service	Annual Debt Service	Price
	-	-	-	
	-	-	-	
0.570%	-	-	-	100.000
	-	-	-	
0.870%	-	-	-	100.000
	-	-	-	
1.240%	-	-	-	100.000
	-	-	-	
1.590%	-	-	-	100.000
	-	-	-	
2.000%	-	-	-	100.000
	-	-	-	
2.510%	-	-	-	100.000
	-	-	-	
2.880%	-	-	-	100.000
	-	-	-	
3.130%	-	-	-	100.000
	-	-	-	
3.380%	-	-	-	100.000
	-	-	-	
3.610%	-	-	-	100.000
	-	-	-	
3.760%	-	-	-	100.000
	-	-	-	
3.890%	-	-	-	100.000
	-	-	-	
4.010%	-	-	-	100.000
	-	-	-	
4.130%	-	-	-	100.000
	-	-	-	
4.240%	-	-	-	100.000
	-	-	-	
4.340%	-	-	-	100.000
	-	-	-	

4.430%	-	-	-	100.000
	-	-	-	
4.510%	-	-	-	100.000
	-	-	-	
4.580%	-	-	-	100.000
	-	-	-	
4.650%	-	-	-	100.000
	-	-	-	
4.750%	-	-	-	100.000
	-	-	-	
4.850%	-	-	-	100.000
	-	-	-	
4.950%	-	-	-	100.000
	-	-	-	
5.050%	-	-	-	100.000
	-	-	-	
5.150%	-	-	-	100.000
	-	-	-	
5.250%	-	-	-	100.000
	-	-	-	
5.350%	-	-	-	100.000
	-	-	-	
5.450%	-	-	-	100.000
	-	-	-	
5.550%	-	-	-	100.000
	-	-	-	
5.650%	-	-	-	100.000

Total Proceeds	Beginning DS	Ending DS
-		
-	-	-
-	67,695,026	67,695,026
-	-	-
-	67,695,026	67,695,026
-	-	-
-	67,695,025	67,695,025
-	-	-
-	67,695,025	67,695,025
-	-	-
-	67,695,026	67,695,026
-	-	-
-	67,695,025	67,695,025
-	-	-
-	67,695,026	67,695,026
-	-	-
-	67,695,025	67,695,025
-	-	-
-	67,695,026	67,695,026
-	-	-
-	67,695,026	67,695,026
-	-	-
-	67,695,025	67,695,025
-	-	-
-	67,695,026	67,695,026
-	-	-
-	67,695,026	67,695,026
-	-	-
-	67,695,025	67,695,025
-	-	-
-	67,695,025	67,695,025
-	-	-
-	67,695,025	67,695,025
-	-	-

-		67,695,026	67,695,026
-		-	-
-		67,695,025	67,695,025
-		-	-
-		67,695,026	67,695,026
-		-	-
-		-	-
-		-	-

MODEL IS BASED ON PSC SYSTEM CAPACITY PLANNING ASSUMPTIONS

*** ASSUMPTIONS AND FORECAST DO NOT REPRESENT A MANAGEMENT CASE FORECAST FOR FINANC

JEA HEAT Model

New Money Principal

Date	2018	2019	2020	2021
10/1/2018	-	-	-	-
4/1/2019	-	-	-	-
10/1/2019	-	-	-	-
4/1/2020	-	-	-	-
10/1/2020	-	-	-	-
4/1/2021	-	-	-	-
10/1/2021	-	-	-	-
4/1/2022	-	-	-	-
10/1/2022	-	-	-	-
4/1/2023	-	-	-	-
10/1/2023	-	-	-	-
4/1/2024	-	-	-	-
10/1/2024	-	-	-	-
4/1/2025	-	-	-	-
10/1/2025	-	-	-	-
4/1/2026	-	-	-	-
10/1/2026	-	-	-	-
4/1/2027	-	-	-	-
10/1/2027	-	-	-	-
4/1/2028	-	-	-	-
10/1/2028	-	-	-	-
4/1/2029	-	-	-	-
10/1/2029	-	-	-	-
4/1/2030	-	-	-	-
10/1/2030	-	-	-	-
4/1/2031	-	-	-	-
10/1/2031	-	-	-	-
4/1/2032	-	-	-	-
10/1/2032	-	-	-	-
4/1/2033	-	-	-	-
10/1/2033	-	-	-	-
4/1/2034	-	-	-	-
10/1/2034	-	-	-	-
4/1/2035	-	-	-	-
10/1/2035	-	-	-	-
4/1/2036	-	-	-	-
10/1/2036	-	-	-	-
4/1/2037	-	-	-	-
10/1/2037	-	-	-	-

4/1/2038	-	-	-	-
10/1/2038	-	-	-	-
4/1/2039	-	-	-	-
10/1/2039	-	-	-	-
4/1/2040	-	-	-	-
10/1/2040	-	-	-	-
4/1/2041	-	-	-	-
10/1/2041	-	-	-	-
4/1/2042	-	-	-	-
10/1/2042	-	-	-	-
4/1/2043	-	-	-	-
10/1/2043	-	-	-	-
4/1/2044	-	-	-	-
10/1/2044	-	-	-	-
4/1/2045	-	-	-	-
10/1/2045	-	-	-	-
4/1/2046	-	-	-	-
10/1/2046	-	-	-	-
4/1/2047	-	-	-	-
10/1/2047	-	-	-	-
4/1/2048	-	-	-	-
10/1/2048	-	-	-	-
4/1/2049	-	-	-	-
10/1/2049	-	-	-	-
4/1/2050	-	-	-	-
10/1/2050	-	-	-	-
4/1/2051	-	-	-	-
10/1/2051	-	-	-	-
4/1/2052	-	-	-	-
10/1/2052	-	-	-	-
4/1/2053	-	-	-	-
10/1/2053	-	-	-	-
4/1/2054	-	-	-	-
10/1/2054	-	-	-	-
4/1/2055	-	-	-	-
10/1/2055	-	-	-	-
4/1/2056	-	-	-	-
10/1/2056	-	-	-	-
4/1/2057	-	-	-	-
10/1/2057	-	-	-	-
4/1/2058	-	-	-	-
10/1/2058	-	-	-	-
4/1/2059	-	-	-	-
10/1/2059	-	-	-	-
4/1/2060	-	-	-	-
10/1/2060	-	-	-	-

4/1/2061	-	-	-	-
10/1/2061	-	-	-	-
4/1/2062	-	-	-	-
10/1/2062	-	-	-	-
4/1/2063	-	-	-	-
10/1/2063	-	-	-	-
4/1/2064	-	-	-	-
10/1/2064	-	-	-	-
4/1/2065	-	-	-	-
10/1/2065	-	-	-	-
4/1/2066	-	-	-	-
10/1/2066	-	-	-	-
4/1/2067	-	-	-	-
10/1/2067	-	-	-	-
4/1/2068	-	-	-	-
10/1/2068	-	-	-	-
4/1/2069	-	-	-	-
10/1/2069	-	-	-	-
4/1/2070	-	-	-	-
10/1/2070	-	-	-	-
4/1/2071	-	-	-	-
10/1/2071	-	-	-	-
4/1/2072	-	-	-	-
10/1/2072	-	-	-	-
4/1/2073	-	-	-	-
10/1/2073	-	-	-	-
4/1/2074	-	-	-	-
10/1/2074	-	-	-	-
4/1/2075	-	-	-	-
10/1/2075	-	-	-	-
4/1/2076	-	-	-	-
10/1/2076	-	-	-	-
4/1/2077	-	-	-	-
10/1/2077	-	-	-	-

New Money Interest

Date	2018	2019	2020	2021
10/1/2018	-	-	-	-
4/1/2019	-	-	-	-
10/1/2019	-	-	-	-
4/1/2020	-	-	-	-
10/1/2020	-	-	-	-

4/1/2021	-	-	-	-
10/1/2021	-	-	-	-
4/1/2022	-	-	-	-
10/1/2022	-	-	-	-
4/1/2023	-	-	-	-
10/1/2023	-	-	-	-
4/1/2024	-	-	-	-
10/1/2024	-	-	-	-
4/1/2025	-	-	-	-
10/1/2025	-	-	-	-
4/1/2026	-	-	-	-
10/1/2026	-	-	-	-
4/1/2027	-	-	-	-
10/1/2027	-	-	-	-
4/1/2028	-	-	-	-
10/1/2028	-	-	-	-
4/1/2029	-	-	-	-
10/1/2029	-	-	-	-
4/1/2030	-	-	-	-
10/1/2030	-	-	-	-
4/1/2031	-	-	-	-
10/1/2031	-	-	-	-
4/1/2032	-	-	-	-
10/1/2032	-	-	-	-
4/1/2033	-	-	-	-
10/1/2033	-	-	-	-
4/1/2034	-	-	-	-
10/1/2034	-	-	-	-
4/1/2035	-	-	-	-
10/1/2035	-	-	-	-
4/1/2036	-	-	-	-
10/1/2036	-	-	-	-
4/1/2037	-	-	-	-
10/1/2037	-	-	-	-
4/1/2038	-	-	-	-
10/1/2038	-	-	-	-
4/1/2039	-	-	-	-
10/1/2039	-	-	-	-
4/1/2040	-	-	-	-
10/1/2040	-	-	-	-
4/1/2041	-	-	-	-
10/1/2041	-	-	-	-
4/1/2042	-	-	-	-
10/1/2042	-	-	-	-
4/1/2043	-	-	-	-
10/1/2043	-	-	-	-

4/1/2044	-	-	-	-
10/1/2044	-	-	-	-
4/1/2045	-	-	-	-
10/1/2045	-	-	-	-
4/1/2046	-	-	-	-
10/1/2046	-	-	-	-
4/1/2047	-	-	-	-
10/1/2047	-	-	-	-
4/1/2048	-	-	-	-
10/1/2048	-	-	-	-
4/1/2049	-	-	-	-
10/1/2049	-	-	-	-
4/1/2050	-	-	-	-
10/1/2050	-	-	-	-
4/1/2051	-	-	-	-
10/1/2051	-	-	-	-
4/1/2052	-	-	-	-
10/1/2052	-	-	-	-
4/1/2053	-	-	-	-
10/1/2053	-	-	-	-
4/1/2054	-	-	-	-
10/1/2054	-	-	-	-
4/1/2055	-	-	-	-
10/1/2055	-	-	-	-
4/1/2056	-	-	-	-
10/1/2056	-	-	-	-
4/1/2057	-	-	-	-
10/1/2057	-	-	-	-
4/1/2058	-	-	-	-
10/1/2058	-	-	-	-
4/1/2059	-	-	-	-
10/1/2059	-	-	-	-
4/1/2060	-	-	-	-
10/1/2060	-	-	-	-
4/1/2061	-	-	-	-
10/1/2061	-	-	-	-
4/1/2062	-	-	-	-
10/1/2062	-	-	-	-
4/1/2063	-	-	-	-
10/1/2063	-	-	-	-
4/1/2064	-	-	-	-
10/1/2064	-	-	-	-
4/1/2065	-	-	-	-
10/1/2065	-	-	-	-
4/1/2066	-	-	-	-
10/1/2066	-	-	-	-

4/1/2067	-	-	-	-
10/1/2067	-	-	-	-
4/1/2068	-	-	-	-
10/1/2068	-	-	-	-
4/1/2069	-	-	-	-
10/1/2069	-	-	-	-
4/1/2070	-	-	-	-
10/1/2070	-	-	-	-
4/1/2071	-	-	-	-
10/1/2071	-	-	-	-
4/1/2072	-	-	-	-
10/1/2072	-	-	-	-
4/1/2073	-	-	-	-
10/1/2073	-	-	-	-
4/1/2074	-	-	-	-
10/1/2074	-	-	-	-
4/1/2075	-	-	-	-
10/1/2075	-	-	-	-
4/1/2076	-	-	-	-
10/1/2076	-	-	-	-
4/1/2077	-	-	-	-
10/1/2077	-	-	-	-

Bond Defeasances - Electric System

Defease Years	2018	2019	2020	2021
10/1/2018	-	-	-	-
10/1/2019	-	-	-	-
10/1/2020	-	-	-	-
10/1/2021	-	-	-	-
10/1/2022	-	-	-	-
10/1/2023	-	-	-	-
10/1/2024	-	-	-	-
10/1/2025	-	-	-	-
10/1/2026	-	-	-	-
10/1/2027	-	-	-	-
10/1/2028	-	-	-	-
10/1/2029	-	-	-	-
10/1/2030	-	-	-	-
10/1/2031	-	-	-	-
10/1/2032	-	-	-	-
10/1/2033	-	-	-	-
10/1/2034	-	-	-	-

10/1/2035	-	-	-	-
10/1/2036	-	-	-	-
10/1/2037	-	-	-	-
10/1/2038	-	-	-	-
10/1/2039	-	-	-	-
10/1/2040	-	-	-	-
10/1/2041	-	-	-	-
10/1/2042	-	-	-	-
10/1/2043	-	-	-	-
10/1/2044	-	-	-	-
10/1/2045	-	-	-	-
10/1/2046	-	-	-	-
10/1/2047	-	-	-	-
10/1/2048	-	-	-	-
10/1/2049	-	-	-	-
10/1/2050	-	-	-	-
10/1/2051	-	-	-	-
10/1/2052	-	-	-	-
10/1/2053	-	-	-	-
10/1/2054	-	-	-	-
10/1/2055	-	-	-	-
10/1/2056	-	-	-	-
10/1/2057	-	-	-	-
10/1/2058	-	-	-	-
10/1/2059	-	-	-	-
Total	**-**	**-**	**-**	**-**

Bond Defeasances - Power Park

Date	2018	2019	2020	2021
10/1/2018	-	-	-	-
10/1/2019	-	-	-	-
10/1/2020	-	-	-	-
10/1/2021	-	-	-	-
10/1/2022	-	-	-	-
10/1/2023	-	-	-	-
10/1/2024	-	-	-	-
10/1/2025	-	-	-	-
10/1/2026	-	-	-	-
10/1/2027	-	-	-	-
10/1/2028	-	-	-	-
10/1/2029	-	-	-	-
10/1/2030	-	-	-	-

10/1/2031	-	-	-	-
10/1/2032	-	-	-	-
10/1/2033	-	-	-	-
10/1/2034	-	-	-	-
10/1/2035	-	-	-	-
10/1/2036	-	-	-	-
10/1/2037	-	-	-	-
10/1/2038	-	-	-	-
10/1/2039	-	-	-	-
10/1/2040	-	-	-	-
10/1/2041	-	-	-	-
10/1/2042	-	-	-	-
10/1/2043	-	-	-	-
10/1/2044	-	-	-	-
10/1/2045	-	-	-	-
10/1/2046	-	-	-	-
10/1/2047	-	-	-	-
10/1/2048	-	-	-	-
10/1/2049	-	-	-	-
10/1/2050	-	-	-	-
10/1/2051	-	-	-	-
10/1/2052	-	-	-	-
10/1/2053	-	-	-	-
10/1/2054	-	-	-	-
10/1/2055	-	-	-	-
10/1/2056	-	-	-	-
10/1/2057	-	-	-	-
10/1/2058	-	-	-	-
10/1/2059	-	-	-	-
Total	**-**	**-**	**-**	**-**

Bond Defeasances - Scherer BPS

Date	2018	2019	2020	2021
10/1/2018	-	-	-	-
10/1/2019	-	-	-	-
10/1/2020	-	-	-	-
10/1/2021	-	-	-	-
10/1/2022	-	-	-	-
10/1/2023	-	-	-	-
10/1/2024	-	-	-	-
10/1/2025	-	-	-	-
10/1/2026	-	-	-	-

10/1/2027	-	-	-	-
10/1/2028	-	-	-	-
10/1/2029	-	-	-	-
10/1/2030	-	-	-	-
10/1/2031	-	-	-	-
10/1/2032	-	-	-	-
10/1/2033	-	-	-	-
10/1/2034	-	-	-	-
10/1/2035	-	-	-	-
10/1/2036	-	-	-	-
10/1/2037	-	-	-	-
10/1/2038	-	-	-	-
10/1/2039	-	-	-	-
10/1/2040	-	-	-	-
10/1/2041	-	-	-	-
10/1/2042	-	-	-	-
10/1/2043	-	-	-	-
10/1/2044	-	-	-	-
10/1/2045	-	-	-	-
10/1/2046	-	-	-	-
10/1/2047	-	-	-	-
10/1/2048	-	-	-	-
10/1/2049	-	-	-	-
10/1/2050	-	-	-	-
10/1/2051	-	-	-	-
10/1/2052	-	-	-	-
10/1/2053	-	-	-	-
10/1/2054	-	-	-	-
10/1/2055	-	-	-	-
10/1/2056	-	-	-	-
10/1/2057	-	-	-	-
10/1/2058	-	-	-	-
10/1/2059	-	-	-	-
Total	**-**	**-**	**-**	**-**

CIAL PURPOSES ***

2022	2023	2024	2025	2026	2027
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	35,108	1,248,149
-	-	-	-	-	-
-	2,441,518	2,320,547	2,234,481	1,433,379	1,299,697
-	-	-	-	-	-
-	2,646,473	2,425,204	2,333,467	1,495,589	1,354,804
-	-	-	-	-	-
-	2,862,962	2,536,278	2,438,707	1,561,844	1,413,602
-	-	-	-	-	-
4,461,755	3,516,527	2,654,215	2,550,400	1,632,282	1,476,225
-	-	-	-	-	-
4,682,612	3,687,078	2,780,291	2,668,993	1,707,041	1,542,803
-	-	-	-	-	-
4,919,083	3,869,590	2,915,134	2,795,771	1,786,418	1,613,463
-	-	-	-	-	-
5,172,416	4,065,004	3,059,433	2,931,366	1,871,273	1,688,489
-	-	-	-	-	-
5,443,968	4,274,351	3,213,935	3,076,469	1,962,029	1,768,693
-	-	-	-	-	-
5,735,220	4,498,755	3,379,453	3,231,830	2,059,150	1,854,474
-	-	-	-	-	-
6,047,790	4,739,438	3,556,874	3,398,269	2,163,137	1,946,271
-	-	-	-	-	-
6,383,442	4,997,738	3,747,166	3,576,679	2,274,538	2,044,557
-	-	-	-	-	-
-	12,019,218	3,951,388	3,768,030	2,393,953	2,149,851
-	-	-	-	-	-
-	-	16,868,993	3,973,389	2,522,028	2,262,719
-	-	-	-	-	-
-	-	-	22,016,003	2,659,479	2,383,774
-	-	-	-	-	-
-	-	-	-	########	2,513,690
-	-	-	-	-	-
-	-	-	-	-	########
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
1,141,176	-	-	-	-	-
1,141,176	-	-	-	-	-
1,141,176	1,404,272	-	-	-	-
1,141,176	1,404,272	-	-	-	-
1,141,176	1,404,272	1,401,620	-	-	-
1,141,176	1,404,272	1,401,620	-	-	-
1,141,176	1,404,272	1,401,620	1,601,668	-	-
1,141,176	1,404,272	1,401,620	1,601,668	-	-
1,141,176	1,404,272	1,401,620	1,601,668	1,423,987	-
1,141,176	1,404,272	1,401,620	1,601,668	1,423,987	-
1,141,176	1,404,272	1,401,620	1,601,668	1,423,987	1,555,477

1,141,176	1,286,831	1,293,755	1,499,554	1,359,011	1,472,750
1,141,176	1,286,831	1,293,755	1,499,554	1,359,011	1,472,750
1,141,176	1,218,835	1,234,786	1,443,708	1,323,791	1,441,439
1,141,176	1,218,835	1,234,786	1,443,708	1,323,791	1,441,439
1,030,748	1,133,559	1,171,748	1,384,411	1,286,412	1,408,150
1,030,748	1,133,559	1,171,748	1,384,411	1,286,412	1,408,150
912,512	1,042,304	1,104,326	1,321,022	1,246,723	1,372,820
912,512	1,042,304	1,104,326	1,321,022	1,246,723	1,372,820
785,845	944,597	1,032,177	1,253,225	1,204,296	1,335,307
785,845	944,597	1,032,177	1,253,225	1,204,296	1,335,307
650,069	839,923	954,926	1,180,674	1,158,918	1,295,205
650,069	839,923	954,926	1,180,674	1,158,918	1,295,205
504,443	727,722	872,167	1,102,993	1,110,357	1,252,314
504,443	727,722	872,167	1,102,993	1,110,357	1,252,314
348,158	607,380	783,457	1,019,773	1,058,364	1,206,416
348,158	607,380	783,457	1,019,773	1,058,364	1,206,416
180,332	478,230	688,310	930,569	1,002,663	1,157,273
180,332	478,230	688,310	930,569	1,002,663	1,157,273
-	339,543	586,200	834,892	942,956	1,104,626
-	339,543	586,200	834,892	942,956	1,104,626
-	-	476,549	732,214	878,918	1,048,192
-	-	476,549	732,214	878,918	1,048,192
-	-	-	621,952	810,193	987,664
-	-	-	621,952	810,193	987,664
-	-	-	-	736,392	922,706
-	-	-	-	736,392	922,706
-	-	-	-	-	852,951
-	-	-	-	-	852,951
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

2022	2023	2024	2025	2026	2027
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

2028	2029	2030	2031	2032	2033
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
989,678	579,964	719,312	132,124	-	385,962
-	-	-	-	-	-
1,029,364	602,525	746,358	136,894	-	398,042
-	-	-	-	-	-
1,071,877	626,685	775,393	142,041	-	411,495
-	-	-	-	-	-
1,117,324	652,568	806,486	147,566	-	426,351
-	-	-	-	-	-
1,165,817	680,236	839,794	153,484	-	442,381
-	-	-	-	-	-
1,217,462	709,759	875,400	159,823	-	459,590
-	-	-	-	-	-
1,272,370	741,201	913,393	166,599	-	478,020
-	-	-	-	-	-
1,330,644	774,630	953,856	173,830	-	497,761
-	-	-	-	-	-
1,392,519	810,107	996,875	181,531	-	518,866
-	-	-	-	-	-
1,458,663	847,778	1,042,532	189,717	-	541,386
-	-	-	-	-	-
1,529,408	888,048	1,091,009	198,407	-	565,368
-	-	-	-	-	-
1,605,115	931,117	1,142,833	207,632	-	590,867
-	-	-	-	-	-
1,686,173	977,208	1,198,260	217,495	-	617,928
-	-	-	-	-	-
1,773,011	1,026,557	1,257,574	228,043	-	646,662
-	-	-	-	-	-
1,866,094	1,079,425	1,321,081	239,332	-	677,378
-	-	-	-	-	-
1,965,930	1,136,095	1,389,116	251,418	-	710,232
-	-	-	-	-	-
2,073,073	1,196,875	1,462,046	264,366	-	745,388
-	-	-	-	-	-
########	1,262,106	1,540,265	278,245	-	783,030
-	-	-	-	-	-
-	37,345,071	1,624,209	293,132	-	823,356
-	-	-	-	-	-
-	-	41,169,421	309,106	-	866,583

-	-	-	-	-	-
-	-	-	43,821,755	-	912,945
-	-	-	-	-	-
-	-	-	-	46,296,234	964,150
-	-	-	-	-	-
-	-	-	-	-	49,929,632
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
1,562,183	-	-	-	-	-
1,562,183	-	-	-	-	-
1,562,183	1,431,092	-	-	-	-
1,562,183	1,431,092	-	-	-	-
1,562,183	1,431,092	1,660,556	-	-	-
1,562,183	1,431,092	1,660,556	-	-	-
1,562,183	1,431,092	1,660,556	1,335,034	-	-
1,562,183	1,431,092	1,660,556	1,335,034	-	-
1,562,183	1,431,092	1,660,556	1,335,034	1,307,869	-
1,562,183	1,431,092	1,660,556	1,335,034	1,307,869	-
1,562,183	1,431,092	1,660,556	1,335,034	1,307,869	1,725,637

1,498,360	1,394,790	1,616,970	1,327,312	1,307,869	1,705,442
1,498,360	1,394,790	1,616,970	1,327,312	1,307,869	1,705,442
1,474,114	1,380,956	1,600,316	1,324,354	1,307,869	1,697,427
1,474,114	1,380,956	1,600,316	1,324,354	1,307,869	1,697,427
1,448,291	1,366,195	1,582,512	1,321,184	1,307,869	1,688,822
1,448,291	1,366,195	1,582,512	1,321,184	1,307,869	1,688,822
1,420,837	1,350,473	1,563,516	1,317,796	1,307,869	1,679,608
1,420,837	1,350,473	1,563,516	1,317,796	1,307,869	1,679,608
1,391,700	1,333,759	1,543,285	1,314,181	1,307,869	1,669,737
1,391,700	1,333,759	1,543,285	1,314,181	1,307,869	1,669,737
1,360,763	1,316,020	1,521,775	1,310,331	1,307,869	1,659,184
1,360,763	1,316,020	1,521,775	1,310,331	1,307,869	1,659,184
1,327,690	1,297,185	1,498,947	1,306,237	1,307,869	1,647,925
1,327,690	1,297,185	1,498,947	1,306,237	1,307,869	1,647,925
1,292,318	1,277,051	1,474,708	1,301,892	1,307,869	1,635,933
1,292,318	1,277,051	1,474,708	1,301,892	1,307,869	1,635,933
1,254,465	1,255,515	1,448,796	1,297,280	1,307,869	1,623,184
1,254,465	1,255,515	1,448,796	1,297,280	1,307,869	1,623,184
1,213,936	1,232,470	1,421,083	1,292,348	1,307,869	1,609,653
1,213,936	1,232,470	1,421,083	1,292,348	1,307,869	1,609,653
1,170,517	1,207,796	1,391,426	1,287,074	1,307,869	1,595,286
1,170,517	1,207,796	1,391,426	1,287,074	1,307,869	1,595,286
1,123,975	1,181,362	1,359,672	1,281,430	1,307,869	1,579,928
1,123,975	1,181,362	1,359,672	1,281,430	1,307,869	1,579,928
1,074,057	1,153,027	1,325,654	1,275,387	1,307,869	1,563,502
1,074,057	1,153,027	1,325,654	1,275,387	1,307,869	1,563,502
1,020,486	1,122,637	1,289,190	1,268,913	1,307,869	1,545,923
1,020,486	1,122,637	1,289,190	1,268,913	1,307,869	1,545,923
962,958	1,090,022	1,250,080	1,261,973	1,307,869	1,527,102
962,958	1,090,022	1,250,080	1,261,973	1,307,869	1,527,102
-	1,054,998	1,208,108	1,254,530	1,307,869	1,506,939
-	1,054,998	1,208,108	1,254,530	1,307,869	1,506,939
-	-	1,163,036	1,246,542	1,307,869	1,485,326
-	-	1,163,036	1,246,542	1,307,869	1,485,326
-	-	-	1,237,965	1,307,869	1,462,145
-	-	-	1,237,965	1,307,869	1,462,145
-	-	-	-	1,307,869	1,437,267
-	-	-	-	1,307,869	1,437,267
-	-	-	-	-	1,410,512
-	-	-	-	-	1,410,512
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

2028	2029	2030	2031	2032	2033
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

2034	2035	2036	2037	2038	2039
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	281,425	185,813	-
-	-	-	-	-	-
76,584	180,274	144,135	1,298,751	187,430	-
-	-	-	-	-	-
78,790	184,799	147,018	1,319,401	189,754	-
-	-	-	-	-	-
81,256	190,122	150,707	1,345,789	192,772	-
-	-	-	-	-	-
84,002	196,072	155,049	1,379,568	196,627	-
-	-	-	-	-	-
87,035	202,699	159,901	1,419,300	201,562	-
-	-	-	-	-	-
90,307	210,017	165,306	1,463,724	207,367	-
-	-	-	-	-	-
93,820	217,914	171,273	1,513,198	213,857	-
-	-	-	-	-	-
97,583	226,390	177,714	1,567,824	221,086	-
-	-	-	-	-	-
101,613	235,469	184,626	1,626,774	229,068	-
-	-	-	-	-	-
105,921	245,194	192,029	1,690,056	237,680	-
-	-	-	-	-	-
110,518	255,591	199,960	1,757,827	246,926	-
-	-	-	-	-	-
115,414	266,683	208,439	1,830,425	256,828	-
-	-	-	-	-	-
120,619	278,497	217,485	1,908,036	267,434	-
-	-	-	-	-	-
126,144	291,057	227,119	1,990,845	278,774	-
-	-	-	-	-	-
132,010	304,387	237,363	2,079,038	290,873	-
-	-	-	-	-	-
138,280	318,541	248,234	2,172,803	303,759	-
-	-	-	-	-	-
144,986	333,672	259,777	2,272,318	317,458	-
-	-	-	-	-	-
152,163	349,855	272,116	2,377,981	331,997	-
-	-	-	-	-	-
159,847	367,173	285,314	2,490,934	347,436	-
-	-	-	-	-	-
168,079	385,715	299,437	2,611,745	363,939	-

-	-	-	-	-	-
176,903	405,580	314,558	2,741,026	381,590	-
-	-	-	-	-	-
186,368	426,873	330,758	2,879,448	400,478	-
-	-	-	-	-	-
196,525	449,710	348,123	3,027,740	420,702	-
-	-	-	-	-	-
52,958,088	474,220	366,747	3,186,696	442,369	-
-	-	-	-	-	-
-	56,450,759	386,735	3,357,184	465,593	-
-	-	-	-	-	-
-	-	60,048,426	3,540,150	490,503	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-

-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

1,557,781	1,746,967	1,822,944	1,178,530	160,304	-
1,557,781	1,746,967	1,822,944	1,178,530	160,304	-
1,556,265	1,743,653	1,820,517	1,158,665	157,836	-
1,556,265	1,743,653	1,820,517	1,158,665	157,836	-
1,554,628	1,739,995	1,817,815	1,136,453	154,934	-
1,554,628	1,739,995	1,817,815	1,136,453	154,934	-
1,552,872	1,736,046	1,814,831	1,111,716	151,688	-
1,552,872	1,736,046	1,814,831	1,111,716	151,688	-
1,550,991	1,731,808	1,811,611	1,084,402	148,074	-
1,550,991	1,731,808	1,811,611	1,084,402	148,074	-
1,548,976	1,727,269	1,808,154	1,054,927	144,084	-
1,548,976	1,727,269	1,808,154	1,054,927	144,084	-
1,546,821	1,722,406	1,804,453	1,023,287	139,777	-
1,546,821	1,722,406	1,804,453	1,023,287	139,777	-
1,544,523	1,717,208	1,800,487	989,401	135,154	-
1,544,523	1,717,208	1,800,487	989,401	135,154	-
1,542,075	1,711,662	1,796,248	953,102	130,203	-
1,542,075	1,711,662	1,796,248	953,102	130,203	-
1,539,472	1,705,755	1,791,725	914,297	124,900	-
1,539,472	1,705,755	1,791,725	914,297	124,900	-
1,536,710	1,699,475	1,786,908	872,892	119,230	-
1,536,710	1,699,475	1,786,908	872,892	119,230	-
1,533,777	1,692,810	1,781,786	828,795	113,181	-
1,533,777	1,692,810	1,781,786	828,795	113,181	-
1,530,642	1,685,733	1,776,351	781,913	106,738	-
1,530,642	1,685,733	1,776,351	781,913	106,738	-
1,527,289	1,678,167	1,770,579	732,156	99,888	-
1,527,289	1,678,167	1,770,579	732,156	99,888	-
1,523,700	1,670,076	1,764,409	679,324	92,619	-
1,523,700	1,670,076	1,764,409	679,324	92,619	-
1,519,858	1,661,417	1,757,811	622,847	84,900	-
1,519,858	1,661,417	1,757,811	622,847	84,900	-
1,515,742	1,652,146	1,750,749	562,442	76,648	-
1,515,742	1,652,146	1,750,749	562,442	76,648	-
1,511,330	1,642,213	1,743,188	497,801	67,823	-
1,511,330	1,642,213	1,743,188	497,801	67,823	-
1,506,598	1,631,567	1,735,088	428,591	58,378	-
1,506,598	1,631,567	1,735,088	428,591	58,378	-
1,501,520	1,620,148	1,726,406	354,445	48,266	-
1,501,520	1,620,148	1,726,406	354,445	48,266	-
1,496,066	1,607,894	1,717,094	274,967	37,433	-
1,496,066	1,607,894	1,717,094	274,967	37,433	-
-	1,594,734	1,707,100	189,722	25,821	-
-	1,594,734	1,707,100	189,722	25,821	-
-	-	1,696,368	98,239	13,366	-
-	-	1,696,368	98,239	13,366	-

-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

2034	2035	2036	2037	2038	2039
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

2040	2041	2042	2043	2044	2045	2046	2047
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

2040	2041	2042	2043	2044	2045	2046	2047
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

Total	BS Dates	Total Outstanding
-	10/1/2018	-
-	4/1/2019	-
-	10/1/2019	-
-	4/1/2020	-
-	10/1/2020	-
-	4/1/2021	-
-	10/1/2021	-
-	4/1/2022	42,846,286
-	10/1/2022	42,846,286
-	4/1/2023	96,464,938
-	10/1/2023	96,464,938
-	4/1/2024	149,873,849
-	10/1/2024	149,873,849
-	4/1/2025	210,867,703
-	10/1/2025	210,867,703
-	4/1/2026	264,491,938
-	10/1/2026	264,491,938
-	4/1/2027	323,246,171
-	10/1/2027	323,246,171
-	4/1/2028	381,877,696
-	10/1/2028	381,877,696
-	4/1/2029	434,745,651
-	10/1/2029	434,745,651
-	4/1/2030	496,610,864
-	10/1/2030	496,610,864
-	4/1/2031	544,503,404
-	10/1/2031	544,503,404
-	4/1/2032	590,799,638
-	10/1/2032	590,799,638
-	4/1/2033	654,193,011
-	10/1/2033	654,193,011
-	4/1/2034	709,975,866
-	10/1/2034	709,975,866
-	4/1/2035	773,423,129
-	10/1/2035	773,423,129
-	4/1/2036	839,321,478
-	10/1/2036	839,321,478
-	4/1/2037	894,451,484
-	10/1/2037	894,451,484

-		4/1/2038	902,321,159
-		10/1/2038	902,321,159
-		4/1/2039	902,321,159
-		10/1/2039	902,321,159
-		4/1/2040	902,321,159
467,238		10/1/2040	902,321,159
-		4/1/2041	901,853,921
5,977,471		10/1/2041	901,853,921
-		4/1/2042	895,876,450
14,562,567		10/1/2042	895,876,450
-		4/1/2043	881,313,883
15,243,674		10/1/2043	881,313,883
-		4/1/2044	866,070,209
15,975,006		10/1/2044	866,070,209
-		4/1/2045	850,095,203
21,643,613		10/1/2045	850,095,203
-		4/1/2046	828,451,590
22,627,573		10/1/2046	828,451,590
-		4/1/2047	805,824,017
23,681,104		10/1/2047	805,824,017
-		4/1/2048	782,142,913
24,809,299		10/1/2048	782,142,913
-		4/1/2049	757,333,614
26,016,893		10/1/2049	757,333,614
-		4/1/2050	731,316,721
27,309,838		10/1/2050	731,316,721
-		4/1/2051	704,006,883
28,694,841		10/1/2051	704,006,883
-		4/1/2052	675,312,042
30,179,473		10/1/2052	675,312,042
-		4/1/2053	645,132,569
31,771,575		10/1/2053	645,132,569
-		4/1/2054	613,360,994
33,472,915		10/1/2054	613,360,994
-		4/1/2055	579,888,079
35,286,237		10/1/2055	579,888,079
-		4/1/2056	544,601,842
37,215,085		10/1/2056	544,601,842
-		4/1/2057	507,386,757
39,262,931		10/1/2057	507,386,757
-		4/1/2058	468,123,826
41,434,761		10/1/2058	468,123,826
-		4/1/2059	426,689,065
43,736,472		10/1/2059	426,689,065
-		4/1/2060	382,952,593
46,174,025		10/1/2060	382,952,593

-		4/1/2061	336,778,568
48,754,357		10/1/2061	336,778,568
-		4/1/2062	288,024,211
51,484,309		10/1/2062	288,024,211
-		4/1/2063	236,539,902
54,372,432		10/1/2063	236,539,902
-		4/1/2064	182,167,470
57,428,120		10/1/2064	182,167,470
-		4/1/2065	124,739,350
60,660,271		10/1/2065	124,739,350
-		4/1/2066	64,079,079
64,079,079		10/1/2066	64,079,079
-		4/1/2067	-
-		10/1/2067	-
-		4/1/2068	-
-		10/1/2068	-
-		4/1/2069	-
-		10/1/2069	-
-		4/1/2070	-
-		10/1/2070	-
-		4/1/2071	-
-		10/1/2071	-
-		4/1/2072	-
-		10/1/2072	-
-		4/1/2073	-
-		10/1/2073	-
-		4/1/2074	-
-		10/1/2074	-
-		4/1/2075	-
-		10/1/2075	-
-		4/1/2076	-
-		10/1/2076	-
-		4/1/2077	-
-		10/1/2077	-

Total		Line of Credit Balance	Interest Expense
-		-	
-		-	
-		-	
-		-	-
-		-	-

-		-	-
-		-	-
-		-	-
-		-	-
1,141,176		-	-
1,141,176		-	-
2,545,448		-	-
2,545,448		-	-
3,947,068		-	-
3,947,068		-	-
5,548,735		-	-
5,548,735		-	-
6,972,722		-	-
6,972,722		-	-
8,528,200		-	-
8,528,200		-	-
10,090,383		-	-
10,090,383		-	-
11,521,475		-	-
11,521,475		-	-
13,182,031		-	-
13,182,031		-	-
14,517,065		-	-
14,517,065		-	-
15,824,933		-	-
15,824,933		-	-
17,550,570		-	-
17,550,570		-	-
19,112,060		-	-
19,112,060		-	-
20,866,926		-	-
20,866,926		-	-
22,695,326		-	-
22,695,326		-	-
23,916,010		-	-
23,916,010		-	-
24,081,721		-	-
24,081,721		-	-
24,081,721		-	-
24,081,721		-	-
24,079,168		-	-
24,079,168		-	-
23,983,284		-	-
23,983,284		-	-
23,689,297		-	-
23,689,297		-	-

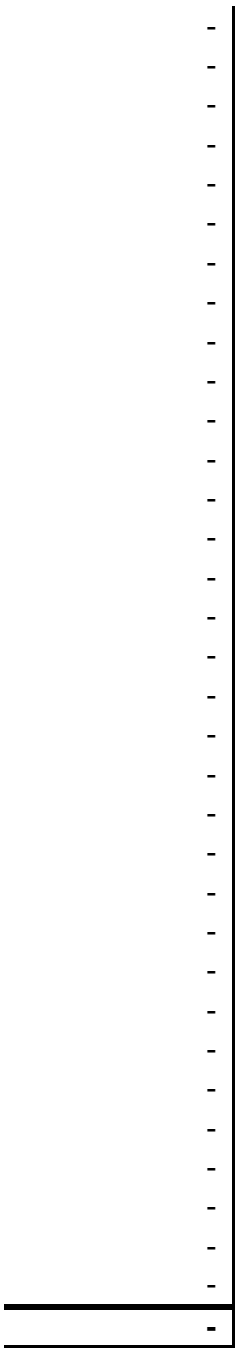
23,370,345		-	-
23,370,345		-	-
23,025,706		-	-
23,025,706		-	-
22,533,726		-	-
22,533,726		-	-
22,006,961		-	-
22,006,961		-	-
21,442,863		-	-
21,442,863		-	-
20,839,066		-	-
20,839,066		-	-
20,192,593		-	-
20,192,593		-	-
19,500,092		-	-
19,500,092		-	-
18,757,776		-	-
18,757,776		-	-
17,961,725		-	-
17,961,725		-	-
17,111,055		-	-
17,111,055		-	-
16,204,394		-	-
16,204,394		-	-
15,239,970		-	-
15,239,970		-	-
14,216,047		-	-
14,216,047		-	-
13,130,132		-	-
13,130,132		-	-
11,979,277		-	-
11,979,277		-	-
10,760,500		-	-
10,760,500		-	-
9,470,334		-	-
9,470,334		-	-
8,105,358		-	-
8,105,358		-	-
6,661,297		-	-
6,661,297		-	-
5,133,453		-	-
5,133,453		-	-
3,517,377		-	-
3,517,377		-	-
1,807,973		-	-
1,807,973		-	-

-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Total
-
-
-
-
-
-
-
-
-
-
-
-
-
-
-
-
-
-
-
-

-
-
-

-
-
-



Amount due within 1 year	Bonds payable less current portion
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	42,846,286
-	42,846,286
-	96,464,938
-	96,464,938
-	149,873,849
-	149,873,849
-	210,867,703
-	210,867,703
-	264,491,938
-	264,491,938
-	323,246,171
-	323,246,171
-	381,877,696
-	381,877,696
-	434,745,651
-	434,745,651
-	496,610,864
-	496,610,864
-	544,503,404
-	544,503,404
-	590,799,638
-	590,799,638
-	654,193,011
-	654,193,011
-	709,975,866
-	709,975,866
-	773,423,129
-	773,423,129
-	839,321,478
-	839,321,478
-	894,451,484
-	894,451,484

-	902,321,159
-	902,321,159
-	902,321,159
-	902,321,159
-	902,321,159
467,238	901,853,921
-	901,853,921
5,977,471	895,876,450
-	895,876,450
14,562,567	881,313,883
-	881,313,883
15,243,674	866,070,209
-	866,070,209
15,975,006	850,095,203
-	850,095,203
21,643,613	828,451,590
-	828,451,590
22,627,573	805,824,017
-	805,824,017
23,681,104	782,142,913
-	782,142,913
24,809,299	757,333,614
-	757,333,614
26,016,893	731,316,721
-	731,316,721
27,309,838	704,006,883
-	704,006,883
28,694,841	675,312,042
-	675,312,042
30,179,473	645,132,569
-	645,132,569
31,771,575	613,360,994
-	613,360,994
33,472,915	579,888,079
-	579,888,079
35,286,237	544,601,842
-	544,601,842
37,215,085	507,386,757
-	507,386,757
39,262,931	468,123,826
-	468,123,826
41,434,761	426,689,065
-	426,689,065
43,736,472	382,952,593
-	382,952,593
46,174,025	336,778,568

-	336,778,568
48,754,357	288,024,211
-	288,024,211
51,484,309	236,539,902
-	236,539,902
54,372,432	182,167,470
-	182,167,470
57,428,120	124,739,350
-	124,739,350
60,660,271	64,079,079
-	64,079,079
64,079,079	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-

MODEL IS BASED ON PSC SYSTEM CAPACITY PLANNING ASSUMPTIONS

*** ASSUMPTIONS AND FORECAST DO NOT REPRESENT A MANAGEMENT CASE FORECAST FOR FINA

	Balance	Months	Years
Scherer 2014A	934,834	252	21
Sub 2009C	56,976	36	3
1993A & B	353,805	12	1
2000A AND 2002C	7,012,461	192	16
(2005B)	876,930	192	16
(2005C)	8,532,913	264	22
(Sub 2005B)	1,969,465	240	20
(2007B)	1,639,349	228	19
2003B	**2,585,464**	251	21
Sub 2001 D Variable	**98,725**	167	14
Sub 2001 D Fixed	**40,258**	35	3
Sub 2005B	**581,746**	251	21
2010D	13,856,883	252	21
2001C	332,688	168	14
Sub 2009D	67,292	12	1
2005 C	**2,649,110**	275	23
2007 A&B	1,200,526	228	19
98A, Sub02A, 02B, 04A	**257,310**	119	10
Sub 2002C	**31,344**	119	10
2009A	314,380	144	12
Sub 2009B	72,197	24	2
2009B	115,862	60	5
2009C	-	12	1
SUB2009E	17,015	12	1
SUB2009G	137,151	48	4
2010A	383,382	156	13
2010B	75,844	156	13
2010C	215,684	168	14
SUB 2010A	-	12	1
SUB 2010B	324,815	96	8
SUB 2010C	155,802	120	10
2012A	969,941	192	16
SUB 2012A	1,063,529	192	16
EL 2012B	2,518,985	264	22
EL SUB 2012B	1,004,334	240	20
SUB 2013A	130,593	156	13
EL 2013A	16,273,613	108	9
EL SUB 2013B	1,559,030	108	9
EL 2013B	**292,680**	253	21
EL SUB 2013C	**2,758,855**	253	21
EL 2013C	**152,306**	131	11
EL SUB 2013D	**1,213,375**	215	18

EL 2014A	432,237	204	17
EL SUB 2014A	1,087,031	204	17
EL 2015A	(414,820)	288	24
EL 2015B	384,374	168	14
EL 2017A	657,578	24	2
EL SUB 2017A	3,528,712	24	2
EL 2017B	6,413,057	264	22
EL SUB 2017B	8,407,473	204	17

Beginning Balance	**93,323,094**

21.08334243	253.0001091

ANCIAL PURPOSES ***

Annual $	Check	2018	2019
44,515.92	(0.18)	44,516	44,516
18,992	-	18,992	18,992
353,805	-	353,805	-
438,279	(0.00)	438,279	438,279
54,808	-	54,808	54,808
387,860	0.44	387,860	387,860
98,473	(0.00)	98,473	98,473
86,282	-	86,282	86,282
123,608	(10,300.66)	123,608	123,608
7,094	(591.17)	7,094	7,094
13,803	(1,150.22)	13,803	13,803
27,813	(2,317.72)	27,813	27,813
659,852	0.27	659,852	659,852
23,763	-	23,763	23,763
67,292	-	67,292	-
115,598	(9,633.75)	115,598	115,598
63,186	(0.88)	63,186	63,186
25,947	(2,162.37)	25,947	25,947
3,161	(263.40)	3,161	3,161
26,198	0.39	26,198	26,198
36,099	0.01	36,099	36,099
23,172	-	23,172	23,172
-	-	-	-
17,015	-	17,015	-
34,288	-	34,288	34,288
29,491	-	29,491	29,491
5,834	(0.12)	5,834	5,834
15,406	-	15,406	15,406
-	-	-	-
40,602	-	40,602	40,602
15,580	(0.29)	15,580	15,580
60,621	(0.00)	60,621	60,621
66,471	-	66,471	66,471
114,499	0.28	114,499	114,499
50,217	1.07	50,217	50,217
10,046	(0.00)	10,046	10,046
1,808,179	(0.26)	1,808,179	1,808,179
173,226	(0.28)	173,226	173,226
13,882	(0.18)	13,882	13,882
130,855	1.19	130,855	130,855
13,952	(1,162.96)	13,952	13,952
67,723	(5,643.60)	67,723	67,723

25,426	-	25,426	25,426
63,943	0.89	63,943	63,943
(17,284)	0.86	(17,284)	(17,284)
27,455	(0.03)	27,455	27,455
328,789	-	328,789	328,789
1,764,356	-	1,764,356	1,764,356
294,853	(0.49)	221,140	294,853
501,939	(0.77)	376,454	501,939
Amortized Amt		8,157,763	7,918,849
	Ending Balance	**85,165,330**	**77,246,481**
		10,906	
		2,747,949	

2020	2021	2022	2023
44,516	44,516	44,516	44,516
18,992	-	-	-
-	-	-	-
438,279	438,279	438,279	438,279
54,808	54,808	54,808	54,808
387,860	387,860	387,860	387,860
98,473	98,473	98,473	98,473
86,282	86,282	86,282	86,282
123,608	123,608	123,608	123,608
7,094	7,094	7,094	7,094
13,803	-	-	-
27,813	27,813	27,813	27,813
659,852	659,852	659,852	659,852
23,763	23,763	23,763	23,763
-	-	-	-
115,598	115,598	115,598	115,598
63,186	63,186	63,186	63,186
25,947	25,947	25,947	25,947
3,161	3,161	3,161	3,161
26,198	26,198	26,198	26,198
-	-	-	-
23,172	23,172	23,172	-
-	-	-	-
-	-	-	-
34,288	34,288	-	-
29,491	29,491	29,491	29,491
5,834	5,834	5,834	5,834
15,406	15,406	15,406	15,406
-	-	-	-
40,602	40,602	40,602	40,602
15,580	15,580	15,580	15,580
60,621	60,621	60,621	60,621
66,471	66,471	66,471	66,471
114,499	114,499	114,499	114,499
50,217	50,217	50,217	50,217
10,046	10,046	10,046	10,046
1,808,179	1,808,179	1,808,179	1,808,179
173,226	173,226	173,226	173,226
13,882	13,882	13,882	13,882
130,855	130,855	130,855	130,855
13,952	13,952	13,952	13,952
67,723	67,723	67,723	67,723

25,426	25,426	25,426	25,426
63,943	63,943	63,943	63,943
(17,284)	(17,284)	(17,284)	(17,284)
27,455	27,455	27,455	27,455
-	-	-	-
-	-	-	-
294,853	294,853	294,853	294,853
501,939	501,939	501,939	501,939
5,789,606	5,756,811	5,722,523	5,699,351
71,456,876	**65,700,065**	**59,977,542**	**54,278,190**

2024	2025	2026	2027
44,516	44,516	44,516	44,516
-	-	-	-
-	-	-	-
438,279	438,279	438,279	438,279
54,808	54,808	54,808	54,808
387,860	387,860	387,860	387,860
98,473	98,473	98,473	98,473
86,282	86,282	86,282	86,282
123,608	123,608	123,608	123,608
7,094	7,094	7,094	7,094
-	-	-	-
27,813	27,813	27,813	27,813
659,852	659,852	659,852	659,852
23,763	23,763	23,763	23,763
-	-	-	-
115,598	115,598	115,598	115,598
63,186	63,186	63,186	63,186
25,947	25,947	25,947	25,947
3,161	3,161	3,161	3,161
26,198	26,198	26,198	26,198
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
29,491	29,491	29,491	29,491
5,834	5,834	5,834	5,834
15,406	15,406	15,406	15,406
-	-	-	-
40,602	40,602	-	-
15,580	15,580	15,580	15,580
60,621	60,621	60,621	60,621
66,471	66,471	66,471	66,471
114,499	114,499	114,499	114,499
50,217	50,217	50,217	50,217
10,046	10,046	10,046	10,046
1,808,179	1,808,179	1,808,179	-
173,226	173,226	173,226	-
13,882	13,882	13,882	13,882
130,855	130,855	130,855	130,855
13,952	13,952	13,952	13,952
67,723	67,723	67,723	67,723

25,426	25,426	25,426	25,426
63,943	63,943	63,943	63,943
(17,284)	(17,284)	(17,284)	(17,284)
27,455	27,455	27,455	27,455
-	-	-	-
-	-	-	-
294,853	294,853	294,853	294,853
501,939	501,939	501,939	501,939
5,699,351	5,699,351	5,658,749	3,677,344
48,578,839	**42,879,488**	**37,220,739**	**33,543,395**

2028	2029	2030	2031
44,516	44,516	44,516	44,516
-	-	-	-
-	-	-	-
438,279	438,279	438,279	438,279
54,808	54,808	54,808	54,808
387,860	387,860	387,860	387,860
98,473	98,473	98,473	98,473
86,282	86,282	86,282	86,282
123,608	123,608	123,608	123,608
7,094	7,094	7,094	7,094
-	-	-	-
27,813	27,813	27,813	27,813
659,852	659,852	659,852	659,852
23,763	23,763	23,763	23,763
-	-	-	-
115,598	115,598	115,598	115,598
63,186	63,186	63,186	63,186
-	-	-	-
-	-	-	-
26,198	26,198	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
29,491	29,491	29,491	-
5,834	5,834	5,834	-
15,406	15,406	15,406	15,406
-	-	-	-
-	-	-	-
-	-	-	-
60,621	60,621	60,621	60,621
66,471	66,471	66,471	66,471
114,499	114,499	114,499	114,499
50,217	50,217	50,217	50,217
10,046	10,046	10,046	-
-	-	-	-
-	-	-	-
13,882	13,882	13,882	13,882
130,855	130,855	130,855	130,855
13,952	-	-	-
67,723	67,723	67,723	67,723

25,426	25,426	25,426	25,426
63,943	63,943	63,943	63,943
(17,284)	(17,284)	(17,284)	(17,284)
27,455	27,455	27,455	27,455
-	-	-	-
-	-	-	-
294,853	294,853	294,853	294,853
501,939	501,939	501,939	501,939
3,632,656	3,618,705	3,592,506	3,547,136
29,910,739	**26,292,034**	**22,699,528**	**19,152,392**

2032	2033	2034	2035
44,516	44,516	44,516	44,516
-	-	-	-
-	-	-	-
438,279	438,279	-	-
54,808	54,808	-	-
387,860	387,860	387,860	387,860
98,473	98,473	98,473	98,473
86,282	86,282	86,282	86,282
123,608	123,608	123,608	123,608
-	-	-	-
-	-	-	-
27,813	27,813	27,813	27,813
659,852	659,852	659,852	659,852
-	-	-	-
-	-	-	-
115,598	115,598	115,598	115,598
63,186	63,186	63,186	63,186
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
60,621	60,621	-	-
66,471	66,471	-	-
114,499	114,499	114,499	114,499
50,217	50,217	50,217	50,217
-	-	-	-
-	-	-	-
-	-	-	-
13,882	13,882	13,882	13,882
130,855	130,855	130,855	130,855
-	-	-	-
67,723	67,723	67,723	67,723

25,426	25,426	25,426	-
63,943	63,943	63,943	-
(17,284)	(17,284)	(17,284)	(17,284)
-	-	-	-
-	-	-	-
-	-	-	-
294,853	294,853	294,853	294,853
501,939	501,939	501,939	-
3,473,417	3,473,417	2,853,238	2,261,931
15,678,975	**12,205,559**	**9,352,321**	**7,090,390**

2036	2037	2038	2039
44,516	44,516	44,516	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
387,860	387,860	387,860	387,860
98,473	98,473	-	-
86,282	-	-	-
123,608	123,608	123,608	-
-	-	-	-
-	-	-	-
27,813	27,813	27,813	-
659,852	659,852	659,852	-
-	-	-	-
-	-	-	-
115,598	115,598	115,598	115,598
63,186	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
114,499	114,499	114,499	114,499
50,217	50,217	-	-
-	-	-	-
-	-	-	-
-	-	-	-
13,882	13,882	13,882	1,157
130,855	130,855	130,855	10,905
-	-	-	-
-	-	-	-

-	-	-	-
-	-	-	-
(17,284)	(17,284)	(17,284)	(17,284)
-	-	-	-
-	-	-	-
-	-	-	-
294,853	294,853	294,853	294,853
-	-	-	-
2,194,207	2,044,740	1,896,050	907,587
4,896,183	**2,851,442**	**955,392**	**47,805**

2040	2041	2042	2043
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
115,598	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-			-
-			-
-			-
-			-
-			-
-			-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

-	-	-	-
-	-	-	-
(17,284)	(17,284)	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
98,313	(17,284)	-	-
(50,508)	**(33,224)**	**(33,224)**	**(33,224)**

2044	2045	2046	2047
-	-	-	-
-	-	-	-
-	-	-	-

-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
(33,224)	**(33,224)**	**(33,224)**	**(33,224)**

MODEL IS BASED ON PSC SYSTEM CAPACITY PLANNING ASSUMPTIONS
*** ASSUMPTIONS AND FORECAST DO NOT REPRESENT A MANAGEMENT CASE FORECAST FOR FINANCIAL PURPOSES ***

JEA
UNAMORTIZED REFUNDING LOSS - DETAIL

Scherer 2014A (2014A) REFUNDING LOSS

New Debt Maturity = 10/1/2038
Amort Months = 294

		AMORTIZATION	ADJUSTMENTS	ADDITIONS/ DELETIONS	021-189103 BALANCE	YTD Amort	
Sep-17	253				934,834.14		
Oct-17	252	(3,709.66)			931,124.48	(3,709.66)	
Nov-17	251	(3,709.66)			927,414.82	(7,419.32)	
Dec-17	250	(3,709.66)			923,705.16	(11,128.98)	
Jan-18	249	(3,709.66)			919,995.50	(14,838.64)	
Feb-18	248	(3,709.66)			916,285.84	(18,548.30)	
Mar-18	247	(3,709.66)			912,576.18	(22,257.96)	
Apr-18	246	(3,709.66)			908,866.52	(25,967.62)	
May-18	245	(3,709.66)			905,156.86	(29,677.28)	
Jun-18	244	(3,709.66)			901,447.20	(33,386.94)	
Jul-18	243	(3,709.66)			897,737.54	(37,096.60)	
Aug-18	242	(3,709.66)			894,027.88	(40,806.26)	
Sep-18	241	(3,709.66)			890,318.22	(44,515.92)	(0.18)
		(44,515.92)	-	-		-	

CP SERIES E REFUNDING LOSS (W/2000B BDS)

		AMORTIZATION	ADJUSTMENTS	ADDITIONS/ DELETIONS	021-189105 BALANCE	YTD Amort	
Sep-17	0				-		
Oct-17					-	-	
Nov-17					-	-	
Dec-17					-	-	
Jan-18					-	-	
Feb-18					-	-	
Mar-18					-	-	
Apr-18					-	-	
May-18					-	-	
Jun-18					-	-	
Jul-18					-	-	
Aug-18					-	-	
Sep-18					-	-	-
		-	-	-		-	

Sub 2009C (Sub 2001B) REFUNDING LOSS

Issued 4/23/09
New Debt Maturity = 10/1/2020
Amort Months = 137

		AMORTIZATION	ADJUSTMENTS	ADDITIONS/ DELETIONS	021-189106 BALANCE	YTD Amort	
Sep-17	37				56,975.94		
Oct-17	36	(1,582.67)			55,393.27	(1,582.67)	
Nov-17	35	(1,582.66)			53,810.61	(3,165.33)	
Dec-17	34	(1,582.67)			52,227.94	(4,748.00)	
Jan-18	33	(1,582.66)			50,645.28	(6,330.66)	
Feb-18	32	(1,582.67)			49,062.61	(7,913.33)	
Mar-18	31	(1,582.66)			47,479.95	(9,495.99)	
Apr-18	30	(1,582.67)			45,897.28	(11,078.66)	
May-18	29	(1,582.66)			44,314.62	(12,661.32)	
Jun-18	28	(1,582.67)			42,731.95	(14,243.99)	
Jul-18	27	(1,582.66)			41,149.29	(15,826.65)	
Aug-18	26	(1,582.67)			39,566.62	(17,409.32)	
Sep-18	25	(1,582.66)			37,983.96	(18,991.98)	0.12
		(18,991.98)	-	-		-	

S3 1998A/2000B REFUNDING LOSS (W/ S3 2001B)

Amortize over
remaining life
of the S3 2000B
Bonds

Refunded 9.4% of S3 2001B bonds on 1/12/05
-
Refunded 0.6% of S3 2001B bonds on 1/27/05
-

			AMORTIZATION	ADJUSTMENTS	ADDITIONS/ DELETIONS	021-189107 BALANCE	YTD Amort	
Sep-17						-		
Oct-17						-	-	
Nov-17						-	-	
Dec-17						-	-	
Jan-18						-	-	
Feb-18						-	-	
Mar-18						-	-	
Apr-18						-	-	
May-18						-	-	
Jun-18						-	-	
Jul-18						-	-	
Aug-18						-	-	
Sep-18						-	-	-
			-	-	-		-	

JEA

UNAMORTIZED REFUNDING LOSS - DETAIL

Sub 2000 Ser C REFUNDING LOSS (W/Sub 2001A)

Amortize over remaining life of the Sub 2001A Bonds

			AMORTIZATION	ADJUSTMENTS	ADDITIONS/ DELETIONS	021-189108 BALANCE	YTD Amort	
Sep-17						-		
Oct-17						-	-	
Nov-17						-	-	
Dec-17						-	-	
Jan-18						-	-	
Feb-18						-	-	
Mar-18						-	-	
Apr-18						-	-	
May-18						-	-	
Jun-18						-	-	
Jul-18						-	-	
Aug-18						-	-	
Sep-18						-	-	-
			-	-	-		-	

1993A & B REFUNDING LOSS (W/ 2002B & Sub 2002B)

Amortized loss by the combined life the refunding bonds

193 months

			AMORTIZATION	ADJUSTMENTS	ADDITIONS/ DELETIONS	021-189109 BALANCE	YTD Amort	
Sep-17		13				353,805.18		
Oct-17		12	(29,483.77)			324,321.41	(29,483.77)	
Nov-17		11	(29,483.76)			294,837.65	(58,967.53)	
Dec-17		10	(29,483.77)			265,353.88	(88,451.30)	
Jan-18		9	(29,483.76)			235,870.12	(117,935.06)	
Feb-18		8	(29,483.77)			206,386.35	(147,418.83)	
Mar-18		7	(29,483.76)			176,902.59	(176,902.59)	
Apr-18		6	(29,483.76)			147,418.83	(206,386.35)	
May-18		5	(29,483.77)			117,935.06	(235,870.12)	
Jun-18		4	(29,483.76)			88,451.30	(265,353.88)	
Jul-18		3	(29,483.77)			58,967.53	(294,837.65)	
Aug-18		2	(29,483.76)			29,483.77	(324,321.41)	
Sep-18		1	(29,483.77)			(0.00)	(353,805.18)	(0.00)
			(353,805.18)	-	-		-	

2000A AND 2002C REFUNDING LOSS (W/ 2003B)

18-Sep-03

Amortize over the life of the 2003B refunding bonds with a 10/1/33 maturity. The refunded bonds final final maturity was 10/1/35

Amortization to Start 10/1/03 and end on 9/30/33 360 months

			AMORTIZATION	ADJUSTMENTS	ADDITIONS/ DELETIONS	021-189110 BALANCE	YTD Amort	
Sep-17		193				7,012,461.12		
Oct-17		192	(36,523.24)			6,975,937.88	(36,523.24)	
Nov-17		191	(36,523.23)			6,939,414.65	(73,046.47)	
Dec-17		190	(36,523.23)			6,902,891.42	(109,569.70)	
Jan-18		189	(36,523.24)			6,866,368.18	(146,092.94)	
Feb-18		188	(36,523.23)			6,829,844.95	(182,616.17)	
Mar-18		187	(36,523.24)			6,793,321.71	(219,139.41)	
Apr-18		186	(36,523.23)			6,756,798.48	(255,662.64)	
May-18		185	(36,523.24)			6,720,275.24	(292,185.88)	
Jun-18		184	(36,523.23)			6,683,752.01	(328,709.11)	
Jul-18		183	(36,523.24)			6,647,228.77	(365,232.35)	
Aug-18		182	(36,523.23)			6,610,705.54	(401,755.58)	
Sep-18		181	(36,523.24)			6,574,182.30	(438,278.82)	(0.90)
			(438,278.82)	-	-		-	

Sub 2000D REFUNDING LOSS (W/ Sub 2002C)

Amortize over remaining life of the Sub 2000D Bonds 109 months

This is also the remaining life of the sub 2000D refunded bonds

			AMORTIZATION	ADJUSTMENTS	ADDITIONS/ DELETIONS	021-189111 BALANCE	YTD Amort	
Sep-17		0				-		
Oct-17						-	-	
Nov-17						-	-	
Dec-17						-	-	
Jan-18						-	-	
Feb-18						-	-	
Mar-18						-	-	
Apr-18						-	-	
May-18						-	-	
Jun-18						-	-	
Jul-18						-	-	
Aug-18						-	-	
Sep-18						-	-	-
			-	-	-		-	

JEA

UNAMORTIZED REFUNDING LOSS - DETAIL

(2005B) REFUNDING LOSS

			AMORTIZATION	ADJUSTMENTS	ADDITIONS/ DELETIONS	021-189112 BALANCE	YTD Amort	
Sep-17		193				876,930.24		
Oct-17		192	(4,567.35)			872,362.89	(4,567.35)	
Nov-17		191	(4,567.34)			867,795.55	(9,134.69)	
Dec-17		190	(4,567.35)			863,228.20	(13,702.04)	
Jan-18		189	(4,567.34)			858,660.86	(18,269.38)	
Feb-18		188	(4,567.35)			854,093.51	(22,836.73)	
Mar-18		187	(4,567.34)			849,526.17	(27,404.07)	
Apr-18		186	(4,567.35)			844,958.82	(31,971.42)	
May-18		185	(4,567.34)			840,391.48	(36,538.76)	
Jun-18		184	(4,567.35)			835,824.13	(41,106.11)	
Jul-18		183	(4,567.34)			831,256.79	(45,673.45)	
Aug-18		182	(4,567.35)			826,689.44	(50,240.80)	
Sep-18		181	(4,567.34)			822,122.10	(54,808.14)	0.90
			(54,808.14)	-	-		-	

(2005C) REFUNDING LOSS

			AMORTIZATION	ADJUSTMENTS	ADDITIONS/ DELETIONS	021-189113 BALANCE	YTD Amort	
Sep-17		265				8,532,913.40		
Oct-17		264	(32,321.64)			8,500,591.76	(32,321.64)	
Nov-17		263	(32,321.64)			8,468,270.12	(64,643.28)	
Dec-17		262	(32,321.64)			8,435,948.48	(96,964.92)	
Jan-18		261	(32,321.64)			8,403,626.84	(129,286.56)	
Feb-18		260	(32,321.64)			8,371,305.20	(161,608.20)	
Mar-18		259	(32,321.64)			8,338,983.56	(193,929.84)	
Apr-18		258	(32,321.64)			8,306,661.92	(226,251.48)	
May-18		257	(32,321.64)			8,274,340.28	(258,573.12)	
Jun-18		256	(32,321.64)			8,242,018.64	(290,894.76)	
Jul-18		255	(32,321.64)			8,209,697.00	(323,216.40)	
Aug-18		254	(32,321.64)			8,177,375.36	(355,538.04)	
Sep-18		253	(32,321.64)			8,145,053.72	(387,859.68)	0.44
			(387,859.68)	-	-		-	

(Sub 2005B) REFUNDING LOSS

			AMORTIZATION	ADJUSTMENTS	ADDITIONS/ DELETIONS	021-189114 BALANCE	YTD Amort	
Sep-17		241				1,969,465.20		
Oct-17		240	(8,206.10)			1,961,259.10	(8,206.10)	
Nov-17		239	(8,206.11)			1,953,052.99	(16,412.21)	
Dec-17		238	(8,206.10)			1,944,846.89	(24,618.31)	
Jan-18		237	(8,206.11)			1,936,640.78	(32,824.42)	
Feb-18		236	(8,206.10)			1,928,434.68	(41,030.52)	
Mar-18		235	(8,206.11)			1,920,228.57	(49,236.63)	
Apr-18		234	(8,206.10)			1,912,022.47	(57,442.73)	
May-18		233	(8,206.11)			1,903,816.36	(65,648.84)	
Jun-18		232	(8,206.10)			1,895,610.26	(73,854.94)	
Jul-18		231	(8,206.11)			1,887,404.15	(82,061.05)	
Aug-18		230	(8,206.10)			1,879,198.05	(90,267.15)	
Sep-18		229	(8,206.11)			1,870,991.94	(98,473.26)	(1.14)
			(98,473.26)	-	-		-	

(2007B) REFUNDING LOSS

			AMORTIZATION	ADJUSTMENTS	ADDITIONS/ DELETIONS	021-189117 BALANCE	YTD Amort	
Sep-17		229				1,639,348.50		
Oct-17		228	(7,190.13)			1,632,158.37	(7,190.13)	
Nov-17		227	(7,190.12)			1,624,968.25	(14,380.25)	
Dec-17		226	(7,190.13)			1,617,778.12	(21,570.38)	
Jan-18		225	(7,190.12)			1,610,588.00	(28,760.50)	
Feb-18		224	(7,190.13)			1,603,397.87	(35,950.63)	
Mar-18		223	(7,190.12)			1,596,207.75	(43,140.75)	
Apr-18		222	(7,190.13)			1,589,017.62	(50,330.88)	
May-18		221	(7,190.12)			1,581,827.50	(57,521.00)	
Jun-18		220	(7,190.13)			1,574,637.37	(64,711.13)	
Jul-18		219	(7,190.12)			1,567,447.25	(71,901.25)	
Aug-18		218	(7,190.13)			1,560,257.12	(79,091.38)	
Sep-18		217	(7,190.12)			1,553,067.00	(86,281.50)	1.08
			(86,281.50)	-	-		-	

JEA

UNAMORTIZED REFUNDING LOSS - DETAIL

2003B REFUNDING LOSS (2008C)

Final Maturity 10/1/2038
Amort Months = 365

			AMORTIZATION	ADJUSTMENTS	ADDITIONS/ DELETIONS	021-189122 BALANCE	YTD Amort	
Sep-17		252				2,585,464.40		
Oct-17		251	(10,300.65)			2,575,163.75	(10,300.65)	
Nov-17		250	(10,300.66)			2,564,863.09	(20,601.31)	
Dec-17		249	(10,300.65)			2,554,562.44	(30,901.96)	
Jan-18		248	(10,300.66)			2,544,261.78	(41,202.62)	
Feb-18		247	(10,300.65)			2,533,961.13	(51,503.27)	
Mar-18		246	(10,300.66)			2,523,660.47	(61,803.93)	
Apr-18		245	(10,300.65)			2,513,359.82	(72,104.58)	
May-18		244	(10,300.66)			2,503,059.16	(82,405.24)	
Jun-18		243	(10,300.65)			2,492,758.51	(92,705.89)	
Jul-18		242	(10,300.66)			2,482,457.85	(103,006.55)	
Aug-18		241	(10,300.65)			2,472,157.20	(113,307.20)	
Sep-18		240	(10,300.66)			2,461,856.54	(123,607.86)	
			(123,607.86)	-	-		-	

Sub 2001 D Variable REFUNDING LOSS (Sub 2008 B)

Final Maturity 10/1/2031
Amort Months = 281

			AMORTIZATION	ADJUSTMENTS	ADDITIONS/ DELETIONS	021-189123 BALANCE	YTD Amort	
Sep-17		168				98,724.55		
Oct-17		167	(591.16)			98,133.39	(591.16)	
Nov-17		166	(591.17)			97,542.22	(1,182.33)	
Dec-17		165	(591.16)			96,951.06	(1,773.49)	
Jan-18		164	(591.17)			96,359.89	(2,364.66)	
Feb-18		163	(591.16)			95,768.73	(2,955.82)	
Mar-18		162	(591.17)			95,177.56	(3,546.99)	
Apr-18		161	(591.16)			94,586.40	(4,138.15)	
May-18		160	(591.17)			93,995.23	(4,729.32)	
Jun-18		159	(591.16)			93,404.07	(5,320.48)	
Jul-18		158	(591.17)			92,812.90	(5,911.65)	
Aug-18		157	(591.16)			92,221.74	(6,502.81)	
Sep-18		156	(591.17)			91,630.57	(7,093.98)	(0.78)
			(7,093.98)	-	-		-	

Sub 2001 D Fixed REFUNDING LOSS (Sub 2008 C)

Final Maturity 10/1/2020
Amort Months = 149

			AMORTIZATION	ADJUSTMENTS	ADDITIONS/ DELETIONS	021-189127 BALANCE	YTD Amort
Sep-17		36				40,257.52	
Oct-17		35	(1,150.21)			39,107.31	(1,150.21)
Nov-17		34	(1,150.22)			37,957.09	(2,300.43)
Dec-17		33	(1,150.21)			36,806.88	(3,450.64)
Jan-18		32	(1,150.22)			35,656.66	(4,600.86)
Feb-18		31	(1,150.21)			34,506.45	(5,751.07)
Mar-18		30	(1,150.22)			33,356.23	(6,901.29)
Apr-18		29	(1,150.21)			32,206.02	(8,051.50)
May-18		28	(1,150.22)			31,055.80	(9,201.72)
Jun-18		27	(1,150.21)			29,905.59	(10,351.93)
Jul-18		26	(1,150.22)			28,755.37	(11,502.15)
Aug-18		25	(1,150.21)			27,605.16	(12,652.36)
Sep-18		24	(1,150.22)			26,454.94	(13,802.58)
			(13,802.58)	-	-		-

Sub 2005B REFUNDING LOSS (Sub 2008 D)

Final Maturity 10/1/2038
Amort Months = 365

			AMORTIZATION	ADJUSTMENTS	ADDITIONS/ DELETIONS	021-189129 BALANCE	YTD Amort	
Sep-17		252				581,746.46		
Oct-17		251	(2,317.71)			579,428.75	(2,317.71)	
Nov-17		250	(2,317.72)			577,111.03	(4,635.43)	
Dec-17		249	(2,317.71)			574,793.32	(6,953.14)	
Jan-18		248	(2,317.72)			572,475.60	(9,270.86)	
Feb-18		247	(2,317.71)			570,157.89	(11,588.57)	
Mar-18		246	(2,317.72)			567,840.17	(13,906.29)	
Apr-18		245	(2,317.71)			565,522.46	(16,224.00)	
May-18		244	(2,317.72)			563,204.74	(18,541.72)	
Jun-18		243	(2,317.71)			560,887.03	(20,859.43)	
Jul-18		242	(2,317.72)			558,569.31	(23,177.15)	
Aug-18		241	(2,317.71)			556,251.60	(25,494.86)	
Sep-18		240	(2,317.72)			553,933.88	(27,812.58)	(1.20)
			(27,812.58)	-	-		-	

JEA

UNAMORTIZED REFUNDING LOSS - DETAIL

2010D (04A 05A 05D & 08D-2A&B) REFUNDING LOSS Issued Bonds 10/2010

Final Maturity = 10/1/2038
Amort Months = 335
*includes swap termination loss

			AMORTIZATION	ADJUSTMENTS	ADDITIONS/ DELETIONS	021-189132 BALANCE	YTD Amort	
Sep-17		253				13,856,883.03		
Oct-17		252	(54,987.63)			13,801,895.40	(54,987.63)	
Nov-17		251	(54,987.63)			13,746,907.77	(109,975.26)	
Dec-17		250	(54,987.63)			13,691,920.14	(164,962.89)	
Jan-18		249	(54,987.63)			13,636,932.51	(219,950.52)	
Feb-18		248	(54,987.63)			13,581,944.88	(274,938.15)	Escrow rel
Mar-18		247	(54,987.63)			13,526,957.25	(329,925.78)	
Apr-18		246	(54,987.63)			13,471,969.62	(384,913.41)	
May-18		245	(54,987.63)			13,416,981.99	(439,901.04)	
Jun-18		244	(54,987.63)			13,361,994.36	(494,888.67)	
Jul-18		243	(54,987.63)			13,307,006.73	(549,876.30)	
Aug-18		242	(54,987.63)			13,252,019.10	(604,863.93)	
Sep-18		241	(54,987.63)			13,197,031.47	(659,851.56)	0.27
			(659,851.56)	-	-		-	

2001C REFUNDING LOSS (2007A)

Amortize over
shorter of refunding bonds or
refunded bonds
(generally they are the same)

Refunding final maturity 10/1/2031
(Refunded funal maturity 10/1/2031)

			AMORTIZATION	ADJUSTMENTS	ADDITIONS/ DELETIONS	021-189137 BALANCE	YTD Amort	
Sep-17		169				332,687.88		
Oct-17		168	(1,980.29)			330,707.59	(1,980.29)	
Nov-17		167	(1,980.28)			328,727.31	(3,960.57)	
Dec-17		166	(1,980.29)			326,747.02	(5,940.86)	
Jan-18		165	(1,980.28)			324,766.74	(7,921.14)	
Feb-18		164	(1,980.29)			322,786.45	(9,901.43)	
Mar-18		163	(1,980.28)			320,806.17	(11,881.71)	
Apr-18		162	(1,980.29)			318,825.88	(13,862.00)	
May-18		161	(1,980.28)			316,845.60	(15,842.28)	
Jun-18		160	(1,980.29)			314,865.31	(17,822.57)	
Jul-18		159	(1,980.28)			312,885.03	(19,802.85)	
Aug-18		158	(1,980.29)			310,904.74	(21,783.14)	
Sep-18		157	(1,980.28)			308,924.46	(23,763.42)	0.78
			(23,763.42)	-	-		-	

Sub 2009D (Sub01A, Sub01E, Sub02A & Sub02D) REFUNDING LOSS

Issued 6/2009 (paid off 7/2009)
New Debt Maturity = 10/1/2018
Amort Months = 111 (110)

			AMORTIZATION	ADJUSTMENTS	ADDITIONS/ DELETIONS	021-189138 BALANCE	YTD Amort	
Sep-17		13				67,291.74		
Oct-17		12	(5,607.65)			61,684.09	(5,607.65)	
Nov-17		11	(5,607.64)			56,076.45	(11,215.29)	
Dec-17		10	(5,607.65)			50,468.80	(16,822.94)	
Jan-18		9	(5,607.64)			44,861.16	(22,430.58)	
Feb-18		8	(5,607.65)			39,253.51	(28,038.23)	
Mar-18		7	(5,607.64)			33,645.87	(33,645.87)	
Apr-18		6	(5,607.65)			28,038.22	(39,253.52)	
May-18		5	(5,607.64)			22,430.58	(44,861.16)	
Jun-18		4	(5,607.65)			16,822.93	(50,468.81)	
Jul-18		3	(5,607.64)			11,215.29	(56,076.45)	
Aug-18		2	(5,607.64)			5,607.65	(61,684.09)	
Sep-18		1	(5,607.65)			(0.00)	(67,291.74)	(0.00)
			(67,291.74)	-	-		-	

2005 C REFUNDING LOSS (2008 B)

Final Maturity
10/1/2040
Amort Months = 389

			AMORTIZATION	ADJUSTMENTS	ADDITIONS/ DELETIONS	021-189141 BALANCE	YTD Amort	
Sep-17		276				2,649,110.13		
Oct-17		275	(9,633.13)			2,639,477.00	(9,633.13)	
Nov-17		274	(9,633.13)			2,629,843.87	(19,266.26)	
Dec-17		273	(9,633.13)			2,620,210.74	(28,899.39)	
Jan-18		272	(9,633.13)			2,610,577.61	(38,532.52)	
Feb-18		271	(9,633.13)			2,600,944.48	(48,165.65)	
Mar-18		270	(9,633.13)			2,591,311.35	(57,798.78)	
Apr-18		269	(9,633.13)			2,581,678.22	(67,431.91)	
May-18		268	(9,633.13)			2,572,045.09	(77,065.04)	
Jun-18		267	(9,633.13)			2,562,411.96	(86,698.17)	
Jul-18		266	(9,633.13)			2,552,778.83	(96,331.30)	
Aug-18		265	(9,633.13)			2,543,145.70	(105,964.43)	
Sep-18		264	(9,633.13)			2,533,512.57	(115,597.56)	(0.62)
			(115,597.56)	-	-		-	

JEA

UNAMORTIZED REFUNDING LOSS - DETAIL

2007 A&B REFUNDING LOSS (2008 D)

Final Maturity 10/1/2037
Amort Months = 340

			AMORTIZATION	ADJUSTMENTS	ADDITIONS/ DELETIONS	021-189142 BALANCE	YTD Amort
Sep-17		229				1,200,526.28	
Oct-17		228	(5,265.47)			1,195,260.81	(5,265.47)
Nov-17		227	(5,265.47)			1,189,995.34	(10,530.94)
Dec-17		226	(5,265.47)			1,184,729.87	(15,796.41)
Jan-18		225	(5,265.47)			1,179,464.40	(21,061.88)
Feb-18		224	(5,265.47)			1,174,198.93	(26,327.35)
Mar-18		223	(5,265.47)			1,168,933.46	(31,592.82)
Apr-18		222	(5,265.47)			1,163,667.99	(36,858.29)
May-18		221	(5,265.47)			1,158,402.52	(42,123.76)
Jun-18		220	(5,265.47)			1,153,137.05	(47,389.23)
Jul-18		219	(5,265.47)			1,147,871.58	(52,654.70)
Aug-18		218	(5,265.47)			1,142,606.11	(57,920.17)
Sep-18		217	(5,265.47)			1,137,340.64	(63,185.64)
			(63,185.64)	-	-		-

98A, Sub02A, 02B, 04A REFUNDING LOSS (2008 E)

Final Maturity 10/1/2028
Amort Months = 228

			AMORTIZATION	ADJUSTMENTS	ADDITIONS/ DELETIONS	021-189143 BALANCE	YTD Amort	
Sep-17		120				257,310.03		
Oct-17		119	(2,162.27)			255,147.76	(2,162.27)	
Nov-17		118	(2,162.27)			252,985.49	(4,324.54)	
Dec-17		117	(2,162.27)			250,823.22	(6,486.81)	
Jan-18		116	(2,162.27)			248,660.95	(8,649.08)	
Feb-18		115	(2,162.27)			246,498.68	(10,811.35)	
Mar-18		114	(2,162.27)			244,336.41	(12,973.62)	
Apr-18		113	(2,162.27)			242,174.14	(15,135.89)	
May-18		112	(2,162.27)			240,011.87	(17,298.16)	
Jun-18		111	(2,162.27)			237,849.60	(19,460.43)	
Jul-18		110	(2,162.27)			235,687.33	(21,622.70)	
Aug-18		109	(2,162.27)			233,525.06	(23,784.97)	
Sep-18		108	(2,162.27)			231,362.79	(25,947.24)	(0.10)
			(25,947.24)	-	-		-	

Sub 2002C REFUNDING LOSS (Sub 2008 E)

Final Maturity 10/1/2028
Amort Months = 228

			AMORTIZATION	ADJUSTMENTS	ADDITIONS/ DELETIONS	021-189144 BALANCE	YTD Amort
Sep-17		120				31,344.00	
Oct-17		119	(263.39)			31,080.61	(263.39)
Nov-17		118	(263.40)			30,817.21	(526.79)
Dec-17		117	(263.39)			30,553.82	(790.18)
Jan-18		116	(263.40)			30,290.42	(1,053.58)
Feb-18		115	(263.39)			30,027.03	(1,316.97)
Mar-18		114	(263.40)			29,763.63	(1,580.37)
Apr-18		113	(263.39)			29,500.24	(1,843.76)
May-18		112	(263.40)			29,236.84	(2,107.16)
Jun-18		111	(263.39)			28,973.45	(2,370.55)
Jul-18		110	(263.40)			28,710.05	(2,633.95)
Aug-18		109	(263.39)			28,446.66	(2,897.34)
Sep-18		108	(263.40)			28,183.26	(3,160.74)
			(3,160.74)	-	-		-

2009A (2002B & 2008C-4) REFUNDING LOSS

Issued 3/11/09
New Debt Maturity = 10/1/2029
Amort Months = 246

			AMORTIZATION	ADJUSTMENTS	ADDITIONS/ DELETIONS	021-189145 BALANCE	YTD Amort	
Sep-17		145				314,379.75		
Oct-17		144	(2,183.19)			312,196.56	(2,183.19)	
Nov-17		143	(2,183.19)			310,013.37	(4,366.38)	
Dec-17		142	(2,183.19)			307,830.18	(6,549.57)	
Jan-18		141	(2,183.19)			305,646.99	(8,732.76)	
Feb-18		140	(2,183.19)			303,463.80	(10,915.95)	
Mar-18		139	(2,183.19)			301,280.61	(13,099.14)	
Apr-18		138	(2,183.19)			299,097.42	(15,282.33)	
May-18		137	(2,183.19)			296,914.23	(17,465.52)	
Jun-18		136	(2,183.19)			294,731.04	(19,648.71)	
Jul-18		135	(2,183.19)			292,547.85	(21,831.90)	
Aug-18		134	(2,183.19)			290,364.66	(24,015.09)	
Sep-18		133	(2,183.19)			288,181.47	(26,198.28)	0.39
			(26,198.28)	-	-		-	

JEA

UNAMORTIZED REFUNDING LOSS - DETAIL

Sub 2009B (Sub 2008B & Sub 2002C) REFUNDING LOSS

Issued 3/11/09
New Debt Maturity = 10/1/2019
Amort Months = 126

			AMORTIZATION	ADJUSTMENTS	ADDITIONS/ DELETIONS	021-189146 BALANCE	YTD Amort	
30-Sep-17		25				72,197.15		
30-Oct-17		24	(3,008.21)			69,188.94	(3,008.21)	
30-Nov-17		23	(3,008.21)			66,180.73	(6,016.42)	
30-Dec-17		22	(3,008.22)			63,172.51	(9,024.64)	
30-Jan-18		21	(3,008.21)			60,164.30	(12,032.85)	
28-Feb-18		20	(3,008.21)			57,156.09	(15,041.06)	
28-Mar-18		19	(3,008.22)			54,147.87	(18,049.28)	
28-Apr-18		18	(3,008.21)			51,139.66	(21,057.49)	
28-May-18		17	(3,008.22)			48,131.44	(24,065.71)	
28-Jun-18		16	(3,008.21)			45,123.23	(27,073.92)	
28-Jul-18		15	(3,008.22)			42,115.01	(30,082.14)	
28-Aug-18		14	(3,008.21)			39,106.80	(33,090.35)	
28-Sep-18		13	(3,008.22)			36,098.58	(36,098.57)	(0.06)
			(36,098.57)	-	-		-	

2009B (2004A & 2005B) REFUNDING LOSS

Issued Bonds 8/2009
Final Maturity 10/1/2022
Amort Months = 157

			AMORTIZATION	ADJUSTMENTS	ADDITIONS/ DELETIONS	021-189147 BALANCE	YTD Amort	
30-Sep-17		61				115,861.50		
30-Oct-17		60	(1,931.03)			113,930.47	(1,931.03)	
30-Nov-17		59	(1,931.02)			111,999.45	(3,862.05)	
30-Dec-17		58	(1,931.03)			110,068.42	(5,793.08)	
30-Jan-18		57	(1,931.02)			108,137.40	(7,724.10)	
28-Feb-18		56	(1,931.03)			106,206.37	(9,655.13)	
28-Mar-18		55	(1,931.02)			104,275.35	(11,586.15)	
28-Apr-18		54	(1,931.03)			102,344.32	(13,517.18)	
28-May-18		53	(1,931.02)			100,413.30	(15,448.20)	
28-Jun-18		52	(1,931.03)			98,482.27	(17,379.23)	
28-Jul-18		51	(1,931.02)			96,551.25	(19,310.25)	
28-Aug-18		50	(1,931.03)			94,620.22	(21,241.28)	
28-Sep-18		49	(1,931.02)			92,689.20	(23,172.30)	0.24
			(23,172.30)	-	-		-	

2009C (2002B) REFUNDING LOSS

Issued Bonds 8/2009
Final Maturity 10/1/2017
Amort Months = 97

			AMORTIZATION	ADJUSTMENTS	ADDITIONS/ DELETIONS	021-189148 BALANCE	YTD Amort	
30-Sep-17		13				-		
30-Oct-17		12	-			-	-	
30-Nov-17		11	-			-	-	
30-Dec-17		10	-			-	-	
30-Jan-18		9	-			-	-	
28-Feb-18		8	-			-	-	
28-Mar-18		7	-			-	-	
28-Apr-18		6	-			-	-	
28-May-18		5	-			-	-	
28-Jun-18		4	-			-	-	
28-Jul-18		3	-			-	-	
28-Aug-18		2	-			-	-	
28-Sep-18		1	-			-	-	-
			-	-	-		-	

SUB2009E (SUB2002D & SUB2004A) REFUNDING LOSS

Issued Bonds 8/2009
Final Maturity 10/1/2018
Amort Months = 109

			AMORTIZATION	ADJUSTMENTS	ADDITIONS/ DELETIONS	021-189149 BALANCE	YTD Amort
30-Sep-17		13				17,015.46	
30-Oct-17		12	(1,417.96)			15,597.50	(1,417.96)
30-Nov-17		11	(1,417.95)			14,179.55	(2,835.91)
30-Dec-17		10	(1,417.96)			12,761.59	(4,253.87)
30-Jan-18		9	(1,417.95)			11,343.64	(5,671.82)
28-Feb-18		8	(1,417.96)			9,925.68	(7,089.78)
28-Mar-18		7	(1,417.95)			8,507.73	(8,507.73)
28-Apr-18		6	(1,417.96)			7,089.77	(9,925.69)
28-May-18		5	(1,417.95)			5,671.82	(11,343.64)
28-Jun-18		4	(1,417.96)			4,253.86	(12,761.60)
28-Jul-18		3	(1,417.95)			2,835.91	(14,179.55)
28-Aug-18		2	(1,417.96)			1,417.95	(15,597.51)
28-Sep-18		1	(1,417.95)			0.00	(17,015.46)
			(17,015.46)	-	-		-

JEA

UNAMORTIZED REFUNDING LOSS - DETAIL

SUB2009G (SUB2002D & SUB2004A) REFUNDING LOSS

Issued Bonds 12/2009
Final Maturity 10/1/2021
Amort Months = 141

			AMORTIZATION	ADJUSTMENTS	ADDITIONS/ DELETIONS	021-189152 BALANCE	YTD Amort	
30-Sep-17		49				137,150.64		
30-Oct-17		48	(2,857.31)			134,293.33	(2,857.31)	
30-Nov-17		47	(2,857.30)			131,436.03	(5,714.61)	
30-Dec-17		46	(2,857.31)			128,578.72	(8,571.92)	
30-Jan-18		45	(2,857.30)			125,721.42	(11,429.22)	
28-Feb-18		44	(2,857.31)			122,864.11	(14,286.53)	
28-Mar-18		43	(2,857.30)			120,006.81	(17,143.83)	
28-Apr-18		42	(2,857.31)			117,149.50	(20,001.14)	
28-May-18		41	(2,857.30)			114,292.20	(22,858.44)	
28-Jun-18		40	(2,857.31)			111,434.89	(25,715.75)	
28-Jul-18		39	(2,857.30)			108,577.59	(28,573.05)	
28-Aug-18		38	(2,857.31)			105,720.28	(31,430.36)	
28-Sep-18		37	(2,857.30)			102,862.98	(34,287.66)	0.18
			(34,287.66)	-	-		-	

2010A (2003A, 2005A & 2005B) REFUNDING LOSS

Issued Bonds 4/2010
Final Maturity 10/1/2030
Amort Months = 245

			AMORTIZATION	ADJUSTMENTS	ADDITIONS/ DELETIONS	021-189153 BALANCE	YTD Amort	
30-Sep-17		157				383,381.70		
30-Oct-17		156	(2,457.58)			380,924.12	(2,457.58)	
30-Nov-17		155	(2,457.57)			378,466.55	(4,915.15)	
30-Dec-17		154	(2,457.58)			376,008.97	(7,372.73)	
30-Jan-18		153	(2,457.57)			373,551.40	(9,830.30)	
28-Feb-18		152	(2,457.58)			371,093.82	(12,287.88)	
28-Mar-18		151	(2,457.57)			368,636.25	(14,745.45)	
28-Apr-18		150	(2,457.58)			366,178.67	(17,203.03)	
28-May-18		149	(2,457.57)			363,721.10	(19,660.60)	
28-Jun-18		148	(2,457.58)			361,263.52	(22,118.18)	
28-Jul-18		147	(2,457.57)			358,805.95	(24,575.75)	
28-Aug-18		146	(2,457.58)			356,348.37	(27,033.33)	
28-Sep-18		145	(2,457.57)			353,890.80	(29,490.90)	0.72
			(29,490.90)	-	-		-	

2010B (2004A) REFUNDING LOSS

Issued Bonds = 8/2010
Final Maturity = 10/1/2030
Amort Months = 241

			AMORTIZATION	ADJUSTMENTS	ADDITIONS/ DELETIONS	021-189154 BALANCE	YTD Amort	
30-Sep-17		157				75,843.96		
30-Oct-17		156	(486.18)			75,357.78	(486.18)	
30-Nov-17		155	(486.18)			74,871.60	(972.36)	
30-Dec-17		154	(486.18)			74,385.42	(1,458.54)	
30-Jan-18		153	(486.18)			73,899.24	(1,944.72)	
28-Feb-18		152	(486.18)			73,413.06	(2,430.90)	
28-Mar-18		151	(486.18)			72,926.88	(2,917.08)	
28-Apr-18		150	(486.18)			72,440.70	(3,403.26)	
28-May-18		149	(486.18)			71,954.52	(3,889.44)	
28-Jun-18		148	(486.18)			71,468.34	(4,375.62)	
28-Jul-18		147	(486.18)			70,982.16	(4,861.80)	
28-Aug-18		146	(486.18)			70,495.98	(5,347.98)	
28-Sep-18		145	(486.18)			70,009.80	(5,834.16)	(0.12)
			(5,834.16)	-	-	**70,009.80**	-	

2010C (2004A, 2005A, 2005D) REFUNDING LOSS

Issued Bonds 8/2010
Final Maturity = 10/1/2031
Amort Months = 253

			AMORTIZATION	ADJUSTMENTS	ADDITIONS/ DELETIONS	021-189155 BALANCE	YTD Amort	
30-Sep-17		169				215,684.28		
30-Oct-17		168	(1,283.84)			214,400.44	(1,283.84)	
30-Nov-17		167	(1,283.83)			213,116.61	(2,567.67)	
30-Dec-17		166	(1,283.84)			211,832.77	(3,851.51)	
30-Jan-18		165	(1,283.83)			210,548.94	(5,135.34)	
28-Feb-18		164	(1,283.84)			209,265.10	(6,419.18)	Escrow rel
28-Mar-18		163	(1,283.83)			207,981.27	(7,703.01)	
28-Apr-18		162	(1,283.84)			206,697.43	(8,986.85)	
28-May-18		161	(1,283.83)			205,413.60	(10,270.68)	
28-Jun-18		160	(1,283.84)			204,129.76	(11,554.52)	
28-Jul-18		159	(1,283.83)			202,845.93	(12,838.35)	
28-Aug-18		158	(1,283.84)			201,562.09	(14,122.19)	
28-Sep-18		157	(1,283.83)			200,278.26	(15,406.02)	0.78
			(15,406.02)	-	-		-	

JEA

UNAMORTIZED REFUNDING LOSS - DETAIL

SUB 2010A (SUB 2002C) REFUNDING LOSS

Issued Bonds 8/2010
Final Maturity = 10/1/2017
Amort Months = 85

			AMORTIZATION	ADJUSTMENTS	ADDITIONS/ DELETIONS	021-189156 BALANCE	YTD Amort	
30-Sep-17		13				-		
30-Oct-17		12	-			-	-	
30-Nov-17		11	-			-	-	
30-Dec-17		10	-			-	-	
30-Jan-18		9	-			-	-	
28-Feb-18		8	-			-	-	
28-Mar-18		7	-			-	-	
28-Apr-18		6	-			-	-	
28-May-18		5	-			-	-	
28-Jun-18		4	-			-	-	
28-Jul-18		3	-			-	-	
28-Aug-18		2	-			-	-	
28-Sep-18		1	-			-	-	-
			-	-	-		-	

SUB 2010B (SUB02D SUB04A SUB05A SUB05C) REFUNDING LOSS

Issued Bonds 8/2010
Final Maturity = 10/1/2024
Amort Months = 169

SUB05C redeemded 10/1/10

			AMORTIZATION	ADJUSTMENTS	ADDITIONS/ DELETIONS	021-189157 BALANCE	YTD Amort	
30-Sep-17		97				324,814.56		
30-Oct-17		96	(3,383.49)			321,431.07	(3,383.49)	
30-Nov-17		95	(3,383.48)			318,047.59	(6,766.97)	
30-Dec-17		94	(3,383.49)			314,664.10	(10,150.46)	
30-Jan-18		93	(3,383.48)			311,280.62	(13,533.94)	
28-Feb-18		92	(3,383.49)			307,897.13	(16,917.43)	
28-Mar-18		91	(3,383.48)			304,513.65	(20,300.91)	
28-Apr-18		90	(3,383.49)			301,130.16	(23,684.40)	
28-May-18		89	(3,383.48)			297,746.68	(27,067.88)	
28-Jun-18		88	(3,383.49)			294,363.19	(30,451.37)	
28-Jul-18		87	(3,383.48)			290,979.71	(33,834.85)	
28-Aug-18		86	(3,383.49)			287,596.22	(37,218.34)	
28-Sep-18		85	(3,383.48)			284,212.74	(40,601.82)	0.42
			(40,601.82)	-	-		-	

SUB 2010C (03a 05a 05c) REFUNDING LOSS

Issued Bonds 10/2010
Final Maturity = 10/1/2027
Amort Months = 203

			AMORTIZATION	ADJUSTMENTS	ADDITIONS/ DELETIONS	021-189158 BALANCE	YTD Amort	
30-Sep-17		121				155,801.71		
30-Oct-17		120	(1,298.35)			154,503.36	(1,298.35)	
30-Nov-17		119	(1,298.35)			153,205.01	(2,596.70)	
30-Dec-17		118	(1,298.35)			151,906.66	(3,895.05)	
30-Jan-18		117	(1,298.35)			150,608.31	(5,193.40)	
28-Feb-18		116	(1,298.35)			149,309.96	(6,491.75)	
28-Mar-18		115	(1,298.35)			148,011.61	(7,790.10)	
28-Apr-18		114	(1,298.35)			146,713.26	(9,088.45)	
28-May-18		113	(1,298.35)			145,414.91	(10,386.80)	
28-Jun-18		112	(1,298.35)			144,116.56	(11,685.15)	
28-Jul-18		111	(1,298.35)			142,818.21	(12,983.50)	
28-Aug-18		110	(1,298.35)			141,519.86	(14,281.85)	
28-Sep-18		109	(1,298.35)			140,221.51	(15,580.20)	(0.29)
			(15,580.20)	-	-		-	

2012A REFUNDING LOSS

Issued Bonds 2/2012
Final Maturity = 10/1/2033
Amort Months = 259

			AMORT	ADJ	ADDITIONS/ DELETIONS	021-189160 BALANCE	YTD Amort	
30-Sep-17		193				969,940.80		
30-Oct-17		192	(5,051.78)			964,889.02	(5,051.78)	
30-Nov-17		191	(5,051.77)			959,837.25	(10,103.55)	
30-Dec-17		190	(5,051.78)			954,785.47	(15,155.33)	
30-Jan-18		189	(5,051.77)			949,733.70	(20,207.10)	
28-Feb-18		188	(5,051.78)			944,681.92	(25,258.88)	
28-Mar-18		187	(5,051.77)			939,630.15	(30,310.65)	
28-Apr-18		186	(5,051.78)			934,578.37	(35,362.43)	
28-May-18		185	(5,051.77)			929,526.60	(40,414.20)	
28-Jun-18		184	(5,051.78)			924,474.82	(45,465.98)	
28-Jul-18		183	(5,051.77)			919,423.05	(50,517.75)	
28-Aug-18		182	(5,051.78)			914,371.27	(55,569.53)	
28-Sep-18		181	(5,051.77)			909,319.50	(60,621.30)	0.90
			(60,621.30)	-	-		-	

JEA

UNAMORTIZED REFUNDING LOSS - DETAIL

SUB 2012A REFUNDING LOSS
Issued Bonds 2/2012
Final Maturity = 10/1/2033
Amort Months = 259

			AMORT	ADJ	ADDITIONS/ DELETIONS	021-189161 BALANCE	YTD Amort	
30-Sep-17		193				1,063,529.28		
30-Oct-17		192	(5,539.22)			1,057,990.06	(5,539.22)	
30-Nov-17		191	(5,539.21)			1,052,450.85	(11,078.43)	
30-Dec-17		190	(5,539.22)			1,046,911.63	(16,617.65)	
30-Jan-18		189	(5,539.21)			1,041,372.42	(22,156.86)	
28-Feb-18		188	(5,539.22)			1,035,833.20	(27,696.08)	
28-Mar-18		187	(5,539.21)			1,030,293.99	(33,235.29)	
28-Apr-18		186	(5,539.22)			1,024,754.77	(38,774.51)	
28-May-18		185	(5,539.21)			1,019,215.56	(44,313.72)	
28-Jun-18		184	(5,539.22)			1,013,676.34	(49,852.94)	
28-Jul-18		183	(5,539.21)			1,008,137.13	(55,392.15)	
28-Aug-18		182	(5,539.22)			1,002,597.91	(60,931.37)	
28-Sep-18		181	(5,539.21)			997,058.70	(66,470.58)	0.90
			(66,470.58)	-	-		-	

EL 2012B REFUNDING LOSS
Issued Bonds 8/2012
Final Maturity = 10/1/39
Amort Months = 325

			AMORT	ADJ	ADDITIONS/ DELETIONS	021-189162 BALANCE	YTD Amort
30-Sep-17		265				2,518,985.32	
30-Oct-17		264	(9,541.61)			2,509,443.71	(9,541.61)
30-Nov-17		263	(9,541.61)			2,499,902.10	(19,083.22)
30-Dec-17		262	(9,541.61)			2,490,360.49	(28,624.83)
30-Jan-18		261	(9,541.61)			2,480,818.88	(38,166.44)
28-Feb-18		260	(9,541.61)			2,471,277.27	(47,708.05)
28-Mar-18		259	(9,541.61)			2,461,735.66	(57,249.66)
28-Apr-18		258	(9,541.61)			2,452,194.05	(66,791.27)
28-May-18		257	(9,541.61)			2,442,652.44	(76,332.88)
28-Jun-18		256	(9,541.61)			2,433,110.83	(85,874.49)
28-Jul-18		255	(9,541.61)			2,423,569.22	(95,416.10)
28-Aug-18		254	(9,541.61)			2,414,027.61	(104,957.71)
28-Sep-18		253	(9,541.61)			2,404,486.00	(114,499.32)
			(114,499.32)	-	-		-

EL SUB 2012B REFUNDING LOSS
Issued Bonds 8/2012
Final Maturity = 10/1/37
Amort Months = 301

			AMORT	ADJ	ADDITIONS/ DELETIONS	021-189163 BALANCE	YTD Amort
30-Sep-17		241				1,004,333.87	
30-Oct-17		240	(4,184.72)			1,000,149.15	(4,184.72)
30-Nov-17		239	(4,184.72)			995,964.43	(8,369.44)
30-Dec-17		238	(4,184.72)			991,779.71	(12,554.16)
30-Jan-18		237	(4,184.72)			987,594.99	(16,738.88)
28-Feb-18		236	(4,184.72)			983,410.27	(20,923.60)
28-Mar-18		235	(4,184.72)			979,225.55	(25,108.32)
28-Apr-18		234	(4,184.72)			975,040.83	(29,293.04)
28-May-18		233	(4,184.72)			970,856.11	(33,477.76)
28-Jun-18		232	(4,184.72)			966,671.39	(37,662.48)
28-Jul-18		231	(4,184.72)			962,486.67	(41,847.20)
28-Aug-18		230	(4,184.72)			958,301.95	(46,031.92)
28-Sep-18		229	(4,184.72)			954,117.23	(50,216.64)
			(50,216.64)	-	-		-

SUB 2013A REFUNDING LOSS
Issued Bonds 2/2013
Final Maturity = 10/1/2030
Amort Months = 212

			AMORT	ADJ	ADDITIONS/ DELETIONS	021-189164 BALANCE	YTD Amort	
30-Sep-17		157				130,593.06		
30-Oct-17		156	(837.13)			129,755.93	(837.13)	
30-Nov-17		155	(837.14)			128,918.79	(1,674.27)	
30-Dec-17		154	(837.13)			128,081.66	(2,511.40)	
30-Jan-18		153	(837.14)			127,244.52	(3,348.54)	
28-Feb-18		152	(837.13)			126,407.39	(4,185.67)	
28-Mar-18		151	(837.14)			125,570.25	(5,022.81)	
28-Apr-18		150	(837.13)			124,733.12	(5,859.94)	
28-May-18		149	(837.14)			123,895.98	(6,697.08)	
28-Jun-18		148	(837.13)			123,058.85	(7,534.21)	
28-Jul-18		147	(837.14)			122,221.71	(8,371.35)	
28-Aug-18		146	(837.13)			121,384.58	(9,208.48)	
28-Sep-18		145	(837.14)			120,547.44	(10,045.62)	(0.72)
			(10,045.62)	-	-		-	

JEA

UNAMORTIZED REFUNDING LOSS - DETAIL

EL 2013A REFUNDING LOSS
Issued Bonds 2/2013
Final Maturity = 10/1/26
Amort Months = 164

			AMORT	ADJ	ADDITIONS/ DELETIONS	021-189165 BALANCE	YTD Amort	
30-Sep-17		109				16,273,612.54		
30-Oct-17		108	(150,681.60)			16,122,930.94	(150,681.60)	
30-Nov-17		107	(150,681.60)			15,972,249.34	(301,363.20)	
30-Dec-17		106	(150,681.60)			15,821,567.74	(452,044.80)	
30-Jan-18		105	(150,681.60)			15,670,886.14	(602,726.40)	
28-Feb-18		104	(150,681.60)			15,520,204.54	(753,408.00)	
28-Mar-18		103	(150,681.60)			15,369,522.94	(904,089.60)	
28-Apr-18		102	(150,681.60)			15,218,841.34	(1,054,771.20)	
28-May-18		101	(150,681.60)			15,068,159.74	(1,205,452.80)	
28-Jun-18		100	(150,681.60)			14,917,478.14	(1,356,134.40)	
28-Jul-18		99	(150,681.60)			14,766,796.54	(1,506,816.00)	
28-Aug-18		98	(150,681.60)			14,616,114.94	(1,657,497.60)	
28-Sep-18		97	(150,681.60)			14,465,433.34	(1,808,179.20)	(0.26)
			(1,808,179.20)	-	-		-	

EL SUB 2013B REFUNDING LOSS
Issued Bonds 2/2012
Final Maturity = 10/1/26
Amort Months = 164

			AMORT	ADJ	ADDITIONS/ DELETIONS	021-189166 BALANCE	YTD Amort	
30-Sep-17		109				1,559,030.48		
30-Oct-17		108	(14,435.47)			1,544,595.01	(14,435.47)	
30-Nov-17		107	(14,435.47)			1,530,159.54	(28,870.94)	
30-Dec-17		106	(14,435.47)			1,515,724.07	(43,306.41)	
30-Jan-18		105	(14,435.47)			1,501,288.60	(57,741.88)	
28-Feb-18		104	(14,435.47)			1,486,853.13	(72,177.35)	
28-Mar-18		103	(14,435.47)			1,472,417.66	(86,612.82)	
28-Apr-18		102	(14,435.47)			1,457,982.19	(101,048.29)	
28-May-18		101	(14,435.47)			1,443,546.72	(115,483.76)	
28-Jun-18		100	(14,435.47)			1,429,111.25	(129,919.23)	
28-Jul-18		99	(14,435.47)			1,414,675.78	(144,354.70)	
28-Aug-18		98	(14,435.47)			1,400,240.31	(158,790.17)	
28-Sep-18		97	(14,435.47)			1,385,804.84	(173,225.64)	(0.28)
			(173,225.64)	-	-		-	

EL 2013B REFUNDING LOSS
Issued Bonds 5/2013
Final Maturity = 10/1/2038
Amort Months = 305

			AMORT	ADJ	ADDITIONS/ DELETIONS	021-189167 BALANCE	YTD Amort	
30-Sep-17		254				292,680.34		
30-Oct-17		253	(1,156.84)			291,523.50	(1,156.84)	
30-Nov-17		252	(1,156.84)			290,366.66	(2,313.68)	
30-Dec-17		251	(1,156.84)			289,209.82	(3,470.52)	
30-Jan-18		250	(1,156.84)			288,052.98	(4,627.36)	
28-Feb-18		249	(1,156.84)			286,896.14	(5,784.20)	
28-Mar-18		248	(1,156.84)			285,739.30	(6,941.04)	
28-Apr-18		247	(1,156.84)			284,582.46	(8,097.88)	
28-May-18		246	(1,156.84)			283,425.62	(9,254.72)	
28-Jun-18		245	(1,156.84)			282,268.78	(10,411.56)	
28-Jul-18		244	(1,156.84)			281,111.94	(11,568.40)	
28-Aug-18		243	(1,156.84)			279,955.10	(12,725.24)	
28-Sep-18		242	(1,156.84)			278,798.26	(13,882.08)	(0.18)
			(13,882.08)	-	-		-	

EL SUB 2013C REFUNDING LOSS
Issued Bonds 5/2013
Final Maturity = 10/1/2038
Amort Months = 305

			AMORT	ADJ	ADDITIONS/ DELETIONS	021-189168 BALANCE	YTD Amort	
30-Sep-17		254				2,758,854.87		
30-Oct-17		253	(10,904.56)			2,747,950.31	(10,904.56)	
30-Nov-17		252	(10,904.56)			2,737,045.75	(21,809.12)	
30-Dec-17		251	(10,904.56)			2,726,141.19	(32,713.68)	
30-Jan-18		250	(10,904.56)			2,715,236.63	(43,618.24)	
28-Feb-18		249	(10,904.56)			2,704,332.07	(54,522.80)	
28-Mar-18		248	(10,904.56)			2,693,427.51	(65,427.36)	
28-Apr-18		247	(10,904.56)			2,682,522.95	(76,331.92)	
28-May-18		246	(10,904.56)			2,671,618.39	(87,236.48)	
28-Jun-18		245	(10,904.56)			2,660,713.83	(98,141.04)	
28-Jul-18		244	(10,904.56)			2,649,809.27	(109,045.60)	
28-Aug-18		243	(10,904.56)			2,638,904.71	(119,950.16)	
28-Sep-18		242	(10,904.56)			2,628,000.15	(130,854.72)	1.19
			(130,854.72)	-	-		-	

JEA

UNAMORTIZED REFUNDING LOSS - DETAIL

EL 2013C REFUNDING LOSS

Issued Bonds 9/2013
Final Maturity = 10/1/28
Amort Months = 180

			AMORT	ADJ	ADDITIONS/ DELETIONS	021-189169 BALANCE	YTD Amort
30-Sep-17		132				152,305.52	
30-Oct-17		131	(1,162.64)			151,142.88	(1,162.64)
30-Nov-17		130	(1,162.64)			149,980.24	(2,325.28)
30-Dec-17		129	(1,162.64)			148,817.60	(3,487.92)
30-Jan-18		128	(1,162.64)			147,654.96	(4,650.56)
28-Feb-18		127	(1,162.64)			146,492.32	(5,813.20)
28-Mar-18		126	(1,162.64)			145,329.68	(6,975.84)
28-Apr-18		125	(1,162.64)			144,167.04	(8,138.48)
28-May-18		124	(1,162.64)			143,004.40	(9,301.12)
28-Jun-18		123	(1,162.64)			141,841.76	(10,463.76)
28-Jul-18		122	(1,162.64)			140,679.12	(11,626.40)
28-Aug-18		121	(1,162.64)			139,516.48	(12,789.04)
28-Sep-18		120	(1,162.64)			138,353.84	(13,951.68)
			(13,951.68)	-	-		-

EL SUB 2013D REFUNDING LOSS

Issued Bonds 9/2013
Final Maturity = 10/1/35
Amort Months = 264

			AMORT	ADJ	ADDITIONS/ DELETIONS	021-189170 BALANCE	YTD Amort
30-Sep-17		216				1,213,375.08	
30-Oct-17		215	(5,643.61)			1,207,731.47	(5,643.61)
30-Nov-17		214	(5,643.60)			1,202,087.87	(11,287.21)
30-Dec-17		213	(5,643.61)			1,196,444.26	(16,930.82)
30-Jan-18		212	(5,643.60)			1,190,800.66	(22,574.42)
28-Feb-18		211	(5,643.61)			1,185,157.05	(28,218.03)
28-Mar-18		210	(5,643.60)			1,179,513.45	(33,861.63)
28-Apr-18		209	(5,643.61)			1,173,869.84	(39,505.24)
28-May-18		208	(5,643.60)			1,168,226.24	(45,148.84)
28-Jun-18		207	(5,643.61)			1,162,582.63	(50,792.45)
28-Jul-18		206	(5,643.60)			1,156,939.03	(56,436.05)
28-Aug-18		205	(5,643.61)			1,151,295.42	(62,079.66)
28-Sep-18		204	(5,643.60)			1,145,651.82	(67,723.26)
			(67,723.26)	-	-		-

EL 2014A REFUNDING LOSS

Issued Bonds 2/2014
Final Maturity = 10/1/28
Amort Months = 247

			AMORT	ADJ	ADDITIONS/ DELETIONS	021-189171 BALANCE	YTD Amort
30-Sep-17		205				432,237.20	
30-Oct-17		204	(2,118.81)			430,118.39	(2,118.81)
30-Nov-17		203	(2,118.81)			427,999.58	(4,237.62)
30-Dec-17		202	(2,118.81)			425,880.77	(6,356.43)
30-Jan-18		201	(2,118.81)			423,761.96	(8,475.24)
28-Feb-18		200	(2,118.81)			421,643.15	(10,594.05)
28-Mar-18		199	(2,118.81)			419,524.34	(12,712.86)
28-Apr-18		198	(2,118.81)			417,405.53	(14,831.67)
28-May-18		197	(2,118.81)			415,286.72	(16,950.48)
28-Jun-18		196	(2,118.81)			413,167.91	(19,069.29)
28-Jul-18		195	(2,118.81)			411,049.10	(21,188.10)
28-Aug-18		194	(2,118.81)			408,930.29	(23,306.91)
28-Sep-18		193	(2,118.81)			406,811.48	(25,425.72)
			(25,425.72)	-	-		-

EL SUB 2014A REFUNDING LOSS

Issued Bonds 2/2014
Final Maturity = 10/1/35
Amort Months = 247

			AMORT	ADJ	ADDITIONS/ DELETIONS	021-189172 BALANCE	YTD Amort
30-Sep-17		205				1,087,031.21	
30-Oct-17		204	(5,328.58)			1,081,702.63	(5,328.58)
30-Nov-17		203	(5,328.58)			1,076,374.05	(10,657.16)
30-Dec-17		202	(5,328.58)			1,071,045.47	(15,985.74)
30-Jan-18		201	(5,328.58)			1,065,716.89	(21,314.32)
28-Feb-18		200	(5,328.58)			1,060,388.31	(26,642.90)
28-Mar-18		199	(5,328.58)			1,055,059.73	(31,971.48)
28-Apr-18		198	(5,328.58)			1,049,731.15	(37,300.06)
28-May-18		197	(5,328.58)			1,044,402.57	(42,628.64)
28-Jun-18		196	(5,328.58)			1,039,073.99	(47,957.22)
28-Jul-18		195	(5,328.58)			1,033,745.41	(53,285.80)
28-Aug-18		194	(5,328.58)			1,028,416.83	(58,614.38)
28-Sep-18		193	(5,328.58)			1,023,088.25	(63,942.96)
			(63,942.96)	-	-		-

JEA

UNAMORTIZED REFUNDING LOSS - DETAIL

EL 2015A REFUNDING LOSS
Issued Bonds 3/2015
Final Maturity = 10/1/41
Amort Months = 318

			AMORT	ADJ	ADDITIONS/ DELETIONS	021-189173 BALANCE	YTD Amort
30-Sep-17		289				(414,819.94)	
30-Oct-17		288	1,440.35			(413,379.59)	1,440.35
30-Nov-17		287	1,440.35			(411,939.24)	2,880.70
30-Dec-17		286	1,440.35			(410,498.89)	4,321.05
30-Jan-18		285	1,440.35			(409,058.54)	5,761.40
28-Feb-18		284	1,440.35			(407,618.19)	7,201.75
28-Mar-18		283	1,440.35			(406,177.84)	8,642.10
28-Apr-18		282	1,440.35			(404,737.49)	10,082.45
28-May-18		281	1,440.35			(403,297.14)	11,522.80
28-Jun-18		280	1,440.35			(401,856.79)	12,963.15
28-Jul-18		279	1,440.35			(400,416.44)	14,403.50
28-Aug-18		278	1,440.35			(398,976.09)	15,843.85
28-Sep-18		277	1,440.35			(397,535.74)	17,284.20
			17,284.20	-	-		-

EL 2015B REFUNDING LOSS
Issued Bonds 7/2015
Final Maturity = 10/1/31
Amort Months = 194

			AMORT	ADJ	ADDITIONS/ DELETIONS	021-189174 BALANCE	YTD Amort
30-Sep-17		169				384,373.89	
30-Oct-17		168	(2,287.94)			382,085.95	(2,287.94)
30-Nov-17		167	(2,287.94)			379,798.01	(4,575.88)
30-Dec-17		166	(2,287.94)			377,510.07	(6,863.82)
30-Jan-18		165	(2,287.94)			375,222.13	(9,151.76)
28-Feb-18		164	(2,287.94)			372,934.19	(11,439.70)
28-Mar-18		163	(2,287.94)			370,646.25	(13,727.64)
28-Apr-18		162	(2,287.94)			368,358.31	(16,015.58)
28-May-18		161	(2,287.94)			366,070.37	(18,303.52)
28-Jun-18		160	(2,287.94)			363,782.43	(20,591.46)
28-Jul-18		159	(2,287.94)			361,494.49	(22,879.40)
28-Aug-18		158	(2,287.94)			359,206.55	(25,167.34)
28-Sep-18		157	(2,287.94)			356,918.61	(27,455.28)
			(27,455.28)	-	-		-

EL 2017A REFUNDING LOSS
Issued Bonds 2/2017
Final Maturity = 10/1/2019
Amort Months = 31

			AMORT	ADJ	ADDITIONS/ DELETIONS	021-189174 BALANCE	YTD Amort
Sep-17		25				657,578.04	
Oct-17		24	(27,399.09)			630,178.95	(27,399.09)
Nov-17		23	(27,399.08)			602,779.87	(54,798.17)
Dec-17		22	(27,399.09)			575,380.78	(82,197.26)
Jan-18		21	(27,399.08)			547,981.70	(109,596.34)
Feb-18		20	(27,399.09)			520,582.61	(136,995.43)
Mar-18		19	(27,399.08)			493,183.53	(164,394.51)
Apr-18		18	(27,399.09)			465,784.44	(191,793.60)
May-18		17	(27,399.08)			438,385.36	(219,192.68)
Jun-18		16	(27,399.09)			410,986.27	(246,591.77)
Jul-18		15	(27,399.08)			383,587.19	(273,990.85)
Aug-18		14	(27,399.09)			356,188.10	(301,389.94)
Sep-18		13	(27,399.08)			328,789.02	(328,789.02)
			(328,789.02)	-	-		-

EL SUB 2017A REFUNDING LOSS
Issued Bonds 2/2017
Final Maturity = 10/1/2019
Amort Months = 31

			AMORT	ADJ	ADDITIONS/ DELETIONS	021-189174 BALANCE	YTD Amort
Sep-17		25				3,528,711.84	
Oct-17		24	(147,029.66)			3,381,682.18	(147,029.66)
Nov-17		23	(147,029.66)			3,234,652.52	(294,059.32)
Dec-17		22	(147,029.66)			3,087,622.86	(441,088.98)
Jan-18		21	(147,029.66)			2,940,593.20	(588,118.64)
Feb-18		20	(147,029.66)			2,793,563.54	(735,148.30)
Mar-18		19	(147,029.66)			2,646,533.88	(882,177.96)
Apr-18		18	(147,029.66)			2,499,504.22	(1,029,207.62)
May-18		17	(147,029.66)			2,352,474.56	(1,176,237.28)
Jun-18		16	(147,029.66)			2,205,444.90	(1,323,266.94)
Jul-18		15	(147,029.66)			2,058,415.24	(1,470,296.60)
Aug-18		14	(147,029.66)			1,911,385.58	(1,617,326.26)
Sep-18		13	(147,029.66)			1,764,355.92	(1,764,355.92)
			(1,764,355.92)	-	-		-

JEA

UNAMORTIZED REFUNDING LOSS - DETAIL

EL 2017B
REFUNDING LOSS
Issued Bonds 2122017
Final Maturity = 10/1/2039
Amort Months = 261

			AMORT	ADJ	ADDITIONS/ DELETIONS	021-189175 BALANCE	YTD Amort
Sep-17		**265**				-	
Oct-17	10	264	-			-	-
Nov-17	11	263	-			-	-
Dec-17	12	262	-		6,413,056.61	6,413,056.61	-
Jan-18	1	261	(24,571.10)			6,388,485.51	(24,571.10)
Feb-18	2	260	(24,571.10)			6,363,914.41	(49,142.20)
Mar-18	3	259	(24,571.10)			6,339,343.31	(73,713.30)
Apr-18	4	258	(24,571.10)			6,314,772.21	(98,284.40)
May-18	5	257	(24,571.10)			6,290,201.11	(122,855.50)
Jun-18	6	256	(24,571.10)			6,265,630.01	(147,426.60)
Jul-18	7	255	(24,571.10)			6,241,058.91	(171,997.70)
Aug-18	8	254	(24,571.10)			6,216,487.81	(196,568.80)
Sep-18	9	253	(24,571.10)			6,191,916.71	(221,139.90)
			(221,139.90)	**-**	**6,413,056.61**		**-**

EL SUB 2017B
REFUNDING LOSS
Issued Bonds 12/2017
Final Maturity = 10/1/2034
Amort Months = 201

			AMORT	ADJ	ADDITIONS/ DELETIONS	021-189175 BALANCE	YTD Amort
Sep-17		**205**				-	
Oct-17	10	204	-			-	-
Nov-17	11	203	-			-	-
Dec-17	12	202	-		8,407,473.46	8,407,473.46	-
Jan-18	1	201	(41,828.23)			8,365,645.23	(41,828.23)
Feb-18	2	200	(41,828.23)			8,323,817.00	(83,656.46)
Mar-18	3	199	(41,828.23)			8,281,988.77	(125,484.69)
Apr-18	4	198	(41,828.23)			8,240,160.54	(167,312.92)
May-18	5	197	(41,828.23)			8,198,332.31	(209,141.15)
Jun-18	6	196	(41,828.23)			8,156,504.08	(250,969.38)
Jul-18	7	195	(41,828.23)			8,114,675.85	(292,797.61)
Aug-18	8	194	(41,828.23)			8,072,847.62	(334,625.84)
Sep-18	9	193	(41,828.23)			8,031,019.39	(376,454.07)
			(376,454.07)	**-**	**8,407,473.46**		**-**

MODEL IS BASED ON PSC SYSTEM CAPACITY PLANNING ASSUMPTION
*** ASSUMPTIONS AND FORECAST DO NOT REPRESENT A MANAGEMENT CASE FORECAST FOR

Set Scenarios Here

Current Case	Base	Previous Case	IRP

Revenue Requirement Data

IRP CAP0503 FUEL0509 BUD0504

	O&M	Non Fuel Purchased Power	Debt Service	City Contribution
2018	7,876,509	92,791,499	214,051,523	91,471,795
2019	7,977,808	88,766,989	204,004,546	92,386,513
2020	9,283,663	101,676,147	144,047,243	93,310,378
2021	10,602,977	101,603,290	139,397,242	94,243,482
2022	11,950,002	156,783,127	135,508,440	95,185,917
2023	13,324,669	201,934,383	126,752,294	96,137,776
2024	14,720,647	204,117,869	140,104,726	97,099,154
2025	14,720,647	218,188,570	164,233,630	98,070,145
2026	14,720,647	231,647,906	179,472,779	99,050,847
2027	14,720,647	238,891,730	183,029,122	100,041,355
2028	14,720,647	241,863,515	179,096,516	101,041,769
	arrChartOM	arrChartNFPP	arrChartDS	arrChartCC

IRP CAP0403 FUEL0406 BUD0406

2018	202,089,895	92,791,499	205,576,099	91,471,795
2019	209,369,511	88,766,989	204,004,546	92,386,513
2020	205,678,461	101,676,147	144,047,243	93,310,378
2021	209,314,234	101,603,290	139,397,242	94,243,482
2022	220,674,866	156,783,127	135,836,367	95,185,917
2023	226,435,519	201,934,383	126,151,163	96,137,776
2024	232,362,156	204,117,869	137,592,275	97,099,154
2025	234,600,088	218,188,570	160,191,710	98,070,145
2026	235,895,824	231,647,906	173,681,553	99,050,847
2027	241,798,074	238,891,730	178,073,462	100,041,355
2028	249,236,118	241,863,515	174,019,852	101,041,769
	arrChartSOM	arrChartSNFPP	arrChartSDS	arrChartSCC

Coverage Data

IRP CAP0503 FUEL0509 BUD0504

	Debt Service	Fixed Charge
2018	3.28	2.56
2019	3.64	2.72
2020	5.32	3.59
2021	5.58	3.56
2022	5.27	2.86
2023	5.24	2.51
2024	4.74	2.38
2025	4.15	2.27
2026	3.93	2.24
2027	3.84	2.21
2028	3.94	2.24
	arrChartDSC	arrChartFCC

IRP CAP0403 FUEL0406 BUD0406

2018	2.33	1.74
2019	2.61	1.90
2020	3.89	2.57
2021	4.08	2.56
2022	3.63	2.00
2023	3.62	1.79
2024	3.42	1.76
2025	2.96	1.65
2026	2.67	1.55
2027	2.56	1.51
2028	2.59	1.51
	arrChartDSCSaved	arrChartFCCSaved

Capital Expenditures Data (in Thousands)

IRP CAP0503 FUEL0509 BUD0504

	Current Year Funds	Carry Over Funds	New Debt Funds	Capital Fund Balance
2018	190,355	0	0	352,529
2019	312,865	0	0	470,862
2020	264,171	0	0	697,098
2021	284,904	0	0	914,010
2022	357,844	0	0	1,009,317
2023	244,917	0	171.385144	1,173,802
2024	224,786	0	214.474608	1,343,068
2025	224,786	0	213.635644	1,507,651
2026	224,756	0	243.975416	1,681,048
2027	224,786	0	214.49694	1,854,687
2028	224,765	0	235.016932	2,035,774
	arrChartCapCY	arrChartCapCO	arrChartCapND	arrChartCapCF

IRP CAP0403 FUEL0406 BUD0406

2018	171,655	23,696	0	189,842
2019	228,910	85,447	0	104,395
2020	260,348	0	0	139,130
2021	283,433	0	0	161,436
2022	256,208	101,436	0	60,000
2023	236,155	0	8,733	60,000
2024	193,975	0	31,025	60,000
2025	212,727	0	12,273	60,000
2026	197,486	0	27,514	60,000
2027	177,475	0	47,525	60,000
2028	166,745	0	58,255	60,000
	arrChartSCapCY	arrChartSCapCO	arrChartSCapND	arrChartSCapCF

Long Term Debt Service (in Thousands)

IRP CAP0503 FUEL0509 BUD0504

	Base Debt Service	Base Debt Service	Base Defeased Principal	Base Defeased Interest
2018	207,602	207,602	0	-
2019	198,989	198,989	0	-
2020	141,056	141,056	0	-

2021	136,439	136,439	0	-
2022	132,609	132,609	0	-
2023	123,913	123,913	0	-
2024	137,327	137,327	0	-
2025	161,568	161,568	0	-
2026	176,938	176,938	0	-
2027	180,676	180,676	0	-
2028	176,983	176,983	0	-
2029	174,368	174,368	0	-
2030	174,314	174,314	0	-
2031	168,979	168,979	0	-
2032	165,562	165,562	0	-
2033	178,502	178,502	0	-
2034	164,188	164,188	0	-
2035	163,213	163,213	0	-
2036	168,254	168,254	0	-
2037	154,414	154,414	0	-
2038	117,769	117,769	0	-
2039	100,684	100,684	0	-
2040	67,695	67,695	0	-
2041	67,695	67,695	0	-
2042	67,695	67,695	0	-
2043	67,695	67,695	0	-
2044	67,695	67,695	0	-
2045	67,695	67,695	0	-
	arrChartLTDS		arrChartLTDP	arrChartLTDI

Liquidity

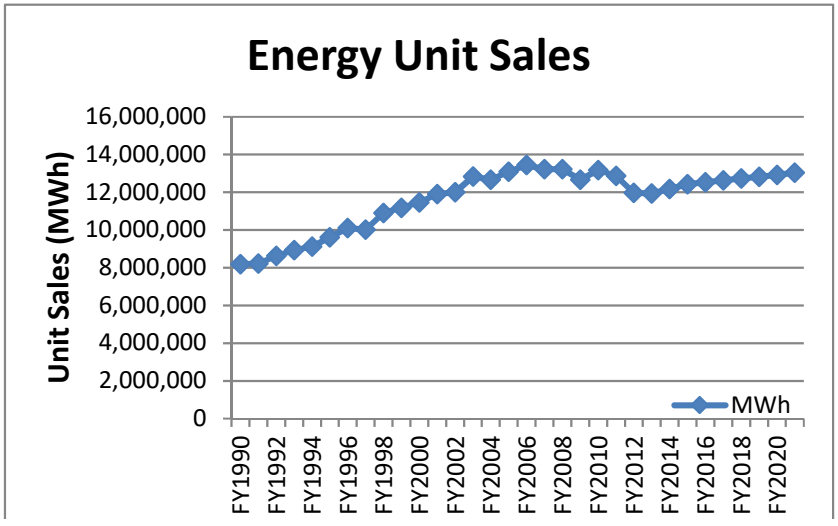
IRP CAP0503 FUEL0509 BUD0504

	Base Adjusted Days Cash	Low	Acceptible	High
2018	483	150	250	500
2019	567	150	250	500
2020	688	150	250	500
2021	788	150	250	500

2022	776	150	250	500
2023	780	150	250	500
2024	831	150	250	500
2025	862	150	250	500
2026	904	150	250	500
2027	955	150	250	500
2028	1,008	150	250	500

arrChartADC

Historic Data for Rating Agency



Fiscal Year	Annual MWh	Y2Y Growth	Annualized Growth
FY1990	8,191,297		
FY1991	8,225,242	0.41%	
FY1992	8,626,545	4.88%	
FY1993	8,930,530	3.52%	
FY1994	9,125,160	2.18%	
FY1995	9,608,537	5.30%	
FY1996	10,110,464	5.22%	
FY1997	10,023,800	-0.86%	
FY1998	10,904,679	8.79%	3.6%
FY1999	11,169,893	2.43%	
FY2000	11,460,024	2.60%	
FY2001	11,898,944	3.83%	
FY2002	11,998,550	0.84%	
FY2003	12,830,179	6.93%	
FY2004	12,666,066	-1.28%	
FY2005	13,091,701	3.36%	
FY2006	13,440,900	2.67%	
FY2007	13,230,826	-1.56%	
FY2008	13,232,661	0.01%	2.0%
FY2009	12,675,736	-4.21%	
FY2010	13,180,072	3.98%	
FY2011	12,870,116	-2.35%	
FY2012	11,973,074	-6.97%	
FY2013	11,929,612	-0.36%	
FY2014	12,171,990	2.03%	
FY2015	12,434,205	2.15%	
FY2016	12,525,259	0.73%	
FY2017	12,628,266		
FY2018	12,736,367		
FY2019	12,816,532		
FY2020	12,924,755		
FY2021	13,044,067		-0.1%
FY2022	13,158,545		
FY2023	13,267,347		
FY2024	13,374,469		
FY2025	13,481,921		
FY2026	13,590,288		
FY2027	13,590,288		
FY2028	13,590,288		
FY2029	13,590,288		
FY2030	13,590,288		

Rating A

Min	FY1990	8,191,297
Max	FY2026	13,590,288

IS
R FINANCIAL PURPOSES ***

Internal Capital Funds	Other	Base Revenue	Fuel	Total Revenue
364,826,042	9,695,767	780,713,134	397,450,626	1,178,163,761
415,335,772	9,863,283	818,334,913	405,083,192	1,223,418,105
491,649,238	8,690,740	848,657,409	408,550,828	1,257,208,237
504,838,881	7,470,284	858,156,156	411,122,303	1,269,278,459
446,829,433	6,256,720	852,513,639	414,593,828	1,267,107,467
406,533,621	5,029,188	849,711,932	418,421,061	1,268,132,993
396,280,136	3,774,384	856,096,915	422,093,237	1,278,190,152
394,549,178	3,969,852	893,732,023	425,583,339	1,319,315,362
403,957,261	4,166,555	933,015,995	475,221,638	1,408,237,634
399,358,112	4,300,075	940,341,042	479,039,606	1,419,380,648
406,564,596	4,434,733	947,721,776	482,890,099	1,430,611,875
arrChartICF	arrChartOther	arrChartBRev	arrChartFuel	arrChartTRev
181,964,126	9,689,222	783,582,637	397,450,626	1,181,033,263
216,753,161	9,920,765	821,201,485	430,011,388	1,251,212,874
298,060,573	8,748,222	851,521,023	433,692,418	1,285,213,441
308,930,769	7,527,766	861,016,782	436,422,137	1,297,438,919
240,576,769	6,314,202	855,371,247	440,107,294	1,295,478,541
212,858,760	5,118,810	868,636,412	469,919,038	1,338,555,450
216,625,713	3,897,358	891,694,524	474,043,174	1,365,737,697
200,839,153	4,066,085	915,955,751	477,962,827	1,393,918,579
178,865,049	4,198,994	923,340,173	481,821,939	1,405,162,112
167,424,518	4,332,314	930,561,453	528,939,565	1,459,501,018
167,209,509	4,466,769	937,837,531	533,191,151	1,471,028,682
arrChartSICF	arrChartSOther	arrChartSBRev	arrChartSFuel	arrChartSTRev

Amt Defeased	% Debt to Asset
0	55.91%
0	49.57%
0	44.49%
0	40.18%
0	36.81%
0	35.29%
0	34.10%
0	32.61%
0	30.78%
0	28.95%
0	27.38%
arrChartDefease	arrChartD2A

0	59.29%
0	55.27%
0	52.05%
0	49.24%
0	47.27%
0	45.79%
0	45.15%
0	43.50%
0	42.02%
0	40.67%
0	39.88%
arrChartSDefease	arrChartSD2A

IRP CAP0403 FUEL0406 BUD0406

	IRP Debt Service		IRP Defeased Principal	IRP Defeased Interest
2018	207,602	207,602	0	0
2019	198,989	198,989	0	0
2020	141,056	141,056	0	0

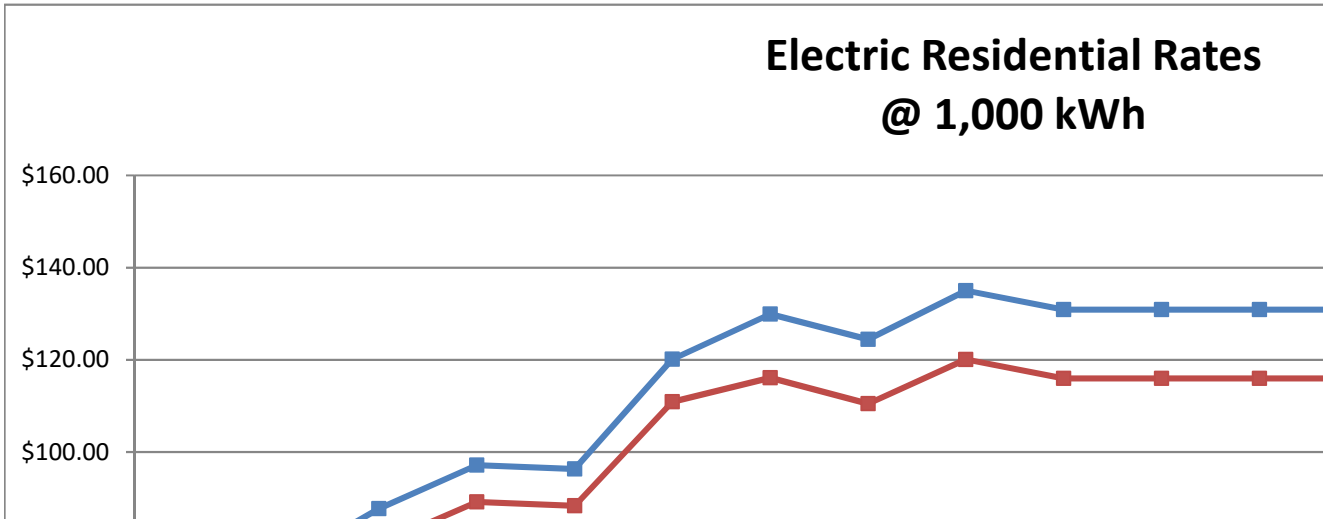
2021	136,439	136,439	0	0	
2022	132,937	132,937	0	0	
2023	123,311	123,311	0	0	
2024	134,814	134,814	0	0	
2025	157,526	157,526	0	0	
2026	171,147	171,147	0	0	
2027	175,721	175,721	0	0	
2028	171,907	171,907	0	0	
2029	159,928	159,928	0	0	
2030	155,026	155,026	0	0	
2031	154,318	154,318	0	0	
2032	147,948	147,948	0	0	
2033	144,175	144,175	0	0	
2034	157,679	157,679	0	0	
2035	143,306	143,306	0	0	
2036	142,940	142,940	0	0	
2037	148,933	148,933	0	0	
2038	135,406	135,406	0	0	
2039	98,332	98,332	0	0	
2040	81,068	81,068	0	0	
2041	47,607	47,607	0	0	
2042	42,878	42,878	0	0	
2043	42,878	42,878	0	0	
2044	42,878	42,878	0	0	
2045	42,878	42,878	0	0	
	arrChartSLTDS		arrChartSLTDI	arrChartSLTDI	

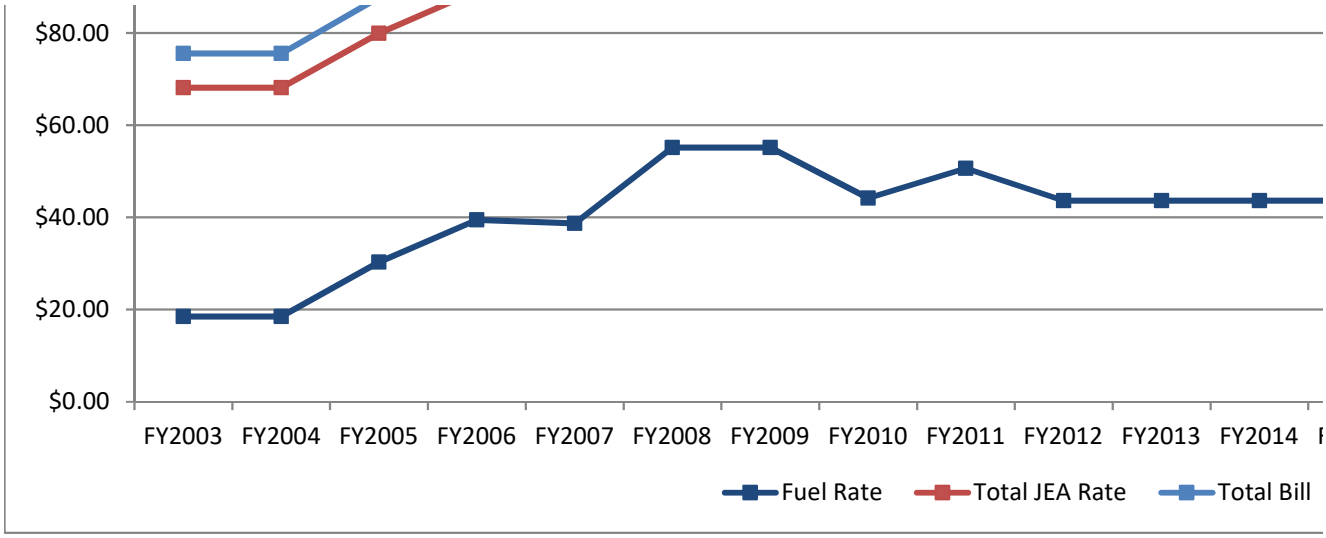
IRP CAP0403 FUEL0406 BUD0406

	IRP Adjusted Days Cash
2018	294
2019	268
2020	276
2021	270

2022	208
2023	187
2024	189
2025	175
2026	157
2027	153
2028	151

arrChartSADC





	Customer Charge	Energy Charge	Fuel Charge	Env. Charge	Total JEA
FY2003	$5.50	$44.15	$18.50		$68.15
FY2004	$5.50	$44.15	$18.50		$68.15
FY2005	$5.50	$44.15	$30.32		$79.97
FY2006	$5.50	$44.15	$39.50		$89.15
FY2007	$5.50	$44.15	$38.68		$88.33
FY2008	$5.50	$49.67	$55.14	$0.62	######
FY2009	$5.50	$54.85	$55.14	$0.62	######
FY2010	$5.50	$60.18	$44.16	$0.62	######
FY2011	$5.50	$63.34	$50.64	$0.62	######
FY2012	$5.50	$66.24	$43.60	$0.62	######
FY2013	$5.50	$66.24	$43.60	$0.62	######
FY2014	$5.50	$66.24	$43.60	$0.62	######
FY2015	$5.50	$66.24	$43.60	$0.62	######
FY2016	$5.50	$69.88	32.50	$0.62	######
FY2017	$5.50	$69.88	32.50	$0.62	######
FY2018	$5.50	$69.88	32.50	$0.62	######
FY2019	$5.50	$69.88	32.50	$0.62	######
FY2020	$5.50	$69.88	32.50	$0.62	######
FY2021	$5.50	$69.88	32.50	$0.62	######
FY2022	$5.50	$69.88	32.50	$0.62	######
FY2023	$5.50	$72.50	32.50	$0.62	######
FY2024	$5.50	$75.22	36.00	$0.62	######
FY2025	$5.50	$75.22	36.00	$0.62	######

		O&M	NFPP	Debt Service	City Contribution
2018	Base	7,876,509	92,791,499	214,051,523	91,471,795
	IRP	202,089,895	92,791,499	205,576,099	91,471,795
2019	Base	7,977,808	88,766,989	204,004,546	92,386,513
	IRP	209,369,511	88,766,989	204,004,546	92,386,513
2020	Base	9,283,663	101,676,147	144,047,243	93,310,378
	IRP	205,678,461	101,676,147	144,047,243	93,310,378
2021	Base	10,602,977	101,603,290	139,397,242	94,243,482
	IRP	209,314,234	101,603,290	139,397,242	94,243,482
2022	Base	11,950,002	156,783,127	135,508,440	95,185,917
	IRP	220,674,866	156,783,127	135,836,367	95,185,917
2023	Base	13,324,669	201,934,383	126,752,294	96,137,776
	IRP	226,435,519	201,934,383	126,151,163	96,137,776
2024	Base	14,720,647	204,117,869	140,104,726	97,099,154
	IRP	232,362,156	204,117,869	137,592,275	97,099,154
2025	Base	14,720,647	218,188,570	164,233,630	98,070,145
	IRP	234,600,088	218,188,570	160,191,710	98,070,145
2026	Base	14,720,647	231,647,906	179,472,779	99,050,847
	IRP	235,895,824	231,647,906	173,681,553	99,050,847
2027	Base	14,720,647	238,891,730	183,029,122	100,041,355
	IRP	241,798,074	238,891,730	178,073,462	100,041,355
2028	Base	14,720,647	241,863,515	179,096,516	101,041,769

	IRP	249,236,118	241,863,515	174,019,852	101,041,769

		Debt Service	Fixed Charge	DS Target	FC Target
2018	Base	3.28	2.56	2.2	1.5
	IRP	2.33	1.74	2.2	1.5
				2.2	1.5
2019	Base	3.64	2.72	2.2	1.5
	IRP	2.61	1.90	2.2	1.5
				2.2	1.5
2020	Base	5.32	3.59	2.2	1.5
	IRP	3.89	2.57	2.2	1.5
				2.2	1.5
2021	Base	5.58	3.56	2.2	1.5
	IRP	4.08	2.56	2.2	1.5
				2.2	1.5
2022	Base	5.27	2.86	2.2	1.5
	IRP	3.63	2.00	2.2	1.5
				2.2	1.5
2023	Base	5.24	2.51	2.2	1.5
	IRP	3.62	1.79	2.2	1.5
				2.2	1.5
2024	Base	4.74	2.38	2.2	1.5
	IRP	3.42	1.76	2.2	1.5
				2.2	1.5
2025	Base	4.15	2.27	2.2	1.5
	IRP	2.96	1.65	2.2	1.5
				2.2	1.5
2026	Base	3.93	2.24	2.2	1.5
	IRP	2.67	1.55	2.2	1.5
				2.2	1.5
2027	Base	3.84	2.21	2.2	1.5
	IRP	2.56	1.51	2.2	1.5
				2.2	1.5
2028	Base	3.94	2.24	2.2	1.5
	IRP	2.59	1.51	2.2	1.5

		Internal Funds	Carry Over Funds	New Debt Funds	CAPEX
2018	Base	190,355	0	0	190,355
	IRP	171,655	23,696	0	195,350
2019	Base	312,865	0	0	312,865
	IRP	228,910	85,447	0	314,357
2020	Base	264,171	0	0	264,171
	IRP	260,348	0	0	260,348
2021	Base	284,904	0	0	284,904
	IRP	283,433	0	0	283,433
2022	Base	357,844	0	0	357,844
	IRP	256,208	101,436	0	357,644
2023	Base	244,917	0	171	245,088
	IRP	236,155	0	8,733	244,888
2024	Base	224,786	0	214	225,000
	IRP	193,975	0	31,025	225,000
2025	Base	224,786	0	214	225,000
	IRP	212,727	0	12,273	225,000
2026	Base	224,756	0	244	225,000
	IRP	197,486	0	27,514	225,000
2027	Base	224,786	0	214	225,000
	IRP	177,475	0	47,525	225,000
2028	Base	224,765	0	235	225,000
	IRP	166,745	0	58,255	225,000

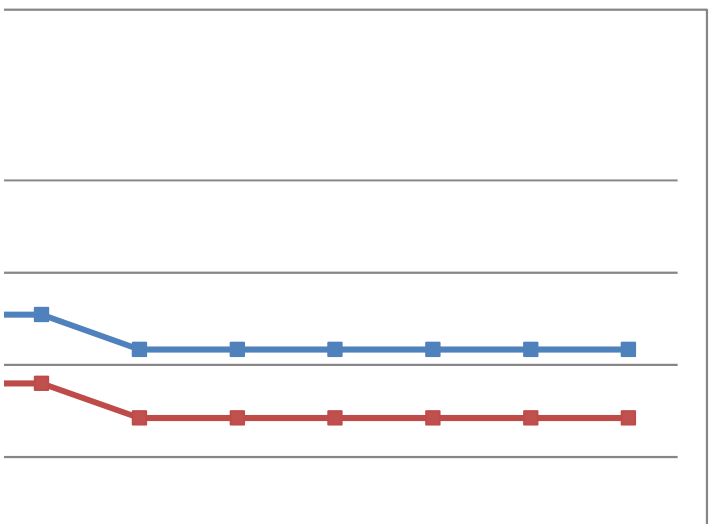
		Debt Service	Principal	Interest
2018	Base	207,602	0	0
	IRP	207,602	0	0

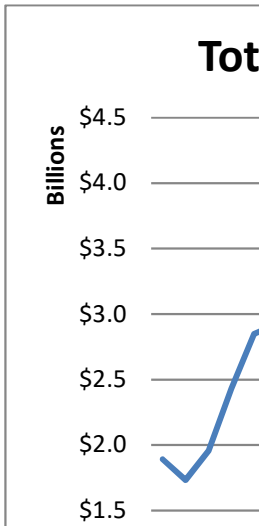
2019	Base	198,989	0	0
	IRP	198,989	0	0
2020	Base	141,056	0	0
	IRP	141,056	0	0
2021	Base	136,439	0	0
	IRP	136,439	0	0
2022	Base	132,609	0	0
	IRP	132,937	0	0
2023	Base	123,913	0	0
	IRP	123,311	0	0
2024	Base	137,327	0	0
	IRP	134,814	0	0
2025	Base	161,568	0	0
	IRP	157,526	0	0
2026	Base	176,938	0	0
	IRP	171,147	0	0
2027	Base	180,676	0	0
	IRP	175,721	0	0
2028	Base	176,983	0	0
	IRP	171,907	0	0
2029	Base	168,979	0	0
	IRP	154,318	0	0
2030	Base	164,188	0	0
	IRP	157,679	0	0
2031	Base	154,414	0	0
	IRP	148,933	0	0
2032	Base	67,695	0	0
	IRP	81,068	0	0
2033	Base	67,695	0	0
	IRP	42,878	0	0
2034	Base	arrChartLTDS	arrChartLTDP	arrChartLTDI

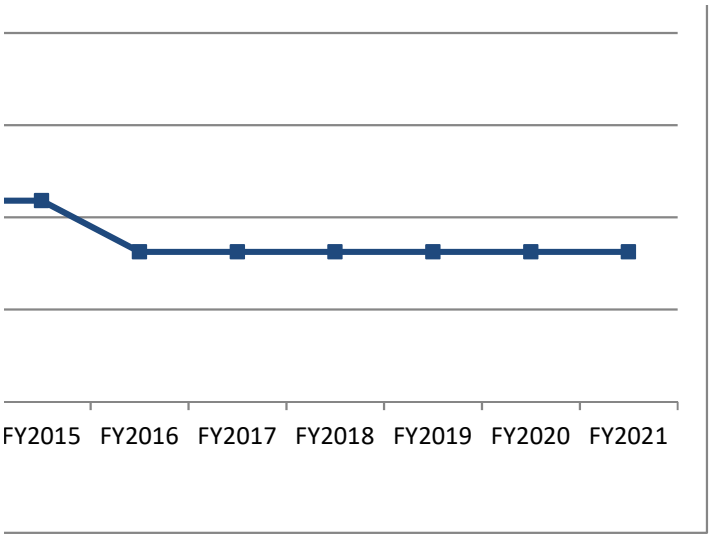
	IRP	arrChartSLTDS	arrChartSLTDP	arrChartSLTDI
2035	Base	0	0	0
	IRP	0	0	0
2036	Base	0	0	0
	IRP	0	0	0
2037	Base	0	0	0
	IRP	0	0	0
2038	Base	0	0	0
	IRP	0	0	0
2039	Base	0	0	0
	IRP	0	0	0
2040	Base	0	0	0
	IRP	0	0	0
2041	Base	0	0	0
	IRP	0	0	0
2042	Base	0	0	0
	IRP	0	0	0
2043	Base	0	0	0
	IRP	0	0	0
2044	Base	0	0	0
	IRP	0	0	0
2045	Base	0	0	0
	IRP	0	0	0

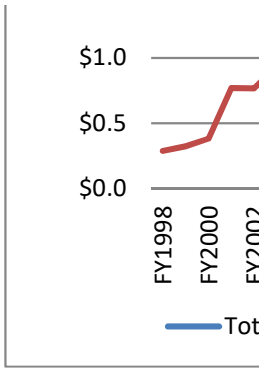
		Adjusted Days Cash		
2018	Base	483	250	500
	IRP	294	0	0
2019	Base	567	250	500

	IRP	268	0	0
2020	Base	688	250	500
	IRP	276	0	0
2021	Base	788	250	500
	IRP	270	0	0
2022	Base	776	250	500
	IRP	208	0	0
2023	Base	780	250	500
	IRP	187	0	0
2024	Base	831	250	500
	IRP	189	0	0
2025	Base	862	250	500
	IRP	175	0	0
2026	Base	904	250	500
	IRP	157	0	0
2027	Base	955	250	500
	IRP	153	0	0
2028	Base	1,008	250	500
	IRP	151	0	0









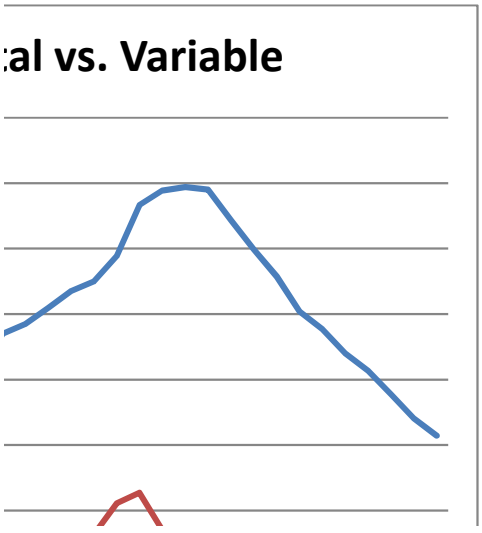
FF Tax 3.00%	GR Tax 2.56%	PS Tax 10.00%	Total Bill
	$1.75	$5.65	$75.55
	$1.75	$5.65	$75.55
	$2.05	$5.68	$87.70
	$2.29	$5.70	$97.14
	$2.26	$5.70	$96.30
	$2.84	$6.37	$120.15
$3.48	$3.07	$7.26	$129.92
$3.31	$2.92	$7.76	$124.46
$3.60	$3.17	$8.13	$135.01
$3.48	$3.06	$8.40	$130.90
$3.48	$3.06	$8.40	$130.90
$3.48	$3.06	$8.40	$130.90
$3.48	$3.06	$8.40	$130.90
$3.26	$2.87	$8.72	$123.34
$3.26	$2.87	$8.72	$123.34
$3.26	$2.87	$8.72	$123.34
$3.26	$2.87	$8.72	$123.34
$3.26	$2.87	$8.72	$123.34
$3.26	$2.87	$8.72	$123.34
$3.26	$2.87	$8.72	$123.34
$3.33	$2.93	$9.00	$126.39
$3.52	$3.10	$9.31	$133.27
$3.52	$3.10	$9.31	$133.27

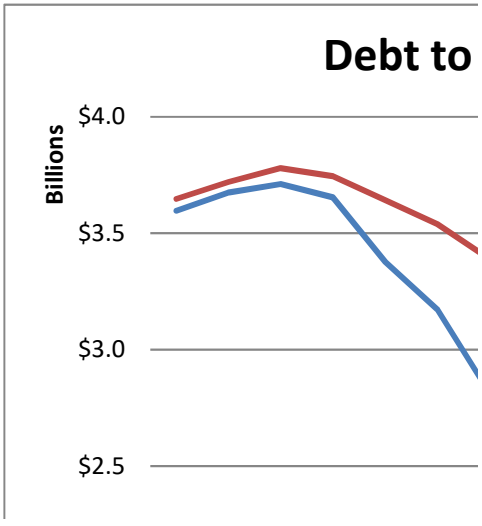
Year
FY1998
FY1999
FY2000
FY2001
FY2002
FY2003
FY2004
FY2005
FY2006
FY2007
FY2008
FY2009
FY2010
FY2011
FY2012
FY2013
FY2014
FY2015
FY2016
FY2017
FY2018
FY2019
FY2020
FY2021

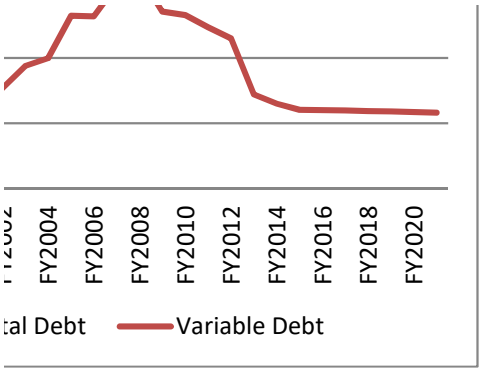
Internal Capital Funds	Other	Base Revenue	Fuel	Total Revenue
364,826,042	9,695,767	780,713,134	397,450,626	1,178,163,761
181,964,126	9,689,222	783,582,637	397,450,626	1,181,033,263
415,335,772	9,863,283	818,334,913	405,083,192	1,223,418,105
216,753,161	9,920,765	821,201,485	430,011,388	1,251,212,874
491,649,238	8,690,740	848,657,409	408,550,828	1,257,208,237
298,060,573	8,748,222	851,521,023	433,692,418	1,285,213,441
504,838,881	7,470,284	858,156,156	411,122,303	1,269,278,459
308,930,769	7,527,766	861,016,782	436,422,137	1,297,438,919
446,829,433	6,256,720	852,513,639	414,593,828	1,267,107,467
240,576,769	6,314,202	855,371,247	440,107,294	1,295,478,541
406,533,621	5,029,188	849,711,932	418,421,061	1,268,132,993
212,858,760	5,118,810	868,636,412	469,919,038	1,338,555,450
396,280,136	3,774,384	856,096,915	422,093,237	1,278,190,152
216,625,713	3,897,358	891,694,524	474,043,174	1,365,737,697
394,549,178	3,969,852	893,732,023	425,583,339	1,319,315,362
200,839,153	4,066,085	915,955,751	477,962,827	1,393,918,579
403,957,261	4,166,555	933,015,995	475,221,638	1,408,237,634
178,865,049	4,198,994	923,340,173	481,821,939	1,405,162,112
399,358,112	4,300,075	940,341,042	479,039,606	1,419,380,648
167,424,518	4,332,314	930,561,453	528,939,565	1,459,501,018
406,564,596	4,434,733	947,721,776	482,890,099	1,430,611,875

167,209,509	4,466,769	937,837,531	533,191,151	1,471,028,682

Base Balance	IRP Balance	Amt Defeased	Future Debt to Asset	Current Debt to Asset
352,529	189,842	0	0.56	0.59
352,529	189,842	0	0.56	0.59
352,529	189,842		0.56	0.59
470,862	104,395	0	0.50	0.55
470,862	104,395	0	0.50	0.55
470,862	104,395		0.50	0.55
697,098	139,130	0	0.44	0.52
697,098	139,130	0	0.44	0.52
697,098	139,130		0.44	0.52
914,010	161,436	0	0.40	0.49
914,010	161,436	0	0.40	0.49
914,010	161,436		0.40	0.49
1,009,317	60,000	0	0.37	0.47
1,009,317	60,000	0	0.37	0.47
1,009,317	60,000		0.37	0.47
1,173,802	60,000	0	0.35	0.46
1,173,802	60,000	0	0.35	0.46
1,173,802	60,000		0.35	0.46
1,343,068	60,000	0	0.34	0.45
1,343,068	60,000	0	0.34	0.45
1,343,068	60,000		0.34	0.45
1,507,651	60,000	0	0.33	0.43
1,507,651	60,000	0	0.33	0.43
1,507,651	60,000		0.33	0.43
1,681,048	60,000	0	0.31	0.42
1,681,048	60,000	0	0.31	0.42
1,681,048	60,000		0.31	0.42
1,854,687	60,000	0	0.29	0.41
1,854,687	60,000	0	0.29	0.41
1,854,687	60,000		0.29	0.41
2,035,774	60,000	0	0.27	0.40
2,035,774	60,000	0	0.27	0.40


al vs. Variable

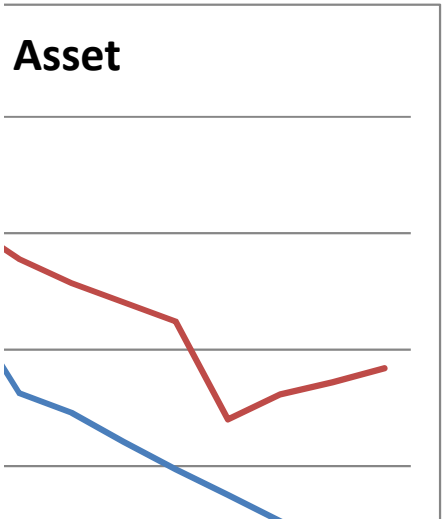

Debt to
Billions
$4.0
$3.5
$3.0
$2.5

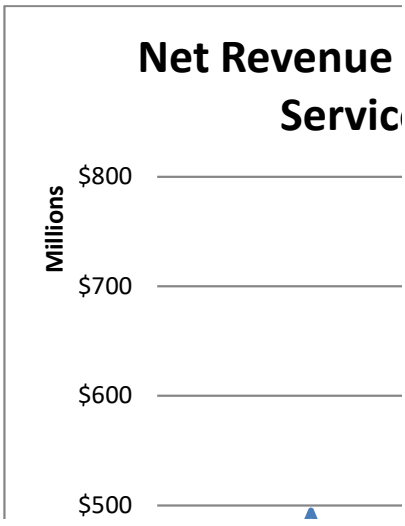


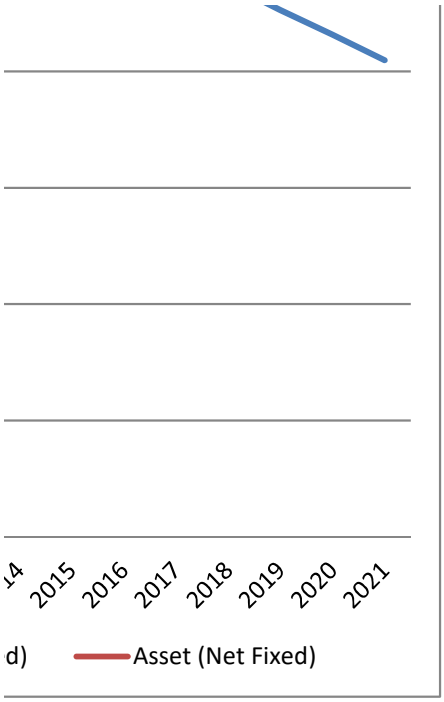
Total Debt	Variable Debt
1,890,609,375	290,230,000
1,733,189,375	325,730,000
1,957,939,762	383,297,000
2,431,146,881	770,797,000
2,847,982,625	768,197,000
2,925,182,375	937,458,000
3,046,177,250	997,226,000
3,177,309,125	1,321,996,000
3,248,792,375	1,317,703,000
3,445,062,625	1,557,402,000
3,833,922,750	1,636,069,000
3,943,971,000	1,352,871,000
3,970,127,500	1,327,815,000
3,951,319,500	1,233,296,570
3,716,047,103	1,148,160,853
3,493,532,500	719,805,000
3,287,415,000	649,570,000
3,021,055,000	604,000,000
2,886,710,625	600,815,000
2,700,854,425	597,670,000
2,568,512,550	594,375,000
2,386,771,564	590,950,000
2,203,829,070	587,355,000
2,072,952,500	580,850,000

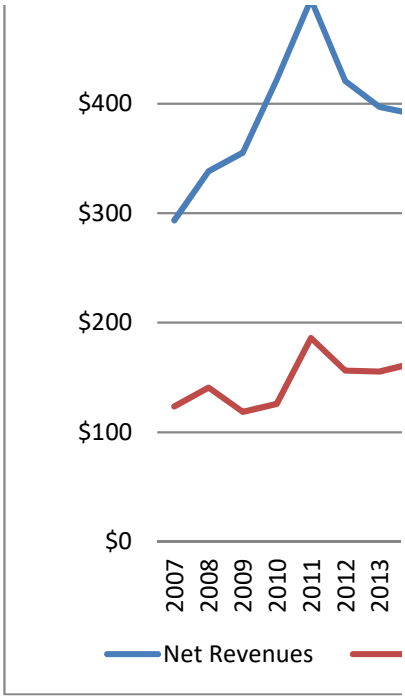


Year	Adjusted Debt (N
2007	3,270,540,250
2008	3,596,832,625
2009	3,675,729,875
2010	3,711,638,875
2011	3,654,581,250
2012	3,376,763,178
2013	3,171,591,678
2014	2,813,396,690
2015	2,729,412,315
2016	2,604,884,871
2017	2,486,267,325
2018	2,376,119,812
2019	2,263,903,644
2020	2,157,549,859
2021	2,047,875,310


Asset

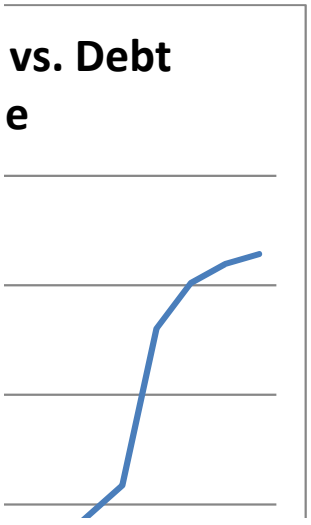

Net Revenue
Servic
Millions
$800
$700
$600
$500

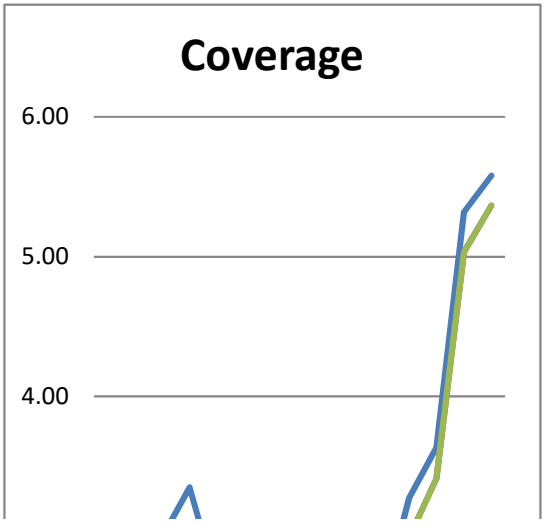


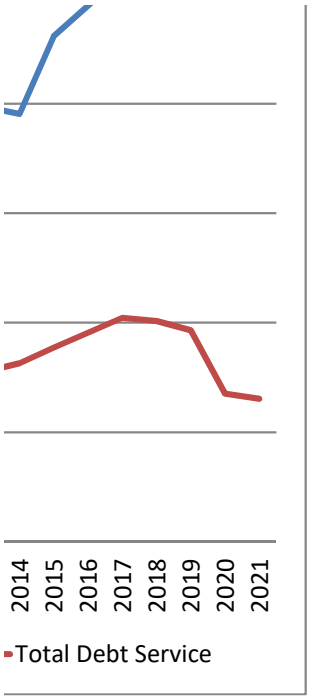


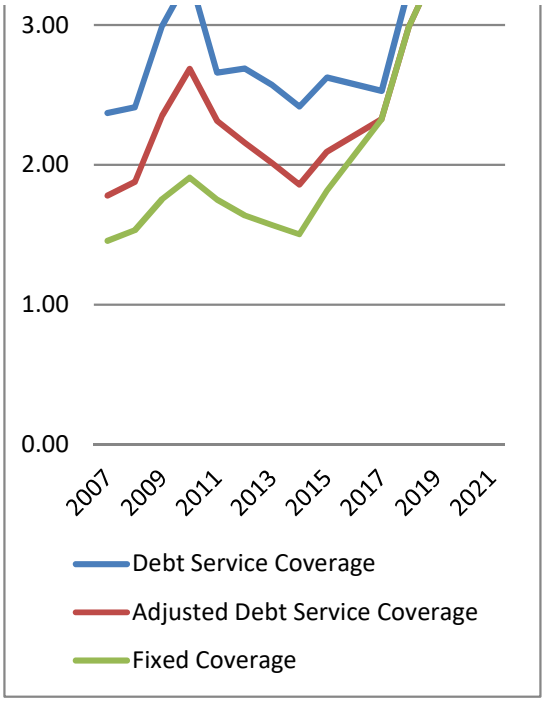
Asset (Net Fixe	Debt to Asset	Old Model NFA
3,428,644,375	89.6%	3700000000
3,647,748,875	90.8%	4100000000
3,719,812,125	88.1%	4200000000
3,779,738,625	87.7%	4233104625
3,745,430,250	84.4%	4290349887
3,641,826,000	79.5%	4252546089
3,539,589,000	76.7%	4151950018
3,388,740,000	73.6%	4005826044
3,285,795,000	68.4%	3989970087
#N/A	#N/A	
3,121,274,000	201700.0%	
2,700,074,965	201800.0%	
2,808,078,402	201900.0%	
2,859,628,385	202000.0%	
2,920,117,872	202100.0%	

Year	Net Revenues
2007	293,265,196
2008	338,400,000
2009	355,252,198
2010	422,054,000
2011	495,336,000
2012	420,602,001
2013	396,957,000
2014	390,528,161
2015	461,604,001
2016	#N/A
2017	517,074,724
2018	660,640,997
2019	701,978,651
2020	719,236,815
2021	728,667,841


vs. Debt
e


Coverage
6.00
5.00
4.00



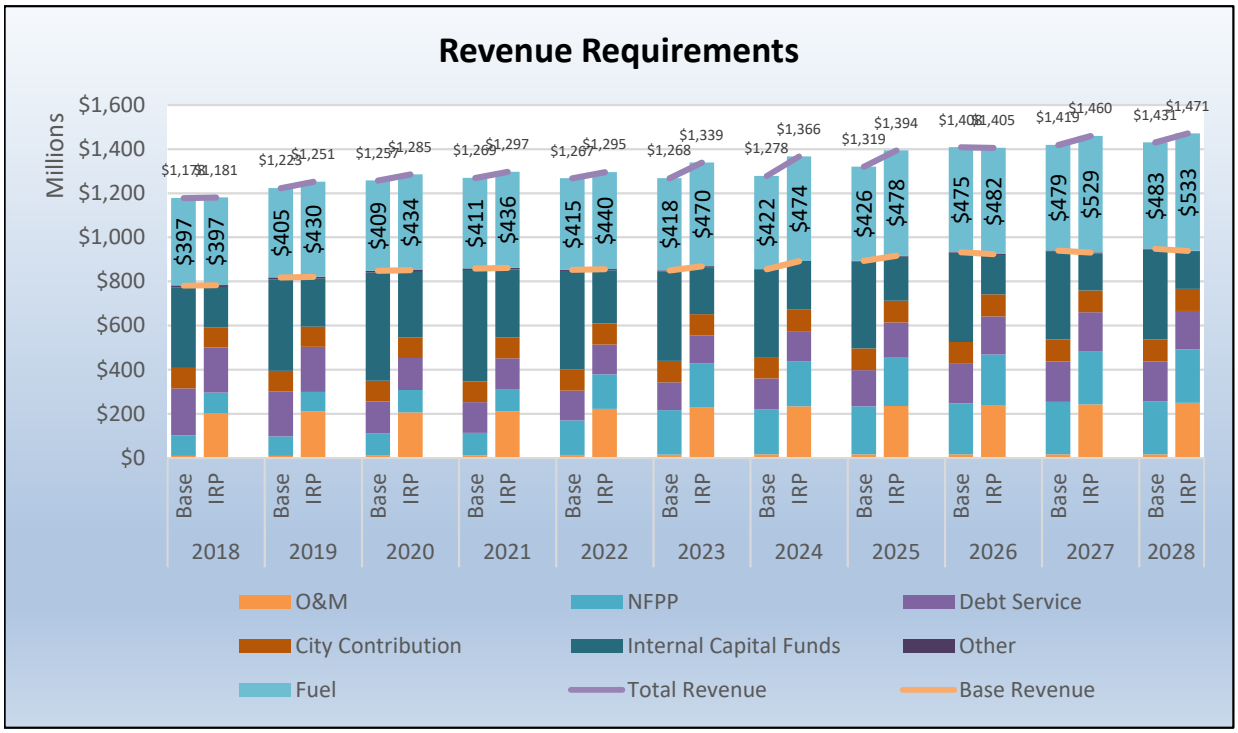


Total Debt Service
123,677,905
140,752,570
118,652,158
125,959,404
186,006,709
156,426,197
155,339,569
163,102,242
177,410,718
#N/A
204,432,000
201,694,191
193,090,117
135,184,506
130,575,374

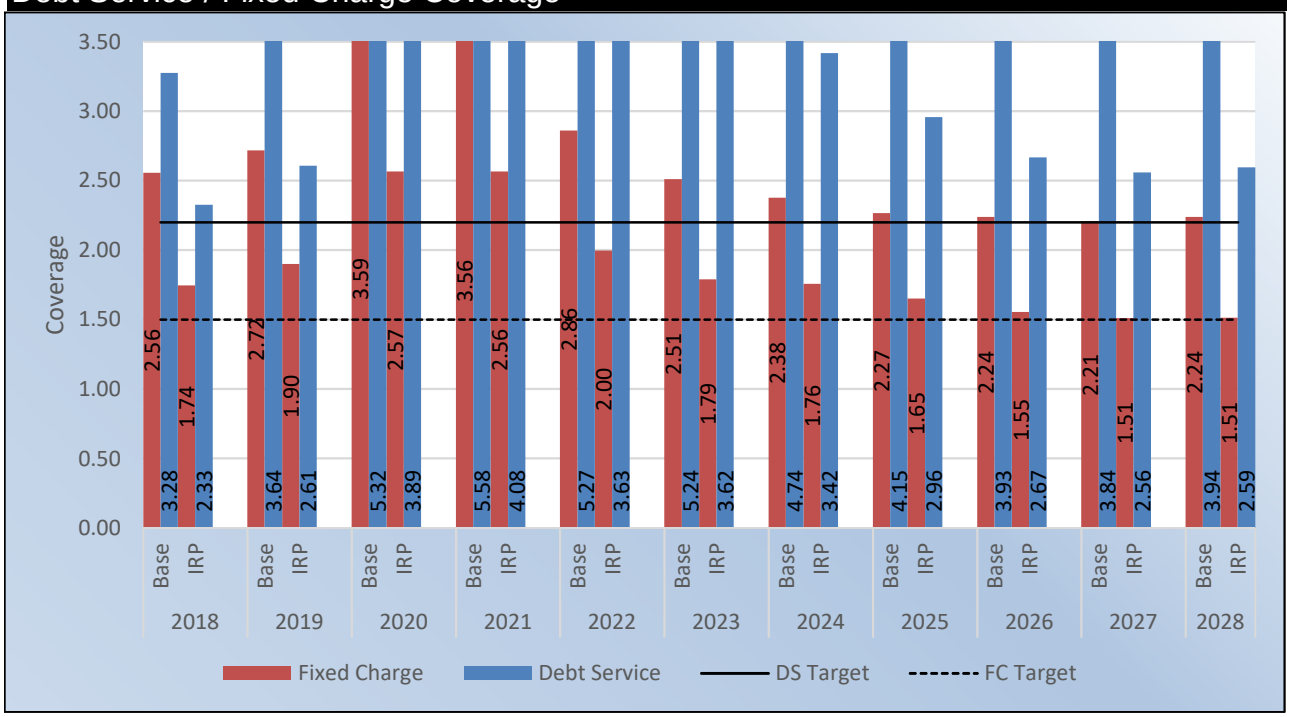
Debt Servi	Adjusted Debt	Fixed Coverage
2.37	1.78	1.46
2.41	1.88	1.53
2.99	2.35	1.76
3.35	2.69	1.91
2.66	2.31	1.75
2.69	2.16	1.64
2.57	2.01	1.57
2.42	1.86	1.50
2.63	2.09	1.81
#N/A	#N/A	#N/A
2.53	2.33	2.33
3.28	2.99	2.99
3.64	3.41	3.41
5.32	5.03	5.03
5.58	5.36	5.36

195350494.9
314356600
260347746
283433000
357644000
244888000
225000000
225000000
225000000
225000000
225000000
225000000
225000000
225000000
225000000
225000000
225000000
225000000
225000000
225000000
225000000
225000000
225000000
225000000
225000000
225000000
225000000
225000000
225000000
225000000
225000000

Current Case:	**IRP CAP0503 FUEL0509 BUD0504**
Previous Case:	**IRP CAP0403 FUEL0406 BUD0406**

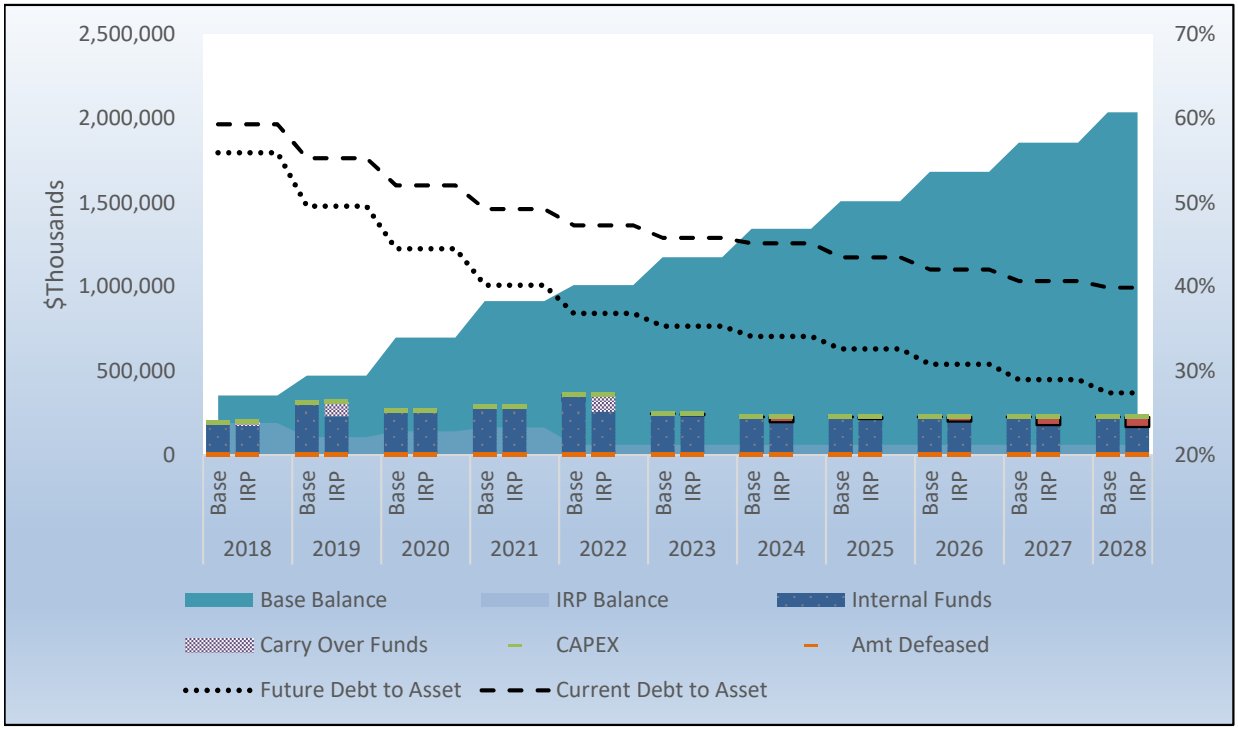


Debt Service / Fixed Charge Coverage

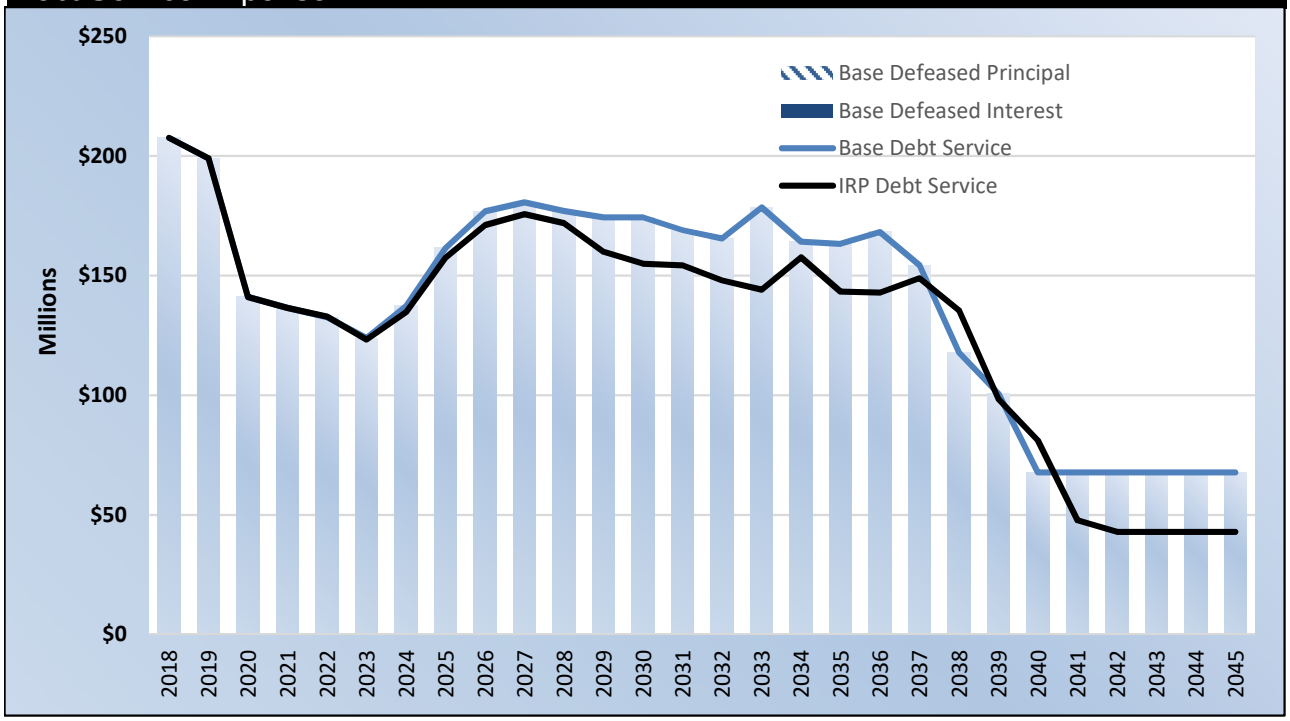


Current Case:	**IRP CAP0503 FUEL0509 BUD0504**
Previous Case:	**IRP CAP0403 FUEL0406 BUD0406**

Capital Funding & Expenditure Forecast

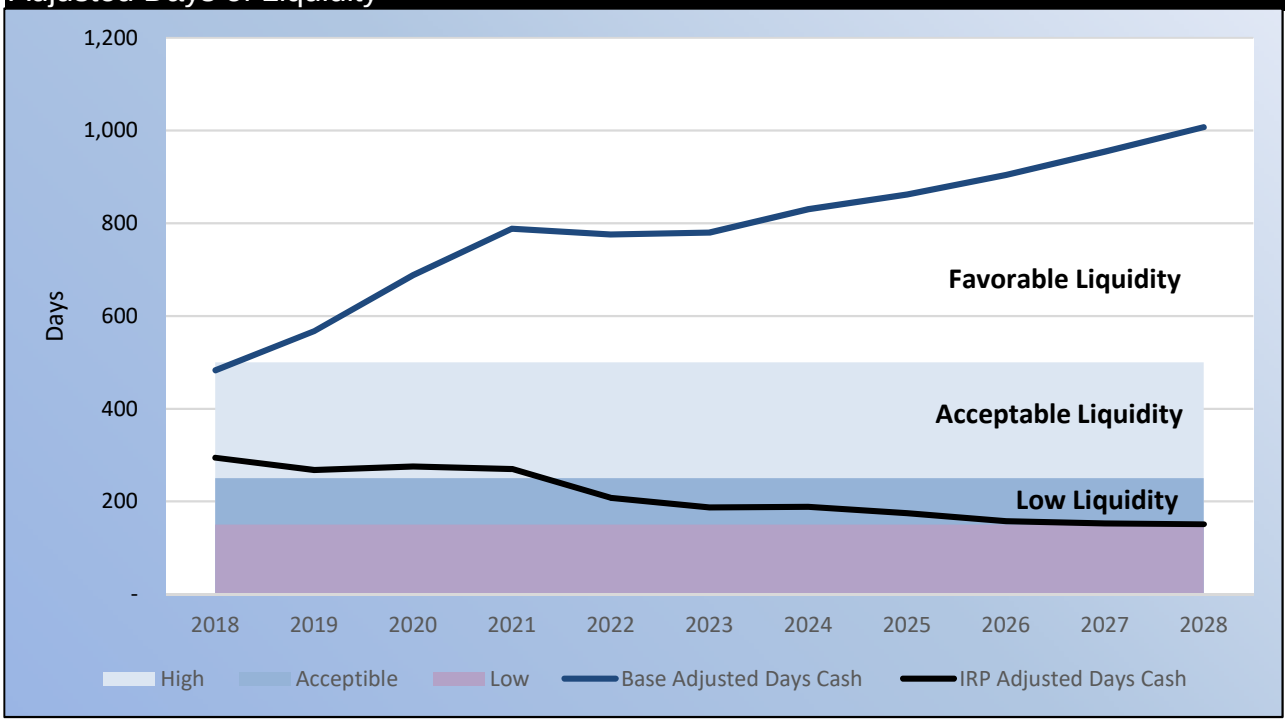


Debt Service Expense



Current Case:	**IRP CAP0503 FUEL0509 BUD0504**
Previous Case:	**IRP CAP0403 FUEL0406 BUD0406**

Adjusted Days of Liquidity



	A	B	C	D	E	F
4	**Electric System O&M**	**2017**	**2018**	**2019**	**2020**	**2021**
5	Salaries Regular and Temp	108,141,074	117,463,571	119,812,842	122,209,099	124,653,281
6	OVERTIME	16,613,480	11,795,882	12,031,800	12,272,436	12,517,885
7	*PENSION COST*	36,768,686	26,042,993	26,563,853	27,095,130	27,637,033
8	*HEALTHCARE COST*	10,374,033	12,690,029	12,943,830	13,202,706	13,466,761
9	*EMPLOYEE BENEFITS*	14,376,192	10,569,040	10,780,421	10,996,029	11,215,950
10	**SALARIES, OT AND BENEFITS**	**186,273,466**	**178,561,515**	**182,132,746**	**185,775,401**	**189,490,909**
11	SUPPLIES & MATERIALS	16,192,312	16,516,158	16,846,481	17,183,411	17,527,079
12	CITY SERVICES	2,487,679	2,537,433	2,588,181	2,639,945	2,692,744
13	INTERCOMPANY CHARGES	280,205	285,810	291,526	297,356	303,303
14	OTHER SERVICES & CHARGES	75,863,590	77,380,862	78,928,479	80,507,049	82,117,190
15	INSURANCES	8,376,189	8,543,713	8,714,587	8,888,879	9,066,657
16	INTEREST ON CUST. DEPOSIT	417,418	425,766	434,281	442,967	451,826
17	OPERATING RESERVES		5,000,000	5,100,000	5,202,000	5,306,040
18	**SUBTOTAL EXPENSES**	**289,890,859**	**289,251,257**	**295,036,282**	**300,937,007**	**306,955,748**
19	CAPITALIZED SALARIES -	(15,133,528)	(15,436,199)	(15,744,923)	(16,059,821)	(16,381,018)
20	CAPITALIZED OVERTIME	(8,608,125)	(8,780,288)	(8,955,893)	(9,135,011)	(9,317,712)
21	*CAPITALIZED PENSION*	(5,609,836)	(3,422,379)	(3,490,826)	(3,560,643)	(3,631,856)
22	*CAPITALIZED HEALTHCARE*	(1,582,777)	(1,667,630)	(1,700,983)	(1,735,003)	(1,769,703)
23	CAPITALIZED BENEFITS	(2,193,390)	(1,388,905)	(1,416,684)	(1,445,017)	(1,473,918)
24	EXPENSE CREDITS ROLLUP	(24,600,835)	(25,092,852)	(25,594,709)	(26,106,603)	(26,628,735)
25	WATER BILLING CREDITS	(43,326,909)	(44,193,447)	(45,077,316)	(45,978,862)	(46,898,440)
26	MOTOR POOL CREDITS- COST ALLOCATION	(5,276,116)	(5,381,639)	(5,489,271)	(5,599,057)	(5,711,038)
27	**SUBTOTAL CREDITS**	(106,331,517)	**(105,363,339)**	**(107,470,606)**	**(109,620,018)**	**(111,812,418)**
28	**SUBTOTAL NONFUEL O&M**	183,559,342	**183,887,918**	**187,565,676**	**191,316,990**	**195,143,330**
29	NON FUEL O&M CONTRACTS & CONTINGENCIES	62,114	63,357	64,624	65,916	67,235
30	**SUBTOTAL NONFUEL O&M**	183,621,457	**183,951,275**	**187,630,300**	**191,382,906**	**195,210,564**
31	**OUTAGE ADJUSTMENT:**					
32	*Non Outage / Non Routine*		3,775,000	3,250,000	3,500,000	3,250,000
33	*Outage*	7,800,000	9,260,092	13,435,479	4,497,168	3,298,393
34	**TOTAL O&M - BUDGET BASIS**	**191,411,468**	**196,986,367**	**204,315,779**	**199,380,075**	**201,758,957**

	A	B	C	D	E	F	G	H
4	Electric System Othe							
5				ACTUAL	1.00%	1.00%	1.00%	1.00%
6	ACCOUNT	EXPENSE_TYPE	ETDESC	2017	2018	2019	2020	2021
7	415102	8039	STORM SHIELD LEASE REVENUES	-	-	-	-	-
8	417003	8043	TRANSMISSION OPERATOR REVENUE	-				
9	418110	8148	JOINT DISPATCH	1,758,341	1,800,000	1,818,000	1,836,180	1,854,542
10	419104	8036	INTEREST INCOME-OTHER	29,451	29,746	30,043	30,344	30,647
11	421003	8028	GAIN/LOSS ON DISPOSAL OF PROPERTY	267,556				
12	421004	8021	SENIOR BUILD AMERICA BONDS INTEREST SUBSIDY	1,515,810	3,565,394	3,533,303	3,482,540	3,450,906
13	421005	8036	OTHER NON-OPERATING REVENUE	3,018,232	3,048,415	3,078,899	3,109,688	3,140,785
14	421006	8021	BABS SUBSIDY INCOME	2,069,739				
15	436113	8040	Debt Mgmt Strategy Earnings	56,857,658	-	-	-	-
16	449103	8020	SO2 ALLOWANCE SALES	35	36	36	36	37
17	451002	8138	LATE PAYMENT FEES-ORACLE A/R	3,183	3,215	3,247	3,280	3,313
18	451101	8125	NON-PAY RECONNECT	948,002	957,482	967,057	976,727	986,495
19	451101	8126	RETURN CHECK	572,540	578,265	584,048	589,889	595,787
20	451101	8127	CONNECTION FEE	1,551,690	1,567,207	1,582,879	1,598,708	1,614,695
21	451101	8131	TAMPERING	21,140	21,351	21,565	21,781	21,998
22	451101	8132	DAMAGED METER	3,540	3,575	3,611	3,647	3,684
23	451101	8135	FIELD NOTIFICATION	34,115	34,456	34,801	35,149	35,500
24	451101	8139	MISCELLANEOUS CUSTOMER REVENUE	11,631	11,748	11,865	11,984	12,104
25	451101	8147	TEMP SERVICE LINE INSTALLATION FEES	41,325	41,738	42,156	42,577	43,003
26	451102	8138	LATE PAYMENT FEES	3,273,269	3,306,002	3,339,062	3,372,453	3,406,177
27	451103	8133	METER TESTING	335	338	342	345	349
28	451105	8036	OTHER MISC SERVICE REVENUE	-	-	-	-	-
29	454101	8025	TELEPHONE ATTACHMENTS	-	-	-	-	-
30	454102	8027	CABLE TV ATTACH & FEES	-	-	-	-	-
31	454102	8027	CABLE TV ATTACHMENTS & FEES	-	-	-	-	-
32	454103	8035	RENTAL INCOME	119,099	120,290	121,493	122,708	123,935
33	454103	8036	MISC NONOPERATING INCOME	-	-	-	-	-
34	454104	8147	TEMPORARY POLE REVENUE	398,224	402,206	406,228	410,291	414,394
35	454105	8021	POLE ATTACHMENT REVENUE	1,530,823				
36	454105	8027	POLE ATTACHMENT REVENUE	6,841,624	6,910,040	6,979,140	7,048,932	7,119,421
37	456001	8021	COMMISSIONS EARNED	1,080	1,091	1,102	1,113	1,124
38	456002	8021	PAYROLL FEE	6,240	6,302	6,365	6,429	6,493
39	456002	8023	OTHER REVENUES	-	(5,813,493)	(5,813,493)	(5,813,493)	(5,813,493)
40	456002	8036	MISC NONOPERATING INCOME	-	-	-	-	-
41	456003	8021	OTHER UTILITY OPERATING INCOME	(0)	(0)	(0)	(0)	(0)
42	456003	8023	MISC. INCOME	-	-	-	-	-
43	456003	8036	MISC NONOPERATING INCOME	7,500	7,575	7,651	7,727	7,805
44	456003	8036	MISC. INCOME	3,340,890				
45	456003	8116	COST RECOVERY	32,734				
46	456102	8030	SALE OF MATERIAL & TOOLS	19	19	20	20	20
47	456104	8029	TRANSMISSION - SJRPP	2,227,427	2,443,263			(0)
48	456113	8036	OTHER ELECTRIC REVENUE - FACR	-	-	-	-	-
49	456120	8029	UNBUNDLED TRANS. SALES-POINT T	855,410	863,964	872,603	881,329	890,143
50	456121	8029	UNBUNDLED TRANS. SALES-POINT T	5,507,308	5,562,381	5,618,005	5,674,185	5,730,926
51	456124	8029	NETWORK TRANSM CHARGE UNBUNDLE	1,607,810	1,607,810	1,607,810	1,607,810	1,607,810
52	456125	8029	ANCILLARY SERVICES 1 & 2	509,750	514,848	519,996	525,196	530,448
53	471001	8131	TAMPERING	390	394	398	402	406
54	471002	8139	BRANCH FEE INCOME	-	-	-	-	-
55	920101	8036	MISC NONOPERATING INCOME	-		-	-	-
56		8036	FIRST COAST RADIO	-	-	-	-	-
57			Net Transfer from Recovery	53				
58		8041	RETAIL GAS REVENUES					
59		8042	NATURAL GAS RESERVATION CHARGE REVENUE					
60	**TOTAL**			**94,963,974**	**27,595,659**	**25,378,232**	**25,587,974**	**25,819,452**
61					31,244,924	3,649,265		
62		**Jax Beach Standby Charge for COS only**		594,060	600,001	606,001	612,061	618,181

JEA IRP CAP0503 FUEL0509 BUD0504

Electric System
Budget vs. Actual

		ACTUAL 2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
Fuel Related Revenues & Expenses													
Fuel Rate Revenues			402,685,538	410,418,634	413,931,944	416,537,288	420,054,537	423,932,179	427,652,722	431,188,794	481,480,890	485,349,145	489,250,354
Fuel Discounts			(5,234,912)	(5,335,442)	(5,381,115)	(5,414,985)	(5,460,709)	(5,511,118)	(5,559,485)	(5,605,454)	(6,259,252)	(6,309,539)	(6,360,255)
Less Fuel Credit			-	-	-	-	-	-	-	-	-	-	-
Fuel Rate Revenues, Net	$	394,188,702	397,450,626	405,083,192	408,550,828	411,122,303	414,593,828	418,421,061	422,093,237	425,583,339	475,221,638	479,039,606	482,890,099
Fuel Expense and Purchased Power:													
Fuel Expense - Electric System		253,203,918	312,810,068	305,207,945	306,906,197	317,172,637	324,137,481	334,256,166	344,342,572	354,371,823	367,351,822	377,975,582	388,767,406
Fuel Expense - SJRPP		101,511,597	27,007,619	(1,598,215)	-	-	-	-	-	-	-	-	-
Other Purchased Power		87,637,742	100,491,190	101,636,537	88,375,790	86,525,580	77,940,007	89,982,807	91,782,463	93,618,112	95,490,475	97,400,284	99,348,290
Subtotal Energy Expense		442,353,257	440,308,876	405,246,267	395,281,987	403,698,216	402,077,488	424,238,973	436,125,035	447,989,936	462,842,297	475,375,867	488,115,696
Transfer to (from) Rate Stabilization, Net		(48,399,792)	(43,317,471)	(767,078)	12,664,843	6,820,088	11,912,342	(6,433,990)	(14,660,198)	(23,047,564)	11,725,554	2,996,877	(5,905,797)
Fuel Related Uncollectibles		235,237	459,221	604,003	603,998	603,998	603,998	616,078	628,400	640,968	653,787	666,863	680,200
Total		394,188,702	397,450,626	405,083,192	408,550,828	411,122,303	414,593,828	418,421,061	422,093,237	425,583,339	475,221,638	479,039,606	482,890,099
Fuel Balance		-	-	-	-	-	-	-	-	-	-	-	-
Base Rate Yield (Only Base Rev)		61.60	61.60	61.60	61.60	61.60	61.60	61.60	61.60	63.91	66.31	66.31	66.31
Environmental Rate		0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61
Nonfuel Related Revenues													
Base Rate Revenues		742,271,048	763,226,387	777,883,240	784,542,160	789,480,175	796,146,561	803,496,016	810,547,713	847,896,640	886,795,477	893,920,062	901,105,339
Conservation Charge Revenue		673,949	919,528	919,528	919,528	919,528	919,528	919,528	919,528	919,528	919,528	919,528	919,528
Environmental Charge Revenue		7,384,047	7,558,098	7,703,242	7,769,184	7,818,084	7,884,101	7,956,881	8,026,713	8,093,082	8,158,426	8,223,972	8,290,075
Investment Income		7,340,835	8,442,782	8,527,210	8,612,482	8,698,607	8,785,593	8,873,449	8,962,183	9,051,805	9,142,323	9,233,747	9,326,084
Natural Gas Revenue Pass Through		490,431	1,226,100	1,226,100	1,226,100	1,226,100	1,226,100	1,226,100	1,226,100	1,226,100	1,226,100	1,226,100	1,226,100
Other Revenues		94,963,974	27,595,659	25,378,232	25,587,974	25,819,452	26,019,356	26,219,508	26,414,678	26,544,867	26,774,141	26,817,634	26,854,650
Total		853,124,284	808,968,554	821,637,553	828,657,429	833,961,946	840,981,239	848,691,482	856,096,915	893,732,023	933,015,995	940,341,042	947,721,776
Nonfuel Related Expenses													
Non-Fuel O&M		191,411,468	0	0	0	0	0	0	0	0	0	0	0
DSM / Conservation O&M		6,505,202	6,693,935	6,693,935	6,693,935	6,693,935	6,693,935	6,693,935	6,693,935	6,693,935	6,693,935	6,693,935	6,693,935
Environmental O&M		941,772	1,182,574	1,283,874	2,589,728	3,909,042	5,256,067	6,630,734	8,026,713	8,026,713	8,026,713	8,026,713	8,026,713
Net Transfer to Rate Stabilization - DSM		180,240	445,368	539,727	593,777	633,860	687,971	747,627	804,866	859,267	912,828	966,554	1,020,737
Transfer to Environmental Fund/RSF		6,442,275	6,375,524	6,419,368	5,179,456	3,909,042	2,628,034	1,326,147	-	66,369	131,714	197,259	263,363
Natural Gas Expense Pass Through		611,286	1,348,422	1,348,422	1,348,422	1,348,422	1,348,422	1,348,422	1,348,422	1,348,422	1,348,422	1,348,422	1,348,422
Debt Principal - Electric System		129,900,000	124,980,000	116,230,000	60,790,000	59,140,000	58,135,000	49,935,000	62,905,000	87,305,000	103,475,000	109,085,000	107,280,000
Debt Interest - Electric System		95,113,611	89,071,523	87,774,546	83,257,243	80,257,242	77,373,440	76,817,294	77,199,726	76,928,630	75,997,779	73,944,122	71,816,516
Bond Buy-Back Principal - Electric System		69,099,658	-	-	-	-	-	-	-	-	-	-	-
Rate Stabilization - Debt Management		(12,242,000)	0	-	-	-	-	-	-	-	-	-	-
R&R - Electric System		62,198,300	62,365,649	60,320,959	61,336,037	61,860,413	62,254,212	62,778,753	63,355,627	63,909,508	65,965,768	70,411,882	70,969,032
Operating Capital Outlay		133,785,631	302,460,392	355,014,813	430,313,201	442,978,468	384,575,221	343,754,868	332,924,509	330,639,670	337,991,493	328,946,231	335,595,564
City Contribution Expense		92,270,692	91,471,795	92,386,513	93,310,378	94,243,482	95,185,917	96,137,776	97,099,154	98,070,145	99,050,847	100,041,355	101,041,769
Taxes & Uncollectibles		646,594	1,526,453	1,555,766	1,569,084	1,578,960	1,592,293	1,606,992	1,621,095	1,695,793	1,773,591	1,787,840	1,802,211
Contracts & Contingencies - Working Capital		-	-	-	-	-	-	-	-	-	-	-	-
Emergency Reserve		-	-	-	-	-	-	-	-	-	-	-	-
Nonfuel Purchased Power:													
* SJRPP D/S Principal		26,496,885	1,720,000	13,780,000	13,340,000	14,175,000	15,285,000	15,865,000	16,445,000	17,105,000	17,565,000	18,060,000	18,580,000
* SJRPP D/S Interest		15,804,110	11,205,270	11,127,870	10,444,195	9,893,940	9,310,340	8,692,928	8,061,363	7,359,370	6,796,661	6,199,318	5,562,186
Transfer from NFFP Stabilization Fund			*(11,744,580)*	*(14,327,360)*	*(19,999,980)*	*(24,194,210)*	*(11,532,400)*	*(1,020,450)*	*0*	*0*	*0*	*0*	*0*
Transfer to NFFP Stabilization Fund			*40,000,000*	*17,630,000*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*
** Other Non-Fuel Purchased Power		33,958,559	79,866,229	63,859,119	77,891,952	77,534,350	132,187,787	177,376,456	179,611,506	193,724,200	207,286,245	214,632,412	217,721,329
Total Nonfuel Expenses		853,124,284	808,968,554	821,637,553	828,657,429	833,961,946	840,981,239	848,691,482	856,096,915	893,732,023	933,015,995	940,341,042	947,721,776
Non-Fuel Balance		(0)	-	-	-	-	-	-	-	-	-	-	-
Total Balance	$	(0)	-	-	-	-	-	-	-	-	-	-	-
Total Revenues	$	1,247,312,985	**1,206,419,181**	**1,226,720,745**	**1,237,208,257**	**1,245,084,249**	**1,255,575,067**	**1,267,112,543**	**1,278,190,152**	**1,319,315,362**	**1,408,237,634**	**1,419,380,648**	**1,430,611,875**
Total Expenses	$	1,247,312,986	**1,206,419,181**	**1,226,720,745**	**1,237,208,257**	**1,245,084,249**	**1,255,575,067**	**1,267,112,543**	**1,278,190,152**	**1,319,315,362**	**1,408,237,634**	**1,419,380,648**	**1,430,611,875**
KWH Sold - Territorial		12,050,132,342	12,390,324	12,628,266	12,736,367	12,816,532	12,924,755	13,044,067	13,158,545	13,267,347	13,374,469	13,481,921	13,590,288
KWH Sold - Off System		150,635,000	150,200	158,700	188,900	245,500	267,600	270,070	272,441	274,693	276,911	279,136	281,379
		12,200,767,342	12,540,524	12,786,966	12,925,267	13,062,032	13,192,355	13,314,137	13,430,986	13,542,041	13,651,380	13,761,057	13,871,667

* Gross debt service
** Includes transmission capacity, Scherer R & R, O & M, Vogtle, and Other Capacity

MODELS BASED ON PUC SYSTEM CAPACITY PLANNING ASSUMPTIONS
*** ASSUMPTIONS AND FORECAST DO NOT REPRESENT A MANAGEMENT CASE FORECAST FOR FINANCIAL PURPOSES ***

JEA Rate Stabilization Funds	ACTUAL 2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047
Fuel, Beginning	180,115	131,716	88,398	97,631	100,296	107,156	119,659	112,595	97,634	74,697	86,612	89,669	83,703	68,769	64,847	91,532	86,631	75,964	90,454	94,775	88,725	72,086	91,088	98,073	95,832	91,139	119,660	137,898	133,123	125,983	104,201
Inflows		1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Outflows		43,317	797	665	11,812	6,416	12,063	36,961	23,038	1,063	4,943	6,966	16,934	4,922	2,316	45,902	11,667	14,490	6,679	7,050	17,639	14,984	18,015	7,241	4,693	4,479	22,762	38,775	28,140	23,782	22,678
Fuel, Ending	131,716.96	88,398	97,631	100,296	107,156	119,559	112,595	97,634	74,697	86,612	89,669	83,703	68,769	64,847	91,532	86,631	75,964	90,454	94,775	88,725	72,086	91,088	98,073	95,832	91,139	110,660	127,898	100,123	105,983	104,201	73,523
Debt Management, Beginning	42,126	29,884	29,884	29,884	29,884	29,884	29,884	29,884	29,884	29,884	29,884	29,884	29,884	29,884	29,884	29,884	29,884	29,884	29,884	29,884	29,884	29,884	29,884	29,884	29,884	29,884	29,884	29,884	29,884	29,884	29,884
Inflows																															
Outflows																															
Debt Management, Ending	29,884	29,884	29,884	29,884	29,884	29,884	29,884	29,884	29,884	29,884	29,884	29,884	29,884	29,884	29,884	29,884	29,884	29,884	29,884	29,884	29,884	29,884	29,884	29,884	29,884	29,884	29,884	29,884	29,884	29,884	29,884
Environmental, Beginning	26,975	36,417	42,793	49,212	54,391	58,350	60,928	62,255	62,255	62,321	62,453	62,650	62,913	63,177	63,440	63,703	63,967	64,230	64,493	64,757	65,020	65,284	65,547	65,810	66,074	66,337	66,600	66,864	67,127	67,390	67,654
Inflows		6,376	6,419	5,179	3,909	2,628	1,326	-	66	132	197	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263
Outflows		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Environmental, Ending	36,417	42,793	49,212	54,391	58,350	60,928	62,255	62,255	62,321	62,453	62,650	62,913	63,177	63,440	63,703	63,967	64,230	64,493	64,757	65,020	65,284	65,547	65,810	66,074	66,337	66,600	66,864	67,127	67,390	67,654	67,917
Purchased Power, Beginning	34,460	25,189	53,645	56,747	36,747	12,553	1,021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Inflows 57650		40,000	14,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Outflows		11,730	11,127	20,000	24,194	11,532	1,020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Purchased Power, Ending	25,189	53,645	56,747	36,747	12,553	1,021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DSM, Beginning	3,515	3,695	4,141	4,680	5,274	5,959	6,596	7,344	8,148	9,008	9,921	10,887	11,908	12,929	13,949	14,970	15,991	17,011	18,032	19,053	20,074	21,094	22,115	23,136	24,157	25,177	26,198	27,219	28,240	29,260	30,281
Inflows		446	540	594	684	637	748	804	859	913	967	1,021	1,021	1,021	1,021	1,021	1,021	1,021	1,021	1,021	1,021	1,021	1,021	1,021	1,021	1,021	1,021	1,021	1,021	1,021	1,021
Outflows		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DSM, Ending	3,695	4,141	4,680	5,274	5,959	6,596	7,344	8,148	9,008	9,921	10,887	11,908	12,929	13,949	14,970	15,991	17,011	18,032	19,053	20,074	21,094	22,115	23,136	24,157	25,177	26,198	27,219	28,240	29,260	30,281	31,302
Total Rate Stabilization Funds, Beginning	290,115	226,901	218,660	228,155	226,593	213,762	217,458	212,077	198,222	176,150	188,870	193,010	188,409	174,758	172,321	200,089	196,476	187,090	202,864	208,469	203,703	188,369	208,634	217,003	215,946	212,538	233,143	251,834	258,374	252,518	234,020
Rate Stabilization Transfers(In)/Withdrawals	(63,214)	(8,241)	9,495	(1,562)	(12,831)	3,696	(5,381)	(13,855)	(22,072)	(12,770)	4,141	(4,602)	(13,651)	17,562	7,768	(3,613)	(9,386)	(2,774)	5,606	(4,766)	(15,335)	(30,276)	9,288	(1,057)	(13,408)	(30,405)	(18,691)	6,539	(5,855)	(18,498)	(30,364)
Total Rate Stabilization Funds, Ending	226,901	218,660	228,155	226,593	213,762	217,458	212,077	198,222	176,150	163,380	193,010	188,409	174,758	192,321	200,089	196,476	187,090	202,864	208,469	203,703	188,369	158,093	217,923	215,946	202,538	182,133	214,451	258,373	252,518	234,020	203,657
Health Insurance, Beginning		9,214	9,214	9,214	9,214	9,214	9,214	9,214	9,214	9,214	9,214	9,214	9,214	9,214	9,214	9,214	9,214	9,214	9,214	9,214	9,214	9,214	9,214	9,214	9,214	9,214	9,214	9,214	9,214	9,214	9,214
Inflows																															
Outflows																															
Health Insurance, Ending	9,214	9,214	9,214	9,214	9,214	9,214	9,214	9,214	9,214	9,214	9,214	9,214	9,214	9,214	9,214	9,214	9,214	9,214	9,214	9,214	9,214	9,214	9,214	9,214	9,214	9,214	9,214	9,214	9,214	9,214	9,214
Property Insurance, Beginning		10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000
Inflows																															
Outflows																															
Property Insurance, Ending	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000
Total Self Insurance Funds, Beginning		19,214	19,214	19,214	19,214	19,214	19,214	19,214	19,214	19,214	19,214	19,214	19,214	19,214	19,214	19,214	19,214	19,214	19,214	19,214	19,214	19,214	19,214	19,214	19,214	19,214	19,214	19,214	19,214	19,214	19,214
Self Insurance Transfers (Withdrawals)																															
Total Self Insurance Stabilization Funds, Ending	19,214	19,214	19,214	19,214	19,214	19,214	19,214	19,214	19,214	19,214	19,214	19,214	19,214	19,214	19,214	19,214	19,214	19,214	19,214	19,214	19,214	19,214	19,214	19,214	19,214	19,214	19,214	19,214	19,214	19,214	19,214
Environmental Liability Reserve, Beginning		17,672	17,672	17,672	17,672	17,672	17,672	17,672	17,672	17,672	17,672	17,672	17,672	17,672	17,672	17,672	17,672	17,672	17,672	17,672	17,672	17,672	17,672	17,672	17,672	17,672	17,672	17,672	17,672	17,672	17,672
Inflows																															
Outflows																															
Environmental Liability Reserve, Ending	17,672	17,672	17,672	17,672	17,672	17,672	17,672	17,672	17,672	17,672	17,672	17,672	17,672	17,672	17,672	17,672	17,672	17,672	17,672	17,672	17,672	17,672	17,672	17,672	17,672	17,672	17,672	17,672	17,672	17,672	17,672
Customer Deposits, Beginning		42,105	42,105	42,105	42,105	42,105	42,105	42,105	42,105	42,105	42,105	42,105	42,105	42,105	42,105	42,105	42,105	42,105	42,105	42,105	42,105	42,105	42,105	42,105	42,105	42,105	42,105	42,105	42,105	42,105	42,105
Inflows																															
Outflows																															
Customer Deposits, Ending	42,105	42,105	42,105	42,105	42,105	42,105	42,105	42,105	42,105	42,105	42,105	42,105	42,105	42,105	42,105	42,105	42,105	42,105	42,105	42,105	42,105	42,105	42,105	42,105	42,105	42,105	42,105	42,105	42,105	42,105	42,105

Deferred Inflows

Costs to be Recovered from Future Revenues																															
21/189001 Deferred Revenues - DSM	3,695,214	4,140,583	4,680,309	5,274,087	5,907,946	6,596,918	7,343,545	8,148,411	9,007,676	9,920,597	10,887,591	11,907,788	12,928,536	13,949,273	14,970,011	15,990,748	17,011,486	18,032,223	19,052,961	20,073,698	21,094,436	22,115,173	23,136,911	24,156,648	25,177,386	26,198,123	27,218,861	28,239,598	29,260,336	30,281,073	31,301,811
21/189002 Deferred Revenues - Debt Management	29,884,152	29,884,152	29,884,152	29,884,152	29,884,152	29,884,152	29,884,152	29,884,152	29,884,152	29,884,152	29,884,152	29,884,152	29,884,152	29,884,152	29,884,152	29,884,152	29,884,152	29,884,152	29,884,152	29,884,152	29,884,152	29,884,152	29,884,152	29,884,152	29,884,152	29,884,152	29,884,152	29,884,152	29,884,152	29,884,152	29,884,152
21/189003 Deferred Revenues - Environmental	26,218,999	42,792,523	49,211,891	54,391,347	58,350,390	60,928,423	62,254,570	62,254,570	62,320,638	62,452,810	62,649,912	62,913,275	63,176,938	63,440,600	63,703,363	63,966,726	64,230,089	64,493,452	64,756,814	65,020,177	65,283,540	65,546,903	65,810,266	66,073,628	66,336,991	66,600,354	66,863,717	67,127,080	67,390,442	67,653,805	67,917,168
21/189004 Deferred Revenues - Fuel	131,715,964	88,398,393	97,631,316	100,296,159	107,116,247	119,108,589	112,594,599	97,564,401	74,696,637	86,612,391	89,668,298	83,703,471	68,768,677	64,847,033	91,531,921	86,630,646	75,964,222	90,452,838	94,775,297	88,725,306	72,086,367	91,087,939	98,072,994	95,831,706	91,139,477	110,660,285	127,967,522	133,122,918	125,983,436	105,291,178	73,523,290
21/189005 Deferred Revenues - Purchased Power	25,189,000	53,444,555	56,747,141	36,747,141	12,552,951	1,020,951	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101
Total	**226,901,211**	**218,660,152**	**228,154,809**	**226,592,906**	**213,761,686**	**217,457,632**	**212,879,966**	**198,221,635**	**176,096,707**	**188,869,803**	**193,030,493**	**189,459,796**	**174,758,303**	**192,135,559**	**200,089,248**	**196,474,282**	**197,090,050**	**202,963,756**	**208,469,335**	**203,703,435**	**188,350,625**	**208,630,168**	**217,903,413**	**215,946,236**	**202,538,107**	**232,143,015**	**261,834,352**	**256,373,849**	**252,518,467**	**234,020,330**	**202,626,521**
21/186020 Self Insurance-Health	9,213,983	9,213,983	9,213,983	9,213,983	9,213,983	9,213,983	9,213,983	9,213,983	9,213,983	9,213,983	9,213,983	9,213,983	9,213,983	9,213,983	9,213,983	9,213,983	9,213,983	9,213,983	9,213,983	9,213,983	9,213,983	9,213,983	9,213,983	9,213,983	9,213,983	9,213,983	9,213,983	9,213,983	9,213,983	9,213,983	9,213,983
Total	**9,213,983**	**9,213,983**	**9,213,983**	**9,213,983**	**9,213,983**	**9,213,983**	**9,213,983**	**9,213,983**	**9,213,983**	**9,213,983**	**9,213,983**	**9,213,983**	**9,213,983**	**9,213,983**	**9,213,983**	**9,213,983**	**9,213,983**	**9,213,983**	**9,213,983**	**9,213,983**	**9,213,983**	**9,213,983**	**9,213,983**	**9,213,983**	**9,213,983**	**9,213,983**	**9,213,983**	**9,213,983**	**9,213,983**	**9,213,983**	**9,213,983**
51/183130 Cost Recovery B/S account -Int up	19,675,245	19,675,245	19,675,245	19,675,245	19,675,245	19,675,245	19,675,245	19,675,245	19,675,245	19,675,245	19,675,245	19,675,245	19,675,245	19,675,245	19,675,245	19,675,245	19,675,245	19,675,245	19,675,245	19,675,245	19,675,245	19,675,245	19,675,245	19,675,245	19,675,245	19,675,245	19,675,245	19,675,245	19,675,245	19,675,245	19,675,245
51/183131 Cost Recovery B/S account - Future	21,562,569	21,562,569	21,562,569	21,562,569	21,562,569	21,562,569	21,562,569	21,562,569	21,562,569	21,562,569	21,562,569	21,562,569	21,562,569	21,562,569	21,562,569	21,562,569	21,562,569	21,562,569	21,562,569	21,562,569	21,562,569	21,562,569	21,562,569	21,562,569	21,562,569	21,562,569	21,562,569	21,562,569	21,562,569	21,562,569	21,562,569
51/154006 Cost Recovery - New	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Scherer Total	**41,237,814**	**41,237,814**	**41,437,814**	**41,437,814**	**41,437,814**	**41,437,814**	**41,437,814**	**41,437,814**	**41,437,814**	**41,437,814**	**41,437,814**	**41,437,814**	**41,437,814**	**41,437,814**	**41,437,814**	**41,437,814**	**41,437,814**	**41,437,814**	**41,437,814**	**41,437,814**	**41,437,814**	**41,437,814**	**41,437,814**	**41,437,814**	**41,437,814**	**41,437,814**	**41,437,814**	**41,437,814**	**41,437,814**	**41,437,814**	**41,437,814**
Revenues to be used for future costs	**277,353,107**	**269,111,948**	**278,806,606**	**277,244,703**	**264,413,483**	**268,109,429**	**262,730,763**	**248,873,432**	**226,751,504**	**239,521,600**	**243,682,290**	**239,060,593**	**225,409,900**	**242,772,356**	**250,741,044**	**249,125,080**	**247,741,864**	**253,515,552**	**259,121,132**	**254,355,231**	**239,002,422**	**259,285,965**	**268,550,210**	**266,598,033**	**253,189,904**	**282,794,811**	**302,484,149**	**309,035,646**	**303,179,264**	**284,672,107**	**252,278,318**
21/186008 Deferred Revenues - Investment Experience	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21/186009 Deferred Revenues - Actuarial Experience	1,540,434	1,540,434	1,540,434	1,540,434	1,540,434	1,540,434	1,540,434	1,540,434	1,540,434	1,540,434	1,540,434	1,540,434	1,540,434	1,540,434	1,540,434	1,540,434	1,540,434	1,540,434	1,540,434	1,540,434	1,540,434	1,540,434	1,540,434	1,540,434	1,540,434	1,540,434	1,540,434	1,540,434	1,540,434	1,540,434	1,540,434
21/186012 Deferred Revenues - Change in Assumptions	3,326,572	3,326,572	3,326,572	3,326,572	3,326,572	3,326,572	3,326,572	3,326,572	3,326,572	3,326,572	3,326,572	3,326,572	3,326,572	3,326,572	3,326,572	3,326,572	3,326,572	3,326,572	3,326,572	3,326,572	3,326,572	3,326,572	3,326,572	3,326,572	3,326,572	3,326,572	3,326,572	3,326,572	3,326,572	3,326,572	3,326,572
Unrealized pension gains	**4,867,006**	**4,867,006**	**4,867,006**	**4,867,006**	**4,867,006**	**4,867,006**	**4,867,006**	**4,867,006**	**4,867,006**	**4,867,006**	**4,867,006**	**4,867,006**	**4,867,006**	**4,867,006**	**4,867,006**	**4,867,006**	**4,867,006**	**4,867,006**	**4,867,006**	**4,867,006**	**4,867,006**	**4,867,006**	**4,867,006**	**4,867,006**	**4,867,006**	**4,867,006**	**4,867,006**	**4,867,006**	**4,867,006**	**4,867,006**	**4,867,006**

Other Unrestricted Cash and Investments

21/186109 Self-Insurance Reserve	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000
021/228140 Environmental Liability Accrual	17,671,600	17,671,600	17,671,600	17,671,600	17,671,600	17,671,600	17,671,600	17,671,600	17,671,600	17,671,600	17,671,600	17,671,600	17,671,600	17,671,600	17,671,600	17,671,600	17,671,600	17,671,600	17,671,600	17,671,600	17,671,600	17,671,600	17,671,600	17,671,600	17,671,600	17,671,600	17,671,600	17,671,600	17,671,600	17,671,600	17,671,600

MODEL IS BASED ON PSC SYSTEM CAPACITY PLANNING ASSUMPTIONS
*** ASSUMPTIONS AND FORECAST DO NOT REPRESENT A MANAGEMENT CASE FORECAST FOR FINANCIAL PURPOSES ***

JEA
Electric System
Budget to GAAP

	ACTUAL 2017	2018	2019	2020	2021	2022
Fuel Related Revenues & Expenses						
Fuel Rate Revenues	$ 394,188,702	397,450,626	405,083,192	408,550,828	411,122,303	414,593,828
Interchange Sales ET4208	5,239,757	1,342,219	2,220,000	2,060,000	1,944,000	1,876,000
Stabilization (Fuel)	48,399,792	43,317,471	767,078	(12,664,843)	(6,820,088)	(11,912,342)
Bad Debts 904001 (1/3)	(197,333)	(597,032)	(652,794)	(654,882)	(655,742)	(657,670)
GAAP Adjusted Fuel Revenues	**447,630,917**	**441,513,284**	**407,417,476**	**397,291,103**	**405,590,472**	**403,899,816**
Fuel Expense and Purchased Power:						
Fuel Expense - Electric System	253,203,918	312,810,068	305,207,945	306,906,197	317,172,637	324,137,481
SCHERER - Fuel Expense 501170	36,744,576	27,295,626	37,562,000	30,458,400	32,931,100	30,766,400
GAAP Adjusted Operating Fuel	**289,948,494**	**340,105,693**	**342,769,945**	**337,364,597**	**350,103,737**	**354,903,881**
Fuel Expense - SJRPP	101,511,597	27,007,619	(1,598,215)	-	-	-
SJRPP Non Fuel O&M 555111	23,690,484	6,250,000	-	-	-	-
SJRPP Princ 555112/4411	26,496,885	1,720,000	13,780,000	13,340,000	14,175,000	15,285,000
SJRPP Interest 555112/4412	15,804,110	11,205,270	11,127,870	10,444,195	9,893,940	9,310,340
SJRPP Early Debt Retirement	-	-	-	-	-	-
SJRPP Investment Inc 555112/4413	(3,889,620)	-	-	-	-	(24,595,340)
SJRPP R&R 555112/4415 & 555114/4415	(23,451,941)	(4,395,310)	2,976,288	2,930,883	2,970,359	3,040,087
GAAP Adjusted SJRPP Fuel	140,161,515	41,787,578	26,285,943	26,715,078	27,039,299	3,040,087
Other Purchased Power	87,637,742	100,491,190	101,636,537	88,375,790	86,525,580	77,940,007
Vogtle PPA	9,211,249	11,744,583	14,327,360	19,999,980	34,992,314	101,483,925
Additional Capacity		7,249,500	9,666,000	8,234,000	3,580,000	-
Interchange Sales ET4208	5,239,757	1,342,219	2,220,000	2,060,000	1,944,000	1,876,000
Equity in Earnings of TEA 418110/4206	4,576,837	2,931,332	610,463	855,610	1,566,520	2,040,393
CCG & Other Capacity 555106/4207	7,535,880	7,200,000	7,200,000	7,200,000	7,200,000	7,200,000
SCHERER - Fuel Expense 501170	(36,744,576)	(27,295,626)	(37,562,000)	(30,458,400)	(32,931,100)	(30,766,400)
GAAP Adjusted Other PP	77,456,888	103,663,198	98,098,360	96,266,980	102,877,314	159,773,925
GAAP Adjusted Purchase Power	**217,618,403**	**145,450,776**	**124,384,303**	**122,982,058**	**129,916,613**	**162,814,011**
Transfer to (from) Rate Stabilization, Net	(48,399,792)	(43,317,471)	(767,078)	12,664,843	6,820,088	11,912,342
Fuel Stabil 407147/5620	48,399,792	43,317,471	767,078	(12,664,843)	(6,820,088)	(11,912,342)
Fuel Related Uncollectibles	235,237	459,221	604,003	603,998	603,998	603,998
Bad Debts	(235,237)	(459,221)	(604,003)	(603,998)	(603,998)	(603,998)
GAAP Adjusted Other Fuel	**-**	**-**	**-**	**-**	**-**	**-**
Nonfuel Related Revenues						
Base Rate Revenues	742,271,048	763,226,387	777,883,240	784,542,160	789,480,175	796,146,561
Conservation Charge Revenue	673,949	919,528	919,528	919,528	919,528	919,528
Environmental Charge Revenue	7,384,047	7,558,098	7,703,242	7,769,184	7,818,084	7,884,101
Stabilization (NFPP)	9,211,249	11,744,580	14,327,360	19,999,980	24,194,210	11,532,400
Bad Debts 904001 (2/3)	(400,645)	(1,194,064)	(1,305,588)	(1,309,764)	(1,311,485)	(1,315,339)
MEAG NFPP Contribution		(40,000,000)	(17,630,000)	-	-	-
Rate Stabilization - Debt Management	12,242,000	-	-	-	-	-
Stabilization (Environmental/DSM)	(6,622,515)	(6,820,892)	(6,959,095)	(5,773,234)	(4,542,902)	(3,316,005)
State Utility Tax 408111	28,428,252	29,040,199	29,597,443	29,850,610	30,038,350	30,291,802
Franchise Fees 408117-408121	29,325,230	29,956,485	30,531,311	30,792,467	30,986,130	31,247,579
GAAP Adjusted Base Revenues	**822,512,614**	**794,430,321**	**835,067,442**	**866,790,931**	**877,582,092**	**873,390,626**
Equity in Earnings of TEA 418110/8148	1,758,341	1,800,000	1,818,000	1,836,180	1,854,542	1,873,087
Equity in Earnings of TEA 418110/4206	4,576,837	2,931,332	610,463	855,610	1,566,520	2,040,393
GAAP Earnings from TEA	**6,335,178**	**4,731,332**	**2,428,463**	**2,691,790**	**3,421,062**	**3,913,480**
Investment Income	7,340,835	8,442,782	8,527,210	8,612,482	8,698,607	8,785,593
Interest Income Other 419104 ET 8036	29,451	29,746	30,043	30,344	30,647	30,954
Miscellaneous Income 456003 ET8021	(0)	(0)	(0)	(0)	(0)	(0)
P Market Value Adjustments 419030	(2,193,473)					
GAAP Adjusted Investment Income	**5,176,813**	**8,472,528**	**8,557,253**	**8,642,826**	**8,729,254**	**8,816,547**
Natural Gas Revenue Pass Through	490,431	1,226,100	1,226,100	1,226,100	1,226,100	1,226,100
Natural Gas Retail Revenues 417001 ET 8041	(490,431)	(1,226,100)	(1,226,100)	(1,226,100)	(1,226,100)	(1,226,100)
GAAP Adjusted Other Nonfuel Related Revenue	-	-	-	-	-	-
Other Revenues	94,963,974	27,595,659	25,378,232	25,587,974	25,819,452	26,019,356
Interest Income Other 419104 ET 8036	(29,451)	(29,746)	(30,043)	(30,344)	(30,647)	(30,954)

	Senior BABS 421004 ET 8021	(1,515,810)	-	-	-	-	-
	Other NonOperating Inc 421005 ET 8036	(3,018,232)	(3,048,415)	(3,078,899)	(3,109,688)	(3,140,785)	(3,172,193)
	Sub BABS 421006 ET 8021	(2,069,739)	(3,565,394)	(3,533,303)	(3,482,540)	(3,450,906)	(3,385,068)
	Equity in Earnings of TEA 418110/8148	(1,758,341)	(1,800,000)	(1,818,000)	(1,836,180)	(1,854,542)	(1,873,087)
	Transmission Revenue	-	-	-	-	-	-
	Other NonOperating Inc 421005 ET 8036	0	0	0	0	0	0
	Miscellaneous Income 456003 ET8021	0.12	0.12	0	0	0	0
	Tampering 471001 ET 8131	(390)	(394)	(398)	(402)	(406)	(410)
	Net Transfer from Recovery	(53)					
	Gain/Loss on Sale of Property 421003 ET 802	(267,556)	-	-	-	-	-
P	Debt Mgmt ET8040/Debt Defeasance	(56,857,658)					
P	Mis Income Non Bud 456003 ET 6103	550					
	GAAP Adjusted Other, net of allowances	**29,447,294**	**19,151,711**	**16,917,589**	**17,128,822**	**17,342,167**	**17,557,645**
	Budget Base Revenues	*853,124,284*	*808,968,554*	*821,637,553*	*828,657,429*	*833,961,946*	*840,981,239*
	Check	-	-	-	-	-	-
	Nonfuel Related Expenses						
	Non-Fuel O&M	191,411,468	-	-	-	-	-
	DSM / Conservation O&M	6,505,202	6,693,935	6,693,935	6,693,935	6,693,935	6,693,935
	Environmental O&M	941,772	1,182,574	1,283,874	2,589,728	3,909,042	5,256,067
	Net Transfer to Rate Stabilization - DSM	180,240	445,368	539,727	593,777	633,860	687,971
	Transfer to Environmental Fund/RSF	6,442,275	6,375,524	6,419,368	5,179,456	3,909,042	2,628,034
	Natural Gas Expense Pass Through	611,286	1,348,422	1,348,422	1,348,422	1,348,422	1,348,422
	Rate Stabilization - Debt Management	(12,242,000)	-	-	-	-	-
	Rate Stabilization - Debt Management Revenu	12,242,000	-	-	-	-	-
	Scherer R&R 51/426120-426121	6,571,133	24,432,091	5,849,342	10,669,349	4,013,145	15,560,723
	Scherer O&M 500151	7,847,973	10,736,537	6,988,463	11,386,899	7,382,275	12,097,305
	Scherer Transmission 560180	5,503,635	5,500,000	5,500,000	5,500,000	5,500,000	5,500,000
	Budget Adj - Non Fuel Pur 923101-930101 ET	775	775	775	775	775	775
	Transfer to DSM Stabilization	(180,240)	(445,368)	(539,727)	(593,777)	(633,860)	(687,971)
	Transfer to Environmental Fund/RSF	(6,442,275)	(6,375,524)	(6,419,368)	(5,179,456)	(3,909,042)	(2,628,034)
	Interest on Customer Deposits	(417,418)	(926,310)	(926,310)	(926,310)	(926,310)	(926,310)
	Nat Gas Retail Exp 417011 ET 1000-3999	(611,286)	(1,348,422)	(1,348,422)	(1,348,422)	(1,348,422)	(1,348,422)
	Misc AR Adj 904002 ET 5302	86,818					
P	Benefits OPEB	51,976					
P	Terminal Leave 926121	1,646,334					
P	Inventory Adjustment 426101 ET 6103	-					
P	Writeoffs ET6103	168,316					
P	Budget Recognition of Env Expenses	(883,996)					
	GAAP Adjusted Operating & Maint Expense	**219,433,990**	**47,619,602**	**25,390,078**	**35,914,376**	**26,572,862**	**44,182,494**
	Debt Principal - Electric System	129,900,000	124,980,000	116,230,000	60,790,000	59,140,000	58,135,000
	Non-I/S Debt Principal	(129,900,000)	(124,980,000)	(116,230,000)	(60,790,000)	(59,140,000)	(58,135,000)
	GAAP Adjusted Debt Expense	-	-	-	-	-	-
	Debt Interest - Electric System	95,113,611	89,071,523	87,774,546	83,257,243	80,257,242	77,373,440
	Scherer D/S Interest 436117 ET 4422	3,775,050	4,232,757	3,959,437	3,716,367	3,498,422	3,273,742
	Scherer BABS 4210004 ET 0000	699,395	667,262	624,800	592,930	550,979	511,978
P	Amortization of Bond Issue Costs - 428101-4281	(8,072,958)	21,154,356	(12,963,455)	(10,142,843)	(8,740,986)	(7,623,921)
P	JEA Amortization of Loss on refundings	-	8,157,763	7,918,849	5,789,606	5,756,811	5,722,523
P	FASB 71 - Scherer 427006 428006-428008	224,019					
P	FASB 71 - Amort BIC	235,708					
P	Loss on Debt Retirm 426151 ET 5401	2,375,100					
P	Unspent 3/2014 COI to pay DS int	-					
	Subtotal	(94,349,924)	(123,283,662)	(87,314,178)	(83,213,302)	(81,322,467)	(79,257,762)
	GAAP Adjusted Interest on debt	**(81,329,227)**	**(114,203,098)**	**(82,298,490)**	**(80,222,197)**	**(78,364,489)**	**(76,358,678)**
	Debt Mgmt Swap Interest 427141 ET 5104	**(13,020,697)**	**(9,080,564)**	**(5,015,688)**	**(2,991,105)**	**(2,957,979)**	**(2,899,084)**
	Other Interest, Net	**417,418**	**926,310**	**926,310**	**926,310**	**926,310**	**926,310**
***	Bond Buy-Back Principal - Electric System	69,099,658	-	-	-	-	-
	Non-I/S Bond Buyback	(69,099,658)	-	-	-	-	-
	R&R - Electric System	62,198,300	62,365,649	60,320,959	61,336,037	61,860,413	62,254,212
	Non I/S R&R	(62,198,300)	(62,365,649)	(60,320,959)	(61,336,037)	(61,860,413)	(62,254,212)

	Operating Capital Outlay	133,785,631	302,460,392	355,014,813	430,313,201	442,978,468	384,575,221
	Non I/S OCO	(133,785,631)	(302,460,392)	(355,014,813)	(430,313,201)	(442,978,468)	(384,575,221)
	City Contribution Expense	92,270,692	91,471,795	92,386,513	93,310,378	94,243,482	95,185,917
	GAAP General fund, City of Jacksonville	**92,270,692**	**91,471,795**	**92,386,513**	**93,310,378**	**94,243,482**	**95,185,917**
	Taxes & Uncollectibles	646,594	1,526,453	1,555,766	1,569,084	1,578,960	1,592,293
	UNCOLLECTABLE ACCOUNTS	(362,742)	(1,526,453)	(1,555,766)	(1,569,084)	(1,578,960)	(1,592,293)
	PSC COMMISSION FEES	-	194,578	201,388	208,436	215,732	223,282
	Scherer Prop Tax 408113	1,170,190	1,205,296	1,241,455	1,278,699	1,317,060	1,356,571
	State Utility Tax 408111	28,428,252	29,040,199	29,597,443	29,850,610	30,038,350	30,291,802
	Franchise Fees 408117-408121	29,325,230	29,956,485	30,531,311	30,792,467	30,986,130	31,247,579
	Misc AR Adj 904002 ET 5302	(86,818)	-	-	-	-	-
	GAAP State utility taxes and franchise fees	**59,120,706**	**60,396,557**	**61,571,596**	**62,130,212**	**62,557,272**	**63,119,234**
	Contracts & Contingencies - Working Capital	-	-	-	-	-	-
	Emergency Reserve	-	-	-	-	-	-
	Nonfuel Purchased Power:						
*	SJRPP D/S Principal	26,496,885	1,720,000	13,780,000	13,340,000	14,175,000	15,285,000
*	SJRPP D/S Interest	15,804,110	11,205,270	11,127,870	10,444,195	9,893,940	9,310,340
	SJRPP Princ 555112/4411	(26,496,885)	(1,720,000)	(13,780,000)	(13,340,000)	(14,175,000)	(15,285,000)
	SJRPP Interest 555112/4412	(15,804,110)	(11,205,270)	(11,127,870)	(10,444,195)	(9,893,940)	(9,310,340)
		-	-	-	-	-	-
	Transfer from NFFP Stabilization Fund	-	**(11,744,580)**	**(14,327,360)**	**(19,999,980)**	**(24,194,210)**	**(11,532,400)**
	Transfer to NFFP Stabilization Fund	-	40,000,000	17,630,000	-	-	-
	MEAG NFPP Contribution		(40,000,000)	(17,630,000)	-	-	-
	Stabilization (NFPP)		11,744,580	14,327,360	19,999,980	24,194,210	11,532,400
			-	-	-	-	-
**	Other Non-Fuel Purchased Power	33,958,559	79,866,229	63,859,119	77,891,952	77,534,350	132,187,787
	SJRPP Early Debt Retirement		-	-	-	-	-
	SJRPP Non Fuel O&M 555111	(23,690,484)	(6,250,000)	-	-	-	-
	SJRPP Investment Inc 555112/4413	3,889,620	-	-	-	-	24,595,340
	SJRPP R&R 555112/4415 & 555114/4415	23,451,941	4,395,310	(2,976,288)	(2,930,883)	(2,970,359)	(3,040,087)
	CCG & Other Capacity 555106/4207	(7,535,880)	(7,200,000)	(7,200,000)	(7,200,000)	(7,200,000)	(7,200,000)
	Scherer R&R	(6,571,133)	(24,432,091)	(5,849,342)	(10,669,349)	(4,013,145)	(15,560,723)
	Scherer O&M	(7,847,973)	(10,736,537)	(6,988,463)	(11,386,899)	(7,382,275)	(12,097,305)
	Scherer Transmission 560180/4426	(5,503,635)	(5,500,000)	(5,500,000)	(5,500,000)	(5,500,000)	(5,500,000)
	Scherer Prop Tax 408113	(1,170,190)	(1,205,296)	(1,241,455)	(1,278,699)	(1,317,060)	(1,356,571)
	Budget Adj - Non Fuel Pur 923101-930101 ET 4	(775)	(775)	(775)	(775)	(775)	(775)
	Scherer D/S Interest 436117/4422	(3,775,050)	(4,232,757)	(3,959,437)	(3,716,367)	(3,498,422)	(3,273,742)
P	Scherer D/S Principal 436117/4421	(5,205,000)	(5,710,000)	(6,150,000)	(6,975,000)	(7,080,000)	(7,270,000)
	Additional Capacity		(7,249,500)	(9,666,000)	(8,234,000)	(3,580,000)	-
	Vogtle PPA		(11,744,583)	(14,327,360)	(19,999,980)	(34,992,314)	(101,483,925)
		-	-	-	-	-	-
	Budget Non-Fuel Expenses	853,124,284	808,968,554	821,637,553	828,657,429	833,961,946	840,981,239
	Budget Non-Fuel Balance	(0)	-	-	-	-	-
	Nonoperating revenues (expenses):						
	Other Non-Operating Revenues						
	Natural Gas Retail Revenues 417001 ET 8041	490,431	1,226,100	1,226,100	1,226,100	1,226,100	1,226,100
	Senior BABS 421004 ET 8021	1,515,810	-	-	-	-	-
	Sub BABS 421006 ET 8021	2,069,739	3,565,394	3,533,303	3,482,540	3,450,906	3,385,068
	Other NonOperating Inc 421005 ET 8036	3,018,232	3,048,415	3,078,899	3,109,688	3,140,785	3,172,193
	Scherer BABS 4210004 ET 0000	699,395	667,262	624,800	592,930	550,979	511,978
	Gain/Loss on Sale of Property 421003 ET 802	267,556					
P	Other NonOperating Inc 421005 ET 8036	(2,854,291)	(0)	(0)	(0)	(0)	(0)
P	BABS 421004,421006 ET 8021/ 421004 ET0000						
	Other Non-Operating Revenues	5,206,872	8,507,171	8,463,102	8,411,257	8,368,769	8,295,338
	Other Non-Operating Expenses						
	Transmission - Operator Revenue	-	-	-	-	-	-
	Natural Gas Retail Expenses 417011 ET 1000	611,286	1,348,422	1,348,422	1,348,422	1,348,422	1,348,422
	Other Non-Operating Expenses	611,286	1,348,422	1,348,422	1,348,422	1,348,422	1,348,422
	Other nonoperating income, net	**4,595,586**	**7,158,749**	**7,114,680**	**7,062,835**	**7,020,347**	**6,946,916**
	Total Balance $	(0)	(0)	-	0	-	0
	Total Revenues **$**	**1,247,312,985**	**1,206,419,181**	**1,226,720,745**	**1,237,208,257**	**1,245,084,249**	**1,255,575,067**

Total Expenses	**$**	**1,247,312,986**	**1,206,419,181**	**1,226,720,745**	**1,237,208,257**	**1,245,084,249**	**1,255,575,067**
MWH Sold - Territorial		12,050,132	12,390,324	12,628,266	12,736,367	12,816,532	12,924,755
MWH Sold - Off System		150,635	150,200	158,700	188,900	245,500	267,600
		12,200,767	12,540,524	12,786,966	12,925,267	13,062,032	13,192,355

* Gross debt service
** Includes transmission capacity, SJRPP and Scherer R & R, O & M and Investment Income. Includes $26.0M to Non-Fuel Purchased Power Rate Stabilization.
*** Bond Buy-Back Principal of $25.0M was defeased July 16, 2015 and $40.8M was defeased on August 25, 2015.

Revenues		1,255,095,316	1,259,402,507	1,281,210,856	1,300,514,731	1,294,848,088
Operating Expenses		(593,572,629)	(554,115,922)	(558,391,243)	(569,150,484)	(625,019,621)
EBITDA		661,522,686	705,286,584	722,819,613	731,364,246	669,828,467
Non Operating Items		(105,647,363)	(71,958,091)	(67,578,341)	(64,932,656)	(62,380,216)
Contribution		(91,471,795)	(92,386,513)	(93,310,378)	(94,243,482)	(95,185,917)
Earning Before Depreciation		464,403,528	540,941,980	561,930,894	572,188,109	512,262,334
R&R, OCO, Principal		489,806,042	531,565,772	552,439,238	563,978,881	504,964,433
		(25,402,513)	9,376,208	9,491,656	8,209,227	7,297,901

Debt Service for Cost of Service						
Debt Interest - Electric System	95,113,611	89,071,523	87,774,546	83,257,243	80,257,242	77,373,440
Debt Mgmt Swap Interest 427141 ET 5104	13,020,697	9,080,564	5,015,688	2,991,105	2,957,979	2,899,084
BABS Subsidy	3,595,163	3,565,394	3,533,303	3,482,540	3,450,906	3,385,068
CP Variable Rate Financing Costs	2,860,220					
Swap Expenses & Reserves	**19,476,080**	**12,645,958**	**8,548,991**	**6,473,645**	**6,408,885**	**6,284,152**
Debt Interest - Electric System	75,637,531	76,425,565	79,225,555	76,783,598	73,848,357	71,089,288
Debt Principal - Electric System	129,900,000	124,980,000	116,230,000	60,790,000	59,140,000	58,135,000
Debt Service	**205,537,531**	**201,405,565**	**195,455,555**	**137,573,598**	**132,988,357**	**129,224,288**

Franchise Fee	29,956,485	30,531,311	30,792,467	30,986,130	31,247,579
Public Service Tax	85,342,700	89,519,620	92,743,401	93,860,657	93,493,001

#REF!

2023	2024	2025	2026	2027	2028	2029	2030
418,421,061	422,093,237	425,583,339	475,221,638	479,039,606	482,890,099	482,890,099	526,484,344
1,913,520	1,951,790	1,990,826	2,030,643	2,071,256	2,112,681	2,154,934	2,198,033
6,433,990	14,660,198	23,047,564	(11,725,554)	(2,996,877)	5,905,797	14,934,794	(16,078,356)
(663,991)	(670,103)	(696,401)	(723,719)	(729,838)	(735,980)	(737,313)	(738,624)
426,104,580	**438,035,122**	**449,925,329**	**464,803,008**	**477,384,147**	**490,172,597**	**499,242,515**	**511,865,397**
334,256,166	344,342,572	354,371,823	367,351,822	377,975,582	388,767,406	395,795,833	406,336,346
31,381,728	32,009,363	32,649,550	33,302,541	33,968,592	34,647,963	35,340,923	36,047,741
365,637,894	**376,351,934**	**387,021,373**	**400,654,363**	**411,944,174**	**423,415,369**	**431,136,756**	**442,384,088**
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
15,865,000	16,445,000	17,105,000	17,565,000	18,060,000	18,580,000	15,725,000	16,245,000
8,692,928	8,061,363	7,359,370	6,796,661	6,199,318	5,562,186	4,836,194	4,257,600
-	-	-	-	-	-	-	-
(24,557,928)	(24,506,363)	(18,575,370)	-	-	-	-	-
3,039,548	3,037,477	3,036,834	3,028,862	3,021,214	3,012,015	2,570,149	2,562,825
3,039,548	3,037,477	8,925,834	27,390,524	27,280,532	27,154,201	23,131,343	23,065,425
89,982,807	91,782,463	93,618,112	95,490,475	97,400,284	99,348,290	101,335,256	103,361,961
151,659,675	163,017,040	166,690,392	165,961,607	167,545,122	172,323,909	171,209,170	172,465,166
-	-	-	-	-	-	-	-
1,913,520	1,951,790	1,990,826	2,030,643	2,071,256	2,112,681	2,154,934	2,198,033
2,081,201	2,122,825	2,165,281	2,208,587	2,252,759	2,297,814	2,343,770	2,390,646
7,200,000	7,200,000	7,200,000	7,200,000	7,200,000	7,200,000	7,200,000	7,200,000
(31,381,728)	(32,009,363)	(32,649,550)	(33,302,541)	(33,968,592)	(34,647,963)	(35,340,923)	(36,047,741)
221,455,475	234,064,756	239,015,063	239,588,771	242,500,829	248,634,730	248,902,207	251,568,064
224,495,023	**237,102,232**	**247,940,897**	**266,979,295**	**269,781,361**	**275,788,931**	**272,033,550**	**274,633,489**
(6,433,990)	(14,660,198)	(23,047,564)	11,725,554	2,996,877	(5,905,797)	(14,934,794)	16,078,356
6,433,990	14,660,198	23,047,564	(11,725,554)	(2,996,877)	5,905,797	14,934,794	(16,078,356)
616,078	628,400	640,968	653,787	666,863	680,200	693,804	707,680
(616,078)	(628,400)	(640,968)	(653,787)	(666,863)	(680,200)	(693,804)	(707,680)
-	**-**	**-**	**-**	**-**	**-**	**-**	**-**
803,496,016	810,547,713	847,896,640	886,795,477	893,920,062	901,105,339	901,105,339	901,105,339
919,528	919,528	919,528	919,528	919,528	919,528	919,528	919,528
7,956,881	8,026,713	8,093,082	8,158,426	8,223,972	8,290,075	8,290,075	8,290,075
1,020,450	-	-	-	-	-	-	-
(1,327,982)	(1,340,207)	(1,392,803)	(1,447,438)	(1,459,676)	(1,471,960)	(1,474,625)	(1,477,247)
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
(2,073,774)	(804,866)	(925,637)	(1,044,542)	(1,163,813)	(1,284,100)	(1,284,100)	(1,284,100)
30,571,223	30,839,324	31,855,358	34,056,122	34,329,548	34,605,304	34,605,304	35,688,125
31,535,817	31,812,377	32,860,469	35,130,672	35,412,726	35,697,182	35,697,182	36,814,169
872,098,159	**880,000,582**	**919,306,638**	**962,568,247**	**970,182,347**	**977,861,368**	**977,858,703**	**980,055,889**
1,891,818	1,910,736	1,929,844	1,949,142	1,968,633	1,988,320	2,008,203	2,028,285
2,081,201	2,122,825	2,165,281	2,208,587	2,252,759	2,297,814	2,343,770	2,390,646
3,973,019	**4,033,561**	**4,095,125**	**4,157,729**	**4,221,392**	**4,286,134**	**4,351,973**	**4,418,931**
8,873,449	8,962,183	9,051,805	9,142,323	9,233,747	9,326,084	9,419,345	9,513,538
31,263	31,576	31,892	32,211	32,533	32,858	33,187	33,518
(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
8,904,712	**8,993,759**	**9,083,697**	**9,174,534**	**9,266,279**	**9,358,942**	**9,452,531**	**9,547,057**
1,226,100	1,226,100	1,226,100	1,226,100	1,226,100	1,226,100	1,226,100	1,226,100
(1,226,100)	(1,226,100)	(1,226,100)	(1,226,100)	(1,226,100)	(1,226,100)	(1,226,100)	(1,226,100)
-	**-**	**-**	**-**	**-**	**-**	**-**	**-**
26,219,508	26,414,678	26,544,867	26,774,141	26,817,634	26,854,650	26,981,819	27,103,347
(31,263)	(31,576)	(31,892)	(32,211)	(32,533)	(32,858)	(33,187)	(33,518)

-	-	-	-	-	-	-	-
(3,203,914)	(3,235,954)	(3,268,313)	(3,300,996)	(3,334,006)	(3,367,346)	(3,401,020)	(3,435,030)
(3,316,820)	(3,240,907)	(3,097,301)	(3,050,042)	(2,814,237)	(2,569,162)	(2,411,420)	(2,245,187)
(1,891,818)	(1,910,736)	(1,929,844)	(1,949,142)	(1,968,633)	(1,988,320)	(2,008,203)	(2,028,285)
-	-	-	-	-	-	-	-
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
(414)	(418)	(422)	(427)	(431)	(435)	(439)	(444)
-	-	-	-	-	-	-	-
17,775,278	**17,995,088**	**18,217,096**	**18,441,324**	**18,667,794**	**18,896,528**	**19,127,551**	**19,360,883**
848,691,482	*856,096,915*	*893,732,023*	*933,015,995*	*940,341,042*	*947,721,776*	*947,942,207*	*948,157,928*
-	-	-	-	-	-	-	-
-	-	-	-	0	-	(0)	(0)
6,693,935	6,693,935	6,693,935	6,693,935	6,693,935	6,693,935	6,693,935	6,693,935
6,630,734	8,026,713	8,026,713	8,026,713	8,026,713	8,026,713	8,026,713	8,026,713
747,627	804,866	859,267	912,828	966,554	1,020,737	1,020,737	1,020,737
1,326,147	-	66,369	131,714	197,259	263,363	263,363	263,363
1,348,422	1,348,422	1,348,422	1,348,422	1,348,422	1,348,422	1,348,422	1,348,422
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
12,104,930	9,639,498	10,397,529	10,343,165	11,609,169	10,818,858	10,561,644	10,746,073
10,544,565	6,790,731	11,183,235	7,172,502	11,881,238	10,322,016	6,561,506	10,947,133
5,500,000	5,500,000	5,500,000	5,500,000	5,500,000	5,500,000	5,500,000	5,500,000
775	775	775	775	775	775	775	775
(747,627)	(804,866)	(859,267)	(912,828)	(966,554)	(1,020,737)	(1,020,737)	(1,020,737)
(1,326,147)	-	(66,369)	(131,714)	(197,259)	(263,363)	(263,363)	(263,363)
(926,310)	(926,310)	(926,310)	(926,310)	(926,310)	(926,310)	(926,310)	(926,310)
(1,348,422)	(1,348,422)	(1,348,422)	(1,348,422)	(1,348,422)	(1,348,422)	(1,348,422)	(1,348,422)
40,548,628	**35,725,341**	**40,875,877**	**36,810,779**	**42,785,519**	**40,435,986**	**36,418,262**	**40,988,319**
49,935,000	62,905,000	87,305,000	103,475,000	109,085,000	107,280,000	106,170,000	107,955,000
(49,935,000)	(62,905,000)	(87,305,000)	(103,475,000)	(109,085,000)	(107,280,000)	(106,170,000)	(107,955,000)
-	**-**	**-**	**-**	**-**	**-**	**-**	**-**
76,817,294	77,199,726	76,928,630	75,997,779	73,944,122	71,816,516	70,072,101	67,952,564
3,002,622	2,733,162	2,528,442	2,322,501	2,102,256	1,878,939	1,622,262	1,320,627
470,528	426,791	380,711	343,641	279,409	213,002	144,418	73,452
(6,622,759)	(6,019,635)	(5,406,366)	(4,602,359)	(3,713,342)	(2,834,932)	(2,264,187)	(1,728,759)
5,699,351	5,699,351	5,699,351	5,658,749	3,677,344	3,632,656	3,618,705	3,592,506
(79,367,037)	(80,039,395)	(80,130,769)	(79,720,312)	(76,289,790)	(74,706,181)	(73,193,298)	(71,210,390)
(76,527,357)	**(77,261,309)**	**(77,465,380)**	**(77,185,647)**	**(73,937,004)**	**(72,592,997)**	**(71,319,029)**	**(69,616,896)**
(2,839,680)	**(2,778,086)**	**(2,665,389)**	**(2,534,665)**	**(2,352,786)**	**(2,113,184)**	**(1,874,269)**	**(1,593,494)**
926,310	**926,310**	**926,310**	**926,310**	**926,310**	**926,310**	**926,310**	**926,310**
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
62,778,753	63,355,627	63,909,508	65,965,768	70,411,882	70,969,032	71,530,594	71,541,615
(62,778,753)	(63,355,627)	(63,909,508)	(65,965,768)	(70,411,882)	(70,969,032)	(71,530,594)	(71,541,615)

343,754,868	332,924,509	330,639,670	337,991,493	328,946,231	335,595,564	345,256,835	339,216,997
(343,754,868)	(332,924,509)	(330,639,670)	(337,991,493)	(328,946,231)	(335,595,564)	(345,256,835)	(339,216,997)
96,137,776	97,099,154	98,070,145	99,050,847	100,041,355	101,041,769	102,052,186	103,072,708
96,137,776	**97,099,154**	**98,070,145**	**99,050,847**	**100,041,355**	**101,041,769**	**102,052,186**	**103,072,708**
1,606,992	1,621,095	1,695,793	1,773,591	1,787,840	1,802,211	1,802,211	1,802,211
(1,606,992)	(1,621,095)	(1,695,793)	(1,773,591)	(1,787,840)	(1,802,211)	(1,802,211)	(1,802,211)
231,097	239,186	247,557	256,222	265,189	274,471	284,077	294,020
1,397,269	1,439,187	1,482,362	1,526,833	1,572,638	1,619,817	1,668,412	1,718,464
30,571,223	30,839,324	31,855,358	34,056,122	34,329,548	34,605,304	34,605,304	35,688,125
31,535,817	31,812,377	32,860,469	35,130,672	35,412,726	35,697,182	35,697,182	36,814,169
-	-	-	-	-	-	-	-
63,735,406	**64,330,073**	**66,445,746**	**70,969,849**	**71,580,101**	**72,196,774**	**72,254,975**	**74,514,778**
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
15,865,000	16,445,000	17,105,000	17,565,000	18,060,000	18,580,000	15,725,000	16,245,000
8,692,928	8,061,363	7,359,370	6,796,661	6,199,318	5,562,186	4,836,194	4,257,600
(15,865,000)	(16,445,000)	(17,105,000)	(17,565,000)	(18,060,000)	(18,580,000)	(15,725,000)	(16,245,000)
(8,692,928)	(8,061,363)	(7,359,370)	(6,796,661)	(6,199,318)	(5,562,186)	(4,836,194)	(4,257,600)
-	-	-	-	-	-	-	-
(1,020,450)	**-**	**-**	**-**	**-**	**-**	**-**	**-**
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
1,020,450	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
177,376,456	179,611,506	193,724,200	207,286,245	214,632,412	217,721,329	213,143,917	218,761,063
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
24,557,928	24,506,363	18,575,370	-	-	-	-	-
(3,039,548)	(3,037,477)	(3,036,834)	(3,028,862)	(3,021,214)	(3,012,015)	(2,570,149)	(2,562,825)
(7,200,000)	(7,200,000)	(7,200,000)	(7,200,000)	(7,200,000)	(7,200,000)	(7,200,000)	(7,200,000)
(12,104,930)	(9,639,498)	(10,397,529)	(10,343,165)	(11,609,169)	(10,818,858)	(10,561,644)	(10,746,073)
(10,544,565)	(6,790,731)	(11,183,235)	(7,172,502)	(11,881,238)	(10,322,016)	(6,561,506)	(10,947,133)
(5,500,000)	(5,500,000)	(5,500,000)	(5,500,000)	(5,500,000)	(5,500,000)	(5,500,000)	(5,500,000)
(1,397,269)	(1,439,187)	(1,482,362)	(1,526,833)	(1,572,638)	(1,619,817)	(1,668,412)	(1,718,464)
(775)	(775)	(775)	(775)	(775)	(775)	(775)	(775)
(3,002,622)	(2,733,162)	(2,528,442)	(2,322,501)	(2,102,256)	(1,878,939)	(1,622,262)	(1,320,627)
(7,485,000)	(4,760,000)	(4,280,000)	(4,230,000)	(4,200,000)	(5,045,000)	(6,250,000)	(6,300,000)
-	-	-	-	-	-	-	-
(151,659,675)	(163,017,040)	(166,690,392)	(165,961,607)	(167,545,122)	(172,323,909)	(171,209,170)	(172,465,166)
-	-	-	-	-	-	-	-
848,691,482	856,096,915	893,732,023	933,015,995	940,341,042	947,721,776	947,942,207	948,157,928
-	-	-	-	-	-	-	-
1,226,100	1,226,100	1,226,100	1,226,100	1,226,100	1,226,100	1,226,100	1,226,100
-	-	-	-	-	-	-	-
3,316,820	3,240,907	3,097,301	3,050,042	2,814,237	2,569,162	2,411,420	2,245,187
3,203,914	3,235,954	3,268,313	3,300,996	3,334,006	3,367,346	3,401,020	3,435,030
470,528	426,791	380,711	343,641	279,409	213,002	144,418	73,452
(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
8,217,362	8,129,751	7,972,425	7,920,779	7,653,753	7,375,610	7,182,958	6,979,769
-	-	-	-	-	-	-	-
1,348,422	1,348,422	1,348,422	1,348,422	1,348,422	1,348,422	1,348,422	1,348,422
1,348,422	1,348,422	1,348,422	1,348,422	1,348,422	1,348,422	1,348,422	1,348,422
6,868,940	**6,781,329**	**6,624,003**	**6,572,357**	**6,305,331**	**6,027,188**	**5,834,536**	**5,631,347**
-	0	(0)	(0)	-	-	-	0
1,267,112,543	**1,278,190,152**	**1,319,315,362**	**1,408,237,634**	**1,419,380,648**	**1,430,611,875**	**1,430,832,306**	**1,474,642,272**

1,267,112,543	**1,278,190,152**	**1,319,315,362**	**1,408,237,634**	**1,419,380,648**	**1,430,611,875**	**1,430,832,306**	**1,474,642,272**
13,044,067	13,158,545	13,267,347	13,374,469	13,481,921	13,590,288	13,590,288	13,590,288
270,070	272,441	274,693	276,911	279,136	281,379	281,379	281,379
13,314,137	13,430,986	13,542,041	13,651,380	13,761,057	13,871,667	13,871,667	13,871,667
1,315,978,017	1,336,030,792						
(694,416,951)	(713,509,581)						
621,561,066	622,521,211						
(62,438,494)	(63,067,792)						
(96,137,776)	(97,099,154)						
462,984,797	462,354,266						
456,468,621	459,185,136						
6,516,175	3,169,130						
76,817,294	77,199,726	76,928,630	75,997,779	73,944,122	71,816,516	70,072,101	67,952,564
2,839,680	2,778,086	2,665,389	2,534,665	2,352,786	2,113,184	1,874,269	1,593,494
3,316,820	3,240,907	3,097,301	3,050,042	2,814,237	2,569,162	2,411,420	2,245,187
6,156,500	**6,018,993**	**5,762,690**	**5,584,706**	**5,167,023**	**4,682,346**	**4,285,689**	**3,838,681**
70,660,795	71,180,733	71,165,940	70,413,073	68,777,099	67,134,170	65,786,412	64,113,883
49,935,000	62,905,000	87,305,000	103,475,000	109,085,000	107,280,000	106,170,000	107,955,000
120,595,795	**134,085,733**	**158,470,940**	**173,888,073**	**177,862,099**	**174,414,170**	**171,956,412**	**172,068,883**
31,535,817							
93,420,520							

2031	2032	2033	2034	2035	2036	2037	2038
526,484,344	526,484,344	526,484,344	566,725,186	566,725,186	566,725,186	566,725,186	617,026,238
2,241,994	2,286,834	2,332,570	2,379,222	2,426,806	2,475,342	2,524,849	2,575,346
(6,684,588)	2,897,056	12,670,333	(14,489,596)	(4,321,479)	6,050,001	16,628,910	(18,991,442)
(739,911)	(741,173)	(742,407)	(743,611)	(744,781)	(745,916)	(747,012)	(748,068)
521,301,839	**530,927,060**	**540,744,840**	**553,871,200**	**564,085,732**	**574,504,612**	**585,131,932**	**599,862,074**
413,648,722	421,107,346	428,715,141	439,587,263	447,502,414	455,575,867	463,810,790	476,100,624
36,768,696	37,504,070	38,254,151	39,019,234	39,799,619	40,595,611	41,407,524	42,235,674
450,417,418	**458,611,415**	**466,969,293**	**478,606,497**	**487,302,033**	**496,171,479**	**505,218,314**	**518,336,298**
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
16,815,000	10,280,000	9,035,000	10,100,000	10,495,000	10,900,000	11,530,000	3,705,000
3,649,225	3,019,300	2,641,006	2,309,663	1,844,350	1,352,550	841,800	302,400
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
2,558,028	1,662,413	1,459,501	1,551,208	1,542,419	1,531,569	1,546,475	500,925
23,022,253	14,961,713	13,135,507	13,960,870	13,881,769	13,784,119	13,918,275	4,508,325
105,429,200	107,537,784	109,688,540	111,882,310	114,119,957	116,402,356	118,730,403	121,105,011
178,454,257	177,425,485	178,713,334	183,912,067	182,336,712	176,813,901	170,510,192	162,560,546
-	-	-	-	-	-	-	-
2,241,994	2,286,834	2,332,570	2,379,222	2,426,806	2,475,342	2,524,849	2,575,346
2,438,459	2,487,228	2,536,972	2,587,712	2,639,466	2,692,255	2,746,100	2,801,022
7,200,000	7,200,000	7,200,000	7,200,000	7,200,000	7,200,000	7,200,000	7,200,000
(36,768,696)	(37,504,070)	(38,254,151)	(39,019,234)	(39,799,619)	(40,595,611)	(41,407,524)	(42,235,674)
258,995,213	259,433,260	262,217,265	268,942,076	268,923,321	264,988,243	260,304,021	254,006,251
282,017,466	**274,394,973**	**275,352,772**	**282,902,946**	**282,805,090**	**278,772,362**	**274,222,296**	**258,514,576**
6,684,588	(2,897,056)	(12,670,333)	14,489,596	4,321,479	(6,050,001)	(16,628,910)	18,991,442
(6,684,588)	2,897,056	12,670,333	(14,489,596)	(4,321,479)	6,050,001	16,628,910	(18,991,442)
721,834	736,271	750,996	766,016	781,336	796,963	812,902	829,160
(721,834)	(736,271)	(750,996)	(766,016)	(781,336)	(796,963)	(812,902)	(829,160)
-	**-**	**-**	**-**	**-**	**-**	**-**	**-**
901,105,339	901,105,339	901,105,339	901,105,339	901,105,339	901,105,339	901,105,339	901,105,339
919,528	919,528	919,528	919,528	919,528	919,528	919,528	919,528
8,290,075	8,290,075	8,290,075	8,290,075	8,290,075	8,290,075	8,290,075	8,290,075
-	-	-	-	-	-	-	-
(1,479,823)	(1,482,346)	(1,484,814)	(1,487,221)	(1,489,562)	(1,491,832)	(1,494,025)	(1,496,135)
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
(1,284,100)	(1,284,100)	(1,284,100)	(1,284,100)	(1,284,100)	(1,284,100)	(1,284,100)	(1,284,100)
35,688,125	35,688,125	35,688,125	36,687,652	36,687,652	36,687,652	36,687,652	37,937,062
36,814,169	36,814,169	36,814,169	37,845,233	37,845,233	37,845,233	37,845,233	39,134,064
980,053,314	**980,050,790**	**980,048,322**	**982,076,507**	**982,074,166**	**982,071,896**	**982,069,704**	**984,605,833**
2,048,568	2,069,054	2,089,744	2,110,642	2,131,748	2,153,065	2,174,596	2,196,342
2,438,459	2,487,228	2,536,972	2,587,712	2,639,466	2,692,255	2,746,100	2,801,022
4,487,027	**4,556,281**	**4,626,716**	**4,698,353**	**4,771,214**	**4,845,321**	**4,920,697**	**4,997,365**
9,608,674	9,704,760	9,801,808	9,899,826	9,998,824	10,098,813	10,199,801	10,301,799
33,854	34,192	34,534	34,879	35,228	35,581	35,936	36,296
(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
9,642,527	**9,738,952**	**9,836,342**	**9,934,705**	**10,034,052**	**10,134,393**	**10,235,737**	**10,338,094**
1,226,100	1,226,100	1,226,100	1,226,100	1,226,100	1,226,100	1,226,100	1,226,100
(1,226,100)	(1,226,100)	(1,226,100)	(1,226,100)	(1,226,100)	(1,226,100)	(1,226,100)	(1,226,100)
-	**-**	**-**	**-**	**-**	**-**	**-**	**-**
27,219,150	27,360,790	27,471,171	27,509,970	27,541,456	27,722,835	27,902,691	28,080,842
(33,854)	(34,192)	(34,534)	(34,879)	(35,228)	(35,581)	(35,936)	(36,296)

-	-	-	-	-	-	-	-
(3,469,380)	(3,504,074)	(3,539,115)	(3,574,506)	(3,610,251)	(3,646,354)	(3,682,817)	(3,719,645)
(2,070,352)	(1,918,447)	(1,732,347)	(1,471,701)	(1,200,748)	(1,076,663)	(948,001)	(814,548)
(2,048,568)	(2,069,054)	(2,089,744)	(2,110,642)	(2,131,748)	(2,153,065)	(2,174,596)	(2,196,342)
-	-	-	-	-	-	-	-
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
(448)	(453)	(457)	(462)	(466)	(471)	(476)	(481)
-	-	-	-	-	-	-	-
19,596,549	**19,834,571**	**20,074,973**	**20,317,780**	**20,563,015**	**20,810,702**	**21,060,865**	**21,313,531**
948,368,867	*948,606,593*	*948,814,022*	*948,950,839*	*949,081,323*	*949,362,691*	*949,643,535*	*949,923,684*
-	-	-	-	-	-	-	-
(12,665,086)	(12,707,541)	(12,729,489)	(12,706,766)	(12,659,851)	(12,569,612)	(12,607,545)	(12,634,788)
6,693,935	6,693,935	6,693,935	6,693,935	6,693,935	6,693,935	6,693,935	6,693,935
8,026,713	8,026,713	8,026,713	8,026,713	8,026,713	8,026,713	8,026,713	8,026,713
1,020,737	1,020,737	1,020,737	1,020,737	1,020,737	1,020,737	1,020,737	1,020,737
263,363	263,363	263,363	263,363	263,363	263,363	263,363	263,363
1,348,422	1,348,422	1,348,422	1,348,422	1,348,422	1,348,422	1,348,422	1,348,422
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
10,815,782	10,910,305	10,770,532	10,760,867	10,800,712	10,811,640	10,810,811	10,790,912
6,929,317	11,630,758	10,064,021	6,295,771	10,673,427	6,647,399	11,340,382	9,764,934
5,500,000	5,500,000	5,500,000	5,500,000	5,500,000	5,500,000	5,500,000	5,500,000
775	775	775	775	775	775	775	775
(1,020,737)	(1,020,737)	(1,020,737)	(1,020,737)	(1,020,737)	(1,020,737)	(1,020,737)	(1,020,737)
(263,363)	(263,363)	(263,363)	(263,363)	(263,363)	(263,363)	(263,363)	(263,363)
(926,310)	(926,310)	(926,310)	(926,310)	(926,310)	(926,310)	(926,310)	(926,310)
(1,348,422)	(1,348,422)	(1,348,422)	(1,348,422)	(1,348,422)	(1,348,422)	(1,348,422)	(1,348,422)
24,375,124	**29,128,634**	**27,400,176**	**23,644,985**	**28,109,400**	**24,184,538**	**28,838,761**	**27,216,171**
103,930,000	102,350,000	117,220,000	104,755,000	104,930,000	110,825,000	97,965,000	63,020,000
(103,930,000)	(102,350,000)	(117,220,000)	(104,755,000)	(104,930,000)	(110,825,000)	(97,965,000)	(63,020,000)
-	**-**	**-**	**-**	**-**	**-**	**-**	**-**
66,396,377	64,349,481	62,228,324	60,197,011	58,909,467	57,928,198	56,716,810	54,864,801
1,010,894	915,644	811,044	708,844	588,844	460,144	326,081	186,656
-	-	-	-	-	-	-	-
(1,320,141)	(1,043,112)	(703,626)	(325,190)	(345,827)	(235,636)	(114,295)	(579)
3,547,136	3,473,417	3,473,417	2,853,238	2,261,931	2,194,207	2,044,740	1,896,050
(69,634,266)	(67,695,429)	(65,809,159)	(63,433,903)	(61,414,415)	(60,346,913)	(58,973,336)	(56,946,929)
(68,286,689)	**(66,558,019)**	**(64,862,590)**	**(62,670,232)**	**(60,788,444)**	**(59,847,899)**	**(58,705,191)**	**(56,831,304)**
(1,347,577)	**(1,137,410)**	**(946,568)**	**(763,671)**	**(625,970)**	**(499,014)**	**(268,146)**	**(115,625)**
926,310	**926,310**	**926,310**	**926,310**	**926,310**	**926,310**	**926,310**	**926,310**
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
73,732,114	73,742,661	73,754,547	73,764,918	75,783,801	75,790,325	75,804,394	75,818,436
(73,732,114)	(73,742,661)	(73,754,547)	(73,764,918)	(75,783,801)	(75,790,325)	(75,804,394)	(75,818,436)

356,473,351	363,589,345	352,361,320	363,254,082	358,537,665	362,299,730	377,001,591	430,872,833
(356,473,351)	(363,589,345)	(352,361,320)	(363,254,082)	(358,537,665)	(362,299,730)	(377,001,591)	(430,872,833)
104,103,435	105,144,470	106,195,914	107,257,873	108,330,452	109,413,757	110,507,894	111,612,973
104,103,435	**105,144,470**	**106,195,914**	**107,257,873**	**108,330,452**	**109,413,757**	**110,507,894**	**111,612,973**
1,802,211	1,802,211	1,802,211	1,802,211	1,802,211	1,802,211	1,802,211	1,802,211
(1,802,211)	(1,802,211)	(1,802,211)	(1,802,211)	(1,802,211)	(1,802,211)	(1,802,211)	(1,802,211)
304,311	314,962	325,985	337,395	349,204	361,426	374,076	387,168
1,770,018	1,823,119	1,877,812	1,934,147	1,992,171	2,051,936	2,113,494	2,176,899
35,688,125	35,688,125	35,688,125	36,687,652	36,687,652	36,687,652	36,687,652	37,937,062
36,814,169	36,814,169	36,814,169	37,845,233	37,845,233	37,845,233	37,845,233	39,134,064
-	-	-	-	-	-	-	-
74,576,622	**74,640,374**	**74,706,091**	**76,804,427**	**76,874,260**	**76,946,248**	**77,020,456**	**79,635,193**
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
16,815,000	10,280,000	9,035,000	10,100,000	10,495,000	10,900,000	11,530,000	3,705,000
3,649,225	3,019,300	2,641,006	2,309,663	1,844,350	1,352,550	841,800	302,400
(16,815,000)	(10,280,000)	(9,035,000)	(10,100,000)	(10,495,000)	(10,900,000)	(11,530,000)	(3,705,000)
(3,649,225)	(3,019,300)	(2,641,006)	(2,309,663)	(1,844,350)	(1,352,550)	(841,800)	(302,400)
-	-	-	-	-	-	-	-
-	**-**	**-**	**-**	**-**	**-**	**-**	**-**
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
216,779,070	219,683,497	218,952,019	220,863,678	223,755,059	214,267,363	212,728,211	203,206,647
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
(2,558,028)	(1,662,413)	(1,459,501)	(1,551,208)	(1,542,419)	(1,531,569)	(1,546,475)	(500,925)
(7,200,000)	(7,200,000)	(7,200,000)	(7,200,000)	(7,200,000)	(7,200,000)	(7,200,000)	(7,200,000)
(10,815,782)	(10,910,305)	(10,770,532)	(10,760,867)	(10,800,712)	(10,811,640)	(10,810,811)	(10,790,912)
(6,929,317)	(11,630,758)	(10,064,021)	(6,295,771)	(10,673,427)	(6,647,399)	(11,340,382)	(9,764,934)
(5,500,000)	(5,500,000)	(5,500,000)	(5,500,000)	(5,500,000)	(5,500,000)	(5,500,000)	(5,500,000)
(1,770,018)	(1,823,119)	(1,877,812)	(1,934,147)	(1,992,171)	(2,051,936)	(2,113,494)	(2,176,899)
(775)	(775)	(775)	(775)	(775)	(775)	(775)	(775)
(1,010,894)	(915,644)	(811,044)	(708,844)	(588,844)	(460,144)	(326,081)	(186,656)
(2,540,000)	(2,615,000)	(2,555,000)	(3,000,000)	(3,120,000)	(3,250,000)	(3,380,000)	(4,525,000)
-	-	-	-	-	-	-	-
(178,454,257)	(177,425,485)	(178,713,334)	(183,912,067)	(182,336,712)	(176,813,901)	(170,510,192)	(162,560,546)
-	-	-	-	-	-	-	-
948,368,867	948,606,593	948,814,022	948,950,839	949,081,323	949,362,691	949,643,535	949,923,684
-	-	-	-	-	-	-	-
1,226,100	1,226,100	1,226,100	1,226,100	1,226,100	1,226,100	1,226,100	1,226,100
-	-	-	-	-	-	-	-
2,070,352	1,918,447	1,732,347	1,471,701	1,200,748	1,076,663	948,001	814,548
3,469,380	3,504,074	3,539,115	3,574,506	3,610,251	3,646,354	3,682,817	3,719,645
-	-	-	-	-	-	-	-
(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
6,765,832	6,648,620	6,497,562	6,272,307	6,037,099	5,949,117	5,856,918	5,760,293
-	-	-	-	-	-	-	-
1,348,422	1,348,422	1,348,422	1,348,422	1,348,422	1,348,422	1,348,422	1,348,422
1,348,422	1,348,422	1,348,422	1,348,422	1,348,422	1,348,422	1,348,422	1,348,422
5,417,410	**5,300,198**	**5,149,140**	**4,923,885**	**4,688,677**	**4,600,695**	**4,508,496**	**4,411,871**
-	-	-	(0)	-	0	-	-
1,474,853,211	**1,475,090,937**	**1,475,298,366**	**1,515,676,025**	**1,515,806,509**	**1,516,087,877**	**1,516,368,721**	**1,566,949,922**

1,474,853,211	**1,475,090,937**	**1,475,298,366**	**1,515,676,025**	**1,515,806,509**	**1,516,087,877**	**1,516,368,721**	**1,566,949,922**
13,590,288	13,590,288	13,590,288	13,590,288	13,590,288	13,590,288	13,590,288	13,590,288
281,379	281,379	281,379	281,379	281,379	281,379	281,379	281,379
13,871,667	13,871,667	13,871,667	13,871,667	13,871,667	13,871,667	13,871,667	13,871,667
66,396,377	64,349,481	62,228,324	60,197,011	58,909,467	57,928,198	56,716,810	54,864,801
1,347,577	1,137,410	946,568	763,671	625,970	499,014	268,146	115,625
2,070,352	1,918,447	1,732,347	1,471,701	1,200,748	1,076,663	948,001	814,548
3,417,929	**3,055,856**	**2,678,916**	**2,235,373**	**1,826,718**	**1,575,678**	**1,216,147**	**930,173**
62,978,448	61,293,624	59,549,409	57,961,638	57,082,749	56,352,520	55,500,663	53,934,628
103,930,000	102,350,000	117,220,000	104,755,000	104,930,000	110,825,000	97,965,000	63,020,000
166,908,448	**163,643,624**	**176,769,409**	**162,716,638**	**162,012,749**	**167,177,520**	**153,465,663**	**116,954,628**

2039	2040	2041	2042	2043	2044	2045	2046
617,026,238	617,026,238	617,026,238	677,387,500	677,387,500	677,387,500	677,387,500	677,387,500
2,626,853	2,679,390	2,732,978	2,787,637	2,843,390	2,900,258	2,958,263	3,017,428
(7,985,145)	3,241,278	14,692,229	(29,320,808)	(17,407,238)	(5,255,396)	7,139,482	19,782,258
(749,078)	(750,042)	(750,954)	(751,812)	(752,612)	(753,350)	(754,023)	(754,626)
610,918,867	**622,196,864**	**633,700,491**	**650,102,518**	**662,071,040**	**674,279,011**	**686,731,222**	**699,432,560**
484,668,238	493,407,204	502,320,949	516,081,224	525,355,085	534,814,422	544,462,947	554,304,442
43,080,388	43,941,995	44,820,835	45,717,252	46,631,597	47,564,229	48,515,514	49,485,824
527,748,625	**537,349,199**	**547,141,784**	**561,798,476**	**571,986,682**	**582,378,651**	**592,978,461**	**603,790,266**
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
3,855,000	-	-	-	-	-	-	-
154,200	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
501,150	-	-	-	-	-	-	-
4,510,350	-	-	-	-	-	-	-
123,527,111	125,997,653	128,517,606	131,087,959	133,709,718	136,383,912	139,111,590	141,893,822
156,651,001	150,798,088	134,921,484	60,921,121	-	-	-	-
-	-	-	-	-	-	-	-
2,626,853	2,679,390	2,732,978	2,787,637	2,843,390	2,900,258	2,958,263	3,017,428
2,857,043	2,914,184	2,972,467	3,031,917	3,092,555	3,154,406	3,217,494	3,281,844
7,200,000	7,200,000	7,200,000	7,200,000	7,200,000	7,200,000	7,200,000	7,200,000
(43,080,388)	(43,941,995)	(44,820,835)	(45,717,252)	(46,631,597)	(47,564,229)	(48,515,514)	(49,485,824)
249,781,621	245,647,320	231,523,701	159,311,382	100,214,066	102,074,347	103,971,834	105,907,271
254,291,971	**245,647,320**	**231,523,701**	**159,311,382**	**100,214,066**	**102,074,347**	**103,971,834**	**105,907,271**
7,985,145	(3,241,278)	(14,692,229)	29,320,808	17,407,238	5,255,396	(7,139,482)	(19,782,258)
(7,985,145)	3,241,278	14,692,229	(29,320,808)	(17,407,238)	(5,255,396)	7,139,482	19,782,258
845,744	862,658	879,912	897,510	915,460	933,769	952,445	971,493
(845,744)	(862,658)	(879,912)	(897,510)	(915,460)	(933,769)	(952,445)	(971,493)
-	**-**	**-**	**-**	**-**	**-**	**-**	**-**
901,105,339	901,105,339	901,105,339	901,105,339	901,105,339	901,105,339	901,105,339	901,105,339
919,528	919,528	919,528	919,528	919,528	919,528	919,528	919,528
8,290,075	8,290,075	8,290,075	8,290,075	8,290,075	8,290,075	8,290,075	8,290,075
-	-	-	-	-	-	-	-
(1,498,157)	(1,500,083)	(1,501,908)	(1,503,624)	(1,505,224)	(1,506,701)	(1,508,046)	(1,509,252)
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
(1,284,100)	(1,284,100)	(1,284,100)	(1,284,100)	(1,284,100)	(1,284,100)	(1,284,100)	(1,284,100)
37,937,062	37,937,062	37,937,062	39,436,353	39,436,353	39,436,353	39,436,353	39,436,353
39,134,064	39,134,064	39,134,064	40,680,661	40,680,661	40,680,661	40,680,661	40,680,661
984,603,812	**984,601,885**	**984,600,061**	**987,644,233**	**987,642,633**	**987,641,156**	**987,639,811**	**987,638,605**
2,218,305	2,240,489	2,262,893	2,285,522	2,308,378	2,331,461	2,354,776	2,378,324
2,857,043	2,914,184	2,972,467	3,031,917	3,092,555	3,154,406	3,217,494	3,281,844
5,075,348	**5,154,672**	**5,235,361**	**5,317,439**	**5,400,933**	**5,485,868**	**5,572,270**	**5,660,168**
10,404,817	10,508,865	10,613,954	10,720,093	10,827,294	10,935,567	11,044,923	11,155,372
36,659	37,025	37,395	37,769	38,147	38,529	38,914	39,303
(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
10,441,475	**10,545,890**	**10,651,349**	**10,757,862**	**10,865,441**	**10,974,095**	**11,083,836**	**11,194,675**
1,226,100	1,226,100	1,226,100	1,226,100	1,226,100	1,226,100	1,226,100	1,226,100
(1,226,100)	(1,226,100)	(1,226,100)	(1,226,100)	(1,226,100)	(1,226,100)	(1,226,100)	(1,226,100)
-	**-**	**-**	**-**	**-**	**-**	**-**	**-**
28,255,496	28,426,579	28,595,838	28,831,494	29,066,896	29,301,970	29,536,536	29,873,959
(36,659)	(37,025)	(37,395)	(37,769)	(38,147)	(38,529)	(38,914)	(39,303)

-	-	-	-	-	-	-	-
(3,756,842)	(3,794,410)	(3,832,354)	(3,870,678)	(3,909,385)	(3,948,478)	(3,987,963)	(4,027,843)
(674,483)	(527,698)	(375,911)	(287,312)	(195,215)	(99,515)	-	-
(2,218,305)	(2,240,489)	(2,262,893)	(2,285,522)	(2,308,378)	(2,331,461)	(2,354,776)	(2,378,324)
-	-	-	-	-	-	-	-
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
(485)	(490)	(495)	(500)	(505)	(510)	(515)	(520)
-	-	-	-	-	-	-	-
21,568,723	**21,826,467**	**22,086,789**	**22,349,713**	**22,615,267**	**22,883,477**	**23,154,368**	**23,427,969**
950,201,356	*950,476,487*	*950,750,834*	*951,092,630*	*951,435,233*	*951,778,580*	*952,122,502*	*952,570,373*
-	-	-	-	-	-	-	-
(12,651,251)	(12,659,103)	(12,658,438)	(12,652,983)	(12,644,482)	(12,637,561)	(12,635,085)	(108,702,075)
6,693,935	6,693,935	6,693,935	6,693,935	6,693,935	6,693,935	6,693,935	6,693,935
8,026,713	8,026,713	8,026,713	8,026,713	8,026,713	8,026,713	8,026,713	8,026,713
1,020,737	1,020,737	1,020,737	1,020,737	1,020,737	1,020,737	1,020,737	1,020,737
263,363	263,363	263,363	263,363	263,363	263,363	263,363	263,363
1,348,422	1,348,422	1,348,422	1,348,422	1,348,422	1,348,422	1,348,422	1,348,422
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
10,794,988	10,801,813	10,802,033	10,800,112	10,797,972	10,799,383	10,800,262	10,799,952
5,987,712	10,356,126	6,320,579	11,003,757	9,418,211	5,630,586	9,988,286	-
5,500,000	5,500,000	5,500,000	5,500,000	5,500,000	5,500,000	5,500,000	5,500,000
775	775	775	775	775	775	775	-
(1,020,737)	(1,020,737)	(1,020,737)	(1,020,737)	(1,020,737)	(1,020,737)	(1,020,737)	(1,020,737)
(263,363)	(263,363)	(263,363)	(263,363)	(263,363)	(263,363)	(263,363)	(263,363)
(926,310)	(926,310)	(926,310)	(926,310)	(926,310)	(926,310)	(926,310)	(926,310)
(1,348,422)	(1,348,422)	(1,348,422)	(1,348,422)	(1,348,422)	(1,348,422)	(1,348,422)	(1,348,422)
23,426,562	**27,793,947**	**23,759,285**	**28,445,998**	**26,866,813**	**23,087,521**	**27,448,576**	**(78,607,786)**
48,300,000	17,367,238	18,162,471	18,907,567	19,758,674	20,670,006	21,643,613	22,627,573
(48,300,000)	(17,367,238)	(18,162,471)	(18,907,567)	(19,758,674)	(20,670,006)	(21,643,613)	(22,627,573)
-	**-**	**-**	**-**	**-**	**-**	**-**	**-**
52,438,365	50,335,070	49,532,554	48,787,458	47,936,352	47,025,020	46,051,412	45,067,452
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
21,954	13,169	6,468	-	-	-	-	-
907,587	98,313	(17,284)	-	-	-	-	-
(53,367,906)	(50,446,552)	(49,521,739)	(48,787,458)	(47,936,352)	(47,025,020)	(46,051,412)	(45,067,452)
(53,313,900)	**(50,439,270)**	**(49,521,739)**	**(48,787,458)**	**(47,936,352)**	**(47,025,020)**	**(46,051,412)**	**(45,067,452)**
(54,006)	**(7,282)**	**-**	**-**	**-**	**-**	**-**	**-**
926,310	**926,310**	**926,310**	**926,310**	**926,310**	**926,310**	**926,310**	**926,310**
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
78,347,496	78,361,380	78,375,136	78,388,854	81,424,007	81,441,137	81,458,304	81,475,500
(78,347,496)	(78,361,380)	(78,375,136)	(78,388,854)	(81,424,007)	(81,441,137)	(81,458,304)	(81,475,500)

458,995,230	497,093,855	516,065,146	584,485,563	643,058,366	645,915,102	640,618,028	748,585,734
(458,995,230)	(497,093,855)	(516,065,146)	(584,485,563)	(643,058,366)	(645,915,102)	(640,618,028)	(748,585,734)
112,729,103	113,856,394	114,994,958	116,144,907	117,306,357	118,479,420	119,664,214	120,860,856
112,729,103	**113,856,394**	**114,994,958**	**116,144,907**	**117,306,357**	**118,479,420**	**119,664,214**	**120,860,856**
1,802,211	1,802,211	1,802,211	1,802,211	1,802,211	1,802,211	1,802,211	1,802,211
(1,802,211)	(1,802,211)	(1,802,211)	(1,802,211)	(1,802,211)	(1,802,211)	(1,802,211)	(1,802,211)
400,719	414,744	429,260	444,285	459,834	475,929	492,586	509,827
2,242,206	2,309,472	2,378,756	2,450,119	2,523,623	2,599,331	2,677,311	-
37,937,062	37,937,062	37,937,062	39,436,353	39,436,353	39,436,353	39,436,353	39,436,353
39,134,064	39,134,064	39,134,064	40,680,661	40,680,661	40,680,661	40,680,661	40,680,661
-	-	-	-	-	-	-	-
79,714,051	**79,795,342**	**79,879,143**	**83,011,418**	**83,100,471**	**83,192,274**	**83,286,911**	**80,626,841**
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
3,855,000	-	-	-	-	-	-	-
154,200	-	-	-	-	-	-	-
(3,855,000)	-	-	-	-	-	-	-
(154,200)	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	**-**	**-**	**-**	**-**	**-**	**-**	**-**
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
188,877,832	186,966,273	167,123,627	97,875,884	35,440,580	31,730,076	36,166,635	23,499,952
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
(501,150)	-	-	-	-	-	-	-
(7,200,000)	(7,200,000)	(7,200,000)	(7,200,000)	(7,200,000)	(7,200,000)	(7,200,000)	(7,200,000)
(10,794,988)	(10,801,813)	(10,802,033)	(10,800,112)	(10,797,972)	(10,799,383)	(10,800,262)	(10,799,952)
(5,987,712)	(10,356,126)	(6,320,579)	(11,003,757)	(9,418,211)	(5,630,586)	(9,988,286)	-
(5,500,000)	(5,500,000)	(5,500,000)	(5,500,000)	(5,500,000)	(5,500,000)	(5,500,000)	(5,500,000)
(2,242,206)	(2,309,472)	(2,378,756)	(2,450,119)	(2,523,623)	(2,599,331)	(2,677,311)	-
(775)	(775)	(775)	(775)	(775)	(775)	(775)	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
(156,651,001)	(150,798,088)	(134,921,484)	(60,921,121)	-	-	-	-
-	-	-	-	0	0	(0)	-
950,201,356	950,476,487	950,750,834	951,092,630	951,435,233	951,778,580	952,122,502	952,570,373
-	-	-	-	-	-	-	-
1,226,100	1,226,100	1,226,100	1,226,100	1,226,100	1,226,100	1,226,100	1,226,100
-	-	-	-	-	-	-	-
674,483	527,698	375,911	287,312	195,215	99,515	-	-
3,756,842	3,794,410	3,832,354	3,870,678	3,909,385	3,948,478	3,987,963	4,027,843
-	-	-	-	-	-	-	-
(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
5,657,424	5,548,208	5,434,365	5,384,089	5,330,699	5,274,093	5,214,063	5,253,943
-	-	-	-	-	-	-	-
1,348,422	1,348,422	1,348,422	1,348,422	1,348,422	1,348,422	1,348,422	1,348,422
1,348,422	1,348,422	1,348,422	1,348,422	1,348,422	1,348,422	1,348,422	1,348,422
4,309,002	**4,199,786**	**4,085,943**	**4,035,667**	**3,982,277**	**3,925,671**	**3,865,641**	**3,905,521**
-	-	-	0	-	(0)	-	-
1,567,227,594	**1,567,502,724**	**1,567,777,072**	**1,628,480,130**	**1,628,822,733**	**1,629,166,080**	**1,629,510,002**	**1,629,957,873**

1,567,227,594	**1,567,502,724**	**1,567,777,072**	**1,628,480,130**	**1,628,822,733**	**1,629,166,080**	**1,629,510,002**	**1,629,957,873**
13,590,288	13,590,288	13,590,288	13,590,288	13,590,288	13,590,288	13,590,288	13,590,288
281,379	281,379	281,379	281,379	281,379	281,379	281,379	281,379
13,871,667	13,871,667	13,871,667	13,871,667	13,871,667	13,871,667	13,871,667	13,871,667

52,438,365	50,335,070	49,532,554	48,787,458	47,936,352	47,025,020	46,051,412	45,067,452
54,006	7,282	-	-	-	-	-	-
674,483	527,698	375,911	287,312	195,215	99,515	-	-
728,488	**534,980**	**375,911**	**287,312**	**195,215**	**99,515**	**-**	**-**
51,709,877	49,800,089	49,156,643	48,500,147	47,741,137	46,925,505	46,051,412	45,067,452
48,300,000	17,367,238	18,162,471	18,907,567	19,758,674	20,670,006	21,643,613	22,627,573
100,009,877	**67,167,327**	**67,319,114**	**67,407,714**	**67,499,811**	**67,595,511**	**67,695,025**	**67,695,025**

2047
677,387,500
3,077,777
32,677,889
(755,154)
712,388,011
564,342,767
50,475,540
614,818,307
-
-
-
-
-
-
-
-
144,731,699
-
-
3,077,777
3,347,481
7,200,000
(50,475,540)
107,881,416
107,881,416
(32,677,889)
32,677,889
990,923
(990,923)
-
901,105,339
919,528
8,290,075
-
(1,510,309)
-
-
(1,284,100)
39,436,353
40,680,661
987,637,548
2,402,107
3,347,481
5,749,588
11,266,926
39,696
(0)
11,306,621
1,226,100
(1,226,100)
-
30,214,755
(39,696)

-
(4,068,121)
-
(2,402,107)
-
0
0
(526)

-

23,704,305

953,022,723
-

(45,053,646)
6,693,935
8,026,713
1,020,737
263,363
1,348,422
-
-
10,799,536
-
5,500,000
-
(1,020,737)
(263,363)
(926,310)
(1,348,422)

(14,959,772)

23,681,104
(23,681,104)
-

44,013,921
-
-
-
-

(44,013,921)

(44,013,921)

-

926,310

-
-

81,497,894
(81,497,894)

684,159,069
(684,159,069)
122,069,465
122,069,465
1,802,211
(1,802,211)
527,671
-
39,436,353
40,680,661
-
80,644,685
-
-
-
-
-
-
-
-
-
-
-
-
23,499,536
-
-
-
-
(7,200,000)
(10,799,536)
-
(5,500,000)
-
-
-
-
-
-
-
953,022,723
-
1,226,100
-
-
4,068,121
-
(0)
5,294,221
-
1,348,422
1,348,422
3,945,799
-
1,630,410,223

1,630,410,223
13,590,288
281,379
13,871,667

44,013,921
-
-
-
44,013,921
23,681,104
67,695,025

JEA

Electric System Utility Basis

		ACTUAL 2017
Fuel Related Revenues & Expenses		
Fuel Rate Revenues		-
Fuel Discounts		-
Less Fuel Credit		-
Fuel Rate Revenues, Net	$	394,188,702
Fuel Expense and Purchased Power:		
Fuel Expense - Electric System		253,203,918
Fuel Expense - SJRPP		101,511,597
Other Purchased Power		87,637,742
Subtotal Energy Expense		442,353,257
Transfer to (from) Rate Stabilization, Net		(48,399,792)
Fuel Related Uncollectibles		235,237
Total		394,188,702
Fuel Balance		-
Operating Related Revenues		
Base Rate Revenues		742,271,048
Conservation Charge Revenue		673,949
Environmental Charge Revenue		7,384,047
Base Operating Revenues		750,329,044
Operating Related Expenses		
Non-Fuel O&M		191,411,468
DSM / Conservation O&M		6,505,202
Environmental O&M		941,772
* SJRPP D/S Principal		26,496,885
* SJRPP D/S Interest		15,804,110
** Other Non-Fuel Purchased Power		33,958,559
Base Operating Expenses		275,117,997
Depreciation		199,742,854
Target Operating Income (ROR)		**275,468,193**
Non-Operating Related Revenues		
Investment Income		7,340,835
Natural Gas Revenue Pass Through		490,431
Other Revenues		94,963,974
Total Other Revenues		102,795,240
Debt Related Expenses		
Debt Interest - Electric System		95,113,611
*** Bond Buy-Back Principal - Electric System		69,099,658
Total Debt Related Exp.		164,213,269
Other Non-Operating Related Expenses		
Net Transfer to Rate Stabilization - DSM		180,240
Transfer to Environmental Fund/RSF		6,442,275
Natural Gas Expense Pass Through		611,286
Rate Stabilization - Debt Management		(12,242,000)
City Contribution Expense		92,270,692
Taxes & Uncollectibles		646,594
Contracts & Contingencies - Working Capital		-
Emergency Reserve		-
Total Other Expenses		87,909,087
Total Other Revenues/(Expenses)		**(149,327,116)**
Funds Available(Drawn) for Capital		**126,141,077**
Check		-

JEA
Electric System and Bulk Power Supply System
Statement of Net Position
(in thousands)

MODEL IS BASED ON PSC SYSTEM CAPACITY PLANNING ASSUMPTIONS
*** ASSUMPTIONS AND FORECAST DO NOT REPRESENT A MANAGEMENT CASE FORECAST FOR FINANCIAL PURPOSES ***

Confidential
Reports Prepared on **May 14, 2018**

	Actual 2017	Projection 2018	Projection 2019	Projection 2020	Projection 2021	Projection 2022	Projection 2023	Projection 2024	Projection 2025	Projection 2026	Projection 2027
ASSETS AND DEFERRED OUTFLOWS OF RESOURCES											
Current assets											
Cash and cash equivalents											
Operations	$ 54,800	$ 42,630	$ 42,630	$ 42,630	$ 42,630	$ 42,630	$ 42,630	$ 42,630	$ 42,630	$ 42,630	$ 42,630
Debt management strategy stabilization fund	$ 29,884	$ 29,884	$ 29,884	$ 29,884	$ 29,884	$ 29,884	$ 29,884	$ 29,884	$ 29,884	$ 29,884	$ 29,884
Self insurance reserve funds	$ 19,214	$ 19,214	$ 19,214	$ 19,214	$ 19,214	$ 19,214	$ 19,214	$ 19,214	$ 19,214	$ 19,214	$ 19,214
Fuel Stabilization Fund	$ 131,716	$ 88,398	$ 87,631	$ 100,296	$ 107,116	$ 119,029	$ 112,595	$ 97,934	$ 74,887	$ 86,612	$ 89,609
Non-Fuel Purchase Power Stabilization Fund	$ 25,189	$ 53,445	$ 56,747	$ 36,747	$ 12,553	$ 1,021	$ 0	$ 0	$ 0	$ 0	$ 0
Environmental Stabilization Fund	$ 36,417	$ 42,793	$ 49,212	$ 54,391	$ 58,300	$ 60,928	$ 62,255	$ 62,255	$ 62,321	$ 62,453	$ 62,650
Environmental Liability Reserve	$ 17,672	$ 17,672	$ 17,672	$ 17,672	$ 17,672	$ 17,672	$ 17,672	$ 17,672	$ 17,672	$ 17,672	$ 17,672
DSM Conservation Fund	$ 3,695	$ 4,141	$ 4,680	$ 5,274	$ 5,908	$ 6,596	$ 7,344	$ 8,148	$ 9,008	$ 9,921	$ 10,887
Customer deposits	$ 42,105	$ 42,105	$ 42,105	$ 42,105	$ 42,105	$ 42,105	$ 42,105	$ 42,105	$ 42,105	$ 42,105	$ 42,105
Total unrestricted cash and investments	**$ 360,692**	**$ 340,281**	**$ 349,775**	**$ 348,213**	**$ 335,382**	**$ 339,078**	**$ 333,698**	**$ 319,842**	**$ 297,720**	**$ 310,490**	**$ 314,651**
Customer accounts receivable, less allowance for doubtful accounts	$ 170,673	$ 164,829	$ 165,395	$ 168,259	$ 170,794	$ 170,050	$ 172,825	$ 175,459	$ 182,211	$ 189,876	$ 192,558
Miscellaneous accounts receivable	$ 55,072	$ 55,072	$ 55,072	$ 55,072	$ 55,072	$ 55,072	$ 55,072	$ 55,072	$ 55,072	$ 55,072	$ 55,072
Interest receivable	$ 1,065	$ 706	$ 713	$ 720	$ 727	$ 735	$ 742	$ 749	$ 757	$ 765	$ 772
Inventories, less reserve											
Fuel inventory - Electric System	$ 33,138	$ 32,685	$ 30,161	$ 29,411	$ 30,026	$ 29,901	$ 31,544	$ 32,428	$ 33,308	$ 34,409	$ 35,341
Fuel inventory - Plant Scherer	$ 4,906	$ 3,728	$ 3,757	$ 3,697	$ 3,837	$ 3,890	$ 4,007	$ 4,125	$ 4,242	$ 4,391	$ 4,515
Materials and supplies - Electric System	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Materials and supplies - Plant Scherer	$ 2,136	$ 2,136	$ 2,136	$ 2,136	$ 2,136	$ 2,136	$ 2,136	$ 2,136	$ 2,136	$ 2,136	$ 2,136
Total current assets	**$ 627,682**	**$ 599,437**	**$ 607,009**	**$ 607,510**	**$ 597,975**	**$ 600,861**	**$ 600,024**	**$ 589,811**	**$ 575,446**	**$ 597,139**	**$ 605,045**
Noncurrent assets											
Restricted assets											
Cash and cash equivalents	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Debt Service Reserve Fund	$ 65,433	$ 52,833	$ 50,943	$ 48,573	$ 47,142	$ 45,755	$ 44,123	$ 42,847	$ 41,568	$ 40,167	$ 38,479
Debt Service Fund	$ 174,529	$ 192,332	$ 166,037	$ 109,372	$ 106,881	$ 105,034	$ 97,104	$ 107,685	$ 131,650	$ 147,565	$ 151,430
Accounts and interest receivable	$ 20	$ 20	$ 20	$ 20	$ 20	$ 20	$ 20	$ 20	$ 20	$ 20	$ 20
Internal Capital Fund	$ 201,368	$ 352,529	$ 470,862	$ 697,098	$ 914,010	$ 1,009,317	$ 1,173,802	$ 1,343,068	$ 1,507,651	$ 1,681,048	$ 1,854,687
Construction Funds	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Unrealized Gain/(Loss) on Investments	$ 750	$ 750	$ 750	$ 750	$ 750	$ 750	$ 750	$ 750	$ 750	$ 750	$ 750
Total restricted assets	**$ 442,100**	**$ 598,464**	**$ 688,612**	**$ 855,813**	**$ 1,068,803**	**$ 1,160,876**	**$ 1,315,799**	**$ 1,494,370**	**$ 1,681,639**	**$ 1,869,550**	**$ 2,045,366**
BOND ISSUE COSTS	$ 1,795	$ 1,795	$ 1,795	$ 1,795	$ 1,795	$ 1,795	$ 1,795	$ 1,795	$ 1,795	$ 1,795	$ 1,795
COST TO BE RECOVERED - PENSION	$ 239,078	$ 239,078	$ 239,078	$ 239,078	$ 239,078	$ 239,078	$ 239,078	$ 239,078	$ 239,078	$ 239,078	$ 239,078
SCHERER BIC 2014A	$ 585	$ 585	$ 585	$ 585	$ 585	$ 585	$ 585	$ 585	$ 585	$ 585	$ 585
SCHERER BIC 2010A SERIES	$ 269	$ 269	$ 269	$ 269	$ 269	$ 269	$ 269	$ 269	$ 269	$ 269	$ 269
COST TO BE RECOVERED FROM FUTURE REVENUES - NEW	$ 10,832	$ 10,832	$ 10,832	$ 10,832	$ 10,832	$ 10,832	$ 10,832	$ 10,832	$ 10,832	$ 10,832	$ 10,832
Costs to be recovered from future revenues	$ 252,559	$ 252,559	$ 252,559	$ 252,559	$ 252,559	$ 252,559	$ 252,559	$ 252,559	$ 252,559	$ 252,559	$ 252,559
Other Assets	$ 10,429	$ 10,429	$ 10,429	$ 10,429	$ 10,429	$ 10,429	$ 10,429	$ 10,429	$ 10,429	$ 10,429	$ 10,429
Notes receivable - City of Jacksonville	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Investment in The Energy Authority	$ 6,283	$ 6,283	$ 6,283	$ 6,283	$ 6,283	$ 6,283	$ 6,283	$ 6,283	$ 6,283	$ 6,283	$ 6,283
Total noncurrent assets	**$ 269,271**	**$ 269,271**	**$ 269,271**	**$ 269,271**	**$ 269,271**	**$ 269,271**	**$ 269,271**	**$ 269,271**	**$ 269,271**	**$ 269,271**	**$ 269,271**
Capital assets											
Land and easements	$ 123,585	$ 123,585	$ 123,585	$ 123,585	$ 123,585	$ 123,585	$ 123,585	$ 123,585	$ 123,585	$ 123,585	$ 123,585
Plant in service	$ 5,326,764	$ 5,430,684	$ 5,621,038.53	$ 5,933,904	$ 6,198,074	$ 6,482,978	$ 6,840,822	$ 7,085,910	$ 7,310,910	$ 7,535,910	$ 7,760,910
Less accumulated depreciation	$ (2,867,037)	$ (3,068,047)	$ (3,272,978)	$ (3,485,093)	$ (3,709,014)	$ (3,942,904)	$ (4,187,544)	$ (4,445,689)	$ (4,713,081)	$ (4,988,965)	$ (5,273,339)
Plant in service, net	**$ 2,583,312**	**$ 2,486,222**	**$ 2,471,645**	**$ 2,572,396**	**$ 2,612,645**	**$ 2,663,660**	**$ 2,776,863**	**$ 2,763,807**	**$ 2,721,414**	**$ 2,670,531**	**$ 2,611,157**
Construction work in progress	$ 103,920	$ 190,355	$ 312,865	$ 264,171	$ 284,904	$ 357,844	$ 245,088	$ 225,000	$ 225,000	$ 225,000	$ 225,000
Capital assets, net	**$ 2,687,232**	**$ 2,676,577**	**$ 2,784,510**	**$ 2,836,566**	**$ 2,897,549**	**$ 3,021,504**	**$ 3,021,951**	**$ 2,988,807**	**$ 2,946,414**	**$ 2,895,531**	**$ 2,836,157**
Total assets	**$ 4,026,285**	**$ 4,143,749**	**$ 4,349,403**	**$ 4,569,160**	**$ 4,833,599**	**$ 5,052,513**	**$ 5,207,046**	**$ 5,342,259**	**$ 5,472,771**	**$ 5,631,491**	**$ 5,755,838**
Deferred outflows of resources:											
Unrealized pension contributions and losses	$ 95,814	$ 95,814	$ 95,814	$ 95,814	$ 95,814	$ 95,814	$ 95,814	$ 95,814	$ 95,814	$ 95,814	$ 95,814
Unamortized Debt Issuance Costs	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Environmental	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Unamortized deferred losses on refundings	$ 78,503	$ 85,165	$ 77,246	$ 71,457	$ 65,700	$ 59,978	$ 54,278	$ 48,579	$ 42,879	$ 37,221	$ 33,543
Accumulated decrease in fair value of fuel hedging derivatives	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Accumulated decrease in fair value of interest swaps derivatives	$ 101,350	$ 101,350	$ 101,350	$ 101,350	$ 101,350	$ 101,350	$ 101,350	$ 101,350	$ 101,350	$ 101,350	$ 101,350
Total deferred outflows of resources	**$ 275,667**	**$ 282,329**	**$ 274,410**	**$ 268,621**	**$ 262,864**	**$ 257,142**	**$ 251,442**	**$ 245,743**	**$ 240,043**	**$ 234,385**	**$ 230,707**

Total assets and deferred outflows of resources	**$ 4,301,952**	**$ 4,426,078**	**$ 4,623,813**	**$ 4,837,781**	**$ 5,096,463**	**$ 5,309,654**	**$ 5,458,488**	**$ 5,588,002**	**$ 5,712,814**	**$ 5,865,876**	**$ 5,986,546**

JEA
Electric System and Bulk Power Supply System
Statement of Net Position
(in thousands)

Confidential
Reports Prepared on May 14, 2018

	Actual 2017	Projection 2018	Projection 2019	Projection 2020	Projection 2021	Projection 2022	Projection 2023	Projection 2024	Projection 2025	Projection 2026	Projection 2027
LIABILITIES, DEFERRED INFLOWS OF RESOURCES AND NET POSITION											
Current liabilities											
Accounts and accrued expenses payable	$ 90,429	$ 66,115	$ 64,013	$ 64,507	$ 65,750	$ 72,204	$ 80,221	$ 82,427	$ 85,751	$ 89,578	$ 91,967
State utility taxes payable	$ 2,819	$ 2,615	$ 2,624	$ 2,669	$ 2,709	$ 2,698	$ 2,742	$ 2,783	$ 2,891	$ 3,012	$ 3,055
Payable to the City of Jacksonville	$ 7,689	$ 7,623	$ 7,699	$ 7,776	$ 7,854	$ 7,932	$ 8,011	$ 8,092	$ 8,173	$ 8,254	$ 8,337
Liability for compensated absences due within one year	$ 2,025	$ 2,025	$ 2,025	$ 2,025	$ 2,025	$ 2,025	$ 2,025	$ 2,025	$ 2,025	$ 2,025	$ 2,025
Other current liabilities	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Customers deposits	$ 42,192	$ 42,192	$ 42,192	$ 42,192	$ 42,192	$ 42,192	$ 42,192	$ 42,192	$ 42,192	$ 42,192	$ 42,192
Total current liabilities	**$ 145,154**	**$ 120,569**	**$ 118,553**	**$ 119,169**	**$ 120,530**	**$ 127,051**	**$ 135,191**	**$ 137,519**	**$ 141,031**	**$ 145,062**	**$ 147,575**
Liabilities payable from restricted assets											
Revenue bonds due within one year	$ 135,105	$ 130,690	$ 122,380	$ 67,765	$ 66,220	$ 65,405	$ 57,420	$ 67,665	$ 91,585	$ 107,705	$ 113,285
Interest payable	$ 40,458	$ 47,967	$ 45,867	$ 43,487	$ 41,878	$ 40,324	$ 39,910	$ 39,966	$ 39,729	$ 39,160	$ 38,023
Construction contracts and accounts payable	$ 16,222	$ 16,222	$ 16,222	$ 16,222	$ 16,222	$ 16,222	$ 16,222	$ 16,222	$ 16,222	$ 16,222	$ 16,222
Renewal and replacement reserve	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total liabilities payable from restricted assets	**$ 191,785**	**$ 194,879**	**$ 184,469**	**$ 127,474**	**$ 124,320**	**$ 121,951**	**$ 113,552**	**$ 123,853**	**$ 147,536**	**$ 163,087**	**$ 167,530**
Other noncurrent liabilities											
OPEB liability	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Liability for compensated absences due after one year	$ 18,988	$ 18,988	$ 18,988	$ 18,988	$ 18,988	$ 18,988	$ 18,988	$ 18,988	$ 18,988	$ 18,988	$ 18,988
Environmental liabilities	$ 17,672	$ 17,672	$ 17,672	$ 17,672	$ 17,672	$ 17,672	$ 17,672	$ 17,672	$ 17,672	$ 17,672	$ 17,672
Other liabilities	$ 2,948	$ 2,948	$ 2,948	$ 2,948	$ 2,948	$ 2,948	$ 2,948	$ 2,948	$ 2,948	$ 2,948	$ 2,948
Pension	$ 330,025	$ 330,025	$ 330,025	$ 330,025	$ 330,025	$ 330,025	$ 330,025	$ 330,025	$ 330,025	$ 330,025	$ 330,025
Total other noncurrent liabilities	**$ 369,633**	**$ 369,633**	**$ 369,633**	**$ 369,633**	**$ 369,633**	**$ 369,633**	**$ 369,633**	**$ 369,633**	**$ 369,633**	**$ 369,633**	**$ 369,633**
Long-term debt											
Bonds payable, less current portion	$ 2,171,305	$ 2,019,350	$ 1,896,970	$ 1,829,205	$ 1,762,985	$ 1,697,580	$ 1,683,006	$ 1,668,960	$ 1,630,784	$ 1,584,073	$ 1,524,412
Unamortized original issue premium (discount)	$ 55,556	$ 76,710	$ 63,747	$ 53,604	$ 44,863	$ 37,239	$ 30,616	$ 24,597	$ 19,190	$ 14,588	$ 10,875
Revolving credit facility	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Fair value of debt management strategy instruments	$ 101,350	$ 101,350	$ 101,350	$ 101,350	$ 101,350	$ 101,350	$ 101,350	$ 101,350	$ 101,350	$ 101,350	$ 101,350
Total long-term debt	**$ 2,328,211**	**$ 2,197,410**	**$ 2,062,067**	**$ 1,984,159**	**$ 1,909,198**	**$ 1,836,169**	**$ 1,814,973**	**$ 1,794,907**	**$ 1,751,324**	**$ 1,700,011**	**$ 1,636,637**
Total liabilities	**$ 3,034,783**	**$ 2,882,492**	**$ 2,734,721**	**$ 2,600,435**	**$ 2,523,681**	**$ 2,454,803**	**$ 2,433,349**	**$ 2,425,912**	**$ 2,409,523**	**$ 2,377,792**	**$ 2,321,375**
Deferred inflows of resources											
DEFERRED REVENUES	$ 226,901	$ 218,660	$ 228,155	$ 226,593	$ 213,762	$ 217,458	$ 212,077	$ 198,222	$ 176,100	$ 188,870	$ 193,030
HEALTH INSURANCE RESERVES	$ 9,214	$ 9,214	$ 9,214	$ 9,214	$ 9,214	$ 9,214	$ 9,214	$ 9,214	$ 9,214	$ 9,214	$ 9,214
SCHERER COST RECOVERY	$ 41,438	$ 41,438	$ 41,438	$ 41,438	$ 41,438	$ 41,438	$ 41,438	$ 41,438	$ 41,438	$ 41,438	$ 41,438
Revenues to be used for future costs	$ 277,553	$ 269,312	$ 278,807	$ 277,245	$ 264,413	$ 268,109	$ 262,729	$ 248,873	$ 226,752	$ 239,522	$ 243,682
Unrealized pension gains	$ 4,867	$ 4,867	$ 4,867	$ 4,867	$ 4,867	$ 4,867	$ 4,867	$ 4,867	$ 4,867	$ 4,867	$ 4,867
Accumulated increase in fair value of fuel derivatives	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Accumulated increase in fair value of interest swap derivatives	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total deferred inflows of resources	**$ 282,420**	**$ 274,179**	**$ 283,674**	**$ 282,112**	**$ 269,280**	**$ 272,976**	**$ 267,596**	**$ 253,740**	**$ 231,619**	**$ 244,389**	**$ 248,549**
Net position											
Net investment in capital assets	$ 425,023	$ 398,105	$ 630,388	$ 808,369	$ 951,502	$ 1,138,495	$ 1,166,173	$ 1,149,730	$ 1,142,142	$ 1,106,623	$ 1,095,517
Restricted	$ 336,209	$ 497,664	$ 591,802	$ 763,753	$ 979,784	$ 1,074,798	$ 1,231,766	$ 1,411,556	$ 1,600,343	$ 1,790,223	$ 1,968,863
Unrestricted	$ 223,517	$ 373,639	$ 383,228	$ 383,112	$ 372,216	$ 368,582	$ 359,605	$ 347,063	$ 329,187	$ 346,849	$ 352,241
Total net position	**$ 984,749**	**$ 1,269,408**	**$ 1,605,418**	**$ 1,955,235**	**$ 2,303,502**	**$ 2,581,874**	**$ 2,757,544**	**$ 2,908,350**	**$ 3,071,672**	**$ 3,243,695**	**$ 3,416,622**
Total liabilities, deferred inflows of resources and net position	**$ 4,301,952**	**$ 4,426,078**	**$ 4,623,813**	**$ 4,837,781**	**$ 5,096,463**	**$ 5,309,654**	**$ 5,458,488**	**$ 5,588,002**	**$ 5,712,814**	**$ 5,865,876**	**$ 5,986,546**

MODEL IS BASED ON PSC SYSTEM CAPACITY PLANNING ASSUMPTIONS
*** ASSUMPTIONS AND FORECAST DO NOT REPRESENT A MANAGEMENT CASE FORECAST FOR FINANCIAL PURPOSES ***

JEA
Electric System and Bulk Power Supply System
Combining Statement of Revenues, Expenses, and Changes in Net Position
(in thousands)

Reports Prepared on **May 14, 2018**

Confidential

IRP CAP0503 FUEL0509 BUD0504	Actual 2017	Projection 2018	Projection 2019	Projection 2020	Projection 2021	Projection 2022	Projection 2023	Projection 2024	Projection 2025	Projection 2026	Projection 2027
Base Rate (All-in with FF and GRT)	$ 68.26	$ 64.00	$ 64.00	$ 64.00	$ 64.00	$ 64.00	$ 64.00	$ 64.00	$ 66.40	$ 68.89	$ 68.89
Operating revenues:											
Electric - base	$ 822,513	$ 794,430	$ 835,067	$ 866,791	$ 877,582	$ 873,391	$ 872,098	$ 880,001	$ 919,307	$ 962,568	$ 970,182
Electric - fuel and purchased power	$ 447,631	$ 441,513	$ 407,417	$ 397,291	$ 405,590	$ 403,900	$ 426,105	$ 438,035	$ 449,925	$ 464,803	$ 477,384
Other, net of allowances	$ 29,447	$ 19,152	$ 16,918	$ 17,129	$ 17,342	$ 17,558	$ 17,775	$ 17,995	$ 18,217	$ 18,441	$ 18,668
Total operating revenues	**$ 1,299,591**	**$ 1,255,095**	**$ 1,259,403**	**$ 1,281,211**	**$ 1,300,515**	**$ 1,294,848**	**$ 1,315,978**	**$ 1,336,031**	**$ 1,387,449**	**$ 1,445,813**	**$ 1,466,234**
	$ 507,567	$ 485,556									
Operating expenses:											
Fuel	$ 289,948	$ 340,106	$ 342,770	$ 337,365	$ 350,104	$ 354,904	$ 365,638	$ 376,352	$ 387,021	$ 400,654	$ 411,944
Purchased power	$ 217,618	$ 145,451	$ 124,384	$ 122,982	$ 129,917	$ 162,814	$ 224,495	$ 237,102	$ 247,941	$ 266,979	$ 269,781
Maintenance and other operating expenses	$ 219,434	$ 47,620	$ 25,390	$ 35,914	$ 26,573	$ 44,182	$ 40,549	$ 35,725	$ 40,876	$ 36,811	$ 42,786
Depreciation	$ 199,743	$ 201,010	$ 204,931	$ 212,115	$ 223,921	$ 233,890	$ 244,641	$ 258,144	$ 267,393	$ 275,883	$ 284,374
State utility taxes and franchise fees	$ 59,121	$ 60,397	$ 61,572	$ 62,130	$ 62,557	$ 63,119	$ 63,735	$ 64,330	$ 66,446	$ 70,970	$ 71,580
Recognition of deferred costs and revenues, net	$ (3,344)	$ (21,265)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total operating expenses	**$ 982,520**	**$ 773,318**	**$ 759,047**	**$ 770,506**	**$ 793,071**	**$ 858,909**	**$ 939,058**	**$ 971,654**	**$ 1,009,677**	**$ 1,051,298**	**$ 1,080,465**
Operating income	**$ 317,071**	**$ 481,778**	**$ 500,355**	**$ 510,705**	**$ 507,443**	**$ 435,939**	**$ 376,920**	**$ 364,377**	**$ 377,772**	**$ 394,515**	**$ 385,769**
Nonoperating revenues (expenses):											
Earnings from The Energy Authority	$ 6,335	$ 2,931	$ 610	$ 856	$ 1,567	$ 2,040	$ 2,081	$ 2,123	$ 2,165	$ 2,209	$ 2,253
Investment income	$ 5,177	$ 8,473	$ 8,557	$ 8,643	$ 8,729	$ 8,817	$ 8,905	$ 8,994	$ 9,084	$ 9,175	$ 9,266
Write Offs	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Net increase (decrease) in fair value of investments	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Other nonoperating revenue	$ 5,207	$ 8,507	$ 8,463	$ 8,411	$ 8,369	$ 8,295	$ 8,217	$ 8,130	$ 7,972	$ 7,921	$ 7,654
Other nonoperating expense	$ (611)	$ (1,348)	$ (1,348)	$ (1,348)	$ (1,348)	$ (1,348)	$ (1,348)	$ (1,348)	$ (1,348)	$ (1,348)	$ (1,348)
Interest on debt	$ (81,329)	$ (114,203)	$ (82,298)	$ (80,222)	$ (78,364)	$ (76,359)	$ (76,527)	$ (77,261)	$ (77,465)	$ (77,186)	$ (73,937)
Interest rate swap (net payment)/receipts	$ (13,021)	$ (9,081)	$ (5,016)	$ (2,991)	$ (2,958)	$ (2,899)	$ (2,840)	$ (2,778)	$ (2,665)	$ (2,535)	$ (2,353)
Other interest, net	$ (417)	$ (926)	$ (926)	$ (926)	$ (926)	$ (926)	$ (926)	$ (926)	$ (926)	$ (926)	$ (926)
Allowance for funds used during construction	$ 6,102	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Gain (loss) on sale of asset		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total nonoperating revenues (expenses), net	**$ (72,558)**	**$ (105,647)**	**$ (71,958)**	**$ (67,578)**	**$ (64,933)**	**$ (62,380)**	**$ (62,438)**	**$ (63,068)**	**$ (63,184)**	**$ (62,691)**	**$ (59,392)**
Income before contributions	**$ 244,513**	**$ 376,130**	**$ 428,397**	**$ 443,127**	**$ 442,511**	**$ 373,559**	**$ 314,482**	**$ 301,309**	**$ 314,588**	**$ 331,824**	**$ 326,377**
Contributions (to) from:											
General fund, City of Jacksonville	$ (92,271)	$ (91,472)	$ (92,387)	$ (93,310)	$ (94,243)	$ (95,186)	$ (96,138)	$ (97,099)	$ (98,070)	$ (99,051)	$ (100,041)
Developers and other	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total contributions	**$ (92,271)**	**$ (91,472)**	**$ (92,387)**	**$ (93,310)**	**$ (94,243)**	**$ (95,186)**	**$ (96,138)**	**$ (97,099)**	**$ (98,070)**	**$ (99,051)**	**$ (100,041)**
Special Item	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Change in net position	**$ 152,242**	**$ 284,659**	**$ 336,011**	**$ 349,816**	**$ 348,267**	**$ 278,373**	**$ 218,344**	**$ 204,210**	**$ 216,518**	**$ 232,773**	**$ 226,336**
Net position - beginning of period	$ 832,508	$ 984,750	$ 1,269,408	$ 1,605,419	$ 1,955,235	$ 2,303,502	$ 2,581,875	$ 2,800,219	$ 3,004,429	$ 3,220,947	$ 3,453,720
Net position - end of period	**$ 984,750**	**$ 1,269,408**	**$ 1,605,419**	**$ 1,955,235**	**$ 2,303,502**	**$ 2,581,875**	**$ 2,800,219**	**$ 3,004,429**	**$ 3,220,947**	**$ 3,453,720**	**$ 3,680,056**

JEA
Electric System and Bulk Power Supply System
Schedule of Debt Service Coverage
(in thousands)

Confidential
Reports Prepared on May 14, 2018

	Actual 2017	Projection 2018	Projection 2019	Projection 2020	Projection 2021	Projection 2022	Projection 2023	Projection 2024	Projection 2025	Projection 2026	Projection 2027
Revenues											
Electric	$ 1,206,919	$ 1,227,702	$ 1,251,980	$ 1,262,520	$ 1,270,341	$ 1,280,986	$ 1,292,822	$ 1,304,180	$ 1,347,110	$ 1,440,141	$ 1,451,727
Investment Income	$ 5,939	$ 6,131	$ 6,192	$ 6,254	$ 6,316	$ 6,379	$ 6,443	$ 6,508	$ 6,573	$ 6,638	$ 6,705
Earning from The Energy Authority	$ 6,335	$ 2,931	$ 610	$ 856	$ 1,567	$ 2,040	$ 2,081	$ 2,123	$ 2,165	$ 2,209	$ 2,253
Other, net	$ 29,758	$ 19,152	$ 16,918	$ 17,129	$ 17,342	$ 17,558	$ 17,775	$ 17,995	$ 18,217	$ 18,441	$ 18,668
Plus: amounts paid from the rate stabilization fund	*$ 79,216*	*$ 8,241*	$ -	*$ 1,562*	*$ 12,831*	$ -	*$ 5,381*	*$ 13,855*	*$ 22,122*	$ -	$ -
Less: amounts paid from the revenue fund into the stabilization fund	$ (15,991)	$ -	$ (9,495)	$ -	$ -	$ (3,696)	$ -	$ -	$ -	$ (12,770)	$ (4,161)
Total Revenues	**$ 1,312,176**	**$ 1,264,157**	**$ 1,266,205**	**$ 1,288,320**	**$ 1,308,398**	**$ 1,303,268**	**$ 1,324,502**	**$ 1,344,661**	**$ 1,396,187**	**$ 1,454,660**	**$ 1,475,192**
Operating Expenses											
Fuel	$ 253,204	$ 312,810	$ 305,208	$ 306,906	$ 317,173	$ 324,137	$ 334,256	$ 344,343	$ 354,372	$ 367,352	$ 377,976
Purchased Power	$ 284,436	$ 224,564	$ 191,636	$ 192,968	$ 191,639	$ 238,640	$ 295,912	$ 299,975	$ 315,963	$ 331,378	$ 340,616
Other Operations and Maintenance	$ 199,511	$ 6,951	$ 7,052	$ 8,358	$ 9,677	$ 11,024	$ 12,399	$ 13,795	$ 13,795	$ 13,795	$ 13,795
State Utility Taxes and Franchise Fees	$ 57,951	$ 59,191	$ 60,330	$ 60,852	$ 61,240	$ 61,763	$ 62,338	$ 62,891	$ 64,963	$ 69,443	$ 70,007
Total Operating Expenses	**$ 795,102**	**$ 603,516**	**$ 564,226**	**$ 569,083**	**$ 579,730**	**$ 635,564**	**$ 704,905**	**$ 721,004**	**$ 749,093**	**$ 781,968**	**$ 802,394**
Net Revenues	**$ 517,075**	**$ 660,641**	**$ 701,979**	**$ 719,237**	**$ 728,668**	**$ 667,704**	**$ 619,597**	**$ 623,658**	**$ 647,094**	**$ 672,692**	**$ 672,798**
Debt Service	$ 209,449	$ 207,602	$ 198,989	$ 141,056	$ 136,439	$ 132,609	$ 123,913	$ 137,327	$ 161,568	$ 176,938	$ 180,676
Less: Build America Bond Subsidy	$ (3,586)	$ (3,565)	$ (3,533)	$ (3,483)	$ (3,451)	$ (3,385)	$ (3,317)	$ (3,241)	$ (3,097)	$ (3,050)	$ (2,814)
Less: Investment income on sinking fund	$ (1,431)	$ (2,342)	$ (2,365)	$ (2,389)	$ (2,413)	$ (2,437)	$ (2,461)	$ (2,486)	$ (2,511)	$ (2,536)	$ (2,561)
Total Electric System Debt Service	**$ 204,432**	**$ 201,694**	**$ 193,090**	**$ 135,185**	**$ 130,575**	**$ 126,787**	**$ 118,134**	**$ 131,600**	**$ 155,960**	**$ 171,352**	**$ 175,301**
Fixed Charge Calculation											
Net Revenues	**$ 517,075**	**$ 660,641**	**$ 701,979**	**$ 719,237**	**$ 728,668**	**$ 667,704**	**$ 619,597**	**$ 623,658**	**$ 647,094**	**$ 672,692**	**$ 672,798**
Less: City Contribution	$ (92,271)	$ (91,472)	$ (92,387)	$ (93,310)	$ (94,243)	$ (95,186)	$ (96,138)	$ (97,099)	$ (98,070)	$ (99,051)	$ (100,041)
Plus: SJRPP Debt Service	$ 42,301	$ 12,925	$ 24,908	$ 23,784	$ 24,069	$ 24,595	$ 24,558	$ 24,506	$ 24,464	$ 24,362	$ 24,259
Plus: Scherer Debt Service	$ 8,980	$ 9,943	$ 10,109	$ 10,691	$ 10,578	$ 10,544	$ 10,488	$ 7,493	$ 6,808	$ 6,553	$ 6,302
Plus: MEAG Fixed Charges	$ 9,211	$ 11,745	$ 14,327	$ 20,000	$ 31,465	$ 77,723	$ 115,266	$ 123,299	$ 123,263	$ 122,779	$ 123,091
Adjusted Net Revenues	**$ 476,085**	**$ 603,782**	**$ 658,937**	**$ 680,402**	**$ 700,537**	**$ 685,380**	**$ 673,771**	**$ 681,857**	**$ 703,560**	**$ 727,335**	**$ 726,409**
Total Fixed Charges	**$ 264,924**	**$ 236,307**	**$ 242,435**	**$ 189,660**	**$ 196,688**	**$ 239,649**	**$ 268,446**	**$ 286,898**	**$ 310,496**	**$ 325,045**	**$ 328,954**
Fixed Charge Coverage Ratio	**1.80**	**2.56**	**2.72**	**3.59**	**3.56**	**2.86**	**2.51**	**2.38**	**2.27**	**2.24**	**2.21**
FC Coverage Target	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
Senior and Subordinated Debt Service Coverage Ratio	**2.53**	**3.28**	**3.64**	**5.32**	**5.58**	**5.27**	**5.24**	**4.74**	**4.15**	**3.93**	**3.84**
DS Coverage Target	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20
Adjusted Debt Service Coverage Ratio	**2.33**	**2.99**	**3.41**	**5.03**	**5.36**	**5.41**	**5.70**	**5.18**	**4.51**	**4.24**	**4.14**

Net Fixed Assets Adjustment	91%	SRJPP Land	6,660
Depreciation Adjustment	3%	SJRPP Depr Exp	143

JEA
Electric System and Bulk Power Supply System
Schedule of Debt Service Coverage and Debt Ratios
(in thousands)

Confidential
Reports Prepared on **May 14, 2018**

	Actual 2017	Projection 2018	Projection 2019	Projection 2020	Projection 2021	Projection 2022	Projection 2023	Projection 2024	Projection 2025	Projection 2026	Projection 2027
Bonds payable, less current portion	$ 2,171,305	$ 2,019,350	$ 1,896,970	$ 1,829,205	$ 1,762,985	$ 1,697,580	$ 1,683,006	$ 1,668,960	$ 1,630,784	$ 1,584,073	$ 1,524,412
Revenue bonds due within one year	$ 135,105	$ 130,690	$ 122,380	$ 67,765	$ 66,220	$ 65,405	$ 57,420	$ 67,665	$ 91,585	$ 107,705	$ 113,285
SJRPP Total Debt	$ 408,885	$ 280,605	$ 278,885	$ 265,105	$ 251,765	$ 237,590	$ 222,305	$ 206,440	$ 189,995	$ 172,890	$ 155,325
Total Electric Enterprise Debt	**$ 2,715,295**	**$ 2,430,645**	**$ 2,298,235**	**$ 2,162,075**	**$ 2,080,970**	**$ 2,000,575**	**$ 1,962,731**	**$ 1,943,065**	**$ 1,912,364**	**$ 1,864,668**	**$ 1,793,022**
Less: Debt Service Reserve Fund	$ (65,433)	$ (52,833)	$ (50,943)	$ (48,573)	$ (47,142)	$ (45,755)	$ (44,123)	$ (42,847)	$ (41,568)	$ (40,167)	$ (38,479)
Less: Debt Service Sinking Fund	$ (174,529)	$ (192,332)	$ (166,037)	$ (109,372)	$ (106,881)	$ (105,034)	$ (97,104)	$ (107,685)	$ (131,650)	$ (147,565)	$ (151,430)
Less: SJRPP Debt Service Sinking Fund and Reserve Fund	$ (191,617)	$ (18,160)	$ (30,128)	$ (28,689)	$ (28,727)	$ (28,991)	$ (28,676)	$ (28,342)	$ (27,984)	$ (27,629)	$ (27,269)
Plus: Accrued Interest Payable	$ 40,458	$ 47,967	$ 45,867	$ 43,487	$ 41,878	$ 40,324	$ 39,910	$ 39,966	$ 39,729	$ 39,160	$ 38,023
Plus: SJRPP Accrued Interest Payable	$ 10,657	$ 5,603	$ 5,564	$ 5,222	$ 4,947	$ 4,655	$ 4,346	$ 4,031	$ 3,680	$ 3,398	$ 3,100
Total Net Funded Debt	**$ 2,334,831**	**$ 2,220,890**	**$ 2,102,558**	**$ 2,024,151**	**$ 1,945,045**	**$ 1,865,774**	**$ 1,837,085**	**$ 1,808,188**	**$ 1,754,570**	**$ 1,691,865**	**$ 1,616,966**
Electric & Bulk Power Net Fixed Assets	$ 2,687,232	$ 2,676,577	$ 2,784,510	$ 2,836,566	$ 2,897,549	$ 3,021,504	$ 3,021,951	$ 2,988,807	$ 2,946,414	$ 2,895,531	$ 2,836,157
SJRPP Net Fixed Assets	$ 522,298	$ 10,554	$ 10,411	$ 10,268	$ 10,125	$ 9,982	$ 9,839	$ 9,696	$ 9,553	$ 9,410	$ 9,267
Total Net Fixed Assets	**$ 3,209,530**	**$ 2,687,131**	**$ 2,794,921**	**$ 2,846,834**	**$ 2,907,674**	**$ 3,031,486**	**$ 3,031,790**	**$ 2,998,503**	**$ 2,955,967**	**$ 2,904,941**	**$ 2,845,424**
Electric & Bulk Power Total Current Assets	$ 587,502	$ 560,888	$ 570,956	$ 572,265	$ 561,976	$ 564,935	$ 562,337	$ 551,122	$ 535,761	$ 556,203	$ 563,053
SJRPP Total Current Assets	$ 81,726	$ 20,477	$ 5,128	$ 5,128	$ 5,128	$ 5,128	$ 5,128	$ 5,128	$ 5,128	$ 5,128	$ 5,128
Less: Electric & Bulk Power Total Current Liabilities	$ (145,154)	$ (120,569)	$ (118,553)	$ (119,169)	$ (120,530)	$ (127,051)	$ (135,191)	$ (137,519)	$ (141,031)	$ (145,062)	$ (147,575)
Less: SJRPP Total Current Liabilities	$ (14,049)	$ (18,372)	$ (3,023)	$ (3,023)	$ (3,023)	$ (3,023)	$ (3,023)	$ (3,023)	$ (3,023)	$ (3,023)	$ (3,023)
Total Net Working Capital	**$ 510,025**	**$ 442,424**	**$ 454,508**	**$ 455,201**	**$ 443,551**	**$ 439,989**	**$ 429,250**	**$ 415,708**	**$ 396,834**	**$ 413,246**	**$ 417,583**
Debt to Assets Ratio (Total Electric Enterprise, includes SJRPP)	**62.8%**	**71.0%**	**64.7%**	**61.3%**	**58.0%**	**53.7%**	**53.1%**	**53.0%**	**52.3%**	**51.0%**	**49.6%**

Electric Share - Line of Credit	297,000
W&S Operating Expenses, Net of Depr for Days of Liquidity	163,293

JEA Liquidity Ratios	Actual 2017	Projection 2018	Projection 2019	Projection 2020	Projection 2021	Projection 2022	Projection 2023	Projection 2024	Projection 2025	Projection 2026	Projection 2027
Total Operating Cash & Equivalents	360,692	340,281	349,775	348,213	335,382	339,078	333,698	319,842	297,720	310,490	314,651
Renewal and Replacement Funds	201,368	352,529	470,862	697,098	914,010	1,009,317	1,173,802	1,343,068	1,507,651	1,681,048	1,854,687
Total Operating Expenses	782,777	572,308	554,116	558,391	569,150	625,020	694,417	713,510	742,284	775,414	796,091
City Contribution	92,271	91,472	92,387	93,310	94,243	95,186	96,138	97,099	98,070	99,051	100,041
Modified Days Cash on Hand	**234**	**381**	**463**	**585**	**687**	**683**	**696**	**749**	**784**	**831**	**884**
Electric Share - Line of Credit Available	245,737	245,737	245,737	245,737	245,737	245,737	245,737	245,737	245,737	245,737	245,737
Modified Day of Liquidity	**337**	**516**	**602**	**723**	**823**	**808**	**809**	**859**	**891**	**934**	**984**

MODEL IS BASED ON PSC SYSTEM CAPACITY PLANNING ASSUMPTIONS
*** ASSUMPTIONS AND FORECAST DO NOT REPRESENT A MANAGEMENT CASE FORECAST FOR FINANCIAL PURPOSES ***

JEA
Electric System and Bulk Power Supply System
Statement of Cash Flows
(in thousands)

Confidential
Reports Prepared on May 14, 2018

	2017	Projection 2018	Projection 2019	Projection 2020	Projection 2021	Projection 2022	Projection 2023	Projection 2024	Projection 2025	Projection 2026	Projection 2027
Cash Flow from Operating Activities											
Net Income		$ 376,130	$ 428,397	$ 443,127	$ 442,511	$ 373,559	$ 314,482	$ 301,309	$ 314,588	$ 331,824	$ 326,377
Depreciation and amortization		$ 201,010	$ 204,931	$ 212,115	$ 223,921	$ 233,890	$ 244,641	$ 258,144	$ 267,393	$ 275,883	$ 284,374
Recognition of deferred costs and revenues, net		$ (21,265)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
(Gain)/Loss on sale of assets		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Transfers to/(from) rate stabilization funds		$ (8,241)	$ 9,495	$ (1,562)	$ (12,831)	$ 3,696	$ (5,381)	$ (13,855)	$ (22,122)	$ 12,770	$ 4,161
Changes in noncash assets and noncash liabilities:											
Decrease (increase) accounts receivable		$ 6,202	$ (573)	$ (2,871)	$ (2,542)	$ 737	$ (2,782)	$ (2,641)	$ (6,760)	$ (7,672)	$ (2,690)
Decrease (increase) accounts receivable, restricted		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Decrease (increase) in inventories		$ 1,631	$ 2,495	$ 809	$ (754)	$ 73	$ (1,761)	$ (1,001)	$ (997)	$ (1,251)	$ (1,055)
Decrease (increase) in other deferred outflow assets		$ (6,662)	$ 7,919	$ 5,790	$ 5,757	$ 5,723	$ 5,699	$ 5,699	$ 5,699	$ 5,659	$ 3,677
Increase (decrease) in other assets		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Increase (decrease) in accounts and expenses payable		$ (24,585)	$ (2,016)	$ 616	$ 1,361	$ 6,521	$ 8,140	$ 2,328	$ 3,512	$ 4,031	$ 2,514
Increase (decrease) in liabilities payable, restricted		$ 7,509	$ (2,100)	$ (2,380)	$ (1,609)	$ (1,554)	$ (414)	$ 56	$ (238)	$ (568)	$ (1,137)
Increase (decrease) in other liabilities and amortization of OID/OIP		$ 21,154	$ (12,963)	$ (10,143)	$ (8,741)	$ (7,624)	$ (6,623)	$ (6,020)	$ (5,406)	$ (4,602)	$ (3,713)
Total cash from Operating Activities	**-**	**$ 552,885**	**$ 635,584**	**$ 645,500**	**$ 647,072**	**$ 615,019**	**$ 556,001**	**$ 544,020**	**$ 555,669**	**$ 616,073**	**$ 612,508**
		$ (2,991)	$ 2,255								
Cash Flow from Investing Activities											
Investments in Property, Plant and Equip.		$ (190,355)	$ (312,865)	$ (264,171)	$ (284,904)	$ (357,844)	$ (245,088)	$ (225,000)	$ (225,000)	$ (225,000)	$ (225,000)
(Purchases)/sales of Investments		$ (5,203)	$ 28,185	$ 59,036	$ 3,921	$ 3,234	$ 9,562	$ (9,305)	$ (22,686)	$ (14,514)	$ (2,177)
Proceeds from Sale of Assets		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total cash from Investing Activities	**-**	**$ (195,558)**	**$ (284,680)**	**$ (205,135)**	**$ (280,983)**	**$ (354,610)**	**$ (235,526)**	**$ (234,305)**	**$ (247,686)**	**$ (239,514)**	**$ (227,177)**
Cash Flow from Financing Activities											
Scheduled debt repayment		$ (135,105)	$ (130,690)	$ (122,380)	$ (67,765)	$ (66,220)	$ (65,405)	$ (57,420)	$ (67,665)	$ (91,585)	$ (107,705)
Proceeds from sale of bonds		$ -	$ -	$ -	$ -	$ -	$ 171	$ 214	$ 214	$ 244	$ 214
Increase/(decrease) in Line of Credit borrowing		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Early Debt Retirement/Defeasance		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
City of Jacksonville Contribution		$ (91,472)	$ (92,387)	$ (93,310)	$ (94,243)	$ (95,186)	$ (96,138)	$ (97,099)	$ (98,070)	$ (99,051)	$ (100,041)
Total cash flow from Financing Activities	**-**	**$ (226,577)**	**$ (223,077)**	**$ (215,690)**	**$ (162,008)**	**$ (161,406)**	**$ (161,371)**	**$ (154,305)**	**$ (165,522)**	**$ (190,392)**	**$ (207,532)**

JEA
Electric System and Bulk Power Supply System
EBITDA
(in thousands)

MODEL IS BASED ON PSC SYSTEM CAPACITY PLANNING ASSUMPTIONS
*** ASSUMPTIONS AND FORECAST DO NOT REPRESENT A MANAGEMENT CASE FORECAST FOR FINANCIAL PURPOSES ***

	Actual	Projection	Projection	Projection	Projection	Projection	Projection	Projection	Projection	Projection	Projection	Projection
Years	**2017**	**2018**	**2019**	**2020**	**2021**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**
PV Periods	*0*	*0*	*1*	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*	*10*
Operating revenues:												
Electric - base	$ 822,513	$ 794,430	$ 835,067	$ 866,791	$ 877,582	$ 873,391	$ 872,098	$ 880,001	$ 919,307	$ 962,568	$ 970,182	$ 977,861
Electric - fuel and purchased power	$ 447,631	$ 441,513	$ 407,417	$ 397,291	$ 405,590	$ 403,900	$ 426,105	$ 438,035	$ 449,925	$ 464,803	$ 477,384	$ 490,173
Other, net of allowances	$ 29,447	$ 19,152	$ 16,918	$ 17,129	$ 17,342	$ 17,558	$ 17,775	$ 17,995	$ 18,217	$ 18,441	$ 18,668	$ 18,897
Total operating revenues	**$ 1,299,591**	**$ 1,255,095**	**$ 1,259,403**	**$ 1,281,211**	**$ 1,300,515**	**$ 1,294,848**	**$ 1,315,978**	**$ 1,336,031**	**$ 1,387,449**	**$ 1,445,813**	**$ 1,466,234**	**$ 1,486,930**
Operating expenses:												
Fuel	$ 289,948	$ 340,106	$ 342,770	$ 337,365	$ 350,104	$ 354,904	$ 365,638	$ 376,352	$ 387,021	$ 400,654	$ 411,944	$ 423,415
Purchased power	$ 217,618	$ 145,451	$ 124,384	$ 122,982	$ 129,917	$ 162,814	$ 224,495	$ 237,102	$ 247,941	$ 266,979	$ 269,781	$ 275,789
Maintenance and other operating expenses	$ 219,434	$ 47,620	$ 25,390	$ 35,914	$ 26,573	$ 44,182	$ 40,549	$ 35,725	$ 40,876	$ 36,811	$ 42,786	$ 40,436
Total operating expenses	**$ 727,001**	**$ 533,176**	**$ 492,544**	**$ 496,261**	**$ 506,593**	**$ 561,900**	**$ 630,682**	**$ 649,180**	**$ 675,838**	**$ 704,444**	**$ 724,511**	**$ 739,640**
EBITDA	**$ 572,590**	**$ 721,919**	**$ 766,858**	**$ 784,950**	**$ 793,922**	**$ 732,948**	**$ 685,296**	**$ 686,851**	**$ 711,611**	**$ 741,368**	**$ 741,723**	**$ 747,290**
Capital Expenditures	$ 134,782	$ 190,355	$ 312,865	$ 264,171	$ 284,904	$ 357,844	$ 245,088	$ 225,000	$ 225,000	$ 225,000	$ 225,000	$ 225,000
Operating Free Cash Flow	**$ 437,808**	**$ 531,565**	**$ 453,993**	**$ 520,779**	**$ 509,018**	**$ 375,104**	**$ 440,208**	**$ 461,851**	**$ 486,611**	**$ 516,368**	**$ 516,723**	**$ 522,290**
	Rate											
FCF discounted at 5%	5%	$ 531,565	$ 432,374	$ 472,362	$ 439,708	$ 308,599	$ 344,915	$ 344,641	$ 345,825	$ 349,498	$ 333,084	$ 320,641
FCF discounted at 10%	10%	$ 531,565	$ 412,721	$ 430,396	$ 382,432	$ 256,201	$ 273,335	$ 260,703	$ 249,708	$ 240,890	$ 219,141	$ 201,365
FCF discounted at 15%	15%	$ 531,565	$ 394,777	$ 393,784	$ 334,687	$ 214,467	$ 218,861	$ 199,671	$ 182,935	$ 168,802	$ 146,885	$ 129,102
City Contribution	*$ 92,271*	*$ 91,472*	*$ 92,387*	*$ 93,310*	*$ 94,243*	*$ 95,186*	*$ 96,138*	*$ 97,099*	*$ 98,070*	*$ 99,051*	*$ 100,041*	*$ 101,042*

*** ASSUM

Saved Inputs	Sheet		Cell
Base Year		2,017	Inputs!B6
Annual Mwh Growth		0	Inputs!B8
Customer Owned Solar (C.O.S.)			
Capacity Factor		0%	Inputs!B11
Starting Month/Year		0%	Inputs!B12
Res Capacity (MW)		0	Inputs!B14
Res Sales (Mwh)		0	Inputs!B15
Com Capacity (MW)		0	Inputs!B17
Com Sales (Mwh)		0	Inputs!B18
Total Sales (Mwh)		0	Inputs!B19
Growth(1) / Load(0)		0	Inputs!B21
Annual Growth Rate		0	Inputs!B22
% of Sales		0	Inputs!B23
Final Year of Gowth Penetrati		0	Inputs!B24
Operating Assumptions			
Base Rate Yield ($/mwh)		64	Inputs!B30
Environmental Rate Yield	$	0.61	Inputs!B31
PP&E useful life (yrs)		26.5	Inputs!B32
Avg. IR fixed swap rate		0.0475	Inputs!B33
Hedged VR %		0.679	Inputs!B34
Assumed GRT rate		0.025	Inputs!B35
Uncollectibles %		0.20%	Inputs!B36
Production loss rate		4.00%	Inputs!B37
Fuel Rate Discount Adjustmer		1.30%	Inputs!B38
Fuel Cost Escalator		2.00%	Inputs!B39
General O&M Growth		2.00%	Inputs!B41
Salary Growth		2.00%	Inputs!B42
Overtime Growth		2.00%	Inputs!B43
Salaries Regular and Temp		$117,463,571	Inputs!B44
Overtime		$11,795,882	Inputs!B45
Pension Cost % of Salaries		22.17%	Inputs!B46
Est. Current Yr. Pension		$26,042,993	Inputs!B47
Heatlth Care % of Salaries		10.80%	Inputs!B48
Est. Current Yr. Health Care		$12,690,029	Inputs!B49
Other Employee Benefits % o		9.00%	Inputs!B50
Current Yr. Other Benefits		$10,569,040	Inputs!B51
Operating Reserves/Adjustme		$5,000,000	Inputs!B52
Conservation Charge Revenu		$919,528	Inputs!B55
Investment Income		$8,442,782	Inputs!B56

Natural Gas Revenue Pass T		$1,226,100	Inputs!B57
DSM / Conservation O&M		$6,693,935	Inputs!B59
Environmental O&M		$1,182,574	Inputs!B60
Net Transfer to Rate Stabiliza		$445,368	Inputs!B61
Natural Gas Expense Pass Tl		$1,348,422	Inputs!B62
Debt Service Interest		$79,990,959	Inputs!B64
City Contribution Contract		$91,471,795	Inputs!B68
City Contribution-Additional		$0	Inputs!C68
City Contribution- New Year		$2,047	Inputs!B70
City Contribution- New %		50.00%	Inputs!C70
City Contribution-JEA Total		$115,822,950	Inputs!D70
Debt Issuance Assumptions			
Bond series Cost of Issuance		$500,000	Inputs!B73
Underwriter's Discount ($/100		$4	Inputs!B74
Bond Rounding		$1	Inputs!B75
First Maturity Date		10/1/2018	Inputs!B76
Final Maturity Date		10/1/2066	Inputs!B78
Wrap electric debt?	Yes		Inputs!B79
Wrap around rates?	No		Inputs!B80
Wrap around SJRPP and Scl	Yes		Inputs!B81
Plant Disposition Assumptions			
Retirement Date Northside 1		2046	Inputs!B84
Retirement Date Northside 2		2046	Inputs!B85
Retirement Date Northside 3		2031	Inputs!B86
Retirement Date Northside C		2046	Inputs!B87
Retirement Date Kennedy CT		2046	Inputs!B88
Retirement Date SJRPP 1		2019	Inputs!B89
Retirement Date SJRPP 2		2019	Inputs!B90
Retirement Date Scherer		2046	Inputs!B91
Retirement Date Brandy Bran		2046	Inputs!B92
Retirement Date Brandy Bran		2046	Inputs!B93
Retirement Date Greenland E		2046	Inputs!B94
Sale or Retire Northside 1		0	Inputs!C84
Sale or Retire Northside 2		0	Inputs!C85
Sale or Retire Northside 3		0	Inputs!C86
Sale or Retire Northside CT		0	Inputs!C87
Sale or Retire Kennedy CT		0	Inputs!C88
Sale or Retire SJRPP 1		0	Inputs!C89
Sale or Retire SJRPP 2		0	Inputs!C90
Sale or Retire Scherer		0	Inputs!C91
Sale or Retire Brandy Branch		0	Inputs!C92
Sale or Retire Brandy Branch		0	Inputs!C93
Sale or Retire Greenland Ene		0	Inputs!C94
New Plant Assumptions			
GEC Conversion Year in Serv		0	Inputs!B97
New Gas Plant 1 Year in Serv		0	Inputs!B98

New Gas Plant 2 Year in Serv	0	Inputs!B99
New Gas Plant 3 Year in Serv	0	Inputs!B100
New Gas Plant 4 Year in Serv	0	Inputs!B101
New Gas Plant 5 Year in Serv	0	Inputs!B102
GEC Conversion Capital Cost	0	Inputs!C97
New Gas Plant 1 Capital Cost	0	Inputs!C98
New Gas Plant 2 Capital Cost	0	Inputs!C99
New Gas Plant 3 Capital Cost	0	Inputs!C100
New Gas Plant 4 Capital Cost	0	Inputs!C101
New Gas Plant 5 Capital Cost	0	Inputs!C102
GEC Conversion Constructior	0	Inputs!D97
New Gas Plant 1 Constructior	0	Inputs!D98
New Gas Plant 2 Constructior	0	Inputs!D99
New Gas Plant 3 Constructior	0	Inputs!D100
New Gas Plant 4 Constructior	0	Inputs!D101
New Gas Plant 5 Constructior	0	Inputs!D102
Target Fund Balances		
Operating Fund	$42,630,000	Inputs!B105
Health Insurance Fund	$9,214,000	Inputs!B106
Capital Fund Maximum	$150,000,000	Inputs!B107
Capital Fund Minimum	$60,000,000	Inputs!B108
Debt Management Strategy	$29,884,152	Inputs!B109
NFPP Stabilization Fund Deposits		
2018	$40,000	Inputs!B113
2019	$17,630	Inputs!B114
2020	$0	Inputs!B115
2021	$0	Inputs!B116
2022	$0	Inputs!B117
2023	$0	Inputs!B118
2024	$0	Inputs!B119
2025	$0	Inputs!B120
2026	$0	Inputs!B121
NFPP Stabilization Fund Withdrawals		
2018	$11,745	Inputs!C113
2019	$14,327	Inputs!C114
2020	$20,000	Inputs!C115
2021	$24,194	Inputs!C116
2022	$11,532	Inputs!C117
2023	$1,020	Inputs!C118
2024	$0	Inputs!C119
2025	$0	Inputs!C120
2026	$0	Inputs!C121
Partial Year Rate Change		
Effective Rate Change FY	2017	Inputs!B124
Effective Rate Change Month	2	Inputs!C124
Fuel Rate		

2018	32.5	Inputs!F8
2019	32.5	Inputs!F9
2020	32.5	Inputs!F10
2021	32.5	Inputs!F11
2022	32.5	Inputs!F12
2023	32.5	Inputs!F13
2024	32.5	Inputs!F14
2025	32.5	Inputs!F15
2026	36	Inputs!F16
2027	36	Inputs!F17
2028	36	Inputs!F18
2029	36	Inputs!F19
2030	39.25	Inputs!F20
2031	39.25	Inputs!F21
2032	39.25	Inputs!F22
2033	39.25	Inputs!F23
2034	42.25	Inputs!F24
2035	42.25	Inputs!F25
2036	42.25	Inputs!F26
2037	42.25	Inputs!F27
2038	46	Inputs!F28
2039	46	Inputs!F29
2040	46	Inputs!F30
2041	46	Inputs!F31
2042	50.5	Inputs!F32
2043	50.5	Inputs!F33
2044	50.5	Inputs!F34
2045	50.5	Inputs!F35
2046	50.5	Inputs!F36
2047	50.5	Inputs!F37

Territory kWh

2018	12,390,324	Inputs!G8
2019	12,628,266	Inputs!G9
2020	12,736,367	Inputs!G10
2021	12,816,532	Inputs!G11
2022	12,924,755	Inputs!G12
2023	13,044,067	Inputs!G13
2024	13,158,545	Inputs!G14
2025	13,267,347	Inputs!G15
2026	13,374,469	Inputs!G16
2027	13,481,921	Inputs!G17
2028	13,590,288	Inputs!G18

Base Rate Adjustment

2018	0%	Inputs!J8
2019	0%	Inputs!J9
2020	0%	Inputs!J10

	2021	0%	Inputs!J11
	2022	0%	Inputs!J12
	2023	0%	Inputs!J13
	2024	0%	Inputs!J14
	2025	4%	Inputs!J15
	2026	4%	Inputs!J16
	2027	0%	Inputs!J17
	2028	0%	Inputs!J18
	2029	0%	Inputs!J19
	2030	0%	Inputs!J20
	2031	0%	Inputs!J21
	2032	0%	Inputs!J22
	2033	0%	Inputs!J23
	2034	0%	Inputs!J24
	2035	0%	Inputs!J25
	2036	0%	Inputs!J26
	2037	0%	Inputs!J27
	2038	0%	Inputs!J28
	2039	0%	Inputs!J29
	2040	0%	Inputs!J30
	2041	0%	Inputs!J31
	2042	0%	Inputs!J32
	2043	0%	Inputs!J33
	2044	0%	Inputs!J34
	2045	0%	Inputs!J35
	2046	0%	Inputs!J36
	2047	0%	Inputs!J37
Other Revenues Adj			
	2018	1%	Inputs!L8
	2019	1%	Inputs!L9
	2020	1%	Inputs!L10
	2021	1%	Inputs!L11
	2022	1%	Inputs!L12
	2023	1%	Inputs!L13
	2024	1%	Inputs!L14
	2025	1%	Inputs!L15
	2026	1%	Inputs!L16
	2027	1%	Inputs!L17
	2028	1%	Inputs!L18
	2029	1%	Inputs!L19
	2030	1%	Inputs!L20
	2031	1%	Inputs!L21
	2032	1%	Inputs!L22
	2033	1%	Inputs!L23
	2034	1%	Inputs!L24
	2035	1%	Inputs!L25

	2036	1%	Inputs!L26
	2037	1%	Inputs!L27
	2038	1%	Inputs!L28
	2039	1%	Inputs!L29
	2040	1%	Inputs!L30
	2041	1%	Inputs!L31
	2042	1%	Inputs!L32
	2043	1%	Inputs!L33
	2044	1%	Inputs!L34
	2045	1%	Inputs!L35
	2046	1%	Inputs!L36
	2047	1%	Inputs!L37
Base CapEx			
	2018	190354526.2	Inputs!N8
	2019	312865100	Inputs!N9
	2020	264170746	Inputs!N10
	2021	284904000	Inputs!N11
	2022	357844000	Inputs!N12
	2023	245088000	Inputs!N13
	2024	225000000	Inputs!N14
	2025	225000000	Inputs!N15
	2026	225000000	Inputs!N16
	2027	225000000	Inputs!N17
	2028	225000000	Inputs!N18
	2029	225000000	Inputs!N19
	2030	225000000	Inputs!N20
	2031	225000000	Inputs!N21
	2032	225000000	Inputs!N22
	2033	225000000	Inputs!N23
	2034	225000000	Inputs!N24
	2035	225000000	Inputs!N25
	2036	225000000	Inputs!N26
	2037	225000000	Inputs!N27
	2038	225000000	Inputs!N28
	2039	225000000	Inputs!N29
	2040	225000000	Inputs!N30
	2041	225000000	Inputs!N31
	2042	225000000	Inputs!N32
	2043	225000000	Inputs!N33
	2044	225000000	Inputs!N34
	2045	225000000	Inputs!N35
	2046	225000000	Inputs!N36
	2047	225000000	Inputs!N37
Fuel Credit			
	2018	$ -	Inputs!R8
	2019	$ -	Inputs!R9

2020	$	-	Inputs!R10
2021	$	-	Inputs!R11
2022	$	-	Inputs!R12
2023	$	-	Inputs!R13
2024	$	-	Inputs!R14
2025	$	-	Inputs!R15
2026	$	-	Inputs!R16
2027	$	-	Inputs!R17
2028	$	-	Inputs!R18
2029	$	-	Inputs!R19
2030	$	-	Inputs!R20
2031	$	-	Inputs!R21
2032	$	-	Inputs!R22
2033	$	-	Inputs!R23
2034	$	-	Inputs!R24
2035	$	-	Inputs!R25
2036	$	-	Inputs!R26
2037	$	-	Inputs!R27
2038	$	-	Inputs!R28
2039	$	-	Inputs!R29
2040	$	-	Inputs!R30
2041	$	-	Inputs!R31
2042	$	-	Inputs!R32
2043	$	-	Inputs!R33
2044	$	-	Inputs!R34
2045	$	-	Inputs!R35
2046	$	-	Inputs!R36
2047	$	-	Inputs!R37

Scherer Capital

2018	24,432,091	Inputs!AA8
2019	5,849,342	Inputs!AA9
2020	10,669,349	Inputs!AA10
2021	4,013,145	Inputs!AA11
2022	15,560,723	Inputs!AA12
2023	12,104,930	Inputs!AA13
2024	9,639,498	Inputs!AA14
2025	10,397,529	Inputs!AA15
2026	10,343,165	Inputs!AA16
2027	11,609,169	Inputs!AA17
2028	10,818,858	Inputs!AA18
2029	10,561,644	Inputs!AA19
2030	10,746,073	Inputs!AA20
2031	10,815,782	Inputs!AA21
2032	10,910,305	Inputs!AA22
2033	10,770,532	Inputs!AA23
2034	10,760,867	Inputs!AA24

	2035	10,800,712	Inputs!AA25
	2036	10,811,640	Inputs!AA26
	2037	10,810,811	Inputs!AA27
	2038	10,790,912	Inputs!AA28
	2039	10,794,988	Inputs!AA29
	2040	10,801,813	Inputs!AA30
	2041	10,802,033	Inputs!AA31
	2042	10,800,112	Inputs!AA32
	2043	10,797,972	Inputs!AA33
	2044	10,799,383	Inputs!AA34
	2045	10,800,262	Inputs!AA35
	2046	10,799,952	Inputs!AA36
	2047	10,799,536	Inputs!AA37
Scherer Transmission			
	2018	5,500,000	Inputs!AB8
	2019	5,500,000	Inputs!AB9
	2020	5,500,000	Inputs!AB10
	2021	5,500,000	Inputs!AB11
	2022	5,500,000	Inputs!AB12
	2023	5,500,000	Inputs!AB13
	2024	5,500,000	Inputs!AB14
	2025	5,500,000	Inputs!AB15
	2026	5,500,000	Inputs!AB16
	2027	5,500,000	Inputs!AB17
	2028	5,500,000	Inputs!AB18
	2029	5,500,000	Inputs!AB19
	2030	5,500,000	Inputs!AB20
	2031	5,500,000	Inputs!AB21
	2032	5,500,000	Inputs!AB22
	2033	5,500,000	Inputs!AB23
	2034	5,500,000	Inputs!AB24
	2035	5,500,000	Inputs!AB25
	2036	5,500,000	Inputs!AB26
	2037	5,500,000	Inputs!AB27
	2038	5,500,000	Inputs!AB28
	2039	5,500,000	Inputs!AB29
	2040	5,500,000	Inputs!AB30
	2041	5,500,000	Inputs!AB31
	2042	5,500,000	Inputs!AB32
	2043	5,500,000	Inputs!AB33
	2044	5,500,000	Inputs!AB34
	2045	5,500,000	Inputs!AB35
	2046	5,500,000	Inputs!AB36
	2047	5,500,000	Inputs!AB37
SJRPP Capital			
	2018	(4,395,310)	Inputs!AF8

	2019	2,976,288	Inputs!AF9
	2020	2,930,883	Inputs!AF10
	2021	2,970,359	Inputs!AF11
	2022	3,040,087	Inputs!AF12
	2023	3,039,548	Inputs!AF13
	2024	3,037,477	Inputs!AF14
	2025	3,036,834	Inputs!AF15
	2026	3,028,862	Inputs!AF16
	2027	3,021,214	Inputs!AF17
	2028	3,012,015	Inputs!AF18
	2029	2,570,149	Inputs!AF19
	2030	2,562,825	Inputs!AF20
	2031	2,558,028	Inputs!AF21
	2032	1,662,413	Inputs!AF22
	2033	1,459,501	Inputs!AF23
	2034	1,551,208	Inputs!AF24
	2035	1,542,419	Inputs!AF25
	2036	1,531,569	Inputs!AF26
	2037	1,546,475	Inputs!AF27
	2038	500,925	Inputs!AF28
	2039	501,150	Inputs!AF29
	2040	0	Inputs!AF30
	2041	0	Inputs!AF31
	2042	0	Inputs!AF32
	2043	0	Inputs!AF33
	2044	0	Inputs!AF34
	2045	0	Inputs!AF35
	2046	0	Inputs!AF36
	2047	0	Inputs!AF37
SJRPP Invest Credits			
	2018	0	Inputs!AG8
	2019	0	Inputs!AG9
	2020	0	Inputs!AG10
	2021	0	Inputs!AG11
	2022	(24,595,340)	Inputs!AG12
	2023	(24,557,928)	Inputs!AG13
	2024	(24,506,363)	Inputs!AG14
	2025	(18,575,370)	Inputs!AG15
	2026	0	Inputs!AG16
	2027	0	Inputs!AG17
	2028	0	Inputs!AG18
	2029	0	Inputs!AG19
	2030	0	Inputs!AG20
	2031	0	Inputs!AG21
	2032	0	Inputs!AG22
	2033	0	Inputs!AG23

	2034	0	Inputs!AG24
	2035	0	Inputs!AG25
	2036	0	Inputs!AG26
	2037	0	Inputs!AG27
	2038	0	Inputs!AG28
	2039	0	Inputs!AG29
	2040	0	Inputs!AG30
	2041	0	Inputs!AG31
	2042	0	Inputs!AG32
	2043	0	Inputs!AG33
	2044	0	Inputs!AG34
	2045	0	Inputs!AG35
	2046	0	Inputs!AG36
	2047	0	Inputs!AG37
SJRPP Transmission			
	2018	0	Inputs!AH8
	2019	0	Inputs!AH9
	2020	0	Inputs!AH10
	2021	0	Inputs!AH11
	2022	0	Inputs!AH12
	2023	0	Inputs!AH13
	2024	0	Inputs!AH14
	2025	0	Inputs!AH15
	2026	0	Inputs!AH16
	2027	0	Inputs!AH17
	2028	0	Inputs!AH18
	2029	0	Inputs!AH19
	2030	0	Inputs!AH20
	2031	0	Inputs!AH21
	2032	0	Inputs!AH22
	2033	0	Inputs!AH23
	2034	0	Inputs!AH24
	2035	0	Inputs!AH25
	2036	0	Inputs!AH26
	2037	0	Inputs!AH27
	2038	0	Inputs!AH28
	2039	0	Inputs!AH29
	2040	0	Inputs!AH30
	2041	0	Inputs!AH31
	2042	0	Inputs!AH32
	2043	0	Inputs!AH33
	2044	0	Inputs!AH34
	2045	0	Inputs!AH35
	2046	0	Inputs!AH36
	2047	0	Inputs!AH37
MEAG Payments			

2018	11,744,583	Inputs!AJ8
2019	14,327,360	Inputs!AJ9
2020	19,999,980	Inputs!AJ10
2021	34,992,314	Inputs!AJ11
2022	101,483,925	Inputs!AJ12
2023	151,659,675	Inputs!AJ13
2024	163,017,040	Inputs!AJ14
2025	166,690,392	Inputs!AJ15
2026	165,961,607	Inputs!AJ16
2027	167,545,122	Inputs!AJ17
2028	172,323,909	Inputs!AJ18
2029	171,209,170	Inputs!AJ19
2030	172,465,166	Inputs!AJ20
2031	178,454,257	Inputs!AJ21
2032	177,425,485	Inputs!AJ22
2033	178,713,334	Inputs!AJ23
2034	183,912,067	Inputs!AJ24
2035	182,336,712	Inputs!AJ25
2036	176,813,901	Inputs!AJ26
2037	170,510,192	Inputs!AJ27
2038	162,560,546	Inputs!AJ28
2039	156,651,001	Inputs!AJ29
2040	150,798,088	Inputs!AJ30
2041	134,921,484	Inputs!AJ31
2042	60,921,121	Inputs!AJ32
2043	0	Inputs!AJ33
2044	0	Inputs!AJ34
2045	0	Inputs!AJ35
2046	0	Inputs!AJ36
2047	0	Inputs!AJ37

MEAG Payments

2018	11,744,583	Inputs!AK8
2019	14,327,360	Inputs!AK9
2020	19,999,980	Inputs!AK10
2021	31,464,781	Inputs!AK11
2022	77,723,091	Inputs!AK12
2023	115,265,684	Inputs!AK13
2024	123,298,519	Inputs!AK14
2025	123,263,428	Inputs!AK15
2026	122,779,241	Inputs!AK16
2027	123,091,427	Inputs!AK17
2028	123,694,583	Inputs!AK18
2029	124,195,168	Inputs!AK19
2030	124,513,389	Inputs!AK20
2031	124,725,023	Inputs!AK21
2032	125,044,793	Inputs!AK22

	2033	125,312,572	Inputs!AK23
	2034	125,535,136	Inputs!AK24
	2035	125,883,712	Inputs!AK25
	2036	118,013,530	Inputs!AK26
	2037	105,872,769	Inputs!AK27
	2038	100,031,762	Inputs!AK28
	2039	93,969,850	Inputs!AK29
	2040	84,687,552	Inputs!AK30
	2041	72,951,902	Inputs!AK31
	2042	0	Inputs!AK32
	2043	0	Inputs!AK33
	2044	0	Inputs!AK34
	2045	0	Inputs!AK35
	2046	0	Inputs!AK36
	2047	0	Inputs!AK37
Votgle Capital			
	2018	0	Inputs!AL8
	2019	0	Inputs!AL9
	2020	0	Inputs!AL10
	2021	0	Inputs!AL11
	2022	0	Inputs!AL12
	2023	0	Inputs!AL13
	2024	0	Inputs!AL14
	2025	0	Inputs!AL15
	2026	0	Inputs!AL16
	2027	0	Inputs!AL17
	2028	0	Inputs!AL18
	2029	0	Inputs!AL19
	2030	0	Inputs!AL20
	2031	0	Inputs!AL21
	2032	0	Inputs!AL22
	2033	0	Inputs!AL23
	2034	0	Inputs!AL24
	2035	0	Inputs!AL25
	2036	0	Inputs!AL26
	2037	0	Inputs!AL27
	2038	0	Inputs!AL28
	2039	0	Inputs!AL29
	2040	0	Inputs!AL30
	2041	0	Inputs!AL31
	2042	0	Inputs!AL32
	2043	0	Inputs!AL33
	2044	0	Inputs!AL34
	2045	0	Inputs!AL35
	2046	0	Inputs!AL36
	2047	0	Inputs!AL37

Votgle Transmission

2018	7,200,000	Inputs!AM8
2019	7,200,000	Inputs!AM9
2020	7,200,000	Inputs!AM10
2021	7,200,000	Inputs!AM11
2022	7,200,000	Inputs!AM12
2023	7,200,000	Inputs!AM13
2024	7,200,000	Inputs!AM14
2025	7,200,000	Inputs!AM15
2026	7,200,000	Inputs!AM16
2027	7,200,000	Inputs!AM17
2028	7,200,000	Inputs!AM18
2029	7,200,000	Inputs!AM19
2030	7,200,000	Inputs!AM20
2031	7,200,000	Inputs!AM21
2032	7,200,000	Inputs!AM22
2033	7,200,000	Inputs!AM23
2034	7,200,000	Inputs!AM24
2035	7,200,000	Inputs!AM25
2036	7,200,000	Inputs!AM26
2037	7,200,000	Inputs!AM27
2038	7,200,000	Inputs!AM28
2039	7,200,000	Inputs!AM29
2040	7,200,000	Inputs!AM30
2041	7,200,000	Inputs!AM31
2042	7,200,000	Inputs!AM32
2043	7,200,000	Inputs!AM33
2044	7,200,000	Inputs!AM34
2045	7,200,000	Inputs!AM35
2046	7,200,000	Inputs!AM36
2047	7,200,000	Inputs!AM37

Fuel Expense

Forecast Date	4/6/2018	Inputs!AV6
NS CFB	1	Inputs!AV5
2018	87,578,750	Inputs!AV8
2019	88,914,300	Inputs!AV9
2020	89,321,900	Inputs!AV10
2021	92,797,500	Inputs!AV11
2022	93,988,100	Inputs!AV12
SJRPP	1	Inputs!AW5
2018	27,007,619	Inputs!AW8
2019	(1,598,215)	Inputs!AW9
2020	0	Inputs!AW10
2021	0	Inputs!AW11
2022	0	Inputs!AW12

Scherer		1	Inputs!AX5
	2018	27,295,626	Inputs!AX8
	2019	37,562,000	Inputs!AX9
	2020	30,458,400	Inputs!AX10
	2021	32,931,100	Inputs!AX11
	2022	30,766,400	Inputs!AX12
Nuclear		1	Inputs!AY5
	2018	0	Inputs!AY8
	2019	0	Inputs!AY9
	2020	0	Inputs!AY10
	2021	0	Inputs!AY11
	2022	8,450,000	Inputs!AY12
#6 Oil		1	Inputs!AZ5
	2018	4,331,122	Inputs!AZ8
	2019	623,300	Inputs!AZ9
	2020	707,400	Inputs!AZ10
	2021	699,700	Inputs!AZ11
	2022	999,500	Inputs!AZ12
Gas		1	Inputs!BA5
	2018	151,418,754	Inputs!BA8
	2019	146,730,704	Inputs!BA9
	2020	143,916,521	Inputs!BA10
	2021	144,786,106	Inputs!BA11
	2022	153,024,565	Inputs!BA12
Diesel		1	Inputs!BB5
	2018	2,972,537	Inputs!BB8
	2019	218,600	Inputs!BB9
	2020	1,119,200	Inputs!BB10
	2021	3,926,600	Inputs!BB11
	2022	1,555,700	Inputs!BB12
Solar		0	Inputs!BC5
	2018	7,216,867	Inputs!BC8
	2019	9,118,000	Inputs!BC9
	2020	19,645,000	Inputs!BC10
	2021	22,350,000	Inputs!BC11
	2022	22,504,000	Inputs!BC12
Other PP		1	Inputs!BD5
	2018	77,469,115	Inputs!BD8
	2019	66,905,000	Inputs!BD9

	2020	60,833,000	Inputs!BD10
	2021	57,105,000	Inputs!BD11
	2022	42,640,000	Inputs!BD12
OSS		1	Inputs!BE5
	2018	(1,342,219)	Inputs!BE8
	2019	(2,220,000)	Inputs!BE9
	2020	(2,060,000)	Inputs!BE10
	2021	(1,944,000)	Inputs!BE11
	2022	(1,876,000)	Inputs!BE12
Fixed Gas Transport		1	Inputs!BG5
	2018	40,043,161	Inputs!BG8
	2019	40,531,872	Inputs!BG9
	2020	39,740,926	Inputs!BG10
	2021	39,541,294	Inputs!BG11
	2022	35,490,447	Inputs!BG12
Byproduct Disposal		1	Inputs!BH5
	2018	13,498,169	Inputs!BH8
	2019	14,242,550	Inputs!BH9
	2020	14,637,479	Inputs!BH10
	2021	15,353,321	Inputs!BH11
	2022	15,493,804	Inputs!BH12
JEA Fuel Handling		1	Inputs!BI5
	2018	11,694,140	Inputs!BI8
	2019	11,500,000	Inputs!BI9
	2020	11,500,000	Inputs!BI10
	2021	11,500,000	Inputs!BI11
	2022	11,500,000	Inputs!BI12
Emission Allowances		1	Inputs!BJ5
	2018	0	Inputs!BJ8
	2019	0	Inputs!BJ9
	2020	0	Inputs!BJ10
	2021	0	Inputs!BJ11
	2022	0	Inputs!BJ12
TEA Equity		1	Inputs!BK5
	2018	(2,931,332)	Inputs!BK8
	2019	(610,463)	Inputs!BK9
	2020	(855,610)	Inputs!BK10
	2021	(1,566,520)	Inputs!BK11
	2022	(2,040,393)	Inputs!BK12

Account Write-Offs		1	Inputs!BL5
	2018	459,221	Inputs!BL8
	2019	604,003	Inputs!BL9
	2020	603,998	Inputs!BL10
	2021	603,998	Inputs!BL11
	2022	603,998	Inputs!BL12
Exempt Sales Adjustment		1	Inputs!BO5
	2018	5,807,250	Inputs!BO8
	2019	5,362,781	Inputs!BO9
	2020	5,324,387	Inputs!BO10
	2021	5,435,093	Inputs!BO11
	2022	5,370,302	Inputs!BO12
Net MWh Sales			
	2018	12,351,142	Inputs!BQ8
	2019	12,552,985	Inputs!BQ9
	2020	12,552,898	Inputs!BQ10
	2021	12,552,898	Inputs!BQ11
	2022	12,552,898	Inputs!BQ12

Debt Rate

10/1/2018	2.50%	'Rate Scales'!F8
10/1/2019	3.50%	'Rate Scales'!F9
10/1/2020	4.00%	'Rate Scales'!F10
10/1/2021	4.00%	'Rate Scales'!F11
10/1/2022	4.00%	'Rate Scales'!F12
10/1/2023	4.00%	'Rate Scales'!F13
10/1/2024	4.00%	'Rate Scales'!F14
10/1/2025	4.00%	'Rate Scales'!F15
10/1/2026	4.00%	'Rate Scales'!F16
10/1/2027	4.00%	'Rate Scales'!F17
10/1/2028	4.00%	'Rate Scales'!F18
10/1/2029	4.00%	'Rate Scales'!F19
10/1/2030	4.00%	'Rate Scales'!F20
10/1/2031	4.00%	'Rate Scales'!F21
10/1/2032	4.00%	'Rate Scales'!F22
10/1/2033	4.00%	'Rate Scales'!F23
10/1/2034	4.00%	'Rate Scales'!F24
10/1/2035	4.00%	'Rate Scales'!F25
10/1/2036	4.00%	'Rate Scales'!F26
10/1/2037	4.00%	'Rate Scales'!F27
10/1/2038	4.00%	'Rate Scales'!F28
10/1/2039	4.00%	'Rate Scales'!F29
10/1/2040	4.00%	'Rate Scales'!F30
10/1/2041	4.00%	'Rate Scales'!F31

	10/1/2042	4.00%	'Rate Scales'!F32
	10/1/2043	4.00%	'Rate Scales'!F33
	10/1/2044	4.00%	'Rate Scales'!F34
	10/1/2045	4.00%	'Rate Scales'!F35
	10/1/2046	4.00%	'Rate Scales'!F36
	10/1/2047	4.00%	'Rate Scales'!F37
Inv Rate			
	10/1/2018	1.00%	'Rate Scales'!G8
	10/1/2019	1.00%	'Rate Scales'!G9
	10/1/2020	2.00%	'Rate Scales'!G10
	10/1/2021	2.00%	'Rate Scales'!G11
	10/1/2022	3.00%	'Rate Scales'!G12
	10/1/2023	3.00%	'Rate Scales'!G13
	10/1/2024	3.00%	'Rate Scales'!G14
	10/1/2025	3.00%	'Rate Scales'!G15
	10/1/2026	3.00%	'Rate Scales'!G16
	10/1/2027	3.00%	'Rate Scales'!G17
	10/1/2028	3.00%	'Rate Scales'!G18
	10/1/2029	3.00%	'Rate Scales'!G19
	10/1/2030	3.00%	'Rate Scales'!G20
	10/1/2031	3.00%	'Rate Scales'!G21
	10/1/2032	3.00%	'Rate Scales'!G22
	10/1/2033	3.00%	'Rate Scales'!G23
	10/1/2034	3.00%	'Rate Scales'!G24
	10/1/2035	3.00%	'Rate Scales'!G25
	10/1/2036	3.00%	'Rate Scales'!G26
	10/1/2037	3.00%	'Rate Scales'!G27
	10/1/2038	3.00%	'Rate Scales'!G28
	10/1/2039	3.00%	'Rate Scales'!G29
	10/1/2040	3.00%	'Rate Scales'!G30
	10/1/2041	3.00%	'Rate Scales'!G31
	10/1/2042	3.00%	'Rate Scales'!G32
	10/1/2043	3.00%	'Rate Scales'!G33
	10/1/2044	3.00%	'Rate Scales'!G34
	10/1/2045	3.00%	'Rate Scales'!G35
	10/1/2046	3.00%	'Rate Scales'!G36
	10/1/2047	3.00%	'Rate Scales'!G37
Plant Orig Cost			
Northside 1		295,835,411	'Plant Inputs'!B5
Northside 2		305,186,388	'Plant Inputs'!B6
Northside 3		514,171,139	'Plant Inputs'!B7
Northside CT		0	'Plant Inputs'!B8
Kennedy CT		158,610,028	'Plant Inputs'!B9
SJRPP 1		789,849,000	'Plant Inputs'!B10
SJRPP 2		724,115,000	'Plant Inputs'!B11
Scherer		290,174,358	'Plant Inputs'!B12

Brandy Branch CT	307,296,999	'Plant Inputs'!B13
Brandy Branch CC	302,026,380	'Plant Inputs'!B14
Greenland Energy	233,769,940	'Plant Inputs'!B15
Plant Book Value		
Northside 1	140,763,919	'Plant Inputs'!C5
Northside 2	163,749,998	'Plant Inputs'!C6
Northside 3	123,324,495	'Plant Inputs'!C7
Northside CT	0	'Plant Inputs'!C8
Kennedy CT	96,553,624	'Plant Inputs'!C9
SJRPP 1	380,156,731	'Plant Inputs'!C10
SJRPP 2	316,950,962	'Plant Inputs'!C11
Scherer	142,886,012	'Plant Inputs'!C12
Brandy Branch CT	124,366,974	'Plant Inputs'!C13
Brandy Branch CC	101,178,564	'Plant Inputs'!C14
Greenland Energy	175,540,954	'Plant Inputs'!C15
Plant Acc Depre		
Northside 1	155,071,491	'Plant Inputs'!D5
Northside 2	141,436,390	'Plant Inputs'!D6
Northside 3	390,846,644	'Plant Inputs'!D7
Northside CT	0	'Plant Inputs'!D8
Kennedy CT	62,056,404	'Plant Inputs'!D9
SJRPP 1	409,692,269	'Plant Inputs'!D10
SJRPP 2	407,164,038	'Plant Inputs'!D11
Scherer	147,288,346	'Plant Inputs'!D12
Brandy Branch CT	182,930,025	'Plant Inputs'!D13
Brandy Branch CC	200,847,817	'Plant Inputs'!D14
Greenland Energy	58,228,986	'Plant Inputs'!D15
Plant Disposition Value		
Northside 1	327,500,000	'Plant Inputs'!E5
Northside 2	327,500,000	'Plant Inputs'!E6
Northside 3	0	'Plant Inputs'!E7
Northside CT	146,000,000	'Plant Inputs'!E8
Kennedy CT	114,000,000	'Plant Inputs'!E9
SJRPP 1	417,000,000	'Plant Inputs'!E10
SJRPP 2	417,000,000	'Plant Inputs'!E11
Scherer	163,000,000	'Plant Inputs'!E12
Brandy Branch CT	206,000,000	'Plant Inputs'!E13
Brandy Branch CC	244,000,000	'Plant Inputs'!E14
Greenland Energy	168,000,000	'Plant Inputs'!E15
Non-Outage Non Routine		
2018	3,775,000	'Plant Inputs'!H5
2019	3,250,000	'Plant Inputs'!H6
2020	3,500,000	'Plant Inputs'!H7
2021	3,250,000	'Plant Inputs'!H8
2022	3,200,000	'Plant Inputs'!H9
2023	3,475,000	'Plant Inputs'!H10

	2024	3,600,000	'Plant Inputs'!H11
	2025	3,000,000	'Plant Inputs'!H12
	2026	3,000,000	'Plant Inputs'!H13
	2027	4,350,000	'Plant Inputs'!H14
	2028	4,350,000	'Plant Inputs'!H15
	2029	4,350,000	'Plant Inputs'!H16
	2030	4,350,000	'Plant Inputs'!H17
	2031	4,350,000	'Plant Inputs'!H18
	2032	4,350,000	'Plant Inputs'!H19
	2033	4,350,000	'Plant Inputs'!H20
	2034	4,350,000	'Plant Inputs'!H21
	2035	4,350,000	'Plant Inputs'!H22
	2036	4,350,000	'Plant Inputs'!H23
	2037	4,350,000	'Plant Inputs'!H24
	2038	4,350,000	'Plant Inputs'!H25
	2039	4,350,000	'Plant Inputs'!H26
	2040	4,350,000	'Plant Inputs'!H27
	2041	4,350,000	'Plant Inputs'!H28
	2042	4,350,000	'Plant Inputs'!H29
	2043	4,350,000	'Plant Inputs'!H30
	2044	4,350,000	'Plant Inputs'!H31
	2045	4,350,000	'Plant Inputs'!H32
	2046	4,350,000	'Plant Inputs'!H33
	2047	4,350,000	'Plant Inputs'!H34
Outage O&M			
	2018	9,260,092	'Plant Inputs'!I5
	2019	13,435,479	'Plant Inputs'!I6
	2020	4,497,168	'Plant Inputs'!I7
	2021	3,298,393	'Plant Inputs'!I8
	2022	9,521,462	'Plant Inputs'!I9
	2023	9,715,098	'Plant Inputs'!I10
	2024	8,125,060	'Plant Inputs'!I11
	2025	6,847,381	'Plant Inputs'!I12
	2026	3,945,195	'Plant Inputs'!I13
	2027	4,215,564	'Plant Inputs'!I14
	2028	7,286,089	'Plant Inputs'!I15
	2029	7,088,689	'Plant Inputs'!I16
	2030	6,454,010	'Plant Inputs'!I17
	2031	6,649,694	'Plant Inputs'!I18
	2032	6,984,824	'Plant Inputs'!I19
	2033	6,731,160	'Plant Inputs'!I20
	2034	6,432,767	'Plant Inputs'!I21
	2035	6,263,537	'Plant Inputs'!I22
	2036	6,205,153	'Plant Inputs'!I23
	2037	6,431,149	'Plant Inputs'!I24
	2038	6,652,707	'Plant Inputs'!I25

	2039	6,589,369	'Plant Inputs'!I26
	2040	6,539,437	'Plant Inputs'!I27
	2041	6,547,980	'Plant Inputs'!I28
	2042	6,537,808	'Plant Inputs'!I29
	2043	6,493,107	'Plant Inputs'!I30
	2044	6,469,301	'Plant Inputs'!I31
	2045	6,472,955	'Plant Inputs'!I32
	2046	6,493,897	'Plant Inputs'!I33
	2047	6,522,771	'Plant Inputs'!I34
Northside 1 O&M			
	2018	19,815	'Plant Inputs'!M5
	2019	20,418	'Plant Inputs'!M6
	2020	21,096	'Plant Inputs'!M7
	2021	21,441	'Plant Inputs'!M8
	2022	21,744	'Plant Inputs'!M9
	2023	22,438	'Plant Inputs'!M10
	2024	23,290	'Plant Inputs'!M11
	2025	23,835	'Plant Inputs'!M12
	2026	24,434	'Plant Inputs'!M13
	2027	22,057	'Plant Inputs'!M14
	2028	22,306	'Plant Inputs'!M15
	2029	22,516	'Plant Inputs'!M16
	2030	22,673	'Plant Inputs'!M17
	2031	22,810	'Plant Inputs'!M18
	2032	22,929	'Plant Inputs'!M19
	2033	22,983	'Plant Inputs'!M20
	2034	22,949	'Plant Inputs'!M21
	2035	22,851	'Plant Inputs'!M22
	2036	22,675	'Plant Inputs'!M23
	2037	22,744	'Plant Inputs'!M24
	2038	22,792	'Plant Inputs'!M25
	2039	22,823	'Plant Inputs'!M26
	2040	22,840	'Plant Inputs'!M27
	2041	22,843	'Plant Inputs'!M28
	2042	22,833	'Plant Inputs'!M29
	2043	22,817	'Plant Inputs'!M30
	2044	22,802	'Plant Inputs'!M31
	2045	22,796	'Plant Inputs'!M32
	2046	22,810	'Plant Inputs'!M33
	2047	0	'Plant Inputs'!M34
Northside 2 O&M			
	2018	19,783	'Plant Inputs'!N5
	2019	20,492	'Plant Inputs'!N6
	2020	21,161	'Plant Inputs'!N7
	2021	21,460	'Plant Inputs'!N8
	2022	22,023	'Plant Inputs'!N9

	2023	22,514	'Plant Inputs'!N10
	2024	23,270	'Plant Inputs'!N11
	2025	23,816	'Plant Inputs'!N12
	2026	24,446	'Plant Inputs'!N13
	2027	22,107	'Plant Inputs'!N14
	2028	22,365	'Plant Inputs'!N15
	2029	22,574	'Plant Inputs'!N16
	2030	22,731	'Plant Inputs'!N17
	2031	22,872	'Plant Inputs'!N18
	2032	22,966	'Plant Inputs'!N19
	2033	23,016	'Plant Inputs'!N20
	2034	22,988	'Plant Inputs'!N21
	2035	22,896	'Plant Inputs'!N22
	2036	22,724	'Plant Inputs'!N23
	2037	22,792	'Plant Inputs'!N24
	2038	22,840	'Plant Inputs'!N25
	2039	22,869	'Plant Inputs'!N26
	2040	22,885	'Plant Inputs'!N27
	2041	22,886	'Plant Inputs'!N28
	2042	22,878	'Plant Inputs'!N29
	2043	22,862	'Plant Inputs'!N30
	2044	22,848	'Plant Inputs'!N31
	2045	22,843	'Plant Inputs'!N32
	2046	22,856	'Plant Inputs'!N33
	2047	0	'Plant Inputs'!N34
Northside 3 O&M			
	2018	11,021	'Plant Inputs'!O5
	2019	11,244	'Plant Inputs'!O6
	2020	11,641	'Plant Inputs'!O7
	2021	11,820	'Plant Inputs'!O8
	2022	12,283	'Plant Inputs'!O9
	2023	12,510	'Plant Inputs'!O10
	2024	12,934	'Plant Inputs'!O11
	2025	13,129	'Plant Inputs'!O12
	2026	13,472	'Plant Inputs'!O13
	2027	12,228	'Plant Inputs'!O14
	2028	12,362	'Plant Inputs'!O15
	2029	12,487	'Plant Inputs'!O16
	2030	12,581	'Plant Inputs'!O17
	2031	12,665	'Plant Inputs'!O18
	2032	12,708	'Plant Inputs'!O19
	2033	12,729	'Plant Inputs'!O20
	2034	12,707	'Plant Inputs'!O21
	2035	12,660	'Plant Inputs'!O22
	2036	12,570	'Plant Inputs'!O23
	2037	12,608	'Plant Inputs'!O24

	2038	12,635	'Plant Inputs'!O25
	2039	12,651	'Plant Inputs'!O26
	2040	12,659	'Plant Inputs'!O27
	2041	12,658	'Plant Inputs'!O28
	2042	12,653	'Plant Inputs'!O29
	2043	12,644	'Plant Inputs'!O30
	2044	12,638	'Plant Inputs'!O31
	2045	12,635	'Plant Inputs'!O32
	2046	12,642	'Plant Inputs'!O33
	2047	0	'Plant Inputs'!O34
Northside CT O&M			
	2018	1,248	'Plant Inputs'!P5
	2019	1,280	'Plant Inputs'!P6
	2020	1,315	'Plant Inputs'!P7
	2021	1,344	'Plant Inputs'!P8
	2022	1,378	'Plant Inputs'!P9
	2023	1,412	'Plant Inputs'!P10
	2024	1,452	'Plant Inputs'!P11
	2025	1,484	'Plant Inputs'!P12
	2026	1,521	'Plant Inputs'!P13
	2027	1,382	'Plant Inputs'!P14
	2028	1,396	'Plant Inputs'!P15
	2029	1,409	'Plant Inputs'!P16
	2030	1,420	'Plant Inputs'!P17
	2031	1,428	'Plant Inputs'!P18
	2032	1,434	'Plant Inputs'!P19
	2033	1,436	'Plant Inputs'!P20
	2034	1,434	'Plant Inputs'!P21
	2035	1,429	'Plant Inputs'!P22
	2036	1,419	'Plant Inputs'!P23
	2037	1,423	'Plant Inputs'!P24
	2038	1,426	'Plant Inputs'!P25
	2039	1,428	'Plant Inputs'!P26
	2040	1,429	'Plant Inputs'!P27
	2041	1,429	'Plant Inputs'!P28
	2042	1,428	'Plant Inputs'!P29
	2043	1,427	'Plant Inputs'!P30
	2044	1,426	'Plant Inputs'!P31
	2045	1,426	'Plant Inputs'!P32
	2046	1,427	'Plant Inputs'!P33
	2047	1,427	'Plant Inputs'!P34
Kennedy CT O&M			
	2018	8,248	'Plant Inputs'!Q5
	2019	8,291	'Plant Inputs'!Q6
	2020	8,243	'Plant Inputs'!Q7
	2021	8,844	'Plant Inputs'!Q8

	2022	10,767	'Plant Inputs'!Q9
	2023	11,169	'Plant Inputs'!Q10
	2024	10,190	'Plant Inputs'!Q11
	2025	12,723	'Plant Inputs'!Q12
	2026	10,147	'Plant Inputs'!Q13
	2027	9,847	'Plant Inputs'!Q14
	2028	10,025	'Plant Inputs'!Q15
	2029	10,217	'Plant Inputs'!Q16
	2030	10,437	'Plant Inputs'!Q17
	2031	10,613	'Plant Inputs'!Q18
	2032	10,596	'Plant Inputs'!Q19
	2033	10,533	'Plant Inputs'!Q20
	2034	10,571	'Plant Inputs'!Q21
	2035	10,332	'Plant Inputs'!Q22
	2036	10,352	'Plant Inputs'!Q23
	2037	10,408	'Plant Inputs'!Q24
	2038	10,451	'Plant Inputs'!Q25
	2039	10,477	'Plant Inputs'!Q26
	2040	10,482	'Plant Inputs'!Q27
	2041	10,467	'Plant Inputs'!Q28
	2042	10,453	'Plant Inputs'!Q29
	2043	10,444	'Plant Inputs'!Q30
	2044	10,429	'Plant Inputs'!Q31
	2045	10,440	'Plant Inputs'!Q32
	2046	10,450	'Plant Inputs'!Q33
	2047	10,455	'Plant Inputs'!Q34
SJRPP 1 O&M			
	2018	3,125	'Plant Inputs'!R5
	2019	0	'Plant Inputs'!R6
	2020	0	'Plant Inputs'!R7
	2021	0	'Plant Inputs'!R8
	2022	0	'Plant Inputs'!R9
	2023	0	'Plant Inputs'!R10
	2024	0	'Plant Inputs'!R11
	2025	0	'Plant Inputs'!R12
	2026	0	'Plant Inputs'!R13
	2027	0	'Plant Inputs'!R14
	2028	0	'Plant Inputs'!R15
	2029	0	'Plant Inputs'!R16
	2030	0	'Plant Inputs'!R17
	2031	0	'Plant Inputs'!R18
	2032	0	'Plant Inputs'!R19
	2033	0	'Plant Inputs'!R20
	2034	0	'Plant Inputs'!R21
	2035	0	'Plant Inputs'!R22
	2036	0	'Plant Inputs'!R23

	2037	0	'Plant Inputs'!R24
	2038	0	'Plant Inputs'!R25
	2039	0	'Plant Inputs'!R26
	2040	0	'Plant Inputs'!R27
	2041	0	'Plant Inputs'!R28
	2042	0	'Plant Inputs'!R29
	2043	0	'Plant Inputs'!R30
	2044	0	'Plant Inputs'!R31
	2045	0	'Plant Inputs'!R32
	2046	0	'Plant Inputs'!R33
	2047	0	'Plant Inputs'!R34
SJRPP 2 O&M			
	2018	3,125	'Plant Inputs'!S5
	2019	0	'Plant Inputs'!S6
	2020	0	'Plant Inputs'!S7
	2021	0	'Plant Inputs'!S8
	2022	0	'Plant Inputs'!S9
	2023	0	'Plant Inputs'!S10
	2024	0	'Plant Inputs'!S11
	2025	0	'Plant Inputs'!S12
	2026	0	'Plant Inputs'!S13
	2027	0	'Plant Inputs'!S14
	2028	0	'Plant Inputs'!S15
	2029	0	'Plant Inputs'!S16
	2030	0	'Plant Inputs'!S17
	2031	0	'Plant Inputs'!S18
	2032	0	'Plant Inputs'!S19
	2033	0	'Plant Inputs'!S20
	2034	0	'Plant Inputs'!S21
	2035	0	'Plant Inputs'!S22
	2036	0	'Plant Inputs'!S23
	2037	0	'Plant Inputs'!S24
	2038	0	'Plant Inputs'!S25
	2039	0	'Plant Inputs'!S26
	2040	0	'Plant Inputs'!S27
	2041	0	'Plant Inputs'!S28
	2042	0	'Plant Inputs'!S29
	2043	0	'Plant Inputs'!S30
	2044	0	'Plant Inputs'!S31
	2045	0	'Plant Inputs'!S32
	2046	0	'Plant Inputs'!S33
	2047	0	'Plant Inputs'!S34
Scherer O&M			
	2018	11,943	'Plant Inputs'!T5
	2019	8,231	'Plant Inputs'!T6
	2020	12,666	'Plant Inputs'!T7

2021	8,700	'Plant Inputs'!T8
2022	13,455	'Plant Inputs'!T9
2023	11,943	'Plant Inputs'!T10
2024	8,231	'Plant Inputs'!T11
2025	12,666	'Plant Inputs'!T12
2026	8,700	'Plant Inputs'!T13
2027	13,455	'Plant Inputs'!T14
2028	11,943	'Plant Inputs'!T15
2029	8,231	'Plant Inputs'!T16
2030	12,666	'Plant Inputs'!T17
2031	8,700	'Plant Inputs'!T18
2032	13,455	'Plant Inputs'!T19
2033	11,943	'Plant Inputs'!T20
2034	8,231	'Plant Inputs'!T21
2035	12,666	'Plant Inputs'!T22
2036	8,700	'Plant Inputs'!T23
2037	13,455	'Plant Inputs'!T24
2038	11,943	'Plant Inputs'!T25
2039	8,231	'Plant Inputs'!T26
2040	12,666	'Plant Inputs'!T27
2041	8,700	'Plant Inputs'!T28
2042	13,455	'Plant Inputs'!T29
2043	11,943	'Plant Inputs'!T30
2044	8,231	'Plant Inputs'!T31
2045	12,666	'Plant Inputs'!T32
2046	8,700	'Plant Inputs'!T33
2047	13,455	'Plant Inputs'!T34
Brandy Branch CT O&M		
2018	2,978	'Plant Inputs'!U5
2019	3,014	'Plant Inputs'!U6
2020	2,691	'Plant Inputs'!U7
2021	3,324	'Plant Inputs'!U8
2022	3,916	'Plant Inputs'!U9
2023	4,096	'Plant Inputs'!U10
2024	3,994	'Plant Inputs'!U11
2025	4,741	'Plant Inputs'!U12
2026	3,593	'Plant Inputs'!U13
2027	3,594	'Plant Inputs'!U14
2028	3,663	'Plant Inputs'!U15
2029	3,735	'Plant Inputs'!U16
2030	3,851	'Plant Inputs'!U17
2031	3,909	'Plant Inputs'!U18
2032	3,908	'Plant Inputs'!U19
2033	3,887	'Plant Inputs'!U20
2034	3,876	'Plant Inputs'!U21
2035	3,779	'Plant Inputs'!U22

2036	3,800	'Plant Inputs'!U23
2037	3,823	'Plant Inputs'!U24
2038	3,841	'Plant Inputs'!U25
2039	3,853	'Plant Inputs'!U26
2040	3,853	'Plant Inputs'!U27
2041	3,847	'Plant Inputs'!U28
2042	3,840	'Plant Inputs'!U29
2043	3,835	'Plant Inputs'!U30
2044	3,830	'Plant Inputs'!U31
2045	3,836	'Plant Inputs'!U32
2046	3,840	'Plant Inputs'!U33
2047	3,842	'Plant Inputs'!U34
Brandy Branch CC O&M		
2018	25,795	'Plant Inputs'!V5
2019	24,899	'Plant Inputs'!V6
2020	27,280	'Plant Inputs'!V7
2021	27,708	'Plant Inputs'!V8
2022	27,088	'Plant Inputs'!V9
2023	29,745	'Plant Inputs'!V10
2024	30,358	'Plant Inputs'!V11
2025	30,114	'Plant Inputs'!V12
2026	31,563	'Plant Inputs'!V13
2027	28,283	'Plant Inputs'!V14
2028	28,560	'Plant Inputs'!V15
2029	28,967	'Plant Inputs'!V16
2030	29,154	'Plant Inputs'!V17
2031	29,315	'Plant Inputs'!V18
2032	29,562	'Plant Inputs'!V19
2033	29,542	'Plant Inputs'!V20
2034	29,451	'Plant Inputs'!V21
2035	29,377	'Plant Inputs'!V22
2036	29,134	'Plant Inputs'!V23
2037	29,229	'Plant Inputs'!V24
2038	29,303	'Plant Inputs'!V25
2039	29,341	'Plant Inputs'!V26
2040	29,362	'Plant Inputs'!V27
2041	29,367	'Plant Inputs'!V28
2042	29,345	'Plant Inputs'!V29
2043	29,323	'Plant Inputs'!V30
2044	29,309	'Plant Inputs'!V31
2045	29,302	'Plant Inputs'!V32
2046	29,320	'Plant Inputs'!V33
2047	29,330	'Plant Inputs'!V34
Greenland Energy O&M		
2018	4,174	'Plant Inputs'!W5
2019	4,179	'Plant Inputs'!W6

	2020	4,167	'Plant Inputs'!W7
	2021	4,617	'Plant Inputs'!W8
	2022	5,500	'Plant Inputs'!W9
	2023	5,564	'Plant Inputs'!W10
	2024	5,976	'Plant Inputs'!W11
	2025	5,938	'Plant Inputs'!W12
	2026	5,257	'Plant Inputs'!W13
	2027	5,041	'Plant Inputs'!W14
	2028	5,138	'Plant Inputs'!W15
	2029	5,244	'Plant Inputs'!W16
	2030	5,364	'Plant Inputs'!W17
	2031	5,447	'Plant Inputs'!W18
	2032	5,441	'Plant Inputs'!W19
	2033	5,427	'Plant Inputs'!W20
	2034	5,366	'Plant Inputs'!W21
	2035	5,303	'Plant Inputs'!W22
	2036	5,308	'Plant Inputs'!W23
	2037	5,338	'Plant Inputs'!W24
	2038	5,360	'Plant Inputs'!W25
	2039	5,373	'Plant Inputs'!W26
	2040	5,374	'Plant Inputs'!W27
	2041	5,365	'Plant Inputs'!W28
	2042	5,357	'Plant Inputs'!W29
	2043	5,349	'Plant Inputs'!W30
	2044	5,347	'Plant Inputs'!W31
	2045	5,352	'Plant Inputs'!W32
	2046	5,357	'Plant Inputs'!W33
	2047	0	'Plant Inputs'!W34
GEC Conversion O&M			
	2018	0	'Plant Inputs'!X5
	2019	0	'Plant Inputs'!X6
	2020	0	'Plant Inputs'!X7
	2021	0	'Plant Inputs'!X8
	2022	0	'Plant Inputs'!X9
	2023	0	'Plant Inputs'!X10
	2024	0	'Plant Inputs'!X11
	2025	0	'Plant Inputs'!X12
	2026	0	'Plant Inputs'!X13
	2027	0	'Plant Inputs'!X14
	2028	0	'Plant Inputs'!X15
	2029	0	'Plant Inputs'!X16
	2030	0	'Plant Inputs'!X17
	2031	0	'Plant Inputs'!X18
	2032	0	'Plant Inputs'!X19
	2033	5,901	'Plant Inputs'!X20
	2034	13,573	'Plant Inputs'!X21

	2035	13,489	'Plant Inputs'!X22
	2036	13,759	'Plant Inputs'!X23
	2037	14,747	'Plant Inputs'!X24
	2038	15,843	'Plant Inputs'!X25
	2039	15,050	'Plant Inputs'!X26
	2040	16,325	'Plant Inputs'!X27
	2041	15,641	'Plant Inputs'!X28
	2042	14,700	'Plant Inputs'!X29
	2043	14,675	'Plant Inputs'!X30
	2044	16,025	'Plant Inputs'!X31
	2045	14,295	'Plant Inputs'!X32
	2046	14,283	'Plant Inputs'!X33
	2047	14,283	'Plant Inputs'!X34
New Plant 1 O&M			
	2018	0	'Plant Inputs'!Y5
	2019	0	'Plant Inputs'!Y6
	2020	0	'Plant Inputs'!Y7
	2021	0	'Plant Inputs'!Y8
	2022	0	'Plant Inputs'!Y9
	2023	0	'Plant Inputs'!Y10
	2024	0	'Plant Inputs'!Y11
	2025	0	'Plant Inputs'!Y12
	2026	0	'Plant Inputs'!Y13
	2027	0	'Plant Inputs'!Y14
	2028	0	'Plant Inputs'!Y15
	2029	0	'Plant Inputs'!Y16
	2030	0	'Plant Inputs'!Y17
	2031	18,578	'Plant Inputs'!Y18
	2032	22,493	'Plant Inputs'!Y19
	2033	25,832	'Plant Inputs'!Y20
	2034	26,770	'Plant Inputs'!Y21
	2035	27,465	'Plant Inputs'!Y22
	2036	28,225	'Plant Inputs'!Y23
	2037	29,425	'Plant Inputs'!Y24
	2038	30,560	'Plant Inputs'!Y25
	2039	31,672	'Plant Inputs'!Y26
	2040	31,777	'Plant Inputs'!Y27
	2041	32,973	'Plant Inputs'!Y28
	2042	35,123	'Plant Inputs'!Y29
	2043	37,967	'Plant Inputs'!Y30
	2044	38,897	'Plant Inputs'!Y31
	2045	42,322	'Plant Inputs'!Y32
	2046	43,775	'Plant Inputs'!Y33
	2047	43,775	'Plant Inputs'!Y34
New Plant 2 O&M			
	2018	0	'Plant Inputs'!Z5

	2019	0	'Plant Inputs'!Z6
	2020	0	'Plant Inputs'!Z7
	2021	0	'Plant Inputs'!Z8
	2022	0	'Plant Inputs'!Z9
	2023	0	'Plant Inputs'!Z10
	2024	0	'Plant Inputs'!Z11
	2025	0	'Plant Inputs'!Z12
	2026	0	'Plant Inputs'!Z13
	2027	0	'Plant Inputs'!Z14
	2028	0	'Plant Inputs'!Z15
	2029	0	'Plant Inputs'!Z16
	2030	0	'Plant Inputs'!Z17
	2031	15,152	'Plant Inputs'!Z18
	2032	18,741	'Plant Inputs'!Z19
	2033	20,913	'Plant Inputs'!Z20
	2034	21,591	'Plant Inputs'!Z21
	2035	22,596	'Plant Inputs'!Z22
	2036	23,156	'Plant Inputs'!Z23
	2037	23,964	'Plant Inputs'!Z24
	2038	25,898	'Plant Inputs'!Z25
	2039	26,334	'Plant Inputs'!Z26
	2040	26,283	'Plant Inputs'!Z27
	2041	27,767	'Plant Inputs'!Z28
	2042	30,002	'Plant Inputs'!Z29
	2043	32,023	'Plant Inputs'!Z30
	2044	33,293	'Plant Inputs'!Z31
	2045	41,225	'Plant Inputs'!Z32
	2046	43,615	'Plant Inputs'!Z33
	2047	43,615	'Plant Inputs'!Z34
New Plant 3 O&M			
	2018	0	'Plant Inputs'!AA5
	2019	0	'Plant Inputs'!AA6
	2020	0	'Plant Inputs'!AA7
	2021	0	'Plant Inputs'!AA8
	2022	0	'Plant Inputs'!AA9
	2023	0	'Plant Inputs'!AA10
	2024	0	'Plant Inputs'!AA11
	2025	0	'Plant Inputs'!AA12
	2026	0	'Plant Inputs'!AA13
	2027	0	'Plant Inputs'!AA14
	2028	0	'Plant Inputs'!AA15
	2029	0	'Plant Inputs'!AA16
	2030	0	'Plant Inputs'!AA17
	2031	0	'Plant Inputs'!AA18
	2032	0	'Plant Inputs'!AA19
	2033	0	'Plant Inputs'!AA20

	2034	0	'Plant Inputs'!AA21
	2035	0	'Plant Inputs'!AA22
	2036	0	'Plant Inputs'!AA23
	2037	0	'Plant Inputs'!AA24
	2038	0	'Plant Inputs'!AA25
	2039	0	'Plant Inputs'!AA26
	2040	0	'Plant Inputs'!AA27
	2041	9,527	'Plant Inputs'!AA28
	2042	24,443	'Plant Inputs'!AA29
	2043	26,006	'Plant Inputs'!AA30
	2044	27,141	'Plant Inputs'!AA31
	2045	35,382	'Plant Inputs'!AA32
	2046	37,572	'Plant Inputs'!AA33
	2047	37,572	'Plant Inputs'!AA34
New Plant 4 O&M			
	2018	0	'Plant Inputs'!AB5
	2019	0	'Plant Inputs'!AB6
	2020	0	'Plant Inputs'!AB7
	2021	0	'Plant Inputs'!AB8
	2022	0	'Plant Inputs'!AB9
	2023	0	'Plant Inputs'!AB10
	2024	0	'Plant Inputs'!AB11
	2025	0	'Plant Inputs'!AB12
	2026	0	'Plant Inputs'!AB13
	2027	0	'Plant Inputs'!AB14
	2028	0	'Plant Inputs'!AB15
	2029	0	'Plant Inputs'!AB16
	2030	0	'Plant Inputs'!AB17
	2031	0	'Plant Inputs'!AB18
	2032	0	'Plant Inputs'!AB19
	2033	0	'Plant Inputs'!AB20
	2034	0	'Plant Inputs'!AB21
	2035	0	'Plant Inputs'!AB22
	2036	0	'Plant Inputs'!AB23
	2037	0	'Plant Inputs'!AB24
	2038	0	'Plant Inputs'!AB25
	2039	0	'Plant Inputs'!AB26
	2040	0	'Plant Inputs'!AB27
	2041	0	'Plant Inputs'!AB28
	2042	0	'Plant Inputs'!AB29
	2043	0	'Plant Inputs'!AB30
	2044	0	'Plant Inputs'!AB31
	2045	25,208	'Plant Inputs'!AB32
	2046	30,557	'Plant Inputs'!AB33
	2047	30,557	'Plant Inputs'!AB34
New Plant 5 O&M			

2018	0	'Plant Inputs'!AC5
2019	0	'Plant Inputs'!AC6
2020	0	'Plant Inputs'!AC7
2021	0	'Plant Inputs'!AC8
2022	0	'Plant Inputs'!AC9
2023	0	'Plant Inputs'!AC10
2024	0	'Plant Inputs'!AC11
2025	0	'Plant Inputs'!AC12
2026	0	'Plant Inputs'!AC13
2027	0	'Plant Inputs'!AC14
2028	0	'Plant Inputs'!AC15
2029	0	'Plant Inputs'!AC16
2030	0	'Plant Inputs'!AC17
2031	0	'Plant Inputs'!AC18
2032	0	'Plant Inputs'!AC19
2033	0	'Plant Inputs'!AC20
2034	0	'Plant Inputs'!AC21
2035	0	'Plant Inputs'!AC22
2036	0	'Plant Inputs'!AC23
2037	0	'Plant Inputs'!AC24
2038	0	'Plant Inputs'!AC25
2039	0	'Plant Inputs'!AC26
2040	0	'Plant Inputs'!AC27
2041	0	'Plant Inputs'!AC28
2042	0	'Plant Inputs'!AC29
2043	0	'Plant Inputs'!AC30
2044	0	'Plant Inputs'!AC31
2045	20,850	'Plant Inputs'!AC32
2046	24,977	'Plant Inputs'!AC33
2047	24,977	'Plant Inputs'!AC34

Northside 1 Depreciation

2018	12,106,816	'Plant Inputs'!AF5
2019	12,106,816	'Plant Inputs'!AF6
2020	12,106,816	'Plant Inputs'!AF7
2021	12,747,920	'Plant Inputs'!AF8
2022	12,747,920	'Plant Inputs'!AF9
2023	12,747,920	'Plant Inputs'!AF10
2024	12,747,920	'Plant Inputs'!AF11
2025	12,747,920	'Plant Inputs'!AF12
2026	7,310,251	'Plant Inputs'!AF13
2027	7,310,251	'Plant Inputs'!AF14
2028	7,310,251	'Plant Inputs'!AF15
2029	7,310,251	'Plant Inputs'!AF16
2030	7,310,251	'Plant Inputs'!AF17
2031	413,886	'Plant Inputs'!AF18
2032	413,886	'Plant Inputs'!AF19

2033	413,886	'Plant Inputs'!AF20
2034	413,886	'Plant Inputs'!AF21
2035	413,886	'Plant Inputs'!AF22
2036	413,886	'Plant Inputs'!AF23
2037	413,886	'Plant Inputs'!AF24
2038	413,886	'Plant Inputs'!AF25
2039	413,886	'Plant Inputs'!AF26
2040	413,886	'Plant Inputs'!AF27
2041	1,497	'Plant Inputs'!AF28
2042	1,497	'Plant Inputs'!AF29
2043	1,497	'Plant Inputs'!AF30
2044	1,497	'Plant Inputs'!AF31
2045	1,497	'Plant Inputs'!AF32
2046	1,497	'Plant Inputs'!AF33
2047	1,497	'Plant Inputs'!AF34

Northside 2 Depreciation

2018	13,723,490	'Plant Inputs'!AG5
2019	13,723,490	'Plant Inputs'!AG6
2020	13,723,490	'Plant Inputs'!AG7
2021	14,265,461	'Plant Inputs'!AG8
2022	14,265,461	'Plant Inputs'!AG9
2023	14,265,461	'Plant Inputs'!AG10
2024	14,265,461	'Plant Inputs'!AG11
2025	14,265,461	'Plant Inputs'!AG12
2026	8,134,876	'Plant Inputs'!AG13
2027	8,134,876	'Plant Inputs'!AG14
2028	8,134,876	'Plant Inputs'!AG15
2029	8,134,876	'Plant Inputs'!AG16
2030	8,134,876	'Plant Inputs'!AG17
2031	1,029,117	'Plant Inputs'!AG18
2032	1,029,117	'Plant Inputs'!AG19
2033	1,029,117	'Plant Inputs'!AG20
2034	1,029,117	'Plant Inputs'!AG21
2035	1,029,117	'Plant Inputs'!AG22
2036	1,029,117	'Plant Inputs'!AG23
2037	1,029,117	'Plant Inputs'!AG24
2038	1,029,117	'Plant Inputs'!AG25
2039	1,029,117	'Plant Inputs'!AG26
2040	1,029,117	'Plant Inputs'!AG27
2041	31,819	'Plant Inputs'!AG28
2042	31,819	'Plant Inputs'!AG29
2043	31,819	'Plant Inputs'!AG30
2044	31,819	'Plant Inputs'!AG31
2045	31,819	'Plant Inputs'!AG32
2046	31,819	'Plant Inputs'!AG33
2047	31,819	'Plant Inputs'!AG34

Northside 3 Depreciation

2018	12,351,817	'Plant Inputs'!AH5
2019	12,351,817	'Plant Inputs'!AH6
2020	12,351,817	'Plant Inputs'!AH7
2021	7,943,723	'Plant Inputs'!AH8
2022	7,943,723	'Plant Inputs'!AH9
2023	7,943,723	'Plant Inputs'!AH10
2024	7,943,723	'Plant Inputs'!AH11
2025	7,943,723	'Plant Inputs'!AH12
2026	6,826,861	'Plant Inputs'!AH13
2027	6,826,861	'Plant Inputs'!AH14
2028	6,826,861	'Plant Inputs'!AH15
2029	6,826,861	'Plant Inputs'!AH16
2030	6,826,861	'Plant Inputs'!AH17
2031	1,241,612	'Plant Inputs'!AH18
2032	1,241,612	'Plant Inputs'!AH19
2033	1,241,612	'Plant Inputs'!AH20
2034	1,241,612	'Plant Inputs'!AH21
2035	1,241,612	'Plant Inputs'!AH22
2036	1,241,612	'Plant Inputs'!AH23
2037	1,241,612	'Plant Inputs'!AH24
2038	1,241,612	'Plant Inputs'!AH25
2039	1,241,612	'Plant Inputs'!AH26
2040	1,241,612	'Plant Inputs'!AH27
2041	0	'Plant Inputs'!AH28
2042	0	'Plant Inputs'!AH29
2043	0	'Plant Inputs'!AH30
2044	0	'Plant Inputs'!AH31
2045	0	'Plant Inputs'!AH32
2046	0	'Plant Inputs'!AH33
2047	0	'Plant Inputs'!AH34

Northside CT Depreciation

2018	0	'Plant Inputs'!AI5
2019	0	'Plant Inputs'!AI6
2020	0	'Plant Inputs'!AI7
2021	0	'Plant Inputs'!AI8
2022	0	'Plant Inputs'!AI9
2023	0	'Plant Inputs'!AI10
2024	0	'Plant Inputs'!AI11
2025	0	'Plant Inputs'!AI12
2026	0	'Plant Inputs'!AI13
2027	0	'Plant Inputs'!AI14
2028	0	'Plant Inputs'!AI15
2029	0	'Plant Inputs'!AI16
2030	0	'Plant Inputs'!AI17
2031	0	'Plant Inputs'!AI18

2032	0	'Plant Inputs'!AI19
2033	0	'Plant Inputs'!AI20
2034	0	'Plant Inputs'!AI21
2035	0	'Plant Inputs'!AI22
2036	0	'Plant Inputs'!AI23
2037	0	'Plant Inputs'!AI24
2038	0	'Plant Inputs'!AI25
2039	0	'Plant Inputs'!AI26
2040	0	'Plant Inputs'!AI27
2041	0	'Plant Inputs'!AI28
2042	0	'Plant Inputs'!AI29
2043	0	'Plant Inputs'!AI30
2044	0	'Plant Inputs'!AI31
2045	0	'Plant Inputs'!AI32
2046	0	'Plant Inputs'!AI33
2047	0	'Plant Inputs'!AI34

Kennedy CT Depreciation

2018	7,130,075	'Plant Inputs'!AJ5
2019	7,130,075	'Plant Inputs'!AJ6
2020	7,130,075	'Plant Inputs'!AJ7
2021	7,274,180	'Plant Inputs'!AJ8
2022	7,274,180	'Plant Inputs'!AJ9
2023	7,274,180	'Plant Inputs'!AJ10
2024	7,274,180	'Plant Inputs'!AJ11
2025	7,274,180	'Plant Inputs'!AJ12
2026	6,001,298	'Plant Inputs'!AJ13
2027	6,001,298	'Plant Inputs'!AJ14
2028	6,001,298	'Plant Inputs'!AJ15
2029	6,001,298	'Plant Inputs'!AJ16
2030	6,001,298	'Plant Inputs'!AJ17
2031	764,881	'Plant Inputs'!AJ18
2032	764,881	'Plant Inputs'!AJ19
2033	764,881	'Plant Inputs'!AJ20
2034	764,881	'Plant Inputs'!AJ21
2035	764,881	'Plant Inputs'!AJ22
2036	764,881	'Plant Inputs'!AJ23
2037	764,881	'Plant Inputs'!AJ24
2038	764,881	'Plant Inputs'!AJ25
2039	764,881	'Plant Inputs'!AJ26
2040	764,881	'Plant Inputs'!AJ27
2041	126,355	'Plant Inputs'!AJ28
2042	126,355	'Plant Inputs'!AJ29
2043	126,355	'Plant Inputs'!AJ30
2044	126,355	'Plant Inputs'!AJ31
2045	126,355	'Plant Inputs'!AJ32
2046	126,355	'Plant Inputs'!AJ33

	2047	126,355	'Plant Inputs'!AJ34
SJRPP 1 Depreciation			
	2018	15,206,269	'Plant Inputs'!AK5
	2019	0	'Plant Inputs'!AK6
	2020	0	'Plant Inputs'!AK7
	2021	0	'Plant Inputs'!AK8
	2022	0	'Plant Inputs'!AK9
	2023	0	'Plant Inputs'!AK10
	2024	0	'Plant Inputs'!AK11
	2025	0	'Plant Inputs'!AK12
	2026	0	'Plant Inputs'!AK13
	2027	0	'Plant Inputs'!AK14
	2028	0	'Plant Inputs'!AK15
	2029	0	'Plant Inputs'!AK16
	2030	0	'Plant Inputs'!AK17
	2031	0	'Plant Inputs'!AK18
	2032	0	'Plant Inputs'!AK19
	2033	0	'Plant Inputs'!AK20
	2034	0	'Plant Inputs'!AK21
	2035	0	'Plant Inputs'!AK22
	2036	0	'Plant Inputs'!AK23
	2037	0	'Plant Inputs'!AK24
	2038	0	'Plant Inputs'!AK25
	2039	0	'Plant Inputs'!AK26
	2040	0	'Plant Inputs'!AK27
	2041	0	'Plant Inputs'!AK28
	2042	0	'Plant Inputs'!AK29
	2043	0	'Plant Inputs'!AK30
	2044	0	'Plant Inputs'!AK31
	2045	0	'Plant Inputs'!AK32
	2046	0	'Plant Inputs'!AK33
	2047	0	'Plant Inputs'!AK34
SJRPP 2 Depreciation			
	2018	12,678,038	'Plant Inputs'!AL5
	2019	0	'Plant Inputs'!AL6
	2020	0	'Plant Inputs'!AL7
	2021	0	'Plant Inputs'!AL8
	2022	0	'Plant Inputs'!AL9
	2023	0	'Plant Inputs'!AL10
	2024	0	'Plant Inputs'!AL11
	2025	0	'Plant Inputs'!AL12
	2026	0	'Plant Inputs'!AL13
	2027	0	'Plant Inputs'!AL14
	2028	0	'Plant Inputs'!AL15
	2029	0	'Plant Inputs'!AL16
	2030	0	'Plant Inputs'!AL17

	2031	0	'Plant Inputs'!AL18
	2032	0	'Plant Inputs'!AL19
	2033	0	'Plant Inputs'!AL20
	2034	0	'Plant Inputs'!AL21
	2035	0	'Plant Inputs'!AL22
	2036	0	'Plant Inputs'!AL23
	2037	0	'Plant Inputs'!AL24
	2038	0	'Plant Inputs'!AL25
	2039	0	'Plant Inputs'!AL26
	2040	0	'Plant Inputs'!AL27
	2041	0	'Plant Inputs'!AL28
	2042	0	'Plant Inputs'!AL29
	2043	0	'Plant Inputs'!AL30
	2044	0	'Plant Inputs'!AL31
	2045	0	'Plant Inputs'!AL32
	2046	0	'Plant Inputs'!AL33
	2047	0	'Plant Inputs'!AL34
Scherer Depreciation			
	2018	8,405,060	'Plant Inputs'!AM5
	2019	8,405,060	'Plant Inputs'!AM6
	2020	8,405,060	'Plant Inputs'!AM7
	2021	8,405,060	'Plant Inputs'!AM8
	2022	8,405,060	'Plant Inputs'!AM9
	2023	8,405,060	'Plant Inputs'!AM10
	2024	8,405,060	'Plant Inputs'!AM11
	2025	8,405,060	'Plant Inputs'!AM12
	2026	8,405,060	'Plant Inputs'!AM13
	2027	8,405,060	'Plant Inputs'!AM14
	2028	8,405,060	'Plant Inputs'!AM15
	2029	8,405,060	'Plant Inputs'!AM16
	2030	8,405,060	'Plant Inputs'!AM17
	2031	8,405,060	'Plant Inputs'!AM18
	2032	8,405,060	'Plant Inputs'!AM19
	2033	8,405,060	'Plant Inputs'!AM20
	2034	8,405,060	'Plant Inputs'!AM21
	2035	0	'Plant Inputs'!AM22
	2036	0	'Plant Inputs'!AM23
	2037	0	'Plant Inputs'!AM24
	2038	0	'Plant Inputs'!AM25
	2039	0	'Plant Inputs'!AM26
	2040	0	'Plant Inputs'!AM27
	2041	0	'Plant Inputs'!AM28
	2042	0	'Plant Inputs'!AM29
	2043	0	'Plant Inputs'!AM30
	2044	0	'Plant Inputs'!AM31
	2045	0	'Plant Inputs'!AM32

2046	0	'Plant Inputs'!AM33
2047	0	'Plant Inputs'!AM34
Brandy Branch CT Depreciation		
2018	12,526,850	'Plant Inputs'!AN5
2019	12,526,850	'Plant Inputs'!AN6
2020	12,526,850	'Plant Inputs'!AN7
2021	9,665,213	'Plant Inputs'!AN8
2022	9,665,213	'Plant Inputs'!AN9
2023	9,665,213	'Plant Inputs'!AN10
2024	9,665,213	'Plant Inputs'!AN11
2025	9,665,213	'Plant Inputs'!AN12
2026	2,569,953	'Plant Inputs'!AN13
2027	2,569,953	'Plant Inputs'!AN14
2028	2,569,953	'Plant Inputs'!AN15
2029	2,569,953	'Plant Inputs'!AN16
2030	2,569,953	'Plant Inputs'!AN17
2031	206,409	'Plant Inputs'!AN18
2032	206,409	'Plant Inputs'!AN19
2033	206,409	'Plant Inputs'!AN20
2034	206,409	'Plant Inputs'!AN21
2035	206,409	'Plant Inputs'!AN22
2036	206,409	'Plant Inputs'!AN23
2037	206,409	'Plant Inputs'!AN24
2038	206,409	'Plant Inputs'!AN25
2039	206,409	'Plant Inputs'!AN26
2040	206,409	'Plant Inputs'!AN27
2041	39,788	'Plant Inputs'!AN28
2042	39,788	'Plant Inputs'!AN29
2043	39,788	'Plant Inputs'!AN30
2044	39,788	'Plant Inputs'!AN31
2045	39,788	'Plant Inputs'!AN32
2046	39,788	'Plant Inputs'!AN33
2047	39,788	'Plant Inputs'!AN34
Brandy Branch CC Depreciation		
2018	8,876,086	'Plant Inputs'!AO5
2019	8,876,086	'Plant Inputs'!AO6
2020	8,876,086	'Plant Inputs'!AO7
2021	8,818,599	'Plant Inputs'!AO8
2022	8,818,599	'Plant Inputs'!AO9
2023	8,818,599	'Plant Inputs'!AO10
2024	8,818,599	'Plant Inputs'!AO11
2025	8,818,599	'Plant Inputs'!AO12
2026	8,330,993	'Plant Inputs'!AO13
2027	8,330,993	'Plant Inputs'!AO14
2028	8,330,993	'Plant Inputs'!AO15
2029	8,330,993	'Plant Inputs'!AO16

2030	8,330,993	'Plant Inputs'!AO17
2031	2,406,094	'Plant Inputs'!AO18
2032	2,406,094	'Plant Inputs'!AO19
2033	2,406,094	'Plant Inputs'!AO20
2034	2,406,094	'Plant Inputs'!AO21
2035	2,406,094	'Plant Inputs'!AO22
2036	2,406,094	'Plant Inputs'!AO23
2037	2,406,094	'Plant Inputs'!AO24
2038	2,406,094	'Plant Inputs'!AO25
2039	2,406,094	'Plant Inputs'!AO26
2040	2,406,094	'Plant Inputs'!AO27
2041	0	'Plant Inputs'!AO28
2042	0	'Plant Inputs'!AO29
2043	0	'Plant Inputs'!AO30
2044	0	'Plant Inputs'!AO31
2045	0	'Plant Inputs'!AO32
2046	0	'Plant Inputs'!AO33
2047	0	'Plant Inputs'!AO34

Greenland Energy Depreciation

2018	10,202,125	'Plant Inputs'!AP5
2019	10,202,125	'Plant Inputs'!AP6
2020	10,202,125	'Plant Inputs'!AP7
2021	9,894,783	'Plant Inputs'!AP8
2022	9,894,783	'Plant Inputs'!AP9
2023	9,894,783	'Plant Inputs'!AP10
2024	9,894,783	'Plant Inputs'!AP11
2025	9,894,783	'Plant Inputs'!AP12
2026	9,894,783	'Plant Inputs'!AP13
2027	9,894,783	'Plant Inputs'!AP14
2028	9,894,783	'Plant Inputs'!AP15
2029	9,894,783	'Plant Inputs'!AP16
2030	9,894,783	'Plant Inputs'!AP17
2031	4,598,675	'Plant Inputs'!AP18
2032	4,598,675	'Plant Inputs'!AP19
2033	4,598,675	'Plant Inputs'!AP20
2034	4,598,675	'Plant Inputs'!AP21
2035	4,598,675	'Plant Inputs'!AP22
2036	4,598,675	'Plant Inputs'!AP23
2037	4,598,675	'Plant Inputs'!AP24
2038	4,598,675	'Plant Inputs'!AP25
2039	4,598,675	'Plant Inputs'!AP26
2040	4,598,675	'Plant Inputs'!AP27
2041	0	'Plant Inputs'!AP28
2042	0	'Plant Inputs'!AP29
2043	0	'Plant Inputs'!AP30
2044	0	'Plant Inputs'!AP31

2045	0	'Plant Inputs'!AP32
2046	0	'Plant Inputs'!AP33
2047	0	'Plant Inputs'!AP34
Manual Adjustments		
10/1/2018	0	Calcs!G5
10/1/2019	0	Calcs!G6
10/1/2020	0	Calcs!G7
10/1/2021	0	Calcs!G8
10/1/2022	0	Calcs!G9
10/1/2023	0	Calcs!G10
10/1/2024	0	Calcs!G11
10/1/2025	0	Calcs!G12
10/1/2026	0	Calcs!G13
10/1/2027	0	Calcs!G14
10/1/2028	0	Calcs!G15
10/1/2029	0	Calcs!G16
10/1/2030	0	Calcs!G17
10/1/2031	0	Calcs!G18
10/1/2032	0	Calcs!G19
10/1/2033	0	Calcs!G20
10/1/2034	0	Calcs!G21
10/1/2035	0	Calcs!G22
10/1/2036	0	Calcs!G23
10/1/2037	0	Calcs!G24
10/1/2038	0	Calcs!G25
10/1/2039	0	Calcs!G26
10/1/2040	0	Calcs!G27
10/1/2041	0	Calcs!G28
10/1/2042	0	Calcs!G29
10/1/2043	0	Calcs!G30
10/1/2044	0	Calcs!G31
10/1/2045	0	Calcs!G32
10/1/2046	0	Calcs!G33
10/1/2047	0	Calcs!G34
10/1/2048	0	Calcs!G35
10/1/2049	0	Calcs!G36
10/1/2050	0	Calcs!G37
10/1/2051	0	Calcs!G38
10/1/2052	0	Calcs!G39
10/1/2053	0	Calcs!G40
10/1/2054	0	Calcs!G41
10/1/2055	0	Calcs!G42
10/1/2056	0	Calcs!G43
10/1/2057	0	Calcs!G44
10/1/2058	0	Calcs!G45
10/1/2059	0	Calcs!G46

10/1/2060	0	Calcs!G47
10/1/2061	0	Calcs!G48
10/1/2062	0	Calcs!G49
10/1/2063	0	Calcs!G50
10/1/2064	0	Calcs!G51
10/1/2065	0	Calcs!G52
10/1/2066	0	Calcs!G53
10/1/2067	0	Calcs!G54
10/1/2068	0	Calcs!G55
10/1/2069	0	Calcs!G56
10/1/2070	0	Calcs!G57
10/1/2071	0	Calcs!G58
10/1/2072	0	Calcs!G59
10/1/2073	0	Calcs!G60
10/1/2074	0	Calcs!G61
10/1/2075	0	Calcs!G62
10/1/2076	0	Calcs!G63
10/1/2077	0	Calcs!G64

Bond Targets

1	153,357,885	Calcs!Q5
2	0	Calcs!Q6
3	0	Calcs!Q7
4	0	Calcs!Q8
5	6,744,107	Calcs!Q9
6	12,698,304	Calcs!Q10
7	17,822,092	Calcs!Q11
8	23,259,907	Calcs!Q12
9	27,539,772	Calcs!Q13
10	31,898,875	Calcs!Q14
11	36,012,919	Calcs!Q15
12	39,455,068	Calcs!Q16
13	43,495,493	Calcs!Q17
14	46,297,684	Calcs!Q18
15	48,911,971	Calcs!Q19
16	52,750,656	Calcs!Q20
17	55,950,220	Calcs!Q21
18	59,640,227	Calcs!Q22
19	63,441,162	Calcs!Q23
20	67,177,791	Calcs!Q24
21	67,695,025	Calcs!Q25
22	67,695,025	Calcs!Q26
23	67,695,025	Calcs!Q27
24	67,695,025	Calcs!Q28
25	67,695,025	Calcs!Q29
26	67,695,025	Calcs!Q30
27	67,695,025	Calcs!Q31

28	67,695,025	Calcs!Q32
29	67,695,025	Calcs!Q33
30	67,695,025	Calcs!Q34

Other Purchased Power

2018	7,249,500	Inputs!AO8
2019	9,666,000	Inputs!AO9
2020	8,234,000	Inputs!AO10
2021	3,580,000	Inputs!AO11
2022	0	Inputs!AO12
2023	0	Inputs!AO13
2024	0	Inputs!AO14
2025	0	Inputs!AO15
2026	0	Inputs!AO16
2027	0	Inputs!AO17
2028	0	Inputs!AO18
2029	0	Inputs!AO19
2030	0	Inputs!AO20
2031	0	Inputs!AO21
2032	0	Inputs!AO22
2033	0	Inputs!AO23
2034	0	Inputs!AO24
2035	0	Inputs!AO25
2036	0	Inputs!AO26
2037	0	Inputs!AO27
2038	0	Inputs!AO28
2039	0	Inputs!AO29
2040	0	Inputs!AO30
2041	0	Inputs!AO31
2042	0	Inputs!AO32
2043	0	Inputs!AO33
2044	0	Inputs!AO34
2045	0	Inputs!AO35
2046	0	Inputs!AO36
2047	0	Inputs!AO37

Bond Defeasance

46613PSW7	1/0/1900	'data base'!AF9
46613PSX5	1/0/1900	'data base'!AF10
46613PSY3	1/0/1900	'data base'!AF11
46613PSZ0	1/0/1900	'data base'!AF12
46613PTA4	1/0/1900	'data base'!AF13
46613PVV5	1/0/1900	'data base'!AF14
46613PVV5	1/0/1900	'data base'!AF15
46613PVV5	1/0/1900	'data base'!AF16
46613PVV5	1/0/1900	'data base'!AF17
46613PVV5	1/0/1900	'data base'!AF18
46613PVV5	1/0/1900	'data base'!AF19

46613PVV5	1/0/1900	'data base'!AF20
46613PVV5	1/0/1900	'data base'!AF21
46613PVV5	1/0/1900	'data base'!AF22
46613PVV5	1/0/1900	'data base'!AF23
46613PVV5	1/0/1900	'data base'!AF24
46613PVV5	1/0/1900	'data base'!AF25
46613PVV5	1/0/1900	'data base'!AF26
46613PVV5	1/0/1900	'data base'!AF27
46613PVV5	1/0/1900	'data base'!AF28
46613PVW3	1/0/1900	'data base'!AF29
46613PVW3	1/0/1900	'data base'!AF30
46613PVW3	1/0/1900	'data base'!AF31
46613PVW3	1/0/1900	'data base'!AF32
46613PVW3	1/0/1900	'data base'!AF33
46613PVW3	1/0/1900	'data base'!AF34
46613PVW3	1/0/1900	'data base'!AF35
46613PVW3	1/0/1900	'data base'!AF36
46613PVW3	1/0/1900	'data base'!AF37
46613PVW3	1/0/1900	'data base'!AF38
46613PVW3	1/0/1900	'data base'!AF39
46613PVW3	1/0/1900	'data base'!AF40
46613PVW3	1/0/1900	'data base'!AF41
46613PVW3	1/0/1900	'data base'!AF42
46613PVW3	1/0/1900	'data base'!AF43
46613PVW3	1/0/1900	'data base'!AF44
46613PVW3	1/0/1900	'data base'!AF45
46613PVW3	1/0/1900	'data base'!AF46
46613PVW3	1/0/1900	'data base'!AF47
46613PVW3	1/0/1900	'data base'!AF48
46613PVW3	1/0/1900	'data base'!AF49
46613PVX1	1/0/1900	'data base'!AF50
46613PVX1	1/0/1900	'data base'!AF51
46613PVX1	1/0/1900	'data base'!AF52
46613PVX1	1/0/1900	'data base'!AF53
46613PVX1	1/0/1900	'data base'!AF54
46613PVX1	1/0/1900	'data base'!AF55
46613PVX1	1/0/1900	'data base'!AF56
46613PVX1	1/0/1900	'data base'!AF57
46613PVX1	1/0/1900	'data base'!AF58
46613PVY9	1/0/1900	'data base'!AF59
46613PVY9	1/0/1900	'data base'!AF60
46613PVY9	1/0/1900	'data base'!AF61
46613PVY9	1/0/1900	'data base'!AF62
46613PVY9	1/0/1900	'data base'!AF63
46613PVY9	1/0/1900	'data base'!AF64
46613PVY9	1/0/1900	'data base'!AF65

46613PWA0	1/0/1900	'data base'!AF66
46613PWA0	1/0/1900	'data base'!AF67
46613PWA0	1/0/1900	'data base'!AF68
46613PWA0	1/0/1900	'data base'!AF69
46613PWA0	1/0/1900	'data base'!AF70
46613PWA0	1/0/1900	'data base'!AF71
46613PWA0	1/0/1900	'data base'!AF72
46613PWA0	1/0/1900	'data base'!AF73
46613PWA0	1/0/1900	'data base'!AF74
46613PWA0	1/0/1900	'data base'!AF75
46613PWA0	1/0/1900	'data base'!AF76
46613PWA0	1/0/1900	'data base'!AF77
46613PWA0	1/0/1900	'data base'!AF78
46613PWA0	1/0/1900	'data base'!AF79
46613PWA0	1/0/1900	'data base'!AF80
46613PWA0	1/0/1900	'data base'!AF81
46613PXH4	1/0/1900	'data base'!AF82
46613PXJ0	1/0/1900	'data base'!AF83
46613PXS0	1/0/1900	'data base'!AF84
46613PXS0	1/0/1900	'data base'!AF85
46613PXS0	1/0/1900	'data base'!AF86
46613PXS0	1/0/1900	'data base'!AF87
46613PXS0	1/0/1900	'data base'!AF88
46613PXS0	1/0/1900	'data base'!AF89
46613PXS0	1/0/1900	'data base'!AF90
46613PXS0	1/0/1900	'data base'!AF91
46613PXT8	1/0/1900	'data base'!AF92
46613PXT8	1/0/1900	'data base'!AF93
46613PXT8	1/0/1900	'data base'!AF94
46613PXT8	1/0/1900	'data base'!AF95
46613PXT8	1/0/1900	'data base'!AF96
46613PXT8	1/0/1900	'data base'!AF97
46613PXT8	1/0/1900	'data base'!AF98
46613PXT8	1/0/1900	'data base'!AF99
46613PXT8	1/0/1900	'data base'!AF100
46613PXT8	1/0/1900	'data base'!AF101
46613PXT8	1/0/1900	'data base'!AF102
46613PYA8	1/0/1900	'data base'!AF103
46613PYB6	1/0/1900	'data base'!AF104
46613PYC4	1/0/1900	'data base'!AF105
46613PYD2	1/0/1900	'data base'!AF106
46613PYE0	1/0/1900	'data base'!AF107
46613PYF7	1/0/1900	'data base'!AF108
46613PYG5	1/0/1900	'data base'!AF109
46613PYH3	1/0/1900	'data base'!AF110
46613P4R4	1/0/1900	'data base'!AF111

46613PYT7	1/0/1900	'data base'!AF112
46613PYU4	1/0/1900	'data base'!AF113
46613PYZ3	1/0/1900	'data base'!AF114
46613P5A0	1/0/1900	'data base'!AF115
46613P5B8	1/0/1900	'data base'!AF116
46613P5E2	1/0/1900	'data base'!AF117
46613P5F9	1/0/1900	'data base'!AF118
46613P5H5	1/0/1900	'data base'!AF119
46613P5C6	1/0/1900	'data base'!AF120
46613P5G7	1/0/1900	'data base'!AF121
46613P5D4	1/0/1900	'data base'!AF122
46613P5D4	1/0/1900	'data base'!AF123
46613P5D4	1/0/1900	'data base'!AF124
46613P5D4	1/0/1900	'data base'!AF125
46613P5D4	1/0/1900	'data base'!AF126
46613PB21	1/0/1900	'data base'!AF127
46613PB39	1/0/1900	'data base'!AF128
46613PB47	1/0/1900	'data base'!AF129
46613PBQ0	1/0/1900	'data base'!AF130
46613PBR8	1/0/1900	'data base'!AF131
46613PE51	1/0/1900	'data base'!AF132
46613P6F8	1/0/1900	'data base'!AF133
46613P6E1	1/0/1900	'data base'!AF134
46613P6L5	1/0/1900	'data base'!AF135
46613P6M3	1/0/1900	'data base'!AF136
46613P5Y8	1/0/1900	'data base'!AF137
46613P6A9	1/0/1900	'data base'!AF138
46613P6G6	1/0/1900	'data base'!AF139
46613P6B7	1/0/1900	'data base'!AF140
46613P6H4	1/0/1900	'data base'!AF141
46613P6C5	1/0/1900	'data base'!AF142
46613P6J0	1/0/1900	'data base'!AF143
46613P6D3	1/0/1900	'data base'!AF144
46613P6K7	1/0/1900	'data base'!AF145
46613P5Z5	1/0/1900	'data base'!AF146
46613P5Z5	1/0/1900	'data base'!AF147
46613P5Z5	1/0/1900	'data base'!AF148
46613PC38	1/0/1900	'data base'!AF149
46613PC46	1/0/1900	'data base'!AF150
46613PC53	1/0/1900	'data base'!AF151
46613PC61	1/0/1900	'data base'!AF152
46613PC79	1/0/1900	'data base'!AF153
46613PC87	1/0/1900	'data base'!AF154
46613PC95	1/0/1900	'data base'!AF155
46613PD29	1/0/1900	'data base'!AF156
46613PD60	1/0/1900	'data base'!AF157

46613PD78	1/0/1900 'data base'!AF158
46613PD52	1/0/1900 'data base'!AF159
46613PD52	1/0/1900 'data base'!AF160
46613PD52	1/0/1900 'data base'!AF161
46613PD37	1/0/1900 'data base'!AF162
46613PD37	1/0/1900 'data base'!AF163
46613PD37	1/0/1900 'data base'!AF164
46613PD37	1/0/1900 'data base'!AF165
46613PD37	1/0/1900 'data base'!AF166
46613PD37	1/0/1900 'data base'!AF167
46613PD37	1/0/1900 'data base'!AF168
46613PD37	1/0/1900 'data base'!AF169
46613PD37	1/0/1900 'data base'!AF170
46613PD37	1/0/1900 'data base'!AF171
46613PG42	1/0/1900 'data base'!AF172
46613PBW7	1/0/1900 'data base'!AF173
46613PBX5	1/0/1900 'data base'!AF174
46613PBY3	1/0/1900 'data base'!AF175
46613PBZ0	1/0/1900 'data base'!AF176
46613PH66	1/0/1900 'data base'!AF177
46613PH74	1/0/1900 'data base'!AF178
46613PH82	1/0/1900 'data base'!AF179
46613PH90	1/0/1900 'data base'!AF180
46613P7J9	1/0/1900 'data base'!AF181
46613PJ31	1/0/1900 'data base'!AF182
46613P7T7	1/0/1900 'data base'!AF183
46613P7M2	1/0/1900 'data base'!AF184
46613P7U4	1/0/1900 'data base'!AF185
46613P7N0	1/0/1900 'data base'!AF186
46613P7V2	1/0/1900 'data base'!AF187
46613P7P5	1/0/1900 'data base'!AF188
46613P7X8	1/0/1900 'data base'!AF189
46613P7Q3	1/0/1900 'data base'!AF190
46613P7Y6	1/0/1900 'data base'!AF191
46613P7K6	1/0/1900 'data base'!AF192
46613P7R1	1/0/1900 'data base'!AF193
46613P7Z3	1/0/1900 'data base'!AF194
46613PJ80	1/0/1900 'data base'!AF195
46613P7S9	1/0/1900 'data base'!AF196
46613P8A7	1/0/1900 'data base'!AF197
46613PJ98	1/0/1900 'data base'!AF198
46613PL46	1/0/1900 'data base'!AF199
46613P8B5	1/0/1900 'data base'!AF200
46613PK21	1/0/1900 'data base'!AF201
46613PK39	1/0/1900 'data base'!AF202
46613P7W0	1/0/1900 'data base'!AF203

46613P8C3	1/0/1900	'data base'!AF204
46613PK88	1/0/1900	'data base'!AF205
46613P8D1	1/0/1900	'data base'!AF206
46613P8D1	1/0/1900	'data base'!AF207
46613P8D1	1/0/1900	'data base'!AF208
46613P8D1	1/0/1900	'data base'!AF209
46613P7L4	1/0/1900	'data base'!AF210
46613P7L4	1/0/1900	'data base'!AF211
46613P7L4	1/0/1900	'data base'!AF212
46613P7L4	1/0/1900	'data base'!AF213
46613PM86	1/0/1900	'data base'!AF214
46613PP83	1/0/1900	'data base'!AF215
46613PP91	1/0/1900	'data base'!AF216
46613PQ25	1/0/1900	'data base'!AF217
46613PQ33	1/0/1900	'data base'!AF218
46613PQ41	1/0/1900	'data base'!AF219
46613PQ58	1/0/1900	'data base'!AF220
46613P8J8	1/0/1900	'data base'!AF221
46613P8K5	1/0/1900	'data base'!AF222
46613PQ82	1/0/1900	'data base'!AF223
46613PQ90	1/0/1900	'data base'!AF224
46613PR24	1/0/1900	'data base'!AF225
46613P8L3	1/0/1900	'data base'!AF226
46613PR57	1/0/1900	'data base'!AF227
46613PR57	1/0/1900	'data base'!AF228
46613P8M1	1/0/1900	'data base'!AF229
46613P8M1	1/0/1900	'data base'!AF230
46613PR65	1/0/1900	'data base'!AF231
46613PR65	1/0/1900	'data base'!AF232
46613PR65	1/0/1900	'data base'!AF233
46613PR99	1/0/1900	'data base'!AF234
46613PCD8	1/0/1900	'data base'!AF235
46613PS23	1/0/1900	'data base'!AF236
46613PCE6	1/0/1900	'data base'!AF237
46613PS31	1/0/1900	'data base'!AF238
46613PS31	1/0/1900	'data base'!AF239
46613PS31	1/0/1900	'data base'!AF240
46613PS31	1/0/1900	'data base'!AF241
46613PS31	1/0/1900	'data base'!AF242
46613PCF3	1/0/1900	'data base'!AF243
46613PCF3	1/0/1900	'data base'!AF244
46613P2Y1	1/0/1900	'data base'!AF245
46613P2Y1	1/0/1900	'data base'!AF246
46613P2Y1	1/0/1900	'data base'!AF247
46613P2Y1	1/0/1900	'data base'!AF248
46613PT89	1/0/1900	'data base'!AF249

46613PT97	1/0/1900	'data base'!AF250
46613PU20	1/0/1900	'data base'!AF251
46613PU38	1/0/1900	'data base'!AF252
46613PU46	1/0/1900	'data base'!AF253
46613PAF5	1/0/1900	'data base'!AF254
46613PAG3	1/0/1900	'data base'!AF255
46613PAH1	1/0/1900	'data base'!AF256
46613PAJ7	1/0/1900	'data base'!AF257
46613PAK4	1/0/1900	'data base'!AF258
46613PV60	1/0/1900	'data base'!AF259
46613PV78	1/0/1900	'data base'!AF260
46613PW85	1/0/1900	'data base'!AF261
46613PV86	1/0/1900	'data base'!AF262
46613PW93	1/0/1900	'data base'!AF263
46613PV94	1/0/1900	'data base'!AF264
46613PX27	1/0/1900	'data base'!AF265
46613PCQ9	1/0/1900	'data base'!AF266
46613PX35	1/0/1900	'data base'!AF267
46613PCR7	1/0/1900	'data base'!AF268
46613PCS5	1/0/1900	'data base'!AF269
46613PCT3	1/0/1900	'data base'!AF270
46613PCU0	1/0/1900	'data base'!AF271
46613PCV8	1/0/1900	'data base'!AF272
46613PCW6	1/0/1900	'data base'!AF273
46613PCX4	1/0/1900	'data base'!AF274
46613PY26	1/0/1900	'data base'!AF275
46613P2Q8	1/0/1900	'data base'!AF276
46613PY34	1/0/1900	'data base'!AF277
46613P2R6	1/0/1900	'data base'!AF278
46613PY42	1/0/1900	'data base'!AF279
46613PY59	1/0/1900	'data base'!AF280
46613PY67	1/0/1900	'data base'!AF281
46613PY75	1/0/1900	'data base'!AF282
46613P2D7	1/0/1900	'data base'!AF283
46613PBF4	1/0/1900	'data base'!AF284
46613P2E5	1/0/1900	'data base'!AF285
46613PBG2	1/0/1900	'data base'!AF286
46613PBA5	1/0/1900	'data base'!AF287
46613PBH0	1/0/1900	'data base'!AF288
46613PBB3	1/0/1900	'data base'!AF289
46613PBJ6	1/0/1900	'data base'!AF290
46613PBC1	1/0/1900	'data base'!AF291
46613PBK3	1/0/1900	'data base'!AF292
46613PBD9	1/0/1900	'data base'!AF293
46613PBL1	1/0/1900	'data base'!AF294
46613PBE7	1/0/1900	'data base'!AF295

46613PBM9	1/0/1900	'data base'!AF296
46613P2L9	1/0/1900	'data base'!AF297
46613PZ74	1/0/1900	'data base'!AF298
46613P2S4	1/0/1900	'data base'!AF299
46613PZ82	1/0/1900	'data base'!AF300
46613P2T2	1/0/1900	'data base'!AF301
46613PZ90	1/0/1900	'data base'!AF302
46613P2U9	1/0/1900	'data base'!AF303
46613P2A3	1/0/1900	'data base'!AF304
46613P2V7	1/0/1900	'data base'!AF305
46613P2W5	1/0/1900	'data base'!AF306
46613PAZ1	1/0/1900	'data base'!AF307
46613PAZ1	1/0/1900	'data base'!AF308
46613P2C9	1/0/1900	'data base'!AF309
46613P2C9	1/0/1900	'data base'!AF310
46613P2C9	1/0/1900	'data base'!AF311
46613P2C9	1/0/1900	'data base'!AF312
46613P2M7	1/0/1900	'data base'!AF313
46613P2M7	1/0/1900	'data base'!AF314
46613P2M7	1/0/1900	'data base'!AF315
46613P2Z8	1/0/1900	'data base'!AF316
46613P3A2	1/0/1900	'data base'!AF317
46613P3B0	1/0/1900	'data base'!AF318
46613P3C8	1/0/1900	'data base'!AF319
46613P3D6	1/0/1900	'data base'!AF320
46613P3E4	1/0/1900	'data base'!AF321
46613P3F1	1/0/1900	'data base'!AF322
46613P3G9	1/0/1900	'data base'!AF323
46613P3H7	1/0/1900	'data base'!AF324
46613P3J3	1/0/1900	'data base'!AF325
46613P3K0	1/0/1900	'data base'!AF326
46613P3L8	1/0/1900	'data base'!AF327
46613P3M6	1/0/1900	'data base'!AF328
46613P3N4	1/0/1900	'data base'!AF329
46613P3Q7	1/0/1900	'data base'!AF330
46613P3S3	1/0/1900	'data base'!AF331
46613P3V6	1/0/1900	'data base'!AF332
46613P3W4	1/0/1900	'data base'!AF333
46613P3W4	1/0/1900	'data base'!AF334
46613P3W4	1/0/1900	'data base'!AF335
46613P3X2	1/0/1900	'data base'!AF336
46613P3X2	1/0/1900	'data base'!AF337
46613P3P9	1/0/1900	'data base'!AF338
46613P3R5	1/0/1900	'data base'!AF339
46613P3T1	1/0/1900	'data base'!AF340
46613P3U8	1/0/1900	'data base'!AF341

46613P4P8	1/0/1900 'data base'!AF342
46613P3Y0	1/0/1900 'data base'!AF343
46613P3Z7	1/0/1900 'data base'!AF344
46613P4A1	1/0/1900 'data base'!AF345
46613P4B9	1/0/1900 'data base'!AF346
46613P4D5	1/0/1900 'data base'!AF347
46613P4C7	1/0/1900 'data base'!AF348
46613P4E3	1/0/1900 'data base'!AF349
46613P4F0	1/0/1900 'data base'!AF350
46613P4G8	1/0/1900 'data base'!AF351
46613P4H6	1/0/1900 'data base'!AF352
46613P4J2	1/0/1900 'data base'!AF353
46613P4K9	1/0/1900 'data base'!AF354
46613P4L7	1/0/1900 'data base'!AF355
46613P4M5	1/0/1900 'data base'!AF356
46613P4N3	1/0/1900 'data base'!AF357
46615MAH4	1/0/1900 'data base'!AF358
46615MAJ0	1/0/1900 'data base'!AF359
46615MAK7	1/0/1900 'data base'!AF360
46615MAL5	1/0/1900 'data base'!AF361
46615MAM3	1/0/1900 'data base'!AF362
46615MAN1	1/0/1900 'data base'!AF363
46615MAP6	1/0/1900 'data base'!AF364
46615MAQ4	1/0/1900 'data base'!AF365
46615MAR2	1/0/1900 'data base'!AF366
46615MAS0	1/0/1900 'data base'!AF367
46615MAS0	1/0/1900 'data base'!AF368
46615MAS0	1/0/1900 'data base'!AF369
46615MAS0	1/0/1900 'data base'!AF370
46615MAT8	1/0/1900 'data base'!AF371
46615MAT8	1/0/1900 'data base'!AF372
46615MAT8	1/0/1900 'data base'!AF373
46615MAT8	1/0/1900 'data base'!AF374
46613QEH3	1/0/1900 'data base'!AF375
46613QEZ3	1/0/1900 'data base'!AF376
46613QEZ3	1/0/1900 'data base'!AF377
46613QEZ3	1/0/1900 'data base'!AF378
46613QEZ3	1/0/1900 'data base'!AF379
46613Q GD0	1/0/1900 'data base'!AF380
46613Q GE8	1/0/1900 'data base'!AF381
46613Q GF5	1/0/1900 'data base'!AF382
46613Q GG3	1/0/1900 'data base'!AF383
46613Q GH1	1/0/1900 'data base'!AF384
46613Q GJ7	1/0/1900 'data base'!AF385
46613Q GK4	1/0/1900 'data base'!AF386
46613Q GL2	1/0/1900 'data base'!AF387

46613Q GM0	1/0/1900 'data base'!AF388
46613Q GN8	1/0/1900 'data base'!AF389
46613Q GP3	1/0/1900 'data base'!AF390
46613QHP2	1/0/1900 'data base'!AF391
46613QJB1	1/0/1900 'data base'!AF392
46613QHR8	1/0/1900 'data base'!AF393
46613QJC9	1/0/1900 'data base'!AF394
46613QHS6	1/0/1900 'data base'!AF395
46613QJD7	1/0/1900 'data base'!AF396
46613QHT4	1/0/1900 'data base'!AF397
46613QJE5	1/0/1900 'data base'!AF398
46613QHU1	1/0/1900 'data base'!AF399
46613QJF2	1/0/1900 'data base'!AF400
46613QHV9	1/0/1900 'data base'!AF401
46613QHW7	1/0/1900 'data base'!AF402
46613QHX5	1/0/1900 'data base'!AF403
46613QHY3	1/0/1900 'data base'!AF404
46613QHZ0	1/0/1900 'data base'!AF405
46613QJA3	1/0/1900 'data base'!AF406
46613QJA3	1/0/1900 'data base'!AF407
46613QJA3	1/0/1900 'data base'!AF408
46613QJA3	1/0/1900 'data base'!AF409
46613QJT2	1/0/1900 'data base'!AF410
46613QJU9	1/0/1900 'data base'!AF411
46613QJV7	1/0/1900 'data base'!AF412
46613QJW5	1/0/1900 'data base'!AF413
46613QJX3	1/0/1900 'data base'!AF414
46613QJY1	1/0/1900 'data base'!AF415
46613QJZ8	1/0/1900 'data base'!AF416
46613QKA1	1/0/1900 'data base'!AF417
46613QKB9	1/0/1900 'data base'!AF418
46613QKC7	1/0/1900 'data base'!AF419
46613QKD5	1/0/1900 'data base'!AF420
46613QKE3	1/0/1900 'data base'!AF421
46613QKF0	1/0/1900 'data base'!AF422
46613QKG8	1/0/1900 'data base'!AF423
46613QKH6	1/0/1900 'data base'!AF424
46613QKQ6	1/0/1900 'data base'!AF425
46613QKR4	1/0/1900 'data base'!AF426
46613QKS2	1/0/1900 'data base'!AF427
46613QKT0	1/0/1900 'data base'!AF428
46613QKU7	1/0/1900 'data base'!AF429
46613QKV5	1/0/1900 'data base'!AF430
46613QKW3	1/0/1900 'data base'!AF431
46613QKX1	1/0/1900 'data base'!AF432
46613QKY9	1/0/1900 'data base'!AF433

46613QKZ6	1/0/1900 'data base'!AF434
46613QLA0	1/0/1900 'data base'!AF435
46613QLB8	1/0/1900 'data base'!AF436
46613QLC6	1/0/1900 'data base'!AF437
46613QLD4	1/0/1900 'data base'!AF438
46613QLE2	1/0/1900 'data base'!AF439
46613QLG7	1/0/1900 'data base'!AF440
46613QLF9	1/0/1900 'data base'!AF441
46613QLF9	1/0/1900 'data base'!AF442
46613QLF9	1/0/1900 'data base'!AF443
46613QLF9	1/0/1900 'data base'!AF444
46613QLF9	1/0/1900 'data base'!AF445
46613CK79	1/0/1900 'data base'!AF446
46613CK79	1/0/1900 'data base'!AF447
46613CK79	1/0/1900 'data base'!AF448
46613CK79	1/0/1900 'data base'!AF449
46613CK79	1/0/1900 'data base'!AF450
46613CK79	1/0/1900 'data base'!AF451
46613CK79	1/0/1900 'data base'!AF452
46613CK79	1/0/1900 'data base'!AF453
46613CK79	1/0/1900 'data base'!AF454
46613CK79	1/0/1900 'data base'!AF455
46613CK79	1/0/1900 'data base'!AF456
46613CK79	1/0/1900 'data base'!AF457
46615X	1/0/1900 'data base'!AF458
46615X	1/0/1900 'data base'!AF459
46615X	1/0/1900 'data base'!AF460
46615X	1/0/1900 'data base'!AF461
46615X	1/0/1900 'data base'!AF462
46615Y	1/0/1900 'data base'!AF463
46615Y	1/0/1900 'data base'!AF464
46615Y	1/0/1900 'data base'!AF465
46615Y	1/0/1900 'data base'!AF466
46615Y	1/0/1900 'data base'!AF467
46613CEN1	1/0/1900 'data base'!AF468
46613CFQ3	1/0/1900 'data base'!AF469
46613CMK8	1/0/1900 'data base'!AF470
46613CMK8	1/0/1900 'data base'!AF471
46613CMK8	1/0/1900 'data base'!AF472
46613CMK8	1/0/1900 'data base'!AF473
46613CMK8	1/0/1900 'data base'!AF474
46613CMK8	1/0/1900 'data base'!AF475
46613CMK8	1/0/1900 'data base'!AF476
46613CMK8	1/0/1900 'data base'!AF477
46613CMK8	1/0/1900 'data base'!AF478
46613CMK8	1/0/1900 'data base'!AF479

46613CZV0	1/0/1900 'data base'!AF480
46613CZV0	1/0/1900 'data base'!AF481
46613CZV0	1/0/1900 'data base'!AF482
46613CZV0	1/0/1900 'data base'!AF483
46613CZV0	1/0/1900 'data base'!AF484
46613CZV0	1/0/1900 'data base'!AF485
46613CZV0	1/0/1900 'data base'!AF486
46613CZV0	1/0/1900 'data base'!AF487
46613CZV0	1/0/1900 'data base'!AF488
46613CZV0	1/0/1900 'data base'!AF489
46613CZV0	1/0/1900 'data base'!AF490
46613CZV0	1/0/1900 'data base'!AF491
46613CZV0	1/0/1900 'data base'!AF492
46613CZV0	1/0/1900 'data base'!AF493
46613CZV0	1/0/1900 'data base'!AF494
46613CZV0	1/0/1900 'data base'!AF495
46613CZV0	1/0/1900 'data base'!AF496
46613CZV0	1/0/1900 'data base'!AF497
46613CZV0	1/0/1900 'data base'!AF498
46613CZV0	1/0/1900 'data base'!AF499
46613CZV0	1/0/1900 'data base'!AF500
46613CZV0	1/0/1900 'data base'!AF501
46613CZV0	1/0/1900 'data base'!AF502
46613CMS1	1/0/1900 'data base'!AF503
46613CMS1	1/0/1900 'data base'!AF504
46613CMS1	1/0/1900 'data base'!AF505
46613CMS1	1/0/1900 'data base'!AF506
46613CMS1	1/0/1900 'data base'!AF507
46613CMS1	1/0/1900 'data base'!AF508
46613CMS1	1/0/1900 'data base'!AF509
46613CMS1	1/0/1900 'data base'!AF510
46613CMS1	1/0/1900 'data base'!AF511
46613CMS1	1/0/1900 'data base'!AF512
46613CMS1	1/0/1900 'data base'!AF513
46613CMS1	1/0/1900 'data base'!AF514
46613CMS1	1/0/1900 'data base'!AF515
46613CMS1	1/0/1900 'data base'!AF516
46613CMS1	1/0/1900 'data base'!AF517
46613CMS1	1/0/1900 'data base'!AF518
46613CMT9	1/0/1900 'data base'!AF519
46613CMT9	1/0/1900 'data base'!AF520
46613CMT9	1/0/1900 'data base'!AF521
46613CMT9	1/0/1900 'data base'!AF522
46613CMT9	1/0/1900 'data base'!AF523
46613CMT9	1/0/1900 'data base'!AF524
46613CMT9	1/0/1900 'data base'!AF525

46613CMT9	1/0/1900	'data base'!AF526
46613CMT9	1/0/1900	'data base'!AF527
46613CMT9	1/0/1900	'data base'!AF528
46613CMT9	1/0/1900	'data base'!AF529
46613CMT9	1/0/1900	'data base'!AF530
46613CMT9	1/0/1900	'data base'!AF531
46613CW50	1/0/1900	'data base'!AF532
46613CW50	1/0/1900	'data base'!AF533
46613CW50	1/0/1900	'data base'!AF534
46613CW50	1/0/1900	'data base'!AF535
46613CW50	1/0/1900	'data base'!AF536
46613CW50	1/0/1900	'data base'!AF537
46613CW50	1/0/1900	'data base'!AF538
46613CW50	1/0/1900	'data base'!AF539
46613CW50	1/0/1900	'data base'!AF540
46613CW50	1/0/1900	'data base'!AF541
46613CW50	1/0/1900	'data base'!AF542
46613CW50	1/0/1900	'data base'!AF543
46613CW50	1/0/1900	'data base'!AF544
46613CW50	1/0/1900	'data base'!AF545
46613CW50	1/0/1900	'data base'!AF546
46613CW50	1/0/1900	'data base'!AF547
46613CW50	1/0/1900	'data base'!AF548
46613CW50	1/0/1900	'data base'!AF549
46613CW50	1/0/1900	'data base'!AF550
46613CMM4	1/0/1900	'data base'!AF551
46613CMM4	1/0/1900	'data base'!AF552
46613CMM4	1/0/1900	'data base'!AF553
46613CMM4	1/0/1900	'data base'!AF554
46613CMM4	1/0/1900	'data base'!AF555
46613CMM4	1/0/1900	'data base'!AF556
46613CMM4	1/0/1900	'data base'!AF557
46613CMM4	1/0/1900	'data base'!AF558
46613CMM4	1/0/1900	'data base'!AF559
46613CMM4	1/0/1900	'data base'!AF560
46613CMM4	1/0/1900	'data base'!AF561
46613CMN2	1/0/1900	'data base'!AF562
46613CMN2	1/0/1900	'data base'!AF563
46613CMN2	1/0/1900	'data base'!AF564
46613CMN2	1/0/1900	'data base'!AF565
46613CMN2	1/0/1900	'data base'!AF566
46613CMN2	1/0/1900	'data base'!AF567
46613CMN2	1/0/1900	'data base'!AF568
46613CMN2	1/0/1900	'data base'!AF569
46613CMN2	1/0/1900	'data base'!AF570
46613CMN2	1/0/1900	'data base'!AF571

46613CMN2	1/0/1900	'data base'!AF572
46613CMP7	1/0/1900	'data base'!AF573
46613CMP7	1/0/1900	'data base'!AF574
46613CMP7	1/0/1900	'data base'!AF575
46613CMP7	1/0/1900	'data base'!AF576
46613CMP7	1/0/1900	'data base'!AF577
46613CMP7	1/0/1900	'data base'!AF578
46613CMP7	1/0/1900	'data base'!AF579
46613CMP7	1/0/1900	'data base'!AF580
46613CMP7	1/0/1900	'data base'!AF581
46613CMV4	1/0/1900	'data base'!AF582
46613CMV4	1/0/1900	'data base'!AF583
46613CMV4	1/0/1900	'data base'!AF584
46613CMV4	1/0/1900	'data base'!AF585
46613CMV4	1/0/1900	'data base'!AF586
46613CMV4	1/0/1900	'data base'!AF587
46613CMV4	1/0/1900	'data base'!AF588
46613CMV4	1/0/1900	'data base'!AF589
46613CMV4	1/0/1900	'data base'!AF590
46613CMV4	1/0/1900	'data base'!AF591
46613CMV4	1/0/1900	'data base'!AF592
46613CMV4	1/0/1900	'data base'!AF593
46613CMV4	1/0/1900	'data base'!AF594
46613CMV4	1/0/1900	'data base'!AF595
46613CMV4	1/0/1900	'data base'!AF596
46613CZW8	1/0/1900	'data base'!AF597
46613CZW8	1/0/1900	'data base'!AF598
46613CZW8	1/0/1900	'data base'!AF599
46613CZW8	1/0/1900	'data base'!AF600
46613CZW8	1/0/1900	'data base'!AF601
46613CZW8	1/0/1900	'data base'!AF602
46613CZW8	1/0/1900	'data base'!AF603
46613CZW8	1/0/1900	'data base'!AF604
46613CZW8	1/0/1900	'data base'!AF605
46613CZW8	1/0/1900	'data base'!AF606
46613CZW8	1/0/1900	'data base'!AF607
46613CZW8	1/0/1900	'data base'!AF608
46613CZW8	1/0/1900	'data base'!AF609
46613CZW8	1/0/1900	'data base'!AF610
46613CZW8	1/0/1900	'data base'!AF611
46613CZW8	1/0/1900	'data base'!AF612
46613CZW8	1/0/1900	'data base'!AF613
46613CZW8	1/0/1900	'data base'!AF614
46613CZW8	1/0/1900	'data base'!AF615
46613CUL7	1/0/1900	'data base'!AF616
46613CVU6	1/0/1900	'data base'!AF617

46613CVW2		1/0/1900	'data base'!AF618
46613CVW2		1/0/1900	'data base'!AF619
46613CVW2		1/0/1900	'data base'!AF620
46613CVW2		1/0/1900	'data base'!AF621
46613CVW2		1/0/1900	'data base'!AF622
46613CVW2		1/0/1900	'data base'!AF623
46613CVW2		1/0/1900	'data base'!AF624
46613CVW2		1/0/1900	'data base'!AF625
46613CVW2		1/0/1900	'data base'!AF626
46613CVW2		1/0/1900	'data base'!AF627
46613CVW2		1/0/1900	'data base'!AF628
46613CVW2		1/0/1900	'data base'!AF629
46613CWC5		1/0/1900	'data base'!AF630
46613CWD3		1/0/1900	'data base'!AF631
46613CWE1		1/0/1900	'data base'!AF632
46613CWF8		1/0/1900	'data base'!AF633
46613CWH4		1/0/1900	'data base'!AF634
	#REF!	#REF!	'data base'!#REF!
	#REF!	#REF!	'data base'!#REF!
	#REF!	#REF!	'data base'!#REF!
	#REF!	#REF!	'data base'!#REF!
46613CWG6		1/0/1900	'data base'!AF635
46613CWG6		1/0/1900	'data base'!AF636
46613CWG6		1/0/1900	'data base'!AF637
46613CWG6		1/0/1900	'data base'!AF638
46613CWG6		1/0/1900	'data base'!AF639
46613CWG6		1/0/1900	'data base'!AF640
46613CWG6		1/0/1900	'data base'!AF641
46613CWG6		1/0/1900	'data base'!AF642
46613CWG6		1/0/1900	'data base'!AF643
46613CWG6		1/0/1900	'data base'!AF644
46613CWL5		1/0/1900	'data base'!AF645
46613CWM3		1/0/1900	'data base'!AF646
46613CWP6		1/0/1900	'data base'!AF647
46613CXR1		1/0/1900	'data base'!AF648
46613CXS9		1/0/1900	'data base'!AF649
46613SGR5		1/0/1900	'data base'!AF650
46613SGS3		1/0/1900	'data base'!AF651
46613CZQ1		1/0/1900	'data base'!AF652
46613CZR9		1/0/1900	'data base'!AF653
46613SFS4		1/0/1900	'data base'!AF654
46613SLC2		1/0/1900	'data base'!AF655
46613CC86		1/0/1900	'data base'!AF656
46613CG25		1/0/1900	'data base'!AF657
46613SGU8		1/0/1900	'data base'!AF658
46613CJ30		1/0/1900	'data base'!AF659

46613CJ30		1/0/1900	'data base'!AF660
46613CJ30		1/0/1900	'data base'!AF661
46613CJ22		1/0/1900	'data base'!AF662
46613CJ22		1/0/1900	'data base'!AF663
46613CJ22		1/0/1900	'data base'!AF664
46613CJ22		1/0/1900	'data base'!AF665
46613CJ22		1/0/1900	'data base'!AF666
46613CJ22		1/0/1900	'data base'!AF667
46613CJ22		1/0/1900	'data base'!AF668
46613CJ22		1/0/1900	'data base'!AF669
46613CJ22		1/0/1900	'data base'!AF670
46613CJ22		1/0/1900	'data base'!AF671
46613CJ55		1/0/1900	'data base'!AF672
46613CJ63		1/0/1900	'data base'!AF673
46613CJ71		1/0/1900	'data base'!AF674
46613CJ97		1/0/1900	'data base'!AF675
46613CK20		1/0/1900	'data base'!AF676
46613CK38		1/0/1900	'data base'!AF677
46613CJ89		1/0/1900	'data base'!AF678
46613CJ89		1/0/1900	'data base'!AF679
46613CJ89		1/0/1900	'data base'!AF680
46613CJ89		1/0/1900	'data base'!AF681
46613SHF0		1/0/1900	'data base'!AF682
46613SHG8		1/0/1900	'data base'!AF683
46613SHH6		1/0/1900	'data base'!AF684
	#REF!	#REF!	'data base'!#REF!
	#REF!	#REF!	'data base'!#REF!
	#REF!	#REF!	'data base'!#REF!
	#REF!	#REF!	'data base'!#REF!
	#REF!	#REF!	'data base'!#REF!
	#REF!	#REF!	'data base'!#REF!
	#REF!	#REF!	'data base'!#REF!
	#REF!	#REF!	'data base'!#REF!
	#REF!	#REF!	'data base'!#REF!
	#REF!	#REF!	'data base'!#REF!
	#REF!	#REF!	'data base'!#REF!
	#REF!	#REF!	'data base'!#REF!
	#REF!	#REF!	'data base'!#REF!
	#REF!	#REF!	'data base'!#REF!
	#REF!	#REF!	'data base'!#REF!
46613SHJ2		1/0/1900	'data base'!AF685
	#REF!	#REF!	'data base'!#REF!
	#REF!	#REF!	'data base'!#REF!
	#REF!	#REF!	'data base'!#REF!
	#REF!	#REF!	'data base'!#REF!
	#REF!	#REF!	'data base'!#REF!

	#REF!	#REF!	'data base'!#REF!
	#REF!	#REF!	'data base'!#REF!
	#REF!	#REF!	'data base'!#REF!
46613SHL7		1/0/1900	'data base'!AF686
46613SHM5		1/0/1900	'data base'!AF687
46613SHP8		1/0/1900	'data base'!AF688
46613SHK9		1/0/1900	'data base'!AF689
46613CP66		1/0/1900	'data base'!AF690
46613SHN3		1/0/1900	'data base'!AF691
46613SHQ6		1/0/1900	'data base'!AF692
46613CQ24		1/0/1900	'data base'!AF693
46613CL78		1/0/1900	'data base'!AF694
46613CL86		1/0/1900	'data base'!AF695
46613CL94		1/0/1900	'data base'!AF696
46613SLJ7		1/0/1900	'data base'!AF697
46613SLK4		1/0/1900	'data base'!AF698
	#REF!	#REF!	'data base'!#REF!
	#REF!	#REF!	'data base'!#REF!
	#REF!	#REF!	'data base'!#REF!
46613SLL2		1/0/1900	'data base'!AF699
46613SLM0		1/0/1900	'data base'!AF700
46613SLN8		1/0/1900	'data base'!AF701
46613CN27		1/0/1900	'data base'!AF702
46613CN35		1/0/1900	'data base'!AF703
46613CN43		1/0/1900	'data base'!AF704
46613CN50		1/0/1900	'data base'!AF705
46613CN68		1/0/1900	'data base'!AF706
46613CN68		1/0/1900	'data base'!AF707
46613CR49		1/0/1900	'data base'!AF708
46613CR56		1/0/1900	'data base'!AF709
46613SLU2		1/0/1900	'data base'!AF710
46613SLV0		1/0/1900	'data base'!AF711
46613CS63		1/0/1900	'data base'!AF712
46613SLW8		1/0/1900	'data base'!AF713
46613SLX6		1/0/1900	'data base'!AF714
46613CS97		1/0/1900	'data base'!AF715
46613CT21		1/0/1900	'data base'!AF716
46613SLY4		1/0/1900	'data base'!AF717
46613SLY4		1/0/1900	'data base'!AF718
46613CT54		1/0/1900	'data base'!AF719
46613CT54		1/0/1900	'data base'!AF720
46613CT54		1/0/1900	'data base'!AF721
46613CT39		1/0/1900	'data base'!AF722
46613CT39		1/0/1900	'data base'!AF723
46613CT39		1/0/1900	'data base'!AF724
46613CU37		1/0/1900	'data base'!AF725

46613CU94		1/0/1900	'data base'!AF726
46613CV28		1/0/1900	'data base'!AF727
46613CV36		1/0/1900	'data base'!AF728
46613CV44		1/0/1900	'data base'!AF729
46613CV51		1/0/1900	'data base'!AF730
46613CV69		1/0/1900	'data base'!AF731
46613CW35		1/0/1900	'data base'!AF732
46613CW35		1/0/1900	'data base'!AF733
46613CW35		1/0/1900	'data base'!AF734
46613CV77		1/0/1900	'data base'!AF735
46613CV77		1/0/1900	'data base'!AF736
46613CV77		1/0/1900	'data base'!AF737
46613SHT0		1/0/1900	'data base'!AF738
46613SHT0		1/0/1900	'data base'!AF739
46613SHT0		1/0/1900	'data base'!AF740
	#REF!	#REF!	'data base'!#REF!
46613CV93		1/0/1900	'data base'!AF741
	#REF!	#REF!	'data base'!#REF!
46613CV93		1/0/1900	'data base'!AF742
46613CV93		1/0/1900	'data base'!AF743
46613CV93		1/0/1900	'data base'!AF744
46613SHU7		1/0/1900	'data base'!AF745
46613SHU7		1/0/1900	'data base'!AF746
46613SHU7		1/0/1900	'data base'!AF747
46613SHU7		1/0/1900	'data base'!AF748
46613CW84		1/0/1900	'data base'!AF749
46613CW92		1/0/1900	'data base'!AF750
46613CX26		1/0/1900	'data base'!AF751
46613CX34		1/0/1900	'data base'!AF752
46613CX42		1/0/1900	'data base'!AF753
46613SME7		1/0/1900	'data base'!AF754
46613SMF4		1/0/1900	'data base'!AF755
46613SMG2		1/0/1900	'data base'!AF756
	#REF!	#REF!	'data base'!#REF!
46613SMH0		1/0/1900	'data base'!AF757
46613CY25		1/0/1900	'data base'!AF758
46613SMJ6		1/0/1900	'data base'!AF759
46613CY41		1/0/1900	'data base'!AF760
46613CZ24		1/0/1900	'data base'!AF761
46613C2C8		1/0/1900	'data base'!AF762
46613CZ32		1/0/1900	'data base'!AF763
46613CZ40		1/0/1900	'data base'!AF764
46613C2A2		1/0/1900	'data base'!AF765
46613C2B0		1/0/1900	'data base'!AF766
46613C2F1		1/0/1900	'data base'!AF767
46613SJB7		1/0/1900	'data base'!AF768

46613SHZ6	1/0/1900	'data base'!AF769
46613SJC5	1/0/1900	'data base'!AF770
46613SJA9	1/0/1900	'data base'!AF771
46613C2M6	1/0/1900	'data base'!AF772
46613C2N4	1/0/1900	'data base'!AF773
46613C2P9	1/0/1900	'data base'!AF774
46613C2Q7	1/0/1900	'data base'!AF775
46613C2R5	1/0/1900	'data base'!AF776
46613SMM9	1/0/1900	'data base'!AF777
46613SMN7	1/0/1900	'data base'!AF778
46613C3A1	1/0/1900	'data base'!AF779
46613C3B9	1/0/1900	'data base'!AF780
46613C3C7	1/0/1900	'data base'!AF781
46613C3D5	1/0/1900	'data base'!AF782
46613C3E3	1/0/1900	'data base'!AF783
46613C3F0	1/0/1900	'data base'!AF784
46613C3G8	1/0/1900	'data base'!AF785
46613C3G8	1/0/1900	'data base'!AF786
46613C3G8	1/0/1900	'data base'!AF787
46613C3G8	1/0/1900	'data base'!AF788
46613C3G8	1/0/1900	'data base'!AF789
46613C3H6	1/0/1900	'data base'!AF790
46613C3H6	1/0/1900	'data base'!AF791
46613C3H6	1/0/1900	'data base'!AF792
46613C3H6	1/0/1900	'data base'!AF793
46613C3H6	1/0/1900	'data base'!AF794
46613C3M5	1/0/1900	'data base'!AF795
46613C3N3	1/0/1900	'data base'!AF796
46613C4C6	1/0/1900	'data base'!AF797
46613C4D4	1/0/1900	'data base'!AF798
46613C4E2	1/0/1900	'data base'!AF799
46613C3U7	1/0/1900	'data base'!AF800
46613C4F9	1/0/1900	'data base'!AF801
46613C3V5	1/0/1900	'data base'!AF802
46613C3W3	1/0/1900	'data base'!AF803
46613C4G7	1/0/1900	'data base'!AF804
46613C3X1	1/0/1900	'data base'!AF805
46613C4H5	1/0/1900	'data base'!AF806
46613C3Y9	1/0/1900	'data base'!AF807
46613C4J1	1/0/1900	'data base'!AF808
46613C3Z6	1/0/1900	'data base'!AF809
46613C4K8	1/0/1900	'data base'!AF810
46613C4K8	1/0/1900	'data base'!AF811
46613C4A0	1/0/1900	'data base'!AF812
46613C4L6	1/0/1900	'data base'!AF813
46613C4L6	1/0/1900	'data base'!AF814

46613C4L6	1/0/1900 'data base'!AF815
46613C4L6	1/0/1900 'data base'!AF816
46613C4B8	1/0/1900 'data base'!AF817
46613C4B8	1/0/1900 'data base'!AF818
46613C4B8	1/0/1900 'data base'!AF819
46613C4B8	1/0/1900 'data base'!AF820
46613C4B8	1/0/1900 'data base'!AF821
46613C5J0	1/0/1900 'data base'!AF822
46613C5K7	1/0/1900 'data base'!AF823
46613C5L5	1/0/1900 'data base'!AF824
46613C5M3	1/0/1900 'data base'!AF825
46613C5N1	1/0/1900 'data base'!AF826
46613C5P6	1/0/1900 'data base'!AF827
46613SJK7	1/0/1900 'data base'!AF828
46613SJL5	1/0/1900 'data base'!AF829
46613SJM3	1/0/1900 'data base'!AF830
46613SJN1	1/0/1900 'data base'!AF831
46613SJP6	1/0/1900 'data base'!AF832
46613SJQ4	1/0/1900 'data base'!AF833
46613SJQ4	1/0/1900 'data base'!AF834
46613C6A8	1/0/1900 'data base'!AF835
46613C6B6	1/0/1900 'data base'!AF836
46613C6U4	1/0/1900 'data base'!AF837
46613C6V2	1/0/1900 'data base'!AF838
46613C6W0	1/0/1900 'data base'!AF839
46613C6X8	1/0/1900 'data base'!AF840
46613SNS5	1/0/1900 'data base'!AF841
46613SNF3	1/0/1900 'data base'!AF842
46613SNT3	1/0/1900 'data base'!AF843
46613SNG1	1/0/1900 'data base'!AF844
46613SNU0	1/0/1900 'data base'!AF845
46613SNH9	1/0/1900 'data base'!AF846
46613SNV8	1/0/1900 'data base'!AF847
46613SNW6	1/0/1900 'data base'!AF848
46613SNJ5	1/0/1900 'data base'!AF849
46613SNK2	1/0/1900 'data base'!AF850
46613SNL0	1/0/1900 'data base'!AF851
46613SNM8	1/0/1900 'data base'!AF852
46613SNN6	1/0/1900 'data base'!AF853
46613SNP1	1/0/1900 'data base'!AF854
46613SNQ9	1/0/1900 'data base'!AF855
46613SNR7	1/0/1900 'data base'!AF856
46613SAE0	1/0/1900 'data base'!AF857
46613SAF7	1/0/1900 'data base'!AF858
46613SKB5	1/0/1900 'data base'!AF859
46613SKC3	1/0/1900 'data base'!AF860

46613SKD1	1/0/1900 'data base'!AF861
46613SKE9	1/0/1900 'data base'!AF862
46613SKF6	1/0/1900 'data base'!AF863
46613SKG4	1/0/1900 'data base'!AF864
46613SKH2	1/0/1900 'data base'!AF865
46613SKJ8	1/0/1900 'data base'!AF866
46613SKK5	1/0/1900 'data base'!AF867
46613SKL3	1/0/1900 'data base'!AF868
46613SBB5	1/0/1900 'data base'!AF869
46613SBC3	1/0/1900 'data base'!AF870
46613SBW9	1/0/1900 'data base'!AF871
46613SBV1	1/0/1900 'data base'!AF872
46613SBD1	1/0/1900 'data base'!AF873
46613SBE9	1/0/1900 'data base'!AF874
46613SBF6	1/0/1900 'data base'!AF875
46613SPK0	1/0/1900 'data base'!AF876
46613SPL8	1/0/1900 'data base'!AF877
46613SPM6	1/0/1900 'data base'!AF878
46613SPN4	1/0/1900 'data base'!AF879
46613SPP9	1/0/1900 'data base'!AF880
46613SPQ7	1/0/1900 'data base'!AF881
46613SPR5	1/0/1900 'data base'!AF882
46613SPS3	1/0/1900 'data base'!AF883
46613SPT1	1/0/1900 'data base'!AF884
46613SPU8	1/0/1900 'data base'!AF885
46613SPV6	1/0/1900 'data base'!AF886
46613SPV6	1/0/1900 'data base'!AF887
46613SPW4	1/0/1900 'data base'!AF888
46613SPW4	1/0/1900 'data base'!AF889
46613SPW4	1/0/1900 'data base'!AF890
46613SCD0	1/0/1900 'data base'!AF891
46613SCE8	1/0/1900 'data base'!AF892
46613SCF5	1/0/1900 'data base'!AF893
46613SCG3	1/0/1900 'data base'!AF894
46613SCH1	1/0/1900 'data base'!AF895
46613SCJ7	1/0/1900 'data base'!AF896
46613SCL2	1/0/1900 'data base'!AF897
46613SKR0	1/0/1900 'data base'!AF898
46613SKS8	1/0/1900 'data base'!AF899
46613SKT6	1/0/1900 'data base'!AF900
46613SKU3	1/0/1900 'data base'!AF901
46613SCR9	1/0/1900 'data base'!AF902
46613SCS7	1/0/1900 'data base'!AF903
46613SCT5	1/0/1900 'data base'!AF904
46613SCU2	1/0/1900 'data base'!AF905
46613SCV0	1/0/1900 'data base'!AF906

46613SCW8	1/0/1900 'data base'!AF907
46613SCW8	1/0/1900 'data base'!AF908
46613SCW8	1/0/1900 'data base'!AF909
46613SCW8	1/0/1900 'data base'!AF910
46613SCW8	1/0/1900 'data base'!AF911
46613SCZ1	1/0/1900 'data base'!AF912
46613SDA5	1/0/1900 'data base'!AF913
46613SKY5	1/0/1900 'data base'!AF914
46613SKZ2	1/0/1900 'data base'!AF915
46613SDD9	1/0/1900 'data base'!AF916
46613SLA6	1/0/1900 'data base'!AF917
46613SDE7	1/0/1900 'data base'!AF918
46613SDG2	1/0/1900 'data base'!AF919
46613SDJ6	1/0/1900 'data base'!AF920
46613SDL1	1/0/1900 'data base'!AF921
46613SDN7	1/0/1900 'data base'!AF922
46613SDM9	1/0/1900 'data base'!AF923
46613SFT2	1/0/1900 'data base'!AF924
46613SFU9	1/0/1900 'data base'!AF925
46613SFV7	1/0/1900 'data base'!AF926
46613SFW5	1/0/1900 'data base'!AF927
46613SFX3	1/0/1900 'data base'!AF928
46613SFY1	1/0/1900 'data base'!AF929
46613SFZ8	1/0/1900 'data base'!AF930
46613SGA2	1/0/1900 'data base'!AF931
46613SGB0	1/0/1900 'data base'!AF932
46613SGC8	1/0/1900 'data base'!AF933
46613SGD6	1/0/1900 'data base'!AF934
46613SGE4	1/0/1900 'data base'!AF935
46613SGF1	1/0/1900 'data base'!AF936
46613SGG9	1/0/1900 'data base'!AF937
46613SGH7	1/0/1900 'data base'!AF938
46613SGJ3	1/0/1900 'data base'!AF939
46613SGK0	1/0/1900 'data base'!AF940
46613SGL8	1/0/1900 'data base'!AF941
46613SGM6	1/0/1900 'data base'!AF942
46613SGN4	1/0/1900 'data base'!AF943
472149BQ5	1/0/1900 'data base'!AF944
472149BR3	1/0/1900 'data base'!AF945
472149BS1	1/0/1900 'data base'!AF946
472149BT9	1/0/1900 'data base'!AF947
472149BU6	1/0/1900 'data base'!AF948
472149BV4	1/0/1900 'data base'!AF949
472149BW2	1/0/1900 'data base'!AF950
472149BX0	1/0/1900 'data base'!AF951
472149BY8	1/0/1900 'data base'!AF952

472149BZ5		1/0/1900	'data base'!AF953
472149CA9		1/0/1900	'data base'!AF954
472149CB7		1/0/1900	'data base'!AF955
472149CC5		1/0/1900	'data base'!AF956
472149CD3		1/0/1900	'data base'!AF957
472149CE1		1/0/1900	'data base'!AF958
472149CF8		1/0/1900	'data base'!AF959
472149CG6		1/0/1900	'data base'!AF960
472149CH4		1/0/1900	'data base'!AF961
472149CH4		1/0/1900	'data base'!AF962
472149CH4		1/0/1900	'data base'!AF963
472149CH4		1/0/1900	'data base'!AF964
472149BB8		1/0/1900	'data base'!AF965
472149BC6		1/0/1900	'data base'!AF966
472149BD4		1/0/1900	'data base'!AF967
472149BE2		1/0/1900	'data base'!AF968
472149BF9		1/0/1900	'data base'!AF969
472149BG7		1/0/1900	'data base'!AF970
472149BH5		1/0/1900	'data base'!AF971
472149BJ1		1/0/1900	'data base'!AF972
472149BK8		1/0/1900	'data base'!AF973
472149BK8		1/0/1900	'data base'!AF974
472149BK8		1/0/1900	'data base'!AF975
472149BK8		1/0/1900	'data base'!AF976
472149BK8		1/0/1900	'data base'!AF977
626207YF5		1/0/1900	'data base'!AF978
626207YH1		1/0/1900	'data base'!AF979
626207YJ7		1/0/1900	'data base'!AF980
626207YL2		1/0/1900	'data base'!AF981
626207YK4		1/0/1900	'data base'!AF982
626207H23		1/0/1900	'data base'!AF983
626207H31		1/0/1900	'data base'!AF984
	0	1/0/1900	'data base'!AF985
	0	1/0/1900	'data base'!AF986
	0	1/0/1900	'data base'!AF987
	0	1/0/1900	'data base'!AF988
	0	1/0/1900	'data base'!AF989
	0	1/0/1900	'data base'!AF990
	0	1/0/1900	'data base'!AF991
	0	1/0/1900	'data base'!AF992
	0	1/0/1900	'data base'!AF993
	0	1/0/1900	'data base'!AF994
	0	1/0/1900	'data base'!AF995
	0	1/0/1900	'data base'!AF996
	0	1/0/1900	'data base'!AF997
	0	1/0/1900	'data base'!AF998

0	1/0/1900	'data base'!AF999
0	1/0/1900	'data base'!AF1000
0	1/0/1900	'data base'!AF1001
0	1/0/1900	'data base'!AF1002
0	1/0/1900	'data base'!AF1003
0	1/0/1900	'data base'!AF1004
0	1/0/1900	'data base'!AF1005
0	1/0/1900	'data base'!AF1006
0	1/0/1900	'data base'!AF1007
0	1/0/1900	'data base'!AF1008
0	1/0/1900	'data base'!AF1009
0	1/0/1900	'data base'!AF1010
0	1/0/1900	'data base'!AF1011
0	1/0/1900	'data base'!AF1012
0	1/0/1900	'data base'!AF1013
0	1/0/1900	'data base'!AF1014
0	1/0/1900	'data base'!AF1015
0	1/0/1900	'data base'!AF1016
0	1/0/1900	'data base'!AF1017
0	1/0/1900	'data base'!AF1018
0	1/0/1900	'data base'!AF1019
0	1/0/1900	'data base'!AF1020
0	1/0/1900	'data base'!AF1021
0	1/0/1900	'data base'!AF1022
0	1/0/1900	'data base'!AF1023
0	1/0/1900	'data base'!AF1024
0	1/0/1900	'data base'!AF1025
0	1/0/1900	'data base'!AF1026
0	1/0/1900	'data base'!AF1027
0	1/0/1900	'data base'!AF1028
0	1/0/1900	'data base'!AF1029
0	1/0/1900	'data base'!AF1030
0	1/0/1900	'data base'!AF1031
0	1/0/1900	'data base'!AF1032
0	1/0/1900	'data base'!AF1033
0	1/0/1900	'data base'!AF1034
0	1/0/1900	'data base'!AF1035
0	1/0/1900	'data base'!AF1036
0	1/0/1900	'data base'!AF1037
0	1/0/1900	'data base'!AF1038
0	1/0/1900	'data base'!AF1039
0	1/0/1900	'data base'!AF1040
0	1/0/1900	'data base'!AF1041
0	1/0/1900	'data base'!AF1042
0	1/0/1900	'data base'!AF1043
0	1/0/1900	'data base'!AF1044

0	1/0/1900	'data base'!AF1045
0	1/0/1900	'data base'!AF1046
0	1/0/1900	'data base'!AF1047
0	1/0/1900	'data base'!AF1048
0	1/0/1900	'data base'!AF1049
0	1/0/1900	'data base'!AF1050
0	1/0/1900	'data base'!AF1051
0	1/0/1900	'data base'!AF1052
0	1/0/1900	'data base'!AF1053
0	1/0/1900	'data base'!AF1054
0	1/0/1900	'data base'!AF1055
0	1/0/1900	'data base'!AF1056
0	1/0/1900	'data base'!AF1057
0	1/0/1900	'data base'!AF1058
0	1/0/1900	'data base'!AF1059
0	1/0/1900	'data base'!AF1060
0	1/0/1900	'data base'!AF1061
0	1/0/1900	'data base'!AF1062
0	1/0/1900	'data base'!AF1063
0	1/0/1900	'data base'!AF1064
0	1/0/1900	'data base'!AF1065
0	1/0/1900	'data base'!AF1066
0	1/0/1900	'data base'!AF1067
0	1/0/1900	'data base'!AF1068
0	1/0/1900	'data base'!AF1069
0	1/0/1900	'data base'!AF1070
0	1/0/1900	'data base'!AF1071
0	1/0/1900	'data base'!AF1072
0	1/0/1900	'data base'!AF1073
0	1/0/1900	'data base'!AF1074
0	1/0/1900	'data base'!AF1075
0	1/0/1900	'data base'!AF1076
0	1/0/1900	'data base'!AF1077
0	1/0/1900	'data base'!AF1078
0	1/0/1900	'data base'!AF1079
0	1/0/1900	'data base'!AF1080
0	1/0/1900	'data base'!AF1081
0	1/0/1900	'data base'!AF1082
0	1/0/1900	'data base'!AF1083
0	1/0/1900	'data base'!AF1084
0	1/0/1900	'data base'!AF1085
0	1/0/1900	'data base'!AF1086
0	1/0/1900	'data base'!AF1087
0	1/0/1900	'data base'!AF1088
0	1/0/1900	'data base'!AF1089
0	1/0/1900	'data base'!AF1090

0	1/0/1900	'data base'!AF1091
0	1/0/1900	'data base'!AF1092
0	1/0/1900	'data base'!AF1093
0	1/0/1900	'data base'!AF1094
0	1/0/1900	'data base'!AF1095
0	1/0/1900	'data base'!AF1096
0	1/0/1900	'data base'!AF1097
0	1/0/1900	'data base'!AF1098
0	1/0/1900	'data base'!AF1099
0	1/0/1900	'data base'!AF1100
0	1/0/1900	'data base'!AF1101
0	1/0/1900	'data base'!AF1102
0	1/0/1900	'data base'!AF1103
0	1/0/1900	'data base'!AF1104
0	1/0/1900	'data base'!AF1105
0	1/0/1900	'data base'!AF1106
0	1/0/1900	'data base'!AF1107
0	1/0/1900	'data base'!AF1108
0	1/0/1900	'data base'!AF1109
0	1/0/1900	'data base'!AF1110
0	1/0/1900	'data base'!AF1111
0	1/0/1900	'data base'!AF1112
0	1/0/1900	'data base'!AF1113
0	1/0/1900	'data base'!AF1114
0	1/0/1900	'data base'!AF1115
0	1/0/1900	'data base'!AF1116
0	1/0/1900	'data base'!AF1117
0	1/0/1900	'data base'!AF1118
0	1/0/1900	'data base'!AF1119
0	1/0/1900	'data base'!AF1120
0	1/0/1900	'data base'!AF1121
0	1/0/1900	'data base'!AF1122
0	1/0/1900	'data base'!AF1123
0	1/0/1900	'data base'!AF1124
0	1/0/1900	'data base'!AF1125
0	1/0/1900	'data base'!AF1126
0	1/0/1900	'data base'!AF1127
0	1/0/1900	'data base'!AF1128
0	1/0/1900	'data base'!AF1129
0	1/0/1900	'data base'!AF1130
0	1/0/1900	'data base'!AF1131
0	1/0/1900	'data base'!AF1132
0	1/0/1900	'data base'!AF1133
0	1/0/1900	'data base'!AF1134
0	1/0/1900	'data base'!AF1135
0	1/0/1900	'data base'!AF1136

0	1/0/1900	'data base'!AF1137
0	1/0/1900	'data base'!AF1138
0	1/0/1900	'data base'!AF1139
0	1/0/1900	'data base'!AF1140
0	1/0/1900	'data base'!AF1141
0	1/0/1900	'data base'!AF1142
0	1/0/1900	'data base'!AF1143
0	1/0/1900	'data base'!AF1144
0	1/0/1900	'data base'!AF1145
0	1/0/1900	'data base'!AF1146
0	1/0/1900	'data base'!AF1147
0	1/0/1900	'data base'!AF1148
0	1/0/1900	'data base'!AF1149
0	1/0/1900	'data base'!AF1150
0	1/0/1900	'data base'!AF1151
0	1/0/1900	'data base'!AF1152
0	1/0/1900	'data base'!AF1153
0	1/0/1900	'data base'!AF1154
0	1/0/1900	'data base'!AF1155
0	1/0/1900	'data base'!AF1156
0	1/0/1900	'data base'!AF1157
0	1/0/1900	'data base'!AF1158
0	1/0/1900	'data base'!AF1159
0	1/0/1900	'data base'!AF1160
0	1/0/1900	'data base'!AF1161
0	1/0/1900	'data base'!AF1162
0	1/0/1900	'data base'!AF1163
0	1/0/1900	'data base'!AF1164
0	1/0/1900	'data base'!AF1165
0	1/0/1900	'data base'!AF1166
0	1/0/1900	'data base'!AF1167
0	1/0/1900	'data base'!AF1168
0	1/0/1900	'data base'!AF1169
0	1/0/1900	'data base'!AF1170
0	1/0/1900	'data base'!AF1171
0	1/0/1900	'data base'!AF1172
0	1/0/1900	'data base'!AF1173
0	1/0/1900	'data base'!AF1174
0	1/0/1900	'data base'!AF1175
0	1/0/1900	'data base'!AF1176
0	1/0/1900	'data base'!AF1177
0	1/0/1900	'data base'!AF1178
0	1/0/1900	'data base'!AF1179
0	1/0/1900	'data base'!AF1180
0	1/0/1900	'data base'!AF1181
0	1/0/1900	'data base'!AF1182

0	1/0/1900	'data base'!AF1183
0	1/0/1900	'data base'!AF1184
0	1/0/1900	'data base'!AF1185
0	1/0/1900	'data base'!AF1186
0	1/0/1900	'data base'!AF1187
0	1/0/1900	'data base'!AF1188
0	1/0/1900	'data base'!AF1189
0	1/0/1900	'data base'!AF1190
0	1/0/1900	'data base'!AF1191
0	1/0/1900	'data base'!AF1192
0	1/0/1900	'data base'!AF1193
0	1/0/1900	'data base'!AF1194
0	1/0/1900	'data base'!AF1195
0	1/0/1900	'data base'!AF1196
0	1/0/1900	'data base'!AF1197
0	1/0/1900	'data base'!AF1198
0	1/0/1900	'data base'!AF1199
0	1/0/1900	'data base'!AF1200
0	1/0/1900	'data base'!AF1201
0	1/0/1900	'data base'!AF1202
0	1/0/1900	'data base'!AF1203
0	1/0/1900	'data base'!AF1204

Defeasance Portion

46613PSW7	100%	'data base'!AD9
46613PSX5	100%	'data base'!AD10
46613PSY3	100%	'data base'!AD11
46613PSZ0	100%	'data base'!AD12
46613PTA4	100%	'data base'!AD13
46613PVV5	100%	'data base'!AD14
46613PVV5	100%	'data base'!AD15
46613PVV5	100%	'data base'!AD16
46613PVV5	100%	'data base'!AD17
46613PVV5	100%	'data base'!AD18
46613PVV5	100%	'data base'!AD19
46613PVV5	100%	'data base'!AD20
46613PVV5	100%	'data base'!AD21
46613PVV5	100%	'data base'!AD22
46613PVV5	100%	'data base'!AD23
46613PVV5	100%	'data base'!AD24
46613PVV5	100%	'data base'!AD25
46613PVV5	100%	'data base'!AD26
46613PVV5	100%	'data base'!AD27
46613PVV5	100%	'data base'!AD28
46613PVW3	100%	'data base'!AD29
46613PVW3	100%	'data base'!AD30
46613PVW3	100%	'data base'!AD31

46613PVW3	100% 'data base'!AD32
46613PVW3	100% 'data base'!AD33
46613PVW3	100% 'data base'!AD34
46613PVW3	100% 'data base'!AD35
46613PVW3	100% 'data base'!AD36
46613PVW3	100% 'data base'!AD37
46613PVW3	100% 'data base'!AD38
46613PVW3	100% 'data base'!AD39
46613PVW3	100% 'data base'!AD40
46613PVW3	100% 'data base'!AD41
46613PVW3	100% 'data base'!AD42
46613PVW3	100% 'data base'!AD43
46613PVW3	100% 'data base'!AD44
46613PVW3	100% 'data base'!AD45
46613PVW3	100% 'data base'!AD46
46613PVW3	100% 'data base'!AD47
46613PVW3	100% 'data base'!AD48
46613PVW3	100% 'data base'!AD49
46613PVX1	100% 'data base'!AD50
46613PVX1	100% 'data base'!AD51
46613PVX1	100% 'data base'!AD52
46613PVX1	100% 'data base'!AD53
46613PVX1	100% 'data base'!AD54
46613PVX1	100% 'data base'!AD55
46613PVX1	100% 'data base'!AD56
46613PVX1	100% 'data base'!AD57
46613PVX1	100% 'data base'!AD58
46613PVY9	100% 'data base'!AD59
46613PVY9	100% 'data base'!AD60
46613PVY9	100% 'data base'!AD61
46613PVY9	100% 'data base'!AD62
46613PVY9	100% 'data base'!AD63
46613PVY9	100% 'data base'!AD64
46613PVY9	100% 'data base'!AD65
46613PWA0	100% 'data base'!AD66
46613PWA0	100% 'data base'!AD67
46613PWA0	100% 'data base'!AD68
46613PWA0	100% 'data base'!AD69
46613PWA0	100% 'data base'!AD70
46613PWA0	100% 'data base'!AD71
46613PWA0	100% 'data base'!AD72
46613PWA0	100% 'data base'!AD73
46613PWA0	100% 'data base'!AD74
46613PWA0	100% 'data base'!AD75
46613PWA0	100% 'data base'!AD76
46613PWA0	100% 'data base'!AD77

46613PWA0	100% 'data base'!AD78
46613PWA0	100% 'data base'!AD79
46613PWA0	100% 'data base'!AD80
46613PWA0	100% 'data base'!AD81
46613PXH4	100% 'data base'!AD82
46613PXJ0	100% 'data base'!AD83
46613PXS0	100% 'data base'!AD84
46613PXS0	100% 'data base'!AD85
46613PXS0	100% 'data base'!AD86
46613PXS0	100% 'data base'!AD87
46613PXS0	100% 'data base'!AD88
46613PXS0	100% 'data base'!AD89
46613PXS0	100% 'data base'!AD90
46613PXS0	100% 'data base'!AD91
46613PXT8	100% 'data base'!AD92
46613PXT8	100% 'data base'!AD93
46613PXT8	100% 'data base'!AD94
46613PXT8	100% 'data base'!AD95
46613PXT8	100% 'data base'!AD96
46613PXT8	100% 'data base'!AD97
46613PXT8	100% 'data base'!AD98
46613PXT8	100% 'data base'!AD99
46613PXT8	100% 'data base'!AD100
46613PXT8	100% 'data base'!AD101
46613PXT8	100% 'data base'!AD102
46613PYA8	100% 'data base'!AD103
46613PYB6	100% 'data base'!AD104
46613PYC4	100% 'data base'!AD105
46613PYD2	100% 'data base'!AD106
46613PYE0	100% 'data base'!AD107
46613PYF7	100% 'data base'!AD108
46613PYG5	100% 'data base'!AD109
46613PYH3	100% 'data base'!AD110
46613P4R4	100% 'data base'!AD111
46613PYT7	100% 'data base'!AD112
46613PYU4	100% 'data base'!AD113
46613PYZ3	100% 'data base'!AD114
46613P5A0	100% 'data base'!AD115
46613P5B8	100% 'data base'!AD116
46613P5E2	100% 'data base'!AD117
46613P5F9	100% 'data base'!AD118
46613P5H5	100% 'data base'!AD119
46613P5C6	100% 'data base'!AD120
46613P5G7	100% 'data base'!AD121
46613P5D4	100% 'data base'!AD122
46613P5D4	100% 'data base'!AD123

46613P5D4	100% 'data base'!AD124
46613P5D4	100% 'data base'!AD125
46613P5D4	100% 'data base'!AD126
46613PB21	100% 'data base'!AD127
46613PB39	100% 'data base'!AD128
46613PB47	100% 'data base'!AD129
46613PBQ0	100% 'data base'!AD130
46613PBR8	100% 'data base'!AD131
46613PE51	100% 'data base'!AD132
46613P6F8	100% 'data base'!AD133
46613P6E1	100% 'data base'!AD134
46613P6L5	100% 'data base'!AD135
46613P6M3	100% 'data base'!AD136
46613P5Y8	100% 'data base'!AD137
46613P6A9	100% 'data base'!AD138
46613P6G6	100% 'data base'!AD139
46613P6B7	100% 'data base'!AD140
46613P6H4	100% 'data base'!AD141
46613P6C5	100% 'data base'!AD142
46613P6J0	100% 'data base'!AD143
46613P6D3	100% 'data base'!AD144
46613P6K7	100% 'data base'!AD145
46613P5Z5	100% 'data base'!AD146
46613P5Z5	100% 'data base'!AD147
46613P5Z5	100% 'data base'!AD148
46613PC38	100% 'data base'!AD149
46613PC46	100% 'data base'!AD150
46613PC53	100% 'data base'!AD151
46613PC61	100% 'data base'!AD152
46613PC79	100% 'data base'!AD153
46613PC87	100% 'data base'!AD154
46613PC95	100% 'data base'!AD155
46613PD29	100% 'data base'!AD156
46613PD60	100% 'data base'!AD157
46613PD78	100% 'data base'!AD158
46613PD52	100% 'data base'!AD159
46613PD52	100% 'data base'!AD160
46613PD52	100% 'data base'!AD161
46613PD37	100% 'data base'!AD162
46613PD37	100% 'data base'!AD163
46613PD37	100% 'data base'!AD164
46613PD37	100% 'data base'!AD165
46613PD37	100% 'data base'!AD166
46613PD37	100% 'data base'!AD167
46613PD37	100% 'data base'!AD168
46613PD37	100% 'data base'!AD169

46613PD37	100% 'data base'!AD170
46613PD37	100% 'data base'!AD171
46613PG42	100% 'data base'!AD172
46613PBW7	100% 'data base'!AD173
46613PBX5	100% 'data base'!AD174
46613PBY3	100% 'data base'!AD175
46613PBZ0	100% 'data base'!AD176
46613PH66	100% 'data base'!AD177
46613PH74	100% 'data base'!AD178
46613PH82	100% 'data base'!AD179
46613PH90	100% 'data base'!AD180
46613P7J9	100% 'data base'!AD181
46613PJ31	100% 'data base'!AD182
46613P7T7	100% 'data base'!AD183
46613P7M2	100% 'data base'!AD184
46613P7U4	100% 'data base'!AD185
46613P7N0	100% 'data base'!AD186
46613P7V2	100% 'data base'!AD187
46613P7P5	100% 'data base'!AD188
46613P7X8	100% 'data base'!AD189
46613P7Q3	100% 'data base'!AD190
46613P7Y6	100% 'data base'!AD191
46613P7K6	100% 'data base'!AD192
46613P7R1	100% 'data base'!AD193
46613P7Z3	100% 'data base'!AD194
46613PJ80	100% 'data base'!AD195
46613P7S9	100% 'data base'!AD196
46613P8A7	100% 'data base'!AD197
46613PJ98	100% 'data base'!AD198
46613PL46	100% 'data base'!AD199
46613P8B5	100% 'data base'!AD200
46613PK21	100% 'data base'!AD201
46613PK39	100% 'data base'!AD202
46613P7W0	100% 'data base'!AD203
46613P8C3	100% 'data base'!AD204
46613PK88	100% 'data base'!AD205
46613P8D1	100% 'data base'!AD206
46613P8D1	100% 'data base'!AD207
46613P8D1	100% 'data base'!AD208
46613P8D1	100% 'data base'!AD209
46613P7L4	100% 'data base'!AD210
46613P7L4	100% 'data base'!AD211
46613P7L4	100% 'data base'!AD212
46613P7L4	100% 'data base'!AD213
46613PM86	100% 'data base'!AD214
46613PP83	100% 'data base'!AD215

46613PP91	100% 'data base'!AD216
46613PQ25	100% 'data base'!AD217
46613PQ33	100% 'data base'!AD218
46613PQ41	100% 'data base'!AD219
46613PQ58	100% 'data base'!AD220
46613P8J8	100% 'data base'!AD221
46613P8K5	100% 'data base'!AD222
46613PQ82	100% 'data base'!AD223
46613PQ90	100% 'data base'!AD224
46613PR24	100% 'data base'!AD225
46613P8L3	100% 'data base'!AD226
46613PR57	100% 'data base'!AD227
46613PR57	100% 'data base'!AD228
46613P8M1	100% 'data base'!AD229
46613P8M1	100% 'data base'!AD230
46613PR65	100% 'data base'!AD231
46613PR65	100% 'data base'!AD232
46613PR65	100% 'data base'!AD233
46613PR99	100% 'data base'!AD234
46613PCD8	100% 'data base'!AD235
46613PS23	100% 'data base'!AD236
46613PCE6	100% 'data base'!AD237
46613PS31	100% 'data base'!AD238
46613PS31	100% 'data base'!AD239
46613PS31	100% 'data base'!AD240
46613PS31	100% 'data base'!AD241
46613PS31	100% 'data base'!AD242
46613PCF3	100% 'data base'!AD243
46613PCF3	100% 'data base'!AD244
46613P2Y1	100% 'data base'!AD245
46613P2Y1	100% 'data base'!AD246
46613P2Y1	100% 'data base'!AD247
46613P2Y1	100% 'data base'!AD248
46613PT89	100% 'data base'!AD249
46613PT97	100% 'data base'!AD250
46613PU20	100% 'data base'!AD251
46613PU38	100% 'data base'!AD252
46613PU46	100% 'data base'!AD253
46613PAF5	100% 'data base'!AD254
46613PAG3	100% 'data base'!AD255
46613PAH1	100% 'data base'!AD256
46613PAJ7	100% 'data base'!AD257
46613PAK4	100% 'data base'!AD258
46613PV60	100% 'data base'!AD259
46613PV78	100% 'data base'!AD260
46613PW85	100% 'data base'!AD261

46613PV86	100% 'data base'!AD262
46613PW93	100% 'data base'!AD263
46613PV94	100% 'data base'!AD264
46613PX27	100% 'data base'!AD265
46613PCQ9	100% 'data base'!AD266
46613PX35	100% 'data base'!AD267
46613PCR7	100% 'data base'!AD268
46613PCS5	100% 'data base'!AD269
46613PCT3	100% 'data base'!AD270
46613PCU0	100% 'data base'!AD271
46613PCV8	100% 'data base'!AD272
46613PCW6	100% 'data base'!AD273
46613PCX4	100% 'data base'!AD274
46613PY26	100% 'data base'!AD275
46613P2Q8	100% 'data base'!AD276
46613PY34	100% 'data base'!AD277
46613P2R6	100% 'data base'!AD278
46613PY42	100% 'data base'!AD279
46613PY59	100% 'data base'!AD280
46613PY67	100% 'data base'!AD281
46613PY75	100% 'data base'!AD282
46613P2D7	100% 'data base'!AD283
46613PBF4	100% 'data base'!AD284
46613P2E5	100% 'data base'!AD285
46613PBG2	100% 'data base'!AD286
46613PBA5	100% 'data base'!AD287
46613PBH0	100% 'data base'!AD288
46613PBB3	100% 'data base'!AD289
46613PBJ6	100% 'data base'!AD290
46613PBC1	100% 'data base'!AD291
46613PBK3	100% 'data base'!AD292
46613PBD9	100% 'data base'!AD293
46613PBL1	100% 'data base'!AD294
46613PBE7	100% 'data base'!AD295
46613PBM9	100% 'data base'!AD296
46613P2L9	100% 'data base'!AD297
46613PZ74	100% 'data base'!AD298
46613P2S4	100% 'data base'!AD299
46613PZ82	100% 'data base'!AD300
46613P2T2	100% 'data base'!AD301
46613PZ90	100% 'data base'!AD302
46613P2U9	100% 'data base'!AD303
46613P2A3	100% 'data base'!AD304
46613P2V7	100% 'data base'!AD305
46613P2W5	100% 'data base'!AD306
46613PAZ1	100% 'data base'!AD307

46613PAZ1	100% 'data base'!AD308
46613P2C9	100% 'data base'!AD309
46613P2C9	100% 'data base'!AD310
46613P2C9	100% 'data base'!AD311
46613P2C9	100% 'data base'!AD312
46613P2M7	100% 'data base'!AD313
46613P2M7	100% 'data base'!AD314
46613P2M7	100% 'data base'!AD315
46613P2Z8	100% 'data base'!AD316
46613P3A2	100% 'data base'!AD317
46613P3B0	100% 'data base'!AD318
46613P3C8	100% 'data base'!AD319
46613P3D6	100% 'data base'!AD320
46613P3E4	100% 'data base'!AD321
46613P3F1	100% 'data base'!AD322
46613P3G9	100% 'data base'!AD323
46613P3H7	100% 'data base'!AD324
46613P3J3	100% 'data base'!AD325
46613P3K0	100% 'data base'!AD326
46613P3L8	100% 'data base'!AD327
46613P3M6	100% 'data base'!AD328
46613P3N4	100% 'data base'!AD329
46613P3Q7	100% 'data base'!AD330
46613P3S3	100% 'data base'!AD331
46613P3V6	100% 'data base'!AD332
46613P3W4	100% 'data base'!AD333
46613P3W4	100% 'data base'!AD334
46613P3W4	100% 'data base'!AD335
46613P3X2	100% 'data base'!AD336
46613P3X2	100% 'data base'!AD337
46613P3P9	100% 'data base'!AD338
46613P3R5	100% 'data base'!AD339
46613P3T1	100% 'data base'!AD340
46613P3U8	100% 'data base'!AD341
46613P4P8	100% 'data base'!AD342
46613P3Y0	100% 'data base'!AD343
46613P3Z7	100% 'data base'!AD344
46613P4A1	100% 'data base'!AD345
46613P4B9	100% 'data base'!AD346
46613P4D5	100% 'data base'!AD347
46613P4C7	100% 'data base'!AD348
46613P4E3	100% 'data base'!AD349
46613P4F0	100% 'data base'!AD350
46613P4G8	100% 'data base'!AD351
46613P4H6	100% 'data base'!AD352
46613P4J2	100% 'data base'!AD353

46613P4K9	100% 'data base'!AD354
46613P4L7	100% 'data base'!AD355
46613P4M5	100% 'data base'!AD356
46613P4N3	100% 'data base'!AD357
46615MAH4	100% 'data base'!AD358
46615MAJ0	100% 'data base'!AD359
46615MAK7	100% 'data base'!AD360
46615MAL5	100% 'data base'!AD361
46615MAM3	100% 'data base'!AD362
46615MAN1	100% 'data base'!AD363
46615MAP6	100% 'data base'!AD364
46615MAQ4	100% 'data base'!AD365
46615MAR2	100% 'data base'!AD366
46615MAS0	100% 'data base'!AD367
46615MAS0	100% 'data base'!AD368
46615MAS0	100% 'data base'!AD369
46615MAS0	100% 'data base'!AD370
46615MAT8	100% 'data base'!AD371
46615MAT8	100% 'data base'!AD372
46615MAT8	100% 'data base'!AD373
46615MAT8	100% 'data base'!AD374
46613QEH3	100% 'data base'!AD375
46613QEZ3	100% 'data base'!AD376
46613QEZ3	100% 'data base'!AD377
46613QEZ3	100% 'data base'!AD378
46613QEZ3	100% 'data base'!AD379
46613Q GD0	100% 'data base'!AD380
46613Q GE8	100% 'data base'!AD381
46613Q GF5	100% 'data base'!AD382
46613Q GG3	100% 'data base'!AD383
46613Q GH1	100% 'data base'!AD384
46613Q GJ7	100% 'data base'!AD385
46613Q GK4	100% 'data base'!AD386
46613Q GL2	100% 'data base'!AD387
46613Q GM0	100% 'data base'!AD388
46613Q GN8	100% 'data base'!AD389
46613Q GP3	100% 'data base'!AD390
46613QHP2	100% 'data base'!AD391
46613QJB1	100% 'data base'!AD392
46613QHR8	100% 'data base'!AD393
46613QJC9	100% 'data base'!AD394
46613QHS6	100% 'data base'!AD395
46613QJD7	100% 'data base'!AD396
46613QHT4	100% 'data base'!AD397
46613QJE5	100% 'data base'!AD398
46613QHU1	100% 'data base'!AD399

46613QJF2	100% 'data base'!AD400
46613QHV9	100% 'data base'!AD401
46613QHW7	100% 'data base'!AD402
46613QHX5	100% 'data base'!AD403
46613QHY3	100% 'data base'!AD404
46613QHZ0	100% 'data base'!AD405
46613QJA3	100% 'data base'!AD406
46613QJA3	100% 'data base'!AD407
46613QJA3	100% 'data base'!AD408
46613QJA3	100% 'data base'!AD409
46613QJT2	100% 'data base'!AD410
46613QJU9	100% 'data base'!AD411
46613QJV7	100% 'data base'!AD412
46613QJW5	100% 'data base'!AD413
46613QJX3	100% 'data base'!AD414
46613QJY1	100% 'data base'!AD415
46613QJZ8	100% 'data base'!AD416
46613QKA1	100% 'data base'!AD417
46613QKB9	100% 'data base'!AD418
46613QKC7	100% 'data base'!AD419
46613QKD5	100% 'data base'!AD420
46613QKE3	100% 'data base'!AD421
46613QKF0	100% 'data base'!AD422
46613QKG8	100% 'data base'!AD423
46613QKH6	100% 'data base'!AD424
46613QKQ6	100% 'data base'!AD425
46613QKR4	100% 'data base'!AD426
46613QKS2	100% 'data base'!AD427
46613QKT0	100% 'data base'!AD428
46613QKU7	100% 'data base'!AD429
46613QKV5	100% 'data base'!AD430
46613QKW3	100% 'data base'!AD431
46613QKX1	100% 'data base'!AD432
46613QKY9	100% 'data base'!AD433
46613QKZ6	100% 'data base'!AD434
46613QLA0	100% 'data base'!AD435
46613QLB8	100% 'data base'!AD436
46613QLC6	100% 'data base'!AD437
46613QLD4	100% 'data base'!AD438
46613QLE2	100% 'data base'!AD439
46613QLG7	100% 'data base'!AD440
46613QLF9	100% 'data base'!AD441
46613QLF9	100% 'data base'!AD442
46613QLF9	100% 'data base'!AD443
46613QLF9	100% 'data base'!AD444
46613QLF9	100% 'data base'!AD445

46613CK79	100% 'data base'!AD446
46613CK79	100% 'data base'!AD447
46613CK79	100% 'data base'!AD448
46613CK79	100% 'data base'!AD449
46613CK79	100% 'data base'!AD450
46613CK79	100% 'data base'!AD451
46613CK79	100% 'data base'!AD452
46613CK79	100% 'data base'!AD453
46613CK79	100% 'data base'!AD454
46613CK79	100% 'data base'!AD455
46613CK79	100% 'data base'!AD456
46613CK79	100% 'data base'!AD457
46615X	100% 'data base'!AD458
46615X	100% 'data base'!AD459
46615X	100% 'data base'!AD460
46615X	100% 'data base'!AD461
46615X	100% 'data base'!AD462
46615Y	100% 'data base'!AD463
46615Y	100% 'data base'!AD464
46615Y	100% 'data base'!AD465
46615Y	100% 'data base'!AD466
46615Y	100% 'data base'!AD467
46613CEN1	100% 'data base'!AD468
46613CFQ3	100% 'data base'!AD469
46613CMK8	100% 'data base'!AD470
46613CMK8	100% 'data base'!AD471
46613CMK8	100% 'data base'!AD472
46613CMK8	100% 'data base'!AD473
46613CMK8	100% 'data base'!AD474
46613CMK8	100% 'data base'!AD475
46613CMK8	100% 'data base'!AD476
46613CMK8	100% 'data base'!AD477
46613CMK8	100% 'data base'!AD478
46613CMK8	100% 'data base'!AD479
46613CZV0	100% 'data base'!AD480
46613CZV0	100% 'data base'!AD481
46613CZV0	100% 'data base'!AD482
46613CZV0	100% 'data base'!AD483
46613CZV0	100% 'data base'!AD484
46613CZV0	100% 'data base'!AD485
46613CZV0	100% 'data base'!AD486
46613CZV0	100% 'data base'!AD487
46613CZV0	100% 'data base'!AD488
46613CZV0	100% 'data base'!AD489
46613CZV0	100% 'data base'!AD490
46613CZV0	100% 'data base'!AD491

46613CZV0	100% 'data base'!AD492
46613CZV0	100% 'data base'!AD493
46613CZV0	100% 'data base'!AD494
46613CZV0	100% 'data base'!AD495
46613CZV0	100% 'data base'!AD496
46613CZV0	100% 'data base'!AD497
46613CZV0	100% 'data base'!AD498
46613CZV0	100% 'data base'!AD499
46613CZV0	100% 'data base'!AD500
46613CZV0	100% 'data base'!AD501
46613CZV0	100% 'data base'!AD502
46613CMS1	100% 'data base'!AD503
46613CMS1	100% 'data base'!AD504
46613CMS1	100% 'data base'!AD505
46613CMS1	100% 'data base'!AD506
46613CMS1	100% 'data base'!AD507
46613CMS1	100% 'data base'!AD508
46613CMS1	100% 'data base'!AD509
46613CMS1	100% 'data base'!AD510
46613CMS1	100% 'data base'!AD511
46613CMS1	100% 'data base'!AD512
46613CMS1	100% 'data base'!AD513
46613CMS1	100% 'data base'!AD514
46613CMS1	100% 'data base'!AD515
46613CMS1	100% 'data base'!AD516
46613CMS1	100% 'data base'!AD517
46613CMS1	100% 'data base'!AD518
46613CMT9	100% 'data base'!AD519
46613CMT9	100% 'data base'!AD520
46613CMT9	100% 'data base'!AD521
46613CMT9	100% 'data base'!AD522
46613CMT9	100% 'data base'!AD523
46613CMT9	100% 'data base'!AD524
46613CMT9	100% 'data base'!AD525
46613CMT9	100% 'data base'!AD526
46613CMT9	100% 'data base'!AD527
46613CMT9	100% 'data base'!AD528
46613CMT9	100% 'data base'!AD529
46613CMT9	100% 'data base'!AD530
46613CMT9	100% 'data base'!AD531
46613CW50	100% 'data base'!AD532
46613CW50	100% 'data base'!AD533
46613CW50	100% 'data base'!AD534
46613CW50	100% 'data base'!AD535
46613CW50	100% 'data base'!AD536
46613CW50	100% 'data base'!AD537

46613CW50	100% 'data base'!AD538
46613CW50	100% 'data base'!AD539
46613CW50	100% 'data base'!AD540
46613CW50	100% 'data base'!AD541
46613CW50	100% 'data base'!AD542
46613CW50	100% 'data base'!AD543
46613CW50	100% 'data base'!AD544
46613CW50	100% 'data base'!AD545
46613CW50	100% 'data base'!AD546
46613CW50	100% 'data base'!AD547
46613CW50	100% 'data base'!AD548
46613CW50	100% 'data base'!AD549
46613CW50	100% 'data base'!AD550
46613CMM4	100% 'data base'!AD551
46613CMM4	100% 'data base'!AD552
46613CMM4	100% 'data base'!AD553
46613CMM4	100% 'data base'!AD554
46613CMM4	100% 'data base'!AD555
46613CMM4	100% 'data base'!AD556
46613CMM4	100% 'data base'!AD557
46613CMM4	100% 'data base'!AD558
46613CMM4	100% 'data base'!AD559
46613CMM4	100% 'data base'!AD560
46613CMM4	100% 'data base'!AD561
46613CMN2	100% 'data base'!AD562
46613CMN2	100% 'data base'!AD563
46613CMN2	100% 'data base'!AD564
46613CMN2	100% 'data base'!AD565
46613CMN2	100% 'data base'!AD566
46613CMN2	100% 'data base'!AD567
46613CMN2	100% 'data base'!AD568
46613CMN2	100% 'data base'!AD569
46613CMN2	100% 'data base'!AD570
46613CMN2	100% 'data base'!AD571
46613CMN2	100% 'data base'!AD572
46613CMP7	100% 'data base'!AD573
46613CMP7	100% 'data base'!AD574
46613CMP7	100% 'data base'!AD575
46613CMP7	100% 'data base'!AD576
46613CMP7	100% 'data base'!AD577
46613CMP7	100% 'data base'!AD578
46613CMP7	100% 'data base'!AD579
46613CMP7	100% 'data base'!AD580
46613CMP7	100% 'data base'!AD581
46613CMV4	100% 'data base'!AD582
46613CMV4	100% 'data base'!AD583

46613CMV4	100% 'data base'!AD584
46613CMV4	100% 'data base'!AD585
46613CMV4	100% 'data base'!AD586
46613CMV4	100% 'data base'!AD587
46613CMV4	100% 'data base'!AD588
46613CMV4	100% 'data base'!AD589
46613CMV4	100% 'data base'!AD590
46613CMV4	100% 'data base'!AD591
46613CMV4	100% 'data base'!AD592
46613CMV4	100% 'data base'!AD593
46613CMV4	100% 'data base'!AD594
46613CMV4	100% 'data base'!AD595
46613CMV4	100% 'data base'!AD596
46613CZW8	100% 'data base'!AD597
46613CZW8	100% 'data base'!AD598
46613CZW8	100% 'data base'!AD599
46613CZW8	100% 'data base'!AD600
46613CZW8	100% 'data base'!AD601
46613CZW8	100% 'data base'!AD602
46613CZW8	100% 'data base'!AD603
46613CZW8	100% 'data base'!AD604
46613CZW8	100% 'data base'!AD605
46613CZW8	100% 'data base'!AD606
46613CZW8	100% 'data base'!AD607
46613CZW8	100% 'data base'!AD608
46613CZW8	100% 'data base'!AD609
46613CZW8	100% 'data base'!AD610
46613CZW8	100% 'data base'!AD611
46613CZW8	100% 'data base'!AD612
46613CZW8	100% 'data base'!AD613
46613CZW8	100% 'data base'!AD614
46613CZW8	100% 'data base'!AD615
46613CUL7	100% 'data base'!AD616
46613CVU6	100% 'data base'!AD617
46613CVW2	100% 'data base'!AD618
46613CVW2	100% 'data base'!AD619
46613CVW2	100% 'data base'!AD620
46613CVW2	100% 'data base'!AD621
46613CVW2	100% 'data base'!AD622
46613CVW2	100% 'data base'!AD623
46613CVW2	100% 'data base'!AD624
46613CVW2	100% 'data base'!AD625
46613CVW2	100% 'data base'!AD626
46613CVW2	100% 'data base'!AD627
46613CVW2	100% 'data base'!AD628
46613CVW2	100% 'data base'!AD629

46613CWC5		100%	'data base'!AD630
46613CWD3		100%	'data base'!AD631
46613CWE1		100%	'data base'!AD632
46613CWF8		100%	'data base'!AD633
46613CWH4		100%	'data base'!AD634
	#REF!	#REF!	'data base'!#REF!
	#REF!	#REF!	'data base'!#REF!
	#REF!	#REF!	'data base'!#REF!
	#REF!	#REF!	'data base'!#REF!
46613CWG6		100%	'data base'!AD635
46613CWG6		100%	'data base'!AD636
46613CWG6		100%	'data base'!AD637
46613CWG6		100%	'data base'!AD638
46613CWG6		100%	'data base'!AD639
46613CWG6		100%	'data base'!AD640
46613CWG6		100%	'data base'!AD641
46613CWG6		100%	'data base'!AD642
46613CWG6		100%	'data base'!AD643
46613CWG6		100%	'data base'!AD644
46613CWL5		100%	'data base'!AD645
46613CWM3		100%	'data base'!AD646
46613CWP6		100%	'data base'!AD647
46613CXR1		100%	'data base'!AD648
46613CXS9		100%	'data base'!AD649
46613SGR5		100%	'data base'!AD650
46613SGS3		100%	'data base'!AD651
46613CZQ1		100%	'data base'!AD652
46613CZR9		100%	'data base'!AD653
46613SFS4		100%	'data base'!AD654
46613SLC2		100%	'data base'!AD655
46613CC86		100%	'data base'!AD656
46613CG25		100%	'data base'!AD657
46613SGU8		100%	'data base'!AD658
46613CJ30		100%	'data base'!AD659
46613CJ30		100%	'data base'!AD660
46613CJ30		100%	'data base'!AD661
46613CJ22		100%	'data base'!AD662
46613CJ22		100%	'data base'!AD663
46613CJ22		100%	'data base'!AD664
46613CJ22		100%	'data base'!AD665
46613CJ22		100%	'data base'!AD666
46613CJ22		100%	'data base'!AD667
46613CJ22		100%	'data base'!AD668
46613CJ22		100%	'data base'!AD669
46613CJ22		100%	'data base'!AD670
46613CJ22		100%	'data base'!AD671

46613CJ55		100%	'data base'!AD672
46613CJ63		100%	'data base'!AD673
46613CJ71		100%	'data base'!AD674
46613CJ97		100%	'data base'!AD675
46613CK20		100%	'data base'!AD676
46613CK38		100%	'data base'!AD677
46613CJ89		100%	'data base'!AD678
46613CJ89		100%	'data base'!AD679
46613CJ89		100%	'data base'!AD680
46613CJ89		100%	'data base'!AD681
46613SHF0		100%	'data base'!AD682
46613SHG8		100%	'data base'!AD683
46613SHH6		100%	'data base'!AD684
	#REF!	#REF!	'data base'!#REF!
	#REF!	#REF!	'data base'!#REF!
	#REF!	#REF!	'data base'!#REF!
	#REF!	#REF!	'data base'!#REF!
	#REF!	#REF!	'data base'!#REF!
	#REF!	#REF!	'data base'!#REF!
	#REF!	#REF!	'data base'!#REF!
	#REF!	#REF!	'data base'!#REF!
	#REF!	#REF!	'data base'!#REF!
	#REF!	#REF!	'data base'!#REF!
	#REF!	#REF!	'data base'!#REF!
	#REF!	#REF!	'data base'!#REF!
	#REF!	#REF!	'data base'!#REF!
	#REF!	#REF!	'data base'!#REF!
	#REF!	#REF!	'data base'!#REF!
46613SHJ2		100%	'data base'!AD685
	#REF!	#REF!	'data base'!#REF!
	#REF!	#REF!	'data base'!#REF!
	#REF!	#REF!	'data base'!#REF!
	#REF!	#REF!	'data base'!#REF!
	#REF!	#REF!	'data base'!#REF!
	#REF!	#REF!	'data base'!#REF!
	#REF!	#REF!	'data base'!#REF!
	#REF!	#REF!	'data base'!#REF!
46613SHL7		100%	'data base'!AD686
46613SHM5		100%	'data base'!AD687
46613SHP8		100%	'data base'!AD688
46613SHK9		100%	'data base'!AD689
46613CP66		100%	'data base'!AD690
46613SHN3		100%	'data base'!AD691
46613SHQ6		100%	'data base'!AD692
46613CQ24		100%	'data base'!AD693
46613CL78		100%	'data base'!AD694

46613CL86		100%	'data base'!AD695
46613CL94		100%	'data base'!AD696
46613SLJ7		100%	'data base'!AD697
46613SLK4		100%	'data base'!AD698
	#REF!	#REF!	'data base'!#REF!
	#REF!	#REF!	'data base'!#REF!
	#REF!	#REF!	'data base'!#REF!
46613SLL2		100%	'data base'!AD699
46613SLM0		100%	'data base'!AD700
46613SLN8		100%	'data base'!AD701
46613CN27		100%	'data base'!AD702
46613CN35		100%	'data base'!AD703
46613CN43		100%	'data base'!AD704
46613CN50		100%	'data base'!AD705
46613CN68		100%	'data base'!AD706
46613CN68		100%	'data base'!AD707
46613CR49		100%	'data base'!AD708
46613CR56		100%	'data base'!AD709
46613SLU2		100%	'data base'!AD710
46613SLV0		100%	'data base'!AD711
46613CS63		100%	'data base'!AD712
46613SLW8		100%	'data base'!AD713
46613SLX6		100%	'data base'!AD714
46613CS97		100%	'data base'!AD715
46613CT21		100%	'data base'!AD716
46613SLY4		100%	'data base'!AD717
46613SLY4		100%	'data base'!AD718
46613CT54		100%	'data base'!AD719
46613CT54		100%	'data base'!AD720
46613CT54		100%	'data base'!AD721
46613CT39		100%	'data base'!AD722
46613CT39		100%	'data base'!AD723
46613CT39		100%	'data base'!AD724
46613CU37		100%	'data base'!AD725
46613CU94		100%	'data base'!AD726
46613CV28		100%	'data base'!AD727
46613CV36		100%	'data base'!AD728
46613CV44		100%	'data base'!AD729
46613CV51		100%	'data base'!AD730
46613CV69		100%	'data base'!AD731
46613CW35		100%	'data base'!AD732
46613CW35		100%	'data base'!AD733
46613CW35		100%	'data base'!AD734
46613CV77		100%	'data base'!AD735
46613CV77		100%	'data base'!AD736
46613CV77		100%	'data base'!AD737

46613SHT0		100%	'data base'!AD738
46613SHT0		100%	'data base'!AD739
46613SHT0		100%	'data base'!AD740
	#REF!	#REF!	'data base'!#REF!
46613CV93		100%	'data base'!AD741
	#REF!	#REF!	'data base'!#REF!
46613CV93		100%	'data base'!AD742
46613CV93		100%	'data base'!AD743
46613CV93		100%	'data base'!AD744
46613SHU7		100%	'data base'!AD745
46613SHU7		100%	'data base'!AD746
46613SHU7		100%	'data base'!AD747
46613SHU7		100%	'data base'!AD748
46613CW84		100%	'data base'!AD749
46613CW92		100%	'data base'!AD750
46613CX26		100%	'data base'!AD751
46613CX34		100%	'data base'!AD752
46613CX42		100%	'data base'!AD753
46613SME7		100%	'data base'!AD754
46613SMF4		100%	'data base'!AD755
46613SMG2		100%	'data base'!AD756
	#REF!	#REF!	'data base'!#REF!
46613SMH0		100%	'data base'!AD757
46613CY25		100%	'data base'!AD758
46613SMJ6		100%	'data base'!AD759
46613CY41		100%	'data base'!AD760
46613CZ24		100%	'data base'!AD761
46613C2C8		100%	'data base'!AD762
46613CZ32		100%	'data base'!AD763
46613CZ40		100%	'data base'!AD764
46613C2A2		100%	'data base'!AD765
46613C2B0		100%	'data base'!AD766
46613C2F1		100%	'data base'!AD767
46613SJB7		100%	'data base'!AD768
46613SHZ6		100%	'data base'!AD769
46613SJC5		100%	'data base'!AD770
46613SJA9		100%	'data base'!AD771
46613C2M6		100%	'data base'!AD772
46613C2N4		100%	'data base'!AD773
46613C2P9		100%	'data base'!AD774
46613C2Q7		100%	'data base'!AD775
46613C2R5		100%	'data base'!AD776
46613SMM9		100%	'data base'!AD777
46613SMN7		100%	'data base'!AD778
46613C3A1		100%	'data base'!AD779
46613C3B9		100%	'data base'!AD780

46613C3C7	100% 'data base'!AD781
46613C3D5	100% 'data base'!AD782
46613C3E3	100% 'data base'!AD783
46613C3F0	100% 'data base'!AD784
46613C3G8	100% 'data base'!AD785
46613C3G8	100% 'data base'!AD786
46613C3G8	100% 'data base'!AD787
46613C3G8	100% 'data base'!AD788
46613C3G8	100% 'data base'!AD789
46613C3H6	100% 'data base'!AD790
46613C3H6	100% 'data base'!AD791
46613C3H6	100% 'data base'!AD792
46613C3H6	100% 'data base'!AD793
46613C3H6	100% 'data base'!AD794
46613C3M5	100% 'data base'!AD795
46613C3N3	100% 'data base'!AD796
46613C4C6	100% 'data base'!AD797
46613C4D4	100% 'data base'!AD798
46613C4E2	100% 'data base'!AD799
46613C3U7	100% 'data base'!AD800
46613C4F9	100% 'data base'!AD801
46613C3V5	100% 'data base'!AD802
46613C3W3	100% 'data base'!AD803
46613C4G7	100% 'data base'!AD804
46613C3X1	100% 'data base'!AD805
46613C4H5	100% 'data base'!AD806
46613C3Y9	100% 'data base'!AD807
46613C4J1	100% 'data base'!AD808
46613C3Z6	100% 'data base'!AD809
46613C4K8	100% 'data base'!AD810
46613C4K8	100% 'data base'!AD811
46613C4A0	100% 'data base'!AD812
46613C4L6	100% 'data base'!AD813
46613C4L6	100% 'data base'!AD814
46613C4L6	100% 'data base'!AD815
46613C4L6	100% 'data base'!AD816
46613C4B8	100% 'data base'!AD817
46613C4B8	100% 'data base'!AD818
46613C4B8	100% 'data base'!AD819
46613C4B8	100% 'data base'!AD820
46613C4B8	100% 'data base'!AD821
46613C5J0	100% 'data base'!AD822
46613C5K7	100% 'data base'!AD823
46613C5L5	100% 'data base'!AD824
46613C5M3	100% 'data base'!AD825
46613C5N1	100% 'data base'!AD826

46613C5P6	100% 'data base'!AD827
46613SJK7	100% 'data base'!AD828
46613SJL5	100% 'data base'!AD829
46613SJM3	100% 'data base'!AD830
46613SJN1	100% 'data base'!AD831
46613SJP6	100% 'data base'!AD832
46613SJQ4	100% 'data base'!AD833
46613SJQ4	100% 'data base'!AD834
46613C6A8	100% 'data base'!AD835
46613C6B6	100% 'data base'!AD836
46613C6U4	100% 'data base'!AD837
46613C6V2	100% 'data base'!AD838
46613C6W0	100% 'data base'!AD839
46613C6X8	100% 'data base'!AD840
46613SNS5	100% 'data base'!AD841
46613SNF3	100% 'data base'!AD842
46613SNT3	100% 'data base'!AD843
46613SNG1	100% 'data base'!AD844
46613SNU0	100% 'data base'!AD845
46613SNH9	100% 'data base'!AD846
46613SNV8	100% 'data base'!AD847
46613SNW6	100% 'data base'!AD848
46613SNJ5	100% 'data base'!AD849
46613SNK2	100% 'data base'!AD850
46613SNL0	100% 'data base'!AD851
46613SNM8	100% 'data base'!AD852
46613SNN6	100% 'data base'!AD853
46613SNP1	100% 'data base'!AD854
46613SNQ9	100% 'data base'!AD855
46613SNR7	100% 'data base'!AD856
46613SAE0	100% 'data base'!AD857
46613SAF7	100% 'data base'!AD858
46613SKB5	100% 'data base'!AD859
46613SKC3	100% 'data base'!AD860
46613SKD1	100% 'data base'!AD861
46613SKE9	100% 'data base'!AD862
46613SKF6	100% 'data base'!AD863
46613SKG4	100% 'data base'!AD864
46613SKH2	100% 'data base'!AD865
46613SKJ8	100% 'data base'!AD866
46613SKK5	100% 'data base'!AD867
46613SKL3	100% 'data base'!AD868
46613SBB5	100% 'data base'!AD869
46613SBC3	100% 'data base'!AD870
46613SBW9	100% 'data base'!AD871
46613SBV1	100% 'data base'!AD872

46613SBD1	100% 'data base'!AD873
46613SBE9	100% 'data base'!AD874
46613SBF6	100% 'data base'!AD875
46613SPK0	100% 'data base'!AD876
46613SPL8	100% 'data base'!AD877
46613SPM6	100% 'data base'!AD878
46613SPN4	100% 'data base'!AD879
46613SPP9	100% 'data base'!AD880
46613SPQ7	100% 'data base'!AD881
46613SPR5	100% 'data base'!AD882
46613SPS3	100% 'data base'!AD883
46613SPT1	100% 'data base'!AD884
46613SPU8	100% 'data base'!AD885
46613SPV6	100% 'data base'!AD886
46613SPV6	100% 'data base'!AD887
46613SPW4	100% 'data base'!AD888
46613SPW4	100% 'data base'!AD889
46613SPW4	100% 'data base'!AD890
46613SCD0	100% 'data base'!AD891
46613SCE8	100% 'data base'!AD892
46613SCF5	100% 'data base'!AD893
46613SCG3	100% 'data base'!AD894
46613SCH1	100% 'data base'!AD895
46613SCJ7	100% 'data base'!AD896
46613SCL2	100% 'data base'!AD897
46613SKR0	100% 'data base'!AD898
46613SKS8	100% 'data base'!AD899
46613SKT6	100% 'data base'!AD900
46613SKU3	100% 'data base'!AD901
46613SCR9	100% 'data base'!AD902
46613SCS7	100% 'data base'!AD903
46613SCT5	100% 'data base'!AD904
46613SCU2	100% 'data base'!AD905
46613SCV0	100% 'data base'!AD906
46613SCW8	100% 'data base'!AD907
46613SCW8	100% 'data base'!AD908
46613SCW8	100% 'data base'!AD909
46613SCW8	100% 'data base'!AD910
46613SCW8	100% 'data base'!AD911
46613SCZ1	100% 'data base'!AD912
46613SDA5	100% 'data base'!AD913
46613SKY5	100% 'data base'!AD914
46613SKZ2	100% 'data base'!AD915
46613SDD9	100% 'data base'!AD916
46613SLA6	100% 'data base'!AD917
46613SDE7	100% 'data base'!AD918

46613SDG2	100% 'data base'!AD919
46613SDJ6	100% 'data base'!AD920
46613SDL1	100% 'data base'!AD921
46613SDN7	100% 'data base'!AD922
46613SDM9	100% 'data base'!AD923
46613SFT2	100% 'data base'!AD924
46613SFU9	100% 'data base'!AD925
46613SFV7	100% 'data base'!AD926
46613SFW5	100% 'data base'!AD927
46613SFX3	100% 'data base'!AD928
46613SFY1	100% 'data base'!AD929
46613SFZ8	100% 'data base'!AD930
46613SGA2	100% 'data base'!AD931
46613SGB0	100% 'data base'!AD932
46613SGC8	100% 'data base'!AD933
46613SGD6	100% 'data base'!AD934
46613SGE4	100% 'data base'!AD935
46613SGF1	100% 'data base'!AD936
46613SGG9	100% 'data base'!AD937
46613SGH7	100% 'data base'!AD938
46613SGJ3	100% 'data base'!AD939
46613SGK0	100% 'data base'!AD940
46613SGL8	100% 'data base'!AD941
46613SGM6	100% 'data base'!AD942
46613SGN4	100% 'data base'!AD943
472149BQ5	100% 'data base'!AD944
472149BR3	100% 'data base'!AD945
472149BS1	100% 'data base'!AD946
472149BT9	100% 'data base'!AD947
472149BU6	100% 'data base'!AD948
472149BV4	100% 'data base'!AD949
472149BW2	100% 'data base'!AD950
472149BX0	100% 'data base'!AD951
472149BY8	100% 'data base'!AD952
472149BZ5	100% 'data base'!AD953
472149CA9	100% 'data base'!AD954
472149CB7	100% 'data base'!AD955
472149CC5	100% 'data base'!AD956
472149CD3	100% 'data base'!AD957
472149CE1	100% 'data base'!AD958
472149CF8	100% 'data base'!AD959
472149CG6	100% 'data base'!AD960
472149CH4	100% 'data base'!AD961
472149CH4	100% 'data base'!AD962
472149CH4	100% 'data base'!AD963
472149CH4	100% 'data base'!AD964

472149BB8		100% 'data base'!AD965
472149BC6		100% 'data base'!AD966
472149BD4		100% 'data base'!AD967
472149BE2		100% 'data base'!AD968
472149BF9		100% 'data base'!AD969
472149BG7		100% 'data base'!AD970
472149BH5		100% 'data base'!AD971
472149BJ1		100% 'data base'!AD972
472149BK8		100% 'data base'!AD973
472149BK8		100% 'data base'!AD974
472149BK8		100% 'data base'!AD975
472149BK8		100% 'data base'!AD976
472149BK8		100% 'data base'!AD977
626207YF5		100% 'data base'!AD978
626207YH1		100% 'data base'!AD979
626207YJ7		100% 'data base'!AD980
626207YL2		100% 'data base'!AD981
626207YK4		100% 'data base'!AD982
626207H23		100% 'data base'!AD983
626207H31		100% 'data base'!AD984
	-	0% 'data base'!AD985
	-	0% 'data base'!AD986
	-	0% 'data base'!AD987
	-	0% 'data base'!AD988
	-	0% 'data base'!AD989
	-	0% 'data base'!AD990
	-	0% 'data base'!AD991
	-	0% 'data base'!AD992
	-	0% 'data base'!AD993
	-	0% 'data base'!AD994
	-	0% 'data base'!AD995
	-	0% 'data base'!AD996
	-	0% 'data base'!AD997
	-	0% 'data base'!AD998
	-	0% 'data base'!AD999
	-	0% 'data base'!AD1000
	-	0% 'data base'!AD1001
	-	0% 'data base'!AD1002
	-	0% 'data base'!AD1003
	-	0% 'data base'!AD1004
	-	0% 'data base'!AD1005
	-	0% 'data base'!AD1006
	-	0% 'data base'!AD1007
	-	0% 'data base'!AD1008
	-	0% 'data base'!AD1009
	-	0% 'data base'!AD1010

- 0% 'data base'!AD1011
- 0% 'data base'!AD1012
- 0% 'data base'!AD1013
- 0% 'data base'!AD1014
- 0% 'data base'!AD1015
- 0% 'data base'!AD1016
- 0% 'data base'!AD1017
- 0% 'data base'!AD1018
- 0% 'data base'!AD1019
- 0% 'data base'!AD1020
- 0% 'data base'!AD1021
- 0% 'data base'!AD1022
- 0% 'data base'!AD1023
- 0% 'data base'!AD1024
- 0% 'data base'!AD1025
- 0% 'data base'!AD1026
- 0% 'data base'!AD1027
- 0% 'data base'!AD1028
- 0% 'data base'!AD1029
- 0% 'data base'!AD1030
- 0% 'data base'!AD1031
- 0% 'data base'!AD1032
- 0% 'data base'!AD1033
- 0% 'data base'!AD1034
- 0% 'data base'!AD1035
- 0% 'data base'!AD1036
- 0% 'data base'!AD1037
- 0% 'data base'!AD1038
- 0% 'data base'!AD1039
- 0% 'data base'!AD1040
- 0% 'data base'!AD1041
- 0% 'data base'!AD1042
- 0% 'data base'!AD1043
- 0% 'data base'!AD1044
- 0% 'data base'!AD1045
- 0% 'data base'!AD1046
- 0% 'data base'!AD1047
- 0% 'data base'!AD1048
- 0% 'data base'!AD1049
- 0% 'data base'!AD1050
- 0% 'data base'!AD1051
- 0% 'data base'!AD1052
- 0% 'data base'!AD1053
- 0% 'data base'!AD1054
- 0% 'data base'!AD1055
- 0% 'data base'!AD1056

- 0% 'data base'!AD1057
- 0% 'data base'!AD1058
- 0% 'data base'!AD1059
- 0% 'data base'!AD1060
- 0% 'data base'!AD1061
- 0% 'data base'!AD1062
- 0% 'data base'!AD1063
- 0% 'data base'!AD1064
- 0% 'data base'!AD1065
- 0% 'data base'!AD1066
- 0% 'data base'!AD1067
- 0% 'data base'!AD1068
- 0% 'data base'!AD1069
- 0% 'data base'!AD1070
- 0% 'data base'!AD1071
- 0% 'data base'!AD1072
- 0% 'data base'!AD1073
- 0% 'data base'!AD1074
- 0% 'data base'!AD1075
- 0% 'data base'!AD1076
- 0% 'data base'!AD1077
- 0% 'data base'!AD1078
- 0% 'data base'!AD1079
- 0% 'data base'!AD1080
- 0% 'data base'!AD1081
- 0% 'data base'!AD1082
- 0% 'data base'!AD1083
- 0% 'data base'!AD1084
- 0% 'data base'!AD1085
- 0% 'data base'!AD1086
- 0% 'data base'!AD1087
- 0% 'data base'!AD1088
- 0% 'data base'!AD1089
- 0% 'data base'!AD1090
- 0% 'data base'!AD1091
- 0% 'data base'!AD1092
- 0% 'data base'!AD1093
- 0% 'data base'!AD1094
- 0% 'data base'!AD1095
- 0% 'data base'!AD1096
- 0% 'data base'!AD1097
- 0% 'data base'!AD1098
- 0% 'data base'!AD1099
- 0% 'data base'!AD1100
- 0% 'data base'!AD1101
- 0% 'data base'!AD1102

- 0% 'data base'!AD1103
- 0% 'data base'!AD1104
- 0% 'data base'!AD1105
- 0% 'data base'!AD1106
- 0% 'data base'!AD1107
- 0% 'data base'!AD1108
- 0% 'data base'!AD1109
- 0% 'data base'!AD1110
- 0% 'data base'!AD1111
- 0% 'data base'!AD1112
- 0% 'data base'!AD1113
- 0% 'data base'!AD1114
- 0% 'data base'!AD1115
- 0% 'data base'!AD1116
- 0% 'data base'!AD1117
- 0% 'data base'!AD1118
- 0% 'data base'!AD1119
- 0% 'data base'!AD1120
- 0% 'data base'!AD1121
- 0% 'data base'!AD1122
- 0% 'data base'!AD1123
- 0% 'data base'!AD1124
- 0% 'data base'!AD1125
- 0% 'data base'!AD1126
- 0% 'data base'!AD1127
- 0% 'data base'!AD1128
- 0% 'data base'!AD1129
- 0% 'data base'!AD1130
- 0% 'data base'!AD1131
- 0% 'data base'!AD1132
- 0% 'data base'!AD1133
- 0% 'data base'!AD1134
- 0% 'data base'!AD1135
- 0% 'data base'!AD1136
- 0% 'data base'!AD1137
- 0% 'data base'!AD1138
- 0% 'data base'!AD1139
- 0% 'data base'!AD1140
- 0% 'data base'!AD1141
- 0% 'data base'!AD1142
- 0% 'data base'!AD1143
- 0% 'data base'!AD1144
- 0% 'data base'!AD1145
- 0% 'data base'!AD1146
- 0% 'data base'!AD1147
- 0% 'data base'!AD1148

- 0% 'data base'!AD1149
- 0% 'data base'!AD1150
- 0% 'data base'!AD1151
- 0% 'data base'!AD1152
- 0% 'data base'!AD1153
- 0% 'data base'!AD1154
- 0% 'data base'!AD1155
- 0% 'data base'!AD1156
- 0% 'data base'!AD1157
- 0% 'data base'!AD1158
- 0% 'data base'!AD1159
- 0% 'data base'!AD1160
- 0% 'data base'!AD1161
- 0% 'data base'!AD1162
- 0% 'data base'!AD1163
- 0% 'data base'!AD1164
- 0% 'data base'!AD1165
- 0% 'data base'!AD1166
- 0% 'data base'!AD1167
- 0% 'data base'!AD1168
- 0% 'data base'!AD1169
- 0% 'data base'!AD1170
- 0% 'data base'!AD1171
- 0% 'data base'!AD1172
- 0% 'data base'!AD1173
- 0% 'data base'!AD1174
- 0% 'data base'!AD1175
- 0% 'data base'!AD1176
- 0% 'data base'!AD1177
- 0% 'data base'!AD1178
- 0% 'data base'!AD1179
- 0% 'data base'!AD1180
- 0% 'data base'!AD1181
- 0% 'data base'!AD1182
- 0% 'data base'!AD1183
- 0% 'data base'!AD1184
- 0% 'data base'!AD1185
- 0% 'data base'!AD1186
- 0% 'data base'!AD1187
- 0% 'data base'!AD1188
- 0% 'data base'!AD1189
- 0% 'data base'!AD1190
- 0% 'data base'!AD1191
- 0% 'data base'!AD1192
- 0% 'data base'!AD1193
- 0% 'data base'!AD1194

- 0% 'data base'!AD1195
- 0% 'data base'!AD1196
- 0% 'data base'!AD1197
- 0% 'data base'!AD1198
- 0% 'data base'!AD1199
- 0% 'data base'!AD1200
- 0% 'data base'!AD1201
- 0% 'data base'!AD1202
- 0% 'data base'!AD1203
- 0% 'data base'!AD1204

MODEL IS BASED ON PSC SYSTEM CAPACITY PLANNING ASSUMPTIONS
MPTIONS AND FORECAST DO NOT REPRESENT A MANAGEMENT CASE FORECAST FOR FINANCIAL PL

1	2	3	4
IRP CAP0503 FUEL0509 BUD0504			
2017			
0			
0			
0			
0			
0			
0			
0			
0			
0			
0			
0			
64			
$0.61			
26.5			
0.0475			
0.679			
0.025			
0.002			
0.04			
0.013			
0.02			
0.02			
0.02			
0.02			
$117,463,570.99			
$11,795,882.17			
0.221711232			
$26,042,993.08			
0.108033743			
$12,690,029.26			
0.089977171			
$10,569,039.86			
$5,000,000.00			
$919,528.34			
$8,442,782.18			

$1,226,099.97
$6,693,934.64
$1,182,574.21
$445,368.48
$1,348,422.02
$79,990,958.96
$91,471,795.00
$0.00
2047
50%
$115,822,950.00

$500,000.00
$4.00
$1.00
10/1/2018
10/1/2066
Yes
No
Yes

2046
2046
2031
2046
2046
2019
2019
2046
2046
2046
2046
0
0
0
0
0
0
0
0
0
0
0

0
0

0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0

$42,630,000.00
$9,214,000.00
$150,000,000.00
$60,000,000.00
$29,884,151.57

$40,000.00
$17,630.00
$0.00
$0.00
$0.00
$0.00
$0.00
$0.00
$0.00

$11,744.58
$14,327.36
$19,999.98
$24,194.21
$11,532.40
$1,020.45
$0.00
$0.00
$0.00

2017
2

	32.5
	32.5
	32.5
	32.5
	32.5
	32.5
	32.5
	32.5
	36
	36
	36
	36
	39.25
	39.25
	39.25
	39.25
	42.25
	42.25
	42.25
	42.25
	46
	46
	46
	46
	50.5
	50.5
	50.5
	50.5
	50.5
	50.5
12390324.26	
12628265.67	
12736367.5	
12816531.93	
12924754.98	
13044067.06	
13158545.3	
13267347.49	
13374469.16	
13481920.7	
13590287.6	
	0
	0
	0

0
0
0
0
0.0375
0.0375
0
0
0
0
0

0.01
0.01
0.01
0.01
0.01
0.01
0.01
0.01
0.01
0.01
0.01
0.01

190354526.2
312865100
264170746
284904000
357844000
245088000
225000000
225000000
225000000
225000000
225000000
225000000
225000000
225000000
225000000
225000000
225000000
225000000
225000000
225000000
225000000
225000000
225000000
225000000
225000000
225000000
225000000
225000000
225000000
225000000
225000000

$0.00
$0.00

$0.00
$0.00
$0.00
$0.00
$0.00
$0.00
$0.00
$0.00
$0.00
$0.00
$0.00
$0.00
$0.00
$0.00
$0.00
$0.00
$0.00
$0.00
$0.00
$0.00
$0.00
$0.00
$0.00
$0.00
$0.00
$0.00
$0.00
$0.00
$0.00

24432091.3
5849342.124
10669349
4013145.312
15560722.68
12104930.08
9639497.841
10397528.98
10343164.98
11609168.91
10818858.16
10561643.78
10746072.96
10815781.76
10910305.11
10770532.35
10760867.19

10800711.88
10811639.66
10810811.24
10790912.46
10794988.49
10801812.75
10802032.92
10800111.57
10797971.64
10799383.47
10800262.47
10799952.41
10799536.31

5500000
5500000
5500000
5500000
5500000
5500000
5500000
5500000
5500000
5500000
5500000
5500000
5500000
5500000
5500000
5500000
5500000
5500000
5500000
5500000
5500000
5500000
5500000
5500000
5500000
5500000
5500000
5500000
5500000
5500000
5500000

-4395310.236

2976287.645
2930882.953
2970359.11
3040086.765
3039547.813
3037476.797
3036834.281
3028862.438
3021214.469
3012015.016
2570149.219
2562825
2558028.125
1662412.5
1459500.781
1551207.813
1542418.75
1531568.75
1546475
500925
501150
0
0
0
0
0
0
0
0

0
0
0
0
-24595340
-24557927.5
-24506362.5
-18575370
0
0
0
0
0
0
0
0

11744583
14327360
19999980
34992314.13
101483924.7
151659675.4
163017039.5
166690392.3
165961607.2
167545121.8
172323908.8
171209169.6
172465165.8
178454257
177425484.9
178713334.2
183912066.6
182336711.7
176813901.4
170510192
162560545.5
156651001.3
150798088.2
134921484.4
60921120.88
0
0
0
0
0

11744583
14327360
19999980
31464781.03
77723091.26
115265683.9
123298518.8
123263428.4
122779240.9
123091426.7
123694583.2
124195168.2
124513389
124725023.2
125044792.7

125312572.3
125535136.4
125883712.3
118013530.2
105872769.1
100031762
93969850.43
84687551.86
72951902.01
0
0
0
0
0
0

0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0

7200000
7200000
7200000
7200000
7200000
7200000
7200000
7200000
7200000
7200000
7200000
7200000
7200000
7200000
7200000
7200000
7200000
7200000
7200000
7200000
7200000
7200000
7200000
7200000
7200000
7200000
7200000
7200000
7200000
7200000
7200000
7200000
7200000

4/6/2018
1
87578749.95
88914300
89321900
92797500
93988100

1
27007618.69
-1598215
0
0
0

1
27295625.75
37562000
30458400
32931100
30766400

1
0
0
0
0
8450000

1
4331121.88
623300
707400
699700
999500

1
151418753.8
146730704.1
143916520.8
144786105.8
153024564.6

1
2972536.65
218600
1119200
3926600
1555700

0
7216866.94
9118000
19645000
22350000
22504000

1
77469114.94
66905000

60833000
57105000
42640000

1
-1342218.85
-2220000
-2060000
-1944000
-1876000

1
40043160.91
40531871.67
39740925.83
39541294.21
35490446.83

1
13498168.7
14242550.38
14637478.73
15353320.99
15493804.5

1
11694140.17
11500000
11500000
11500000
11500000

1
0
0
0
0
0

1
-2931331.87
-610463.2
-855610.3
-1566520.25
-2040393.1

1
459221.2451
604002.5686
603998.3591
603998.3591
603998.3591

1
5807249.875
5362781.457
5324386.775
5435093.289
5370301.575

12351141.63
12552985.08
12552897.6
12552897.6
12552897.6

0.025
0.035
0.04
0.04
0.04
0.04
0.04
0.04
0.04
0.04
0.04
0.04
0.04
0.04
0.04
0.04
0.04
0.04
0.04
0.04
0.04
0.04
0.04
0.04
0.04
0.04

0.04
0.04
0.04
0.04
0.04
0.04

0.01
0.01
0.02
0.02
0.03
0.03
0.03
0.03
0.03
0.03
0.03
0.03
0.03
0.03
0.03
0.03
0.03
0.03
0.03
0.03
0.03
0.03
0.03
0.03
0.03
0.03
0.03
0.03
0.03
0.03
0.03

295835410.7
305186388.2
514171138.9
0
158610028.3
789849000
724115000
290174357.6

307296999.2
302026380.4
233769940.1

140763919.2
163749998.4
123324494.5
0
96553623.99
380156730.8
316950961.5
142886011.7
124366973.8
101178563.7
175540954.1

155071491.4
141436389.8
390846644.4
0
62056404.33
409692269.2
407164038.5
147288345.9
182930025.4
200847816.7
58228986

327500000
327500000
0
146000000
114000000
417000000
417000000
163000000
206000000
244000000
168000000

3775000
3250000
3500000
3250000
3200000
3475000

3600000
3000000
3000000
4350000
4350000
4350000
4350000
4350000
4350000
4350000
4350000
4350000
4350000
4350000
4350000
4350000
4350000
4350000
4350000
4350000
4350000
4350000
4350000

9260092.113
13435478.67
4497168.449
3298392.923
9521461.85
9715098.198
8125059.557
6847381.489
3945195.058
4215563.93
7286089.224
7088688.935
6454009.961
6649694.112
6984824.231
6731160.47
6432766.697
6263537.411
6205153.003
6431148.797
6652707.284

6589369.09
6539437.106
6547979.82
6537808.391
6493106.807
6469301.44
6472954.915
6493896.665
6522771.032

19815
20418
21096
21441
21744
22438
23290
23835
24434
22056.77778
22305.8642
22515.62689
22673.36321
22810.29245
22928.76939
22983.29932
22949.22147
22850.80163
22674.8907
22743.56992
22792.20389
22822.93467
22839.55372
22842.80497
22833.25337
22816.58159
22801.84383
22796.40407
22809.90556
0

19783
20492
21161
21460
22023

22514
23270
23816
24446
22107.22222
22365.46914
22573.63237
22730.59153
22871.76836
22966.07596
23016.30662
22988.11847
22896.13163
22723.92403
22792.44646
22839.88838
22869.47238
22884.90359
22886.36306
22877.50607
22862.08378
22848.07993
22842.74085
22855.94272
0

11021
11244
11641
11820
12283
12510
12934
13129
13472
12228.22222
12362.35802
12486.62003
12580.57781
12665.08645
12707.5405
12729.48945
12706.76605
12659.85117
12569.61241
12607.54466

12634.78762
12651.25068
12659.10322
12658.43842
12652.98263
12644.48187
12637.56141
12635.08477
12642.35947
0

1248
1280
1315
1344
1378
1412
1452
1484
1521
1381.555556
1396.395062
1409.327846
1419.808718
1428.231909
1433.813232
1436.236925
1434.485472
1428.983858
1418.759842
1422.893652
1425.837939
1427.672394
1428.546136
1428.58105
1427.999696
1427.084449
1426.262113
1425.959697
1426.759681
1427.189239

8248
8291
8243
8844

10767
11169
10190
12723
10147
9846.888889
10024.54321
10217.15912
10436.51014
10613.45571
10596.39523
10532.77248
10570.85831
10331.73145
10352.25717
10408.4092
10451.06098
10477.05007
10481.55451
10466.89882
10452.51033
10443.59232
10429.45165
10440.30945
10450.09304
10454.72457

3125
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0

0
0
0
0
0
0
0
0
0
0
0
0

3125
0
0
0
0
0
0
0
0
0
0
0
0

8700.109828
13454.65115
11942.60813
8230.692669
12666.3726
8700.109828
13454.65115
11942.60813
8230.692669
12666.3726
8700.109828
13454.65115
11942.60813
8230.692669
12666.3726
8700.109828
13454.65115
11942.60813
8230.692669
12666.3726
8700.109828
13454.65115
11942.60813
8230.692669
12666.3726
8700.109828
13454.65115

2978
3014
2691
3324
3916
4096
3994
4741
3593
3594.111111
3662.567901
3734.631001
3850.590002
3909.100002
3908.333335
3887.481484
3875.646093
3779.495659

3800.217399
3823.118097
3840.957008
3852.771009
3853.013343
3846.781492
3839.942398
3834.660277
3830.106298
3835.729702
3839.675514
3841.515227

25795
24899
27280
27708
27088
29745
30358
30114
31563
28283.33333
28559.81481
28966.57202
29153.96891
29314.63212
29562.03569
29541.70632
29451.00702
29377.34114
29134.49015
29229.06313
29303.42405
29340.85206
29361.61685
29366.83738
29345.14868
29323.30894
29309.12026
29301.54017
29320.10128
29330.21663

4174
4179

4167
4617
5500
5564
5976
5938
5257
5041.333333
5137.703704
5244.226337
5363.918153
5446.909059
5441.010065
5427.344517
5366.382796
5302.869774
5307.966415
5337.592313
5359.802159
5372.643917
5373.613446
5365.469489
5357.076092
5349.268489
5347.366899
5352.311024
5357.238203
0

0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
5901
13573

13489
13759
14747
15843
15050
16325
15641
14700
14675
16025
14295
14283
14283

0
0
0
0
0
0
0
0
0
0
0
0
0
18578
22493
25832
26770
27465
28225
29425
30560
31672
31777
32973
35123
37967
38897
42322
43775
43775

0

0
0
0
0
0
0
0
0
0
0
0
0
15152
18741
20913
21591
22596
23156
23964
25898
26334
26283
27767
30002
32023
33293
41225
43615
43615

0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0

0
0
0
0
0
0
0
9527
24443
26006
27141
35382
37572
37572

0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
25208
30557
30557

0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
20850
24977
24977

12106816.12
12106816.12
12106816.12
12747919.55
12747919.55
12747919.55
12747919.55
12747919.55
7310250.932
7310250.932
7310250.932
7310250.932
7310250.932
413886.1715
413886.1715

413886.1715
413886.1715
413886.1715
413886.1715
413886.1715
413886.1715
413886.1715
413886.1715
1497.178888
1497.178888
1497.178888
1497.178888
1497.178888
1497.178888
1497.178888

13723490.41
13723490.41
13723490.41
14265461.46
14265461.46
14265461.46
14265461.46
14265461.46
8134875.529
8134875.529
8134875.529
8134875.529
8134875.529
1029117.452
1029117.452
1029117.452
1029117.452
1029117.452
1029117.452
1029117.452
1029117.452
1029117.452
1029117.452
31819.46792
31819.46792
31819.46792
31819.46792
31819.46792
31819.46792
31819.46792

12351816.85
12351816.85
12351816.85
7943722.808
7943722.808
7943722.808
7943722.808
7943722.808
6826861.463
6826861.463
6826861.463
6826861.463
6826861.463
1241612.261
1241612.261
1241612.261
1241612.261
1241612.261
1241612.261
1241612.261
1241612.261
1241612.261
1241612.261
0
0
0
0
0
0
0

0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0

0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0

7130074.714
7130074.714
7130074.714
7274180.234
7274180.234
7274180.234
7274180.234
7274180.234
6001298.282
6001298.282
6001298.282
6001298.282
6001298.282
764881.2308
764881.2308
764881.2308
764881.2308
764881.2308
764881.2308
764881.2308
764881.2308
764881.2308
764881.2308
126354.9959
126354.9959
126354.9959
126354.9959
126354.9959
126354.9959

126354.9959

15206269.23
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0

12678038.46
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0

0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0

8405059.51
8405059.51
8405059.51
8405059.51
8405059.51
8405059.51
8405059.51
8405059.51
8405059.51
8405059.51
8405059.51
8405059.51
8405059.51
8405059.51
8405059.51
8405059.51
8405059.51
8405059.51
8405059.51
0
0
0
0
0
0
0
0
0
0
0
0

0
0

12526849.96
12526849.96
12526849.96
9665212.717
9665212.717
9665212.717
9665212.717
9665212.717
2569953.146
2569953.146
2569953.146
2569953.146
2569953.146
206409.0024
206409.0024
206409.0024
206409.0024
206409.0024
206409.0024
206409.0024
206409.0024
206409.0024
206409.0024
206409.0024
39788.28025
39788.28025
39788.28025
39788.28025
39788.28025
39788.28025
39788.28025

8876085.555
8876085.555
8876085.555
8818599.222
8818599.222
8818599.222
8818599.222
8818599.222
8330993.479
8330993.479
8330993.479
8330993.479

8330993.479
2406094.491
2406094.491
2406094.491
2406094.491
2406094.491
2406094.491
2406094.491
2406094.491
2406094.491
2406094.491
0
0
0
0
0
0
0

10202125.25
10202125.25
10202125.25
9894783.237
9894783.237
9894783.237
9894783.237
9894783.237
9894783.237
9894783.237
9894783.237
9894783.237
9894783.237
4598674.6
4598674.6
4598674.6
4598674.6
4598674.6
4598674.6
4598674.6
4598674.6
4598674.6
4598674.6
0
0
0
0

0
0
0

0
0
0

0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0

153357884.8
0
0
0
6744106.68
12698304.32
17822091.62
23259907.24
27539772.19
31898874.93
36012919.18
39455067.56
43495492.9
46297684.29
48911970.83
52750656.17
55950220.14
59640226.66
63441161.94
67177790.99
67695025.83
67695025.83
67695025.83
67695025.83
67695025.83
67695025.83
67695025.83

67695025.83
67695025.83
67695025.83

7,249,500
9,666,000
8,234,000
3,580,000
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0

12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM

12:00:00 AM
12:00:00 AM
12:00:00 AM

12:00:00 AM
12:00:00 AM
12:00:00 AM

12:00:00 AM
12:00:00 AM
12:00:00 AM

12:00:00 AM
12:00:00 AM
12:00:00 AM

12:00:00 AM
12:00:00 AM
12:00:00 AM

12:00:00 AM
12:00:00 AM
12:00:00 AM

12:00:00 AM
12:00:00 AM
12:00:00 AM

12:00:00 AM
12:00:00 AM
12:00:00 AM

12:00:00 AM
12:00:00 AM
12:00:00 AM

12:00:00 AM
12:00:00 AM
12:00:00 AM

12:00:00 AM
12:00:00 AM
12:00:00 AM

12:00:00 AM
12:00:00 AM
12:00:00 AM

12:00:00 AM
12:00:00 AM
12:00:00 AM

12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
#REF!
#REF!
#REF!
#REF!
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM

12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
#REF!
#REF!
#REF!
#REF!
#REF!
#REF!
#REF!
#REF!
#REF!
#REF!
#REF!
#REF!
#REF!
#REF!
#REF!
#REF!
12:00:00 AM
#REF!
#REF!
#REF!
#REF!
#REF!
#REF!

#REF!
#REF!
#REF!
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
#REF!
#REF!
#REF!
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM

12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
#REF!
12:00:00 AM
#REF!
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
#REF!
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM
12:00:00 AM

12:00:00 AM
12:00:00 AM
12:00:00 AM

12:00:00 AM
12:00:00 AM
12:00:00 AM

12:00:00 AM
12:00:00 AM
12:00:00 AM

12:00:00 AM
12:00:00 AM
12:00:00 AM

12:00:00 AM
12:00:00 AM
12:00:00 AM

12:00:00 AM
12:00:00 AM
12:00:00 AM

12:00:00 AM
12:00:00 AM
12:00:00 AM

12:00:00 AM
12:00:00 AM
12:00:00 AM

12:00:00 AM
12:00:00 AM
12:00:00 AM

12:00:00 AM	1
12:00:00 AM	1
12:00:00 AM	1

1
1
1

1
1
1

1
1
1

1
1
1

1
1
1

1
1
1

1
1
1

1
1
1

1
1
1

1
1
1

1
1
1

1
1
1

1
1
1

1
1
1
1
1
#REF!
#REF!
#REF!
#REF!
1
1
1
1
1

1
1
1
1
1
1
1
1
1
1
1
1
#REF!
#REF!
#REF!
#REF!
#REF!
#REF!
#REF!
#REF!
#REF!
#REF!
#REF!
#REF!
#REF!
#REF!
#REF!
#REF!
1
#REF!
#REF!
#REF!
#REF!
#REF!
#REF!
#REF!
#REF!
1
1
1
1
1
1
1
1
1

1
1
1
1
#REF!
#REF!
#REF!
1
1
1
1

1
1
1
#REF!
1
#REF!
1
1
1
1
1
1
1
1
1
1
1
1
1
#REF!
1
1
1
1
1
1
1
1
1
1
1
1
1
1
1
1
1
1
1
1
1
1
1
1
1
1
1
1
1
1
1

1
1
1

1
1
1

1
1
1

1
1
1

1
1
1
1
1
1
1
1
1
1
1
1
1
1
1
1
1
1
1
1
0
0
0

JRPOSES ***

5 6 7 8 9

Dashboard

MODEL IS BASED ON PSC SYSTEM CAPACITY PLANNING ASSUMPTIONS
***** ASSUMPTIONS AND FORECAST DO NOT REPRESENT A MANAGEMENT CASE FORECAST FOR FINANCIAL PURPOSES *****

Reports Prepared on — **Confidential** — **May 14, 2018**

IRP CAP0503 FUEL0509 BUD0504	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
MWH Sold - Territorial	12,050,132	**12,390,324**	**12,628,266**	**12,736,367**	**12,816,532**	**12,924,755**	**13,044,067**	**13,158,545**	**13,267,347**	**13,374,469**	**13,481,921**	**13,590,288**
Base Rate Changes		**0.0%**	**0.0%**	**0.0%**	**0.0%**	**0.0%**	**0.0%**	**0.0%**	**3.8%**	**3.8%**	**0.0%**	**0.0%**
Net Revenue Requirements	$751,445,528	**$771,581,691**	**$786,383,689**	**$793,108,550**	**$798,095,465**	**$804,827,868**	**$812,250,103**	**$819,371,632**	**$856,786,928**	**$895,751,109**	**$902,941,239**	**$910,192,621**
Fuel Rates	$32.50	**$32.50**	**$32.50**	**$32.50**	**$32.50**	**$32.50**	**$32.50**	**$32.50**	**$32.50**	**$36.00**	**$36.00**	**$36.00**
Fuel Expense (Budget Basis)	$442,353,257	**$440,308,876**	**$405,246,267**	**$395,281,987**	**$403,698,216**	**$402,077,488**	**$424,238,973**	**$436,125,035**	**$447,989,936**	**$462,842,297**	**$475,375,867**	**$488,115,696**
Fuel Fund	$131,715,864	**$88,398,393**	**$87,631,316**	**$100,296,159**	**$107,116,247**	**$119,028,589**	**$112,594,599**	**$97,934,401**	**$74,886,837**	**$86,612,391**	**$89,609,268**	**$83,703,471**
Fund% of Fuel Expense	*30%*	***20%***	***22%***	***25%***	***27%***	***30%***	***27%***	***22%***	***17%***	***19%***	***19%***	***17%***
Fuel Fund Target	*$95,000,000*	***$95,000,000***	***$95,000,000***	***$95,000,000***	***$95,000,000***	***$95,000,000***	***$95,000,000***	***$95,000,000***	***$95,000,000***	***$95,000,000***	***$95,000,000***	***$95,000,000***
Modified Days of Cash	234	**381**	**463**	**585**	**687**	**683**	**696**	**749**	**784**	**831**	**884**	**938**
Modified Days of Liquidity	337	**516**	**602**	**723**	**823**	**808**	**809**	**859**	**891**	**934**	**984**	**1036**
New Debt		**-**	**-**	**-**	**-**	**42,846,286**	**53,618,652**	**53,408,911**	**60,993,854**	**53,624,235**	**58,754,233**	**58,631,525**
Early Debt Retirement/Principal Defeasance		**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Capital Spending	$134,781,952	**$190,354,526**	**$312,865,100**	**$264,170,746**	**$284,904,000**	**$357,844,000**	**$245,088,000**	**$225,000,000**	**$225,000,000**	**$225,000,000**	**$225,000,000**	**$225,000,000**
Capital Fund	$201,368,000	**$352,529,296**	**$470,861,770**	**$697,098,375**	**$914,010,244**	**$1,009,317,494**	**$1,173,802,468**	**$1,343,068,026**	**$1,507,651,377**	**$1,681,048,215**	**$1,854,686,582**	**$2,035,774,443**
5% of Previous Yr Operating Revenues		***$64,979,541***	***$62,754,766***	***$62,970,125***	***$64,060,543***	***$65,025,737***	***$64,742,404***	***$65,798,901***	***$66,801,540***	***$69,372,453***	***$72,290,629***	***$73,311,714***
Debt Service Coverage	2.53	**3.28**	**3.64**	**5.32**	**5.58**	**5.27**	**5.24**	**4.74**	**4.15**	**3.93**	**3.84**	**3.94**
Fixed Charge Coverage	1.80	**2.56**	**2.72**	**3.59**	**3.56**	**2.86**	**2.51**	**2.38**	**2.27**	**2.24**	**2.21**	**2.24**
Debt to Assets Ratio (Total Enterprise)	62.77%	**70.97%**	**64.71%**	**61.30%**	**58.04%**	**53.75%**	**53.08%**	**52.96%**	**52.33%**	**50.99%**	**49.55%**	**48.53%**
Funding Chgs per Utility Basis	*182,998,734*	*317,051,499*	*329,936,941*	*320,324,597*	*315,863,780*	*259,542,434*	*210,807,478*	*201,040,896*	*214,461,334*	*231,548,850*	*224,069,136*	*220,980,054*
Check		0	0	0	0	0	(42,675)	(53,404)	(53,195)	(60,750)	(53,410)	(58,519)

Moody's Financial Strength and Liquidity Ratings	Weights	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
Adjusted Days of Liquidity	**10%**	**AAA**	**AAA**	**AAA**	**AAA**	**AAA**	**AAA**	**AAA**	**AAA**	**AAA**	**AAA**	**AAA**
Debt Ratio	**10%**	**AA**	**AA**	**AA**	**AA**	**AA**	**AA**	**AAA**	**AAA**	**AAA**	**AAA**	**AAA**
Adjusted D.S. Coverage	**10%**	**AAA**	**AAA**	**AAA**	**AAA**	**AAA**	**AAA**	**AAA**	**AAA**	**AAA**	**AAA**	**AAA**
Cost Recovery Framework Within Service Territory	25%	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA
Willingness and Ability to Recover Costs with SoundFir	25%	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA
Generation and Power Procurement Risk Exposure	10%	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA
Competitiveness	10%	A	A	A	A	A	A	A	A	A	A	A
Total	**100%**	**AA**	**AA**	**AA**	**AA**	**AA**	**AA**	**AA**	**AA**	**AA**	**AA**	**AA**

Residential Bill Impact	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
Residential Rates												
Energy	$0.06988	$0.06988	$0.06988	$0.06988	$0.06988	$0.06988	$0.06988	$0.06988	$0.07250	$0.07522	$0.07522	$0.07522
Fuel	$0.03250	$0.03250	$0.03250	$0.03250	$0.03250	$0.03250	$0.03250	$0.03250	$0.03250	$0.03600	$0.03600	$0.03600
Environmental	$0.00062	$0.00062	$0.00062	$0.00062	$0.00062	$0.00062	$0.00062	$0.00062	$0.00062	$0.00062	$0.00062	$0.00062
Residential kWh	*1,000*	*1,000*	*1,000*	*1,000*	*1,000*	*1,000*	*1,000*	*1,000*	*1,000*	*1,000*	*1,000*	*1,000*
Basic Monthly Charge	$5.50	$5.50	$5.50	$5.50	$5.50	$5.50	$5.50	$5.50	$5.50	$5.50	$5.50	$5.50
Energy Charge	$69.88	$69.88	$69.88	$69.88	$69.88	$69.88	$69.88	$69.88	$72.50	$75.22	$75.22	$75.22
Fuel Charge	$32.50	$32.50	$32.50	$32.50	$32.50	$32.50	$32.50	$32.50	$32.50	$36.00	$36.00	$36.00
Environmental Charge	$0.62	$0.62	$0.62	$0.62	$0.62	$0.62	$0.62	$0.62	$0.62	$0.62	$0.62	$0.62
Residential Bill Before Taxes	**$108.50**	**$108.50**	**$108.50**	**$108.50**	**$108.50**	**$108.50**	**$108.50**	**$108.50**	**$111.12**	**$117.34**	**$117.34**	**$117.34**
Franchise Fee	$3.26	$3.26	$3.26	$3.26	$3.26	$3.26	$3.26	$3.26	$3.33	$3.52	$3.52	$3.52
Gross Receipts Tax	$2.87	$2.87	$2.87	$2.87	$2.87	$2.87	$2.87	$2.87	$2.93	$3.10	$3.10	$3.10
Public Service Tax	$8.72	$8.72	$8.72	$8.72	$8.72	$8.72	$8.72	$8.72	$9.00	$9.31	$9.31	$9.31
Residential Bill After Taxes	**$123.34**	**$123.34**	**$123.34**	**$123.34**	**$123.34**	**$123.34**	**$123.34**	**$123.34**	**$126.39**	**$133.27**	**$133.27**	**$133.27**
										Total Bill CAGR		**0.86%**

Advance Refunding 2017 OS Addl Defease MEAG Base	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
KWH Sold - Territorial	12,561,251	12,230,025	12,000,000	12,000,000	12,000,000	12,000,000	12,000,000	12,000,000	12,000,000	12,000,000	12,000,000	12,000,000
Net Revenue Requirements	$739,104,131	$756,807,359	$747,786,574	$747,786,574	$747,786,574	$747,786,574	$747,786,574	$777,363,905	$808,124,329	$840,115,170	$840,115,170	$840,115,170
Base Rate Changes		4.4%	0.0%	0.0%	0.0%	0.0%	0.0%	4.0%	4.0%	4.0%	0.0%	0.0%
Fuel Rates	$43.60	$33.21	$32.50	$38.00	$38.00	$38.00	$38.00	$38.00	$38.00	$38.00	$38.00	$39.20
Days Cash on Hand	213	150	114	108	101	105	124	137	145	151	154	158
Adjusted Days Cash on Hand	350	279	236	220	206	204	205	204	206	207	201	193
Days of Liquidity	334	261	224	216	198	201	220	226	229	230	223	215
Early Debt Retirement/Defeasance		(155,365.00)	(20,420.00)	(11,255.00)	-	-	-	-	-	-	-	-
Fuel Expense (Budget Basis)	*396,813,045*	*457,535,085*	*457,428,686*	*450,391,675*	*442,903,722*	*438,516,878*	*402,152,404*	*410,587,916*	*419,192,138*	*427,968,445*	*436,920,277*	*445,431,467*
Fuel Fund	$180,115,156	$122,819,417	$49,520,954	$48,147,831	$54,261,376	$64,766,855	$111,609,210	$149,994,508	$179,753,608	$200,713,986	$212,699,667	$230,363,639
Fund% of Fuel Expense	*45%*	*27%*	*11%*	*11%*	*12%*	*15%*	*28%*	*37%*	*43%*	*47%*	*49%*	*52%*
Capital Spending	*171,175,000*	*149,708,733*	*178,624,490*	*168,190,460*	*113,893,000*	*116,954,000*	*115,777,000*	*130,901,000*	*130,901,000*	*130,901,000*	*130,901,000*	*130,901,000*
Capital Fund	$192,179,000	$170,611,265	$144,081,012	$129,905,616	$137,505,207	$123,013,359	$78,768,814	$62,000,000	$62,000,000	$62,000,000	$62,000,000	$62,000,000
5% of Previous Yr Operating Revenues		*61,709,420*	*65,792,574*	*64,775,465*	*64,572,437*	*63,576,059*	*63,423,777*	*61,711,085*	*63,760,192*	*65,818,968*	*67,951,065*	*68,415,043*
Funding Chgs per Utility Basis	*113,780,661*	*107,691,364*	*95,414,010*	*73,768,400*	*(43,329,303)*	*(58,090,716)*	*(95,183,036)*	*(71,877,261)*	*(50,685,932)*	*(22,663,641)*	*(29,879,613)*	*(38,879,083)*
Debt Service Coverage	2.89	2.33	2.32	2.33	2.54	2.53	2.23	2.74	2.87	2.52	2.29	2.22
Fixed Charge Coverage	1.97	1.70	1.66	1.58	1.41	1.39	1.25	1.43	1.51	1.46	1.38	1.34
Debt to Assets Ratio (Total Enterprise)	64.96%	62.35%	60.50%	57.87%	57.46%	57.16%	56.76%	55.97%	55.47%	53.98%	52.13%	50.43%
Debt to Assets Ratio (Elec&Bulk Power)	**66.27%**	**63.67%**	**61.64%**	**58.70%**	**58.36%**	**58.23%**	**58.06%**	**57.47%**	**57.26%**	**55.97%**	**54.33%**	**52.94%**
Debt to Capitalization Ratio (Elec&Bulk Power)	74.80%	71.11%	67.62%	64.33%	62.93%	63.31%	64.70%	65.58%	66.39%	66.83%	67.03%	67.19%
Check		0	0	0	0	0	0	0	0	(0)	0	(0)

Residential Bill Impact	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	
Residential Rates												
Energy	$0.06624	$0.06915	$0.06915	$0.06915	$0.06915	$0.06915	$0.06915	$0.07192	$0.07480	$0.07779	$0.07779	$0.07779
Fuel	$0.03675	$0.03321	$0.03250	$0.03800	$0.03800	$0.03800	$0.03800	$0.03800	$0.03800	$0.03800	$0.03800	$0.03920
Environmental	$0.00062	$0.00062	$0.00062	$0.00062	$0.00062	$0.00062	$0.00062	$0.00062	$0.00062	$0.00062	$0.00062	$0.00062
Residential kWh	*1,000*	*1,000*	*1,000*	*1,000*	*1,000*	*1,000*	*1,000*	*1,000*	*1,000*	*1,000*	*1,000*	*1,000*
Basic Monthly Charge	$5.50	$5.50	$5.50	$5.50	$5.50	$5.50	$5.50	$5.50	$5.50	$5.50	$5.50	$5.50
Energy Charge	$66.24	$69.15	$69.15	$69.15	$69.15	$69.15	$69.15	$71.92	$74.80	$77.79	$77.79	$77.79
Fuel Charge	$36.75	$33.21	$32.50	$38.00	$38.00	$38.00	$38.00	$38.00	$38.00	$38.00	$38.00	$39.20
Environmental Charge	$0.62	$0.62	$0.62	$0.62	$0.62	$0.62	$0.62	$0.62	$0.62	$0.62	$0.62	$0.62
Residential Bill Before Taxes	**$109.11**	**$108.48**	**$107.77**	**$113.27**	**$113.27**	**$113.27**	**$113.27**	**$116.04**	**$118.92**	**$121.91**	**$121.91**	**$123.11**
Franchise Fee	$3.27	$3.25	$3.23	$3.40	$3.40	$3.40	$3.40	$3.48	$3.57	$3.66	$3.66	$3.69
Gross Receipts Tax	$2.88	$2.87	$2.85	$2.99	$2.99	$2.99	$2.99	$3.06	$3.14	$3.22	$3.22	$3.25
Public Service Tax	$8.36	$8.65	$8.65	$8.68	$8.68	$8.68	$8.68	$8.97	$9.27	$9.59	$9.59	$9.60
Residential Bill After Taxes	**$123.63**	**$123.25**	**$122.50**	**$128.34**	**$128.34**	**$128.34**	**$128.34**	**$131.56**	**$134.90**	**$138.38**	**$138.38**	**$139.65**

JEA DES Model	
Base Year	2017
Depreciation	$ 2,364,328
Allowance for funds used during construction	$ 28,488
Debt Management, Beginning	$ 2,737,164
Net position, beginning of period	$ 4,568,132
OID/OIP, Beginning	$ (38,537)
Unamortized deferred loss refundings, beginnin	$ 203,311

Assumptions	
Depreciation Rate	6%
PPE useful life (yrs)	24
Minimum R&R Fund Balance	$ 200,000

Year
2018
2019
2020
2021
2022
2023
2024
2025
2026
2027
2028
2029
2030
2031
2032
2033
2034
2035
2036
2037

*** ASSUMPTIONS AND FORECAST DO NOT REPRESENT A MANAGEMENT CASE FORECAST FOR FINA

	Assumptions				
Cons. Rev Increase	Base CapEx	AFUDC Rate	AFUDC	OID/OIP	Refunding Loss
%	$	%	$	$	$
	730,000	3.73%	$ 27,193	4,814	9,678
	3,108,000	3.82%	$ 118,738	4,814	12,102
	1,350,000	3.91%	$ 52,784	4,814	12,102
	1,783,000	3.99%	$ 71,178	4,814	12,102
	1,350,000	4.07%	$ 54,939	4,814	12,102
	1,350,000	4.14%	$ 55,880	4,814	12,102
	1,550,000	4.20%	$ 65,159	4,814	12,102
0%	708,000	4.27%	$ 30,223	3,223	12,102
	500,000	4.33%	$ 21,672	1,618	12,102
	500,000	4.40%	$ 22,004		12,102
	500,000	4.42%	$ 22,102		12,102
		4.45%	$ -		12,102
		4.48%	$ -		12,102
		4.54%	$ -		12,102
		4.54%	$ -		12,102
		4.54%	$ -		12,102
		4.54%	$ -		12,102
			$ -		
			$ -		
			$ -		

NCIAL PURPOSES ***

Prospect Center	
Total Prospects - Assessed (monthly)	
Mail Piece	1,000
Mail Date	5/1/2024
Postcard	Yes
Account Status	
Mail Piece	10.00
Mail Date	10.00
Non-utility O&M Recruiter:	0.000
Utility Systems Recruiter:	0.000
Mail Piece	0.000
Mailer A Value	0.000
Postcard Guidestar MRI-R	0
Total Postcard Guidestar Contacts	0.000

Prospect	
Total Prospects - Assessed (monthly)	
Lifestyle	1,000
Additional Templates	1,000
Lifestyle (Remindercard)	50
Mail Piece	1,000
Only Mail Pieces	1,000
Assisted Status	
Lifestyle	10.00
Additional Templates	10.00
Lifestyle (Remindercard)	10.00
Mail Piece	10.00
Only Mail Pieces	10.00
Postcard	Yes
non-utility O&M Recruiter:	0.000
Utility Systems Recruiter:	0.000
Mail Piece	0.000
Mailer A Value	0.000
Postcard Guidestar MRI-R	0
Total Postcard Guidestar Contacts	0.000

Test Matrix	
Total Prospects - Assessed (monthly)	
Test Matrix Piece	500
Postcard	Yes
Assisted Status	
Test Matrix Piece	10.00
Postcard	Yes
non-utility O&M Recruiter:	0.000
Utility Systems Recruiter:	0.000
Mail Piece	0.000
Mailer A Value	0.000
Postcard Guidestar MRI-R	0
Total Postcard Guidestar Contacts	0.000

Non-utility O&M Recruiter	
Physical Medicine & Therapy Institute	1,000
Naturals Aesthetic Institute	1,000
Univ. of Fla. College of Medicine	1,000
Postcard	Yes
Assisted Status	
Physical Medicine & Therapy Institute	10.00
Naturals Aesthetic Institute	10.00
Univ. of Fla. College of Medicine	10.00
Postcard	Yes
non-utility O&M Recruiter:	0.000
Utility Systems Recruiter:	0.000
Mail Piece	0.000
Mailer A Value	0.000
Postcard Guidestar MRI-R	0
Total Postcard Guidestar Contacts	0.000

Current Net Rate Adjustment Rates	*UPDATED from rate adjustment sheet
< 250 Ths. <= 1,250 Ths	0.04000
> 1,250 Ths. <= 2,500 Ths	0.03000
> 2,500 Ths. USGC Rt's	0.02000

Prospect Selection				
	Base	Lifestyle	Assisted	Test
Chapel	4,000	4,000		500
Accordion	7,000	6,000		1,000
Non-Metro	4,000	4,000		500
Non-Metro				

Prospecting Update
Prospecting Update

Suggested Utility Anywhere Increase based on TWAM allocation

Alachua	25%
Florida Jr. Assist	25%

Suggested Utility Anywhere Increase based on TWAM allocation

Alachua	25%
Florida Jr. Assist	25%

Suggested Utility Anywhere Increase based on TWAM allocation

Alachua	0%

Suggested Utility Anywhere Increase based on TWAM allocation

Alachua	0%
Florida Jr. Assist	0%

New Plant Imports

Loading From rate adjustment sheet

	1 250 Ths. <= 1,250 Ths	1 250 Ths. <= 2,500 Ths	2 500 Ths. USGC Rt's
2023	0.04000	0.03000	0.02000
2024	0.04000	0.03000	0.02000
2025	0.04000	0.03000	0.02000
2026	0.04000	0.03000	0.02000
2027	0.04000	0.03000	0.02000
2028	0.04000	0.03000	0.02000
2029	0.04000	0.03000	0.02000
2030	0.04000	0.03000	0.02000
2031	0.04000	0.03000	0.02000
2032	0.04000	0.03000	0.02000
2033	0.04000	0.03000	0.02000
2034	0.04000	0.03000	0.02000
2035	0.04000	0.03000	0.02000
2036	0.04000	0.03000	0.02000
2037	0.04000	0.03000	0.02000
2038	0.04000	0.03000	0.02000
2039	0.04000	0.03000	0.02000
2040	0.04000	0.03000	0.02000

Note

JEA
District Energy System
Statement of Net Position
(in thousands)

*** ASSUMPTIONS AND FORECAST DO NOT REPRESENT A MANAGEMENT CASE FORECAST FOR FINANCIAL PURPOSES ***

Confidential
Reports Prepared on May 30, 2018

	Actual 2017	Projection 2018	Projection 2019	Projection 2020	Projection 2021	Projection 2022	Projection 2023	Projection 2024	Projection 2025	Projection 2026	Projection 2027	Projection 2028
ASSETS												
Current assets												
Cash and cash equivalents												
Operations	$ 1,069	$ 1,069	$ 1,069	$ 1,069	$ 1,069	$ 1,069	$ 1,069	$ 1,069	$ 1,069	$ 1,069	$ 1,069	$ 1,069
Debt management strategy reserve	$ 2,737	$ 2,737	$ 1,809	$ 1,488	$ 791	$ 425	$ 101	$ -	$ -	$ -	$ -	$ -
Total unrestricted cash and cash equivalents	**$ 3,806**	**$ 3,806**	**$ 2,878**	**$ 2,557**	**$ 1,860**	**$ 1,493**	**$ 1,170**	**$ 1,069**	**$ 1,069**	**$ 1,069**	**$ 1,069**	**$ 1,069**
Customer accounts receivable, net of allowance	$ 550	$ 550	$ 550	$ 550	$ 550	$ 550	$ 550	$ 550	$ 550	$ 550	$ 550	$ 550
Total current assets	**$ 4,356**	**$ 4,356**	**$ 3,428**	**$ 3,107**	**$ 2,410**	**$ 2,043**	**$ 1,720**	**$ 1,619**	**$ 1,619**	**$ 1,619**	**$ 1,619**	**$ 1,619**
Noncurrent assets												
Restricted assets												
R&R funds	$ 899	$ 1,198	$ 200	$ 200	$ 200	$ 200	$ 200	$ 200	$ 448	$ 804	$ 1,201	$ 1,506
Debt service funds	$ 2,331	$ 2,347	$ 2,364	$ 2,381	$ 2,405	$ 2,427	$ 2,454	$ 2,484	$ 2,515	$ 2,549	$ 2,590	$ 2,635
Total restricted assets	**$ 3,230**	**$ 3,545**	**$ 2,564**	**$ 2,581**	**$ 2,605**	**$ 2,627**	**$ 2,654**	**$ 2,684**	**$ 2,963**	**$ 3,354**	**$ 3,791**	**$ 4,140**
Costs to be recovered from future revenues	$ 27	$ 27	$ 27	$ 27	$ 27	$ 27	$ 27	$ 27	$ 27	$ 27	$ 27	$ 27
Total noncurrent assets	**$ 3,257**	**$ 3,572**	**$ 2,591**	**$ 2,608**	**$ 2,633**	**$ 2,654**	**$ 2,681**	**$ 2,711**	**$ 2,990**	**$ 3,381**	**$ 3,818**	**$ 4,168**
Capital assets												
Land and easements	$ 3,051	$ 3,051	$ 3,051	$ 3,051	$ 3,051	$ 3,051	$ 3,051	$ 3,051	$ 3,051	$ 3,051	$ 3,051	$ 3,051
Plant in service	$ 55,240	$ 57,220	$ 57,950	$ 61,058	$ 62,408	$ 64,191	$ 65,541	$ 66,891	$ 68,441	$ 69,149	$ 69,649	$ 70,149
Less accumulated depreciation	$ (24,091)	$ (26,303)	$ (28,500)	$ (30,601)	$ (32,768)	$ (34,883)	$ (36,975)	$ (39,020)	$ (41,020)	$ (42,990)	$ (44,879)	$ (46,679)
Plant in service, net	**$ 34,199**	**$ 33,968**	**$ 32,501**	**$ 33,507**	**$ 32,690**	**$ 32,359**	**$ 31,616**	**$ 30,922**	**$ 30,472**	**$ 29,209**	**$ 27,820**	**$ 26,521**
Construction work in progress	$ 1,980	$ 730	$ 3,108	$ 1,350	$ 1,783	$ 1,350	$ 1,350	$ 1,550	$ 708	$ 500	$ 500	$ 500
Net capital assets	**$ 36,179**	**$ 34,698**	**$ 35,609**	**$ 34,857**	**$ 34,473**	**$ 33,709**	**$ 32,966**	**$ 32,472**	**$ 31,180**	**$ 29,709**	**$ 28,320**	**$ 27,021**
Total assets	**$ 43,792**	**$ 42,626**	**$ 41,628**	**$ 40,572**	**$ 39,516**	**$ 38,406**	**$ 37,368**	**$ 36,801**	**$ 35,789**	**$ 34,709**	**$ 33,757**	**$ 32,807**
Deferred outflows of resources												
Unamortized deferred losses on refundings	$ 203	$ 194	$ 182	$ 169	$ 157	$ 145	$ 133	$ 121	$ 109	$ 97	$ 85	$ 73
Total deferred outflows of resources	**$ 203**	**$ 194**	**$ 182**	**$ 169**	**$ 157**	**$ 145**	**$ 133**	**$ 121**	**$ 109**	**$ 97**	**$ 85**	**$ 73**
Total assets and deferred outflows of resources	**$ 43,995**	**$ 42,819**	**$ 41,809**	**$ 40,742**	**$ 39,673**	**$ 38,551**	**$ 37,501**	**$ 36,922**	**$ 35,898**	**$ 34,805**	**$ 33,842**	**$ 32,880**

JEA *** ASSUMPTIONS AND FORECAST DO NOT REPRESENT A MANAGEMENT CASE FORECAST FOR FINANCIAL PURPOSES *** **Confidential**

District Energy System **Reports Prepared on** **May 30, 2018**

Statement of Net Position

(in thousands)

	Actual 2017	Projection 2018	Projection 2019	Projection 2020	Projection 2021	Projection 2022	Projection 2023	Projection 2024	Projection 2025	Projection 2026	Projection 2027	Projection 2028
LIABILITIES												
Current liabilities												
Accounts and accrued expenses payable	$ 57	$ 60	$ 60	$ 60	$ 60	$ 60	$ 60	$ 60	$ 60	$ 60	$ 60	$ 60
Compensated absenses due within one year	$ 31	$ 30	$ 30	$ 30	$ 30	$ 30	$ 30	$ 30	$ 30	$ 30	$ 30	$ 30
Total current liabilities	**$ 89**	**$ 90**	**$ 90**	**$ 90**	**$ 90**	**$ 90**	**$ 90**	**$ 90**	**$ 90**	**$ 90**	**$ 90**	**$ 90**
Current liabilities payable from restricted assets												
Debt due within one year	$ 1,640	$ 1,660	$ 1,690	$ 1,725	$ 1,770	$ 1,815	$ 1,870	$ 1,930	$ 1,995	$ 2,065	$ 2,145	$ 2,235
Interest payable	$ 691	$ 680	$ 665	$ 648	$ 627	$ 603	$ 576	$ 546	$ 513	$ 477	$ 439	$ 394
Construction contracts and accounts payable	$ 114	$ 100	$ 100	$ 100	$ 100	$ 100	$ 100	$ 100	$ 100	$ 100	$ 100	$ 100
Total current liabilities payable from restricted assets	**$ 2,445**	**$ 2,440**	**$ 2,455**	**$ 2,473**	**$ 2,497**	**$ 2,518**	**$ 2,546**	**$ 2,576**	**$ 2,608**	**$ 2,642**	**$ 2,684**	**$ 2,729**
Noncurrent liabilities												
Compensated balances due after one year	$ 11	$ 10	$ 10	$ 10	$ 10	$ 10	$ 10	$ 10	$ 10	$ 10	$ 10	$ 10
Total noncurrent liabilities	**$ 11**	**$ 10**	**$ 10**	**$ 10**	**$ 10**	**$ 10**	**$ 10**	**$ 10**	**$ 10**	**$ 10**	**$ 10**	**$ 10**
Long term debt												
Line of credit balance	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 503	$ 503	$ 503	$ 503	$ 503
Bonds payable, less current portion	$ 36,485	$ 34,825	$ 33,135	$ 31,410	$ 29,640	$ 27,825	$ 25,955	$ 24,025	$ 22,030	$ 19,965	$ 17,820	$ 15,585
Unamortized premium (discount), net	$ (39)	$ (34)	$ (29)	$ (24)	$ (19)	$ (14)	$ (10)	$ (5)	$ (2)	$ 0	$ 0	$ 0
Total long-term debt	**$ 36,446**	**$ 34,791**	**$ 33,106**	**$ 31,386**	**$ 29,621**	**$ 27,811**	**$ 25,945**	**$ 24,523**	**$ 22,531**	**$ 20,468**	**$ 18,323**	**$ 16,088**
Total Liabilities	**$ 38,992**	**$ 37,331**	**$ 35,661**	**$ 33,959**	**$ 32,218**	**$ 30,429**	**$ 28,591**	**$ 27,198**	**$ 25,239**	**$ 23,210**	**$ 21,107**	**$ 18,916**
NET POSITION												
Net investement in capital assets	$ (1,818)	$ (1,660)	$ 894	$ 1,816	$ 3,140	$ 4,129	$ 5,184	$ 6,040	$ 6,663	$ 7,173	$ 7,837	$ 8,671
Restricted	$ 2,539	$ 2,865	$ 1,898	$ 1,933	$ 1,978	$ 2,023	$ 2,078	$ 2,138	$ 2,450	$ 2,876	$ 3,352	$ 3,747
Unrestricted	$ 4,283	$ 4,283	$ 3,355	$ 3,034	$ 2,337	$ 1,970	$ 1,647	$ 1,546	$ 1,546	$ 1,546	$ 1,546	$ 1,546
Total net position	**$ 5,004**	**$ 5,488**	**$ 6,148**	**$ 6,783**	**$ 7,455**	**$ 8,123**	**$ 8,909**	**$ 9,724**	**$ 10,659**	**$ 11,595**	**$ 12,735**	**$ 13,963**
Total liabilities, deferred inflows of resources, and net position	**$ 43,995**	**$ 42,819**	**$ 41,809**	**$ 40,742**	**$ 39,673**	**$ 38,551**	**$ 37,501**	**$ 36,922**	**$ 35,898**	**$ 34,805**	**$ 33,842**	**$ 32,880**
	-	-	-	-	-	-	-	-	-	-	-	-

JEA	*** ASSUMPTIONS AND FORECAST DO NOT REPRESENT A MANAGEMENT CASE FORECAST FOR FINANCIAL PURPOSES ***											Confidential
District Energy System											Reports Prepared on	May 30, 2018
Statements of Revenues, Expenses and Changes in Net Position												
(in thousands)	Actual 2017	Projection 2018	Projection 2019	Projection 2020	Projection 2021	Projection 2022	Projection 2023	Projection 2024	Projection 2025	Projection 2026	Projection 2027	Projection 2028
Operating revenues												
District energy	$ 8,692	$ 8,700	$ 8,700	$ 8,700	$ 8,700	$ 8,700	$ 8,700	$ 8,700	$ 8,700	$ 8,700	$ 8,700	$ 8,700
Other	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total operating revenues	**$ 8,692**	**$ 8,700**	**$ 8,700**	**$ 8,700**	**$ 8,700**	**$ 8,700**	**$ 8,700**	**$ 8,700**	**$ 8,700**	**$ 8,700**	**$ 8,700**	**$ 8,700**
Operating expenses												
Maintenance and other operating expenses	$ 4,570	$ 4,657	$ 4,615	$ 4,703	$ 4,661	$ 4,750	$ 4,707	$ 4,797	$ 4,754	$ 4,846	$ 4,802	$ 4,894
Depreciation	$ 2,364	$ 2,212	$ 2,197	$ 2,102	$ 2,167	$ 2,114	$ 2,093	$ 2,045	$ 2,000	$ 1,971	$ 1,889	$ 1,799
Total operating expenses	**$ 6,934**	**$ 6,868**	**$ 6,811**	**$ 6,805**	**$ 6,828**	**$ 6,864**	**$ 6,800**	**$ 6,842**	**$ 6,754**	**$ 6,816**	**$ 6,691**	**$ 6,693**
Operating income	**$ 1,758**	**$ 1,831**	**$ 1,888**	**$ 1,895**	**$ 1,872**	**$ 1,836**	**$ 1,900**	**$ 1,857**	**$ 1,945**	**$ 1,883**	**$ 2,008**	**$ 2,006**
Nonoperating expenses, net												
Interest on debt	$ (1,395)	$ (1,374)	$ (1,347)	$ (1,312)	$ (1,271)	$ (1,223)	$ (1,169)	$ (1,108)	$ (1,041)	$ (969)	$ (891)	$ (800)
Investment income	$ 45	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Allowance for funds used during construction	$ 28	$ 27	$ 119	$ 53	$ 71	$ 55	$ 56	$ 65	$ 30	$ 22	$ 22	$ 22
Total nonoperating expenses, net	**$ (1,322)**	**$ (1,346)**	**$ (1,229)**	**$ (1,260)**	**$ (1,200)**	**$ (1,168)**	**$ (1,113)**	**$ (1,043)**	**$ (1,011)**	**$ (947)**	**$ (869)**	**$ (778)**
Income before contributions	**$ 436**	**$ 485**	**$ 659**	**$ 635**	**$ 672**	**$ 667**	**$ 787**	**$ 815**	**$ 935**	**$ 936**	**$ 1,140**	**$ 1,228**
Contributions (to) from												
General Fund, City of Jacksonville, Florida	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Developers and other	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total contributions	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**
Change in net position	**$ 436**	**$ 485**	**$ 659**	**$ 635**	**$ 672**	**$ 667**	**$ 787**	**$ 815**	**$ 935**	**$ 936**	**$ 1,140**	**$ 1,228**
Net position, beginning of period	$ 4,568	$ 5,004	$ 5,488	$ 6,148	$ 6,783	$ 7,455	$ 8,122	$ 8,909	$ 9,724	$ 10,659	$ 11,595	$ 12,735
Net position, end of period	**$ 5,004**	**$ 5,488**	**$ 6,148**	**$ 6,783**	**$ 7,455**	**$ 8,122**	**$ 8,909**	**$ 9,724**	**$ 10,659**	**$ 11,595**	**$ 12,735**	**$ 13,963**

JEA
District Energy System
Statement of Cash Flow
(in thousands)

*** ASSUMPTIONS AND FORECAST DO NOT REPRESENT A MANAGEMENT CASE FORECAST FOR FINANCIAL PURPOSES ***

Confidential
Reports Prepared on May 30, 2018

		Projection 2018	Projection 2019	Projection 2020	Projection 2021	Projection 2022	Projection 2023	Projection 2024	Projection 2025	Projection 2026	Projection 2027	Projection 2028
Cash Flow from Operating Activities												
Income before contributions and special item		$ 485	$ 659	$ 635	$ 672	$ 667	$ 787	$ 815	$ 935	$ 936	$ 1,140	$ 1,228
Depreciation and amortization		$ 2,212	$ 2,197	$ 2,102	$ 2,167	$ 2,114	$ 2,093	$ 2,045	$ 2,000	$ 1,971	$ 1,889	$ 1,799
Recognition of deferred costs and revenues, net		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Gain on Sale of Noncore assets		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Decrease (increase) in accounts receivable		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Decrease (increase) in accounts receivable, restricted		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Decrease (increase) in inventories		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Decrease (increase) in other deferred outflow assets		$ 10	$ 12	$ 12	$ 12	$ 12	$ 12	$ 12	$ 12	$ 12	$ 12	$ 12
Decrease (increase) in other assets		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Increase (decrease) in accounts and expense payable		$ 0	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Increase (decrease) in liabilities payable, restricted		$ (26)	$ (14)	$ (17)	$ (21)	$ (24)	$ (27)	$ (30)	$ (33)	$ (35)	$ (38)	$ (45)
Increase (decrease) in other liabilities and amortization of OID/OIP		$ 5	$ 5	$ 5	$ 5	$ 5	$ 5	$ 5	$ 3	$ 2	$ -	$ -
Total cash from operating activities	$ -	$ 2,685	$ 2,859	$ 2,736	$ 2,835	$ 2,775	$ 2,869	$ 2,846	$ 2,917	$ 2,885	$ 3,003	$ 2,994
Cash Flow from Investing Activities												
Investments and acquisitions in Property, Plant, and Equip		$ (730)	$ (3,108)	$ (1,350)	$ (1,783)	$ (1,350)	$ (1,350)	$ (1,550)	$ (708)	$ (500)	$ (500)	$ (500)
(Purchases) / Sales of investments (changes in Restricted Assets)		$ (16)	$ (17)	$ (18)	$ (24)	$ (21)	$ (28)	$ (30)	$ (31)	$ (34)	$ (41)	$ (45)
Proceeds from Sale of Assets		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total cash from investing activities	$ -	$ (746)	$ (3,125)	$ (1,368)	$ (1,807)	$ (1,371)	$ (1,378)	$ (1,580)	$ (739)	$ (534)	$ (541)	$ (545)
Cash Flow from Financing Activities												
Scheduled debt repayment		$ (1,640)	$ (1,660)	$ (1,690)	$ (1,725)	$ (1,770)	$ (1,815)	$ (1,870)	$ (1,930)	$ (1,995)	$ (2,065)	$ (2,145)
Proceeds from sale of bonds												
Increase/(decrease) in Line of Credit borrowing		$ -	$ -	$ -	$ -	$ -	$ -	503	$ -	$ -	$ -	$ -
Early debt retirement/defeasance												
Line of Credit Payback		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
City of Jacksonville contribution payment												
Total cash flow from financing activities	$ -	$ (1,640)	$ (1,660)	$ (1,690)	$ (1,725)	$ (1,770)	$ (1,815)	$ (1,367)	$ (1,930)	$ (1,995)	$ (2,065)	$ (2,145)
Annual Funds available / (needed)		$ 300	$ (1,926)	$ (321)	$ (697)	$ (367)	$ (323)	$ (604)	$ 248	$ 357	$ 397	$ 305
Increase / (decrease) in Operations Fund		$ 300	$ (1,926)	$ (321)	$ (697)	$ (367)	$ (323)	$ (604)	$ 248	$ 357	$ 397	$ 305
Line of Credit Balance	$ -	$ -	$ -	$ -	$ -	$ -	$ -	503	$ 503	$ 503	$ 503	$ 503
Line of Credit Available	$ 3,000	$ 3,000	$ 3,000	$ 3,000	$ 3,000	$ 3,000	$ 3,000	$ 2,497	$ 2,497	$ 2,497	$ 2,497	$ 2,497
Increase / (decrease) in Capital Fund Balance		$ 300	$ (1,926)	$ (321)	$ (697)	$ (367)	$ (323)	$ (101)	$ 248	$ 357	$ 397	$ 305

JEA	*** ASSUMPTIONS AND FORECAST DO NOT REPRESENT A MANAGEMENT CASE FORECAST FOR FINANCIAL PURPOSES ***											Confidential
District Energy System											Reports Prepared on	May 30, 2018
Statements of Revenues, Expenses and Changes in Net Position												
(in thousands)	Actual 2017	Projection 2018	Projection 2019	Projection 2020	Projection 2021	Projection 2022	Projection 2023	Projection 2024	Projection 2025	Projection 2026	Projection 2027	Projection 2028
Operating revenues												
Service Revenues	$ 8,692	$ 8,700	$ 8,700	$ 8,700	$ 8,700	$ 8,700	$ 8,700	$ 8,700	$ 8,700	$ 8,700	$ 8,700	$ 8,700
Investment Income	$ 45	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total Revenues	**$ 8,736**	**$ 8,700**	**$ 8,700**	**$ 8,700**	**$ 8,700**	**$ 8,700**	**$ 8,700**	**$ 8,700**	**$ 8,700**	**$ 8,700**	**$ 8,700**	**$ 8,700**
Operating expenses												
Operations and maintenance	$ 4,570	$ 4,657	$ 4,615	$ 4,703	$ 4,661	$ 4,750	$ 4,707	$ 4,797	$ 4,754	$ 4,846	$ 4,802	$ 4,894
Total operating expenses	**$ 4,570**	**$ 4,657**	**$ 4,615**	**$ 4,703**	**$ 4,661**	**$ 4,750**	**$ 4,707**	**$ 4,797**	**$ 4,754**	**$ 4,846**	**$ 4,802**	**$ 4,894**
Net Revenues	**$ 4,167**	**$ 4,043**	**$ 4,085**	**$ 3,997**	**$ 4,039**	**$ 3,950**	**$ 3,992**	**$ 3,902**	**$ 3,945**	**$ 3,854**	**$ 3,897**	**$ 3,805**
Aggregate Debt Service												
Principal	$ 1,640	$ 1,660	$ 1,690	$ 1,725	$ 1,770	$ 1,815	$ 1,870	$ 1,930	$ 1,995	$ 2,065	$ 2,145	$ 2,235
Interest	$ 1,382	$ 1,359	$ 1,330	$ 1,296	$ 1,254	$ 1,206	$ 1,152	$ 1,091	$ 1,026	$ 955	$ 879	$ 788
Total Aggregate Debt Service	**$ 3,022**	**$ 3,019**	**$ 3,020**	**$ 3,021**	**$ 3,024**	**$ 3,021**	**$ 3,022**	**$ 3,021**	**$ 3,021**	**$ 3,020**	**$ 3,024**	**$ 3,023**
Debt service coverage	**1.38**	**1.34**	**1.35**	**1.32**	**1.34**	**1.31**	**1.32**	**1.29**	**1.31**	**1.28**	**1.29**	**1.26**
FC Coverage Target	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15

JEA District Energy System Budget to GAAP	Actual 2017	*** ASSUMPTIO 2018
Revenues:		
Demand	3,583,527	3,773,958
Consumption	5,107,987	4,925,563
Investment Income	44,668	-
Reclass of Investment Income	(44,668)	-
Total Revenues	8,691,514	8,699,521
Miscellaneous Revenues	-	
GAAP Adjusted Revenues	**8,691,514**	**8,699,521**
Expenses:		
Utility Expenses	3,494,134	3,505,147
Non-utility O&M	1,079,380	1,151,614
Increase in liability - terminal leave	(3,895)	
GAAP Adjusted Operating & Maint Expense	**4,569,619**	**4,656,761**
Debt Principal - DES	1,640,000	1,660,000
Reduction to Bonds Payable	(1,640,000)	(1,660,000)
Net Non-I/S Debt Principal	-	-
Debt Interest - DES	1,382,454	1,359,084
Original Issue Discount/Premium Amortization Expense		4,814
Amortization of Loss on Refundings	12,761	9,678
GAAP Adjusted Interest on Debt	**1,395,214**	**1,373,576**
GAAP Adjusted Investment Income	**44,668**	**-**
R&R - DES	437,650	436,809
Transfer to R&R Fund	(437,650)	(436,809)
Net Non-R&R - DES	-	-
Operating Capital Outlay	702,564	586,868
Transfer to R&R Fund	(702,564)	(586,868)
Net Non-Operating Capital Outlay	-	-

Total Revenue	*8,736,182*	*8,699,521*
Total Expenses	*(8,736,182)*	*(8,699,521)*
Budget Check	0	-

NS AND FORECAST DO NOT REPRESENT A MANAGEMENT CASE FORECAST FOR FINANCIAL PURPOSES **

2019	2020	2021	2022	2023	2024
3,773,958	3,773,958	3,773,958	3,773,958	3,773,958	3,773,958
4,925,563	4,925,563	4,925,563	4,925,563	4,925,563	4,925,563
-	-	-	-	-	-
-	-	-	-	-	-
8,699,521	8,699,521	8,699,521	8,699,521	8,699,521	8,699,521
8,699,521	**8,699,521**	**8,699,521**	**8,699,521**	**8,699,521**	**8,699,521**
3,520,341	3,535,630	3,551,016	3,566,499	3,582,081	3,597,761
1,094,364	1,167,362	1,109,582	1,183,353	1,125,038	1,199,591
4,614,704	**4,702,992**	**4,660,598**	**4,749,852**	**4,707,119**	**4,797,352**
1,690,000	1,725,000	1,770,000	1,815,000	1,870,000	1,930,000
(1,690,000)	(1,725,000)	(1,770,000)	(1,815,000)	(1,870,000)	(1,930,000)
-	-	-	-	-	-
1,330,449	1,295,550	1,253,891	1,206,208	1,151,758	1,091,095
4,814	4,814	4,814	4,814	4,814	4,814
12,102	12,102	12,102	12,102	12,102	12,102
1,347,365	**1,312,466**	**1,270,807**	**1,223,123**	**1,168,673**	**1,108,011**
-	**-**	**-**	**-**	**-**	**-**
434,976	434,976	434,976	434,976	434,976	434,976
(434,976)	(434,976)	(434,976)	(434,976)	(434,976)	(434,976)
-	-	-	-	-	-
629,392	541,004	580,056	493,486	535,669	446,099
(629,392)	(541,004)	(580,056)	(493,486)	(535,669)	(446,099)
-	-	-	-	-	-

8,699,521	*8,699,521*	*8,699,521*	*8,699,521*	*8,699,521*	*8,699,521*
(8,699,521)	*(8,699,521)*	*(8,699,521)*	*(8,699,521)*	*(8,699,521)*	*(8,699,521)*
-	-	-	-	-	-

2025	2026	2027	2028	2029	2030
3,773,958	3,773,958	3,773,958	3,773,958	3,773,958	3,773,958
4,925,563	4,925,563	4,925,563	4,925,563	4,925,563	4,925,563
-	-	-	-	-	-
-	-	-	-	-	-
8,699,521	8,699,521	8,699,521	8,699,521	8,699,521	8,699,521
8,699,521	**8,699,521**	**8,699,521**	**8,699,521**	**8,699,521**	**8,699,521**
3,613,541	3,629,422	3,645,403	3,661,486	3,677,672	3,693,960
1,140,737	1,216,079	1,156,682	1,232,823	1,172,878	1,249,826
4,754,278	**4,845,501**	**4,802,085**	**4,894,309**	**4,850,549**	**4,943,787**
1,995,000	2,065,000	2,145,000	2,235,000	2,330,000	2,425,000
(1,995,000)	(2,065,000)	(2,145,000)	(2,235,000)	(2,330,000)	(2,425,000)
-	-	-	-	-	-
1,025,591	954,888	878,607	787,702	692,982	594,237
3,223	1,618	-	-	-	-
12,102	12,102	12,102	12,102	12,102	12,102
1,040,916	**968,608**	**890,709**	**799,804**	**705,084**	**606,339**
-	**-**	**-**	**-**	**-**	**-**
434,976	434,976	434,976	434,976	434,976	434,976
(434,976)	(434,976)	(434,976)	(434,976)	(434,976)	(434,976)
-	-	-	-	-	-
489,677	399,157	438,854	347,535	391,014	301,522
(489,677)	(399,157)	(438,854)	(347,535)	(391,014)	(301,522)
-	-	-	-	-	-

8,699,521	*8,699,521*	*8,699,521*	*8,699,521*	*8,699,521*	*8,699,521*
(8,699,521)	*(8,699,521)*	*(8,699,521)*	*(8,699,521)*	*(8,699,521)*	*(8,699,521)*
-	-	-	-	-	-

2031	2032	2033	2034	2035	2036
3,773,958	3,773,958	3,773,958	3,773,958	3,773,958	3,773,958
4,925,563	4,925,563	4,925,563	4,925,563	4,925,563	4,925,563
-	-	-	-	-	-
-	-	-	-	-	-
8,699,521	8,699,521	8,699,521	8,699,521	8,699,521	8,699,521
8,699,521	**8,699,521**	**8,699,521**	**8,699,521**	**8,699,521**	**8,699,521**
3,710,353	3,726,850	3,743,453	3,760,162	3,776,978	3,793,902
1,189,328	1,267,094	1,206,038	1,284,629	1,223,012	1,302,438
4,899,681	**4,993,944**	**4,949,491**	**5,044,792**	**4,999,990**	**5,096,340**
2,530,000	2,645,000	2,765,000	2,890,000	-	-
(2,530,000)	(2,645,000)	(2,765,000)	(2,890,000)	-	-
-	-	-	-	-	-
491,465	376,654	256,624	131,148	-	-
-	-	-	-	-	-
12,102	12,102	12,102	12,102	-	-
503,568	**388,756**	**268,726**	**143,250**	**-**	**-**
-	**-**	**-**	**-**	**-**	**-**
434,976	434,976	434,976	434,976	434,976	434,976
(434,976)	(434,976)	(434,976)	(434,976)	(434,976)	(434,976)
-	-	-	-	-	-
343,399	248,947	293,430	198,606	3,264,555	3,168,205
(343,399)	(248,947)	(293,430)	(198,606)	(3,264,555)	(3,168,205)
-	-	-	-	-	-

8,699,521	*8,699,521*	*8,699,521*	*8,699,521*	*8,699,521*	*8,699,521*
(8,699,521)	*(8,699,521)*	*(8,699,521)*	*(8,699,521)*	*(8,699,521)*	*(8,699,521)*
-	-	-	-	-	-

JEA District Energy System Budget View	Actual 2017	*** ASSUMPTIONS AND FORECA 2018	 2019
Revenues:			
Demand	3,583,527	3,773,958	3,773,958
Consumption	5,107,987	4,925,563	4,925,563
Investment Income	44,668		
Total Revenues	8,736,182	8,699,521	8,699,521
Expenses:			
Utility Expenses	3,494,134	3,505,147	3,520,341
Non-utility O&M	1,079,380	1,151,614	1,094,364
Debt Principal - DES	1,640,000	1,660,000	1,690,000
Debt Interest - DES	1,382,454	1,359,084	1,330,449
R&R - DES	437,650	436,809	434,976
Operating Capital Outlay	702,564	586,868	629,392
Total Expenses	8,736,182	8,699,521	8,699,521
Total Balance	0	-	-
Debt Service Coverage	**1.38x**	**1.34x**	**1.35x**

* Updated per Tom Mcdonald's DES Capital Cash Forecast 4/24/18

	2017	2018	2019
Capital Fund Balance			
Beg Balance	$ 1,908,569	$ 898,509	$ 1,198,199
R&R and OCO contributions	1,140,214	1,023,677	1,064,368
LOC Tap		-	-
Debt Mgmt Strategy - FY16 balance $2,737,000	-	-	927,907
Capital Outlay	(1,983,482)	(730,000)	(3,108,000)
Change in BS / CF	(166,792)	6,013	117,526
Capital Fund Ending Balance:	$898,509	$1,198,199	$200,000
		$ 1,198	$ 200

*This tab linked to Hyperion tab and plant tabs

ST DO NOT REPRESENT A MANAGEMENT CASE FORECAST FOR FINANCIAL PURPOSES ***

2020	2021	2022	2023	2024	2025
3,773,958	3,773,958	3,773,958	3,773,958	3,773,958	3,773,958
4,925,563	4,925,563	4,925,563	4,925,563	4,925,563	4,925,563
8,699,521	8,699,521	8,699,521	8,699,521	8,699,521	8,699,521
3,535,630	3,551,016	3,566,499	3,582,081	3,597,761	3,613,541
1,167,362	1,109,582	1,183,353	1,125,038	1,199,591	1,140,737
1,725,000	1,770,000	1,815,000	1,870,000	1,930,000	1,995,000
1,295,550	1,253,891	1,206,208	1,151,758	1,091,095	1,025,591
434,976	434,976	434,976	434,976	434,976	434,976
541,004	580,056	493,486	535,669	446,099	489,677
8,699,521	8,699,521	8,699,521	8,699,521	8,699,521	8,699,521
-	-	-	-	-	-
1.32x	**1.34x**	**1.31x**	**1.32x**	**1.29x**	**1.31x**

2020	2021	2022	2023	2024	2025
$ 200,000	$ 200,000	$ 200,000	$ 200,000	$ 200,000	$ 200,000
975,980	1,015,032	928,462	970,645	881,075	924,653
-	-	-	-	502,610	-
321,236	696,790	366,600	323,475	101,156	-
(1,350,000)	(1,783,000)	(1,350,000)	(1,350,000)	(1,550,000)	(708,000)
52,784	71,178	54,939	55,880	65,159	31,019
$200,000	$200,000	$200,000	$200,000	$200,000	$447,671
$ 200	$ 200	$ 200	$ 200	$ 200	$ 448

2026	2027	2028	2029	2030	2031
3,773,958	3,773,958	3,773,958	3,773,958	3,773,958	3,773,958
4,925,563	4,925,563	4,925,563	4,925,563	4,925,563	4,925,563
8,699,521	8,699,521	8,699,521	8,699,521	8,699,521	8,699,521
3,629,422	3,645,403	3,661,486	3,677,672	3,693,960	3,710,353
1,216,079	1,156,682	1,232,823	1,172,878	1,249,826	1,189,328
2,065,000	2,145,000	2,235,000	2,330,000	2,425,000	2,530,000
954,888	878,607	787,702	692,982	594,237	491,465
434,976	434,976	434,976	434,976	434,976	434,976
399,157	438,854	347,535	391,014	301,522	343,399
8,699,521	8,699,521	8,699,521	8,699,521	8,699,521	8,699,521
-	-	-	-	-	-
1.28x	**1.29x**	**1.26x**	**1.27x**	**1.24x**	**1.26x**

2026	2027	2028	2029	2030	2031
$ 447,671	$ 804,279	$ 1,200,922	$ 1,505,534	$ 2,331,524	$ 3,068,022
834,133	873,830	782,511	825,990	736,498	778,375
-	-	-			
-	-	-			
(500,000)	(500,000)	(500,000)			
22,475	22,813	22,102			
$804,279	$1,200,922	$1,505,534	$2,331,524	$3,068,022	$3,846,396
$ 804	$ 1,201	$ 1,506			

2032	2033	2034	2035	2036
3,773,958	3,773,958	3,773,958	3,773,958	3,773,958
4,925,563	4,925,563	4,925,563	4,925,563	4,925,563
8,699,521	8,699,521	8,699,521	8,699,521	8,699,521
3,726,850	3,743,453	3,760,162	3,776,978	3,793,902
1,267,094	1,206,038	1,284,629	1,223,012	1,302,438
2,645,000	2,765,000	2,890,000	0	0
376,654	256,624	131,148	-	-
434,976	434,976	434,976	434,976	434,976
248,947	293,430	198,606	3,264,555	3,168,205
8,699,521	8,699,521	8,699,521	8,699,521	8,699,521
-	-	-	-	-
1.23x	**1.24x**	**1.21x**	**-**	**-**

2032	2033	2034	2035	2036
$ 3,846,396	$ 4,530,320	$ 5,258,726	$ 5,892,307	$ 9,591,839
683,923	728,406	633,582	3,699,531	3,603,181
$4,530,320	$5,258,726	$5,892,307	$9,591,839	$13,195,020

JEA Stabilization Funds	ACTUAL 2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
Debt Management, Beginning	**2,737,164**	**2,737,164**	**2,737,164**	**1,809,257**	**1,488,020**	**791,230**	**424,631**	**101,156**	**-**	**-**	**-**	**-**
Inflows												
Outflows		-	927,907	321,236	696,790	366,600	323,475	101,156	-	-	-	-
Debt Management, Ending	**2,737,164**	**2,737,164**	**1,809,257**	**1,488,020**	**791,230**	**424,631**	**101,156**	**-**	**-**	**-**	**-**	**-**
If Switch to Regulatory Accounting												
Total Rate Stabilization Funds, Beginning	2,737,164	2,737,164	2,737,164	1,809,257	1,488,020	791,230	424,631	101,156	-	-	-	-
Rate Stabilization Transfers(Withdrawals)	-	-	(927,907)	(321,236)	(696,790)	(366,600)	(323,475)	(101,156)	-	-	-	-
Total Rate Stabilization Funds, Ending	2,737,164	2,737,164	1,809,257	1,488,020	791,230	424,631	101,156	-	-	-	-	-
Deferred Inflows												
Costs to be Recovered from Future Revenues												
21/189002 Deferred Revenues - Debt Management	2,737,164	2,737,164	1,809,257	1,488,020	791,230	424,631	101,156	-	-	-	-	-
Total	**2,737,164**	**2,737,164**	**1,809,257**	**1,488,020**	**791,230**	**424,631**	**101,156**	-	-	-	-	-

JEA

Outstanding Debt Service - District Energy System

Debt Service as of October 1, 2017

	Period Ending	DES Debt Service Principal	Interest	Total	Long Term Bonds Payable	10/1/2017		
2017	10/01/17	1,640,000.00	1,382,453.65	3,022,453.65	36,485,000.00			
2018	10/01/18	1,660,000.00	1,359,083.65	3,019,083.65	34,825,000.00	1.0	1,660,000	
2019	10/01/19	1,690,000.00	1,330,448.65	3,020,448.65	33,135,000.00	2.0	3,380,000	
2020	10/01/20	1,725,000.00	1,295,550.15	3,020,550.15	31,410,000.00	3.0	5,175,000	
2021	10/01/21	1,770,000.00	1,253,891.40	3,023,891.40	29,640,000.00	4.0	7,080,000	
2022	10/01/22	1,815,000.00	1,206,207.60	3,021,207.60	27,825,000.00	5.0	9,075,000	
2023	10/01/23	1,870,000.00	1,151,757.60	3,021,757.60	25,955,000.00	6.0	11,220,000	
2024	10/01/24	1,930,000.00	1,091,094.80	3,021,094.80	24,025,000.00	7.0	13,510,000	
2025	10/01/25	1,995,000.00	1,025,590.60	3,020,590.60	22,030,000.00	8.0	15,960,000	
2026	10/01/26	2,065,000.00	954,887.80	3,019,887.80	19,965,000.00	9.0	18,585,000	
2027	10/01/27	2,145,000.00	878,606.70	3,023,606.70	17,820,000.00	10.0	21,450,000	
2028	10/01/28	2,235,000.00	787,701.60	3,022,701.60	15,585,000.00	11.0	24,585,000	
2029	10/01/29	2,330,000.00	692,982.30	3,022,982.30	13,255,000.00	12.0	27,960,000	
2030	10/01/30	2,425,000.00	594,236.90	3,019,236.90	10,830,000.00	13.0	31,525,000	
2031	10/01/31	2,530,000.00	491,465.40	3,021,465.40	8,300,000.00	14.0	35,420,000	
2032	10/01/32	2,645,000.00	376,654.00	3,021,654.00	5,655,000.00	15.0	39,675,000	
2033	10/01/33	2,765,000.00	256,623.90	3,021,623.90	2,890,000.00	16.0	44,240,000	
2034	10/01/34	2,890,000.00	131,148.20	3,021,148.20	0.00	17.0	49,130,000	
2035	10/01/35	0.00	0.00	0.00	0.00	18.0	-	
2036	10/01/36	0.00	0.00	0.00	0.00	19.0	-	
2037	10/01/37	0.00	0.00	0.00	0.00	20.0	-	
2038	10/01/38	0.00	0.00	0.00	0.00	21.0	-	
2039	10/01/39	0.00	0.00	0.00	0.00	22.0	-	
2040	10/01/40	0.00	0.00	0.00	0.00	23.0	-	
		$ 38,125,000.00	$ 16,260,384.90	$ 54,385,384.90			359,630,000	9.43

	os debt balance	AFUDC Rate
9/30/2017	38,125,000	
9/30/2018	36,485,000	3.725%
9/30/2019	34,825,000	3.820%
9/30/2020	33,135,000	3.910%
9/30/2021	31,410,000	3.992%
9/30/2022	29,640,000	4.070%
9/30/2023	27,825,000	4.139%
9/30/2024	25,955,000	4.204%
9/30/2025	24,025,000	4.269%
9/30/2026	22,030,000	4.334%
9/30/2027	19,965,000	4.401%
9/30/2028	17,820,000	4.420%
9/30/2029	15,585,000	4.446%
9/30/2030	13,255,000	4.483%
9/30/2031	10,830,000	4.538%
9/30/2032	8,300,000	4.538%
9/30/2033	5,655,000	4.538%
9/30/2034	2,890,000	4.538%
9/30/2035	-	
9/30/2036	-	
9/30/2037	-	
9/30/2038	-	
9/30/2039	-	
9/30/2040	-	

<<WAL

	FY	Due one year	LT
Balance end of	2017	1,640,000	36,485,000
Balance end of	2018	1,660,000	34,825,000
Balance end of	2019	1,690,000	33,135,000
Balance end of	2020	1,725,000	31,410,000
Balance end of	2021	1,770,000	29,640,000
Balance end of	2022	1,815,000	27,825,000
Balance end of	2023	1,870,000	25,955,000
Balance end of	2024	1,930,000	24,025,000
Balance end of	2025	1,995,000	22,030,000
Balance end of	2026	2,065,000	19,965,000
Balance end of	2027	2,145,000	17,820,000
Balance end of	2028	2,235,000	15,585,000
Balance end of	2029	2,330,000	13,255,000
Balance end of	2030	2,425,000	10,830,000
Balance end of	2031	2,530,000	8,300,000
Balance end of	2032	2,645,000	5,655,000
Balance end of	2033	2,765,000	2,890,000
Balance end of	2034	2,890,000	-
Balance end of	2035	-	-
Balance end of	2036	-	-
Balance end of	2037	-	-
Balance end of	2038	-	-
Balance end of	2039	-	-
Balance end of	2040	-	-

CF Principal	CF Interest	I/S Interest
1,640,000	1,382,454	1,382,454
1,660,000	1,359,084	1,359,084
1,690,000	1,330,449	1,330,449
1,725,000	1,295,550	1,295,550
1,770,000	1,253,891	1,253,891
1,815,000	1,206,208	1,206,208
1,870,000	1,151,758	1,151,758
1,930,000	1,091,095	1,091,095
1,995,000	1,025,591	1,025,591
2,065,000	954,888	954,888
2,145,000	878,607	878,607
2,235,000	787,702	787,702
2,330,000	692,982	692,982
2,425,000	594,237	594,237
2,530,000	491,465	491,465
2,645,000	376,654	376,654
2,765,000	256,624	256,624
2,890,000	131,148	131,148
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

	2008	2009	2010	2011
LOAD FACTOR				
Hogan's	75.2%	31.7%	36.6%	37.6%
Downtown	67.2%	35.2%	30.4%	45.7%
Springfield	96.7%	53.3%	54.3%	54.1%
San Marco	306.5%	62.0%	53.7%	55.1%
NET REVENUE				
Hogan's	21,806	(72,510)	(65,380)	(60,130)
Downtown	17,614	(72,707)	(108,310)	(40,634)
Springfield	185,442	(15,138)	(7,572)	(10,823)
San Marco	21,376	3,301	(782)	30
Total	**246,238**	**(157,055)**	**(182,044)**	**(111,556)**
COST RECOVERY PERCENTAGE				
Hogan's	106%	84%	87%	88%
Downtown	104%	87%	80%	94%
Springfield	111%	99%	100%	99%
San Marco	127%	103%	99%	100%
TON HOUR GROSS MARGIN	*Total Revenues less utility costs			
Hogan's	644,496	567,466	551,107	487,101
Downtown	464,064	368,657	1,107,066	1,306,559
Springfield	2,290,080	2,649,222	2,650,474	2,532,647
San Marco	181,504	75,702	141,662	142,341
Total	**3,580,144**	**3,661,048**	**4,450,309**	**4,468,649**

t

2012	2013	2014	2015	2016	2017	2018
31.8%	32.6%	35.0%	35.1%	31.2%	36.0%	-
44.5%	47.5%	44.6%	46.2%	42.4%	42.6%	-
54.8%	52.8%	57.2%	55.4%	58.2%	46.7%	-
52.1%	47.6%	51.4%	57.8%	50.8%	48.0%	-
(93,363)	(91,539)	(79,103)	(78,837)	(95,269)	(63,877)	
(59,046)	(43,083)	(66,819)	(59,160)	(85,090)	(78,289)	
(2,290)	(26,446)	25,696	4,842	38,361	(118,650)	
(1,605)	(4,372)	(2,166)	1,562	(2,777)	(4,550)	
(156,304)	**(165,440)**	**(122,393)**	**(131,593)**	**(144,774)**	**(265,367)**	**-**
82%	82%	84%	84%	79%	84%	
93%	95%	93%	94%	90%	91%	
100%	99%	101%	100%	102%	94%	
98%	95%	98%	102%	97%	95%	
449,456	453,011	457,233	513,703	560,809	611,609	599,597
1,500,986	1,659,849	1,754,118	1,856,475	1,995,390	2,101,111	1,791,746
2,674,505	2,595,014	2,628,222	2,518,112	2,486,963	2,344,444	2,659,816
139,739	132,836	129,597	106,431	165,318	140,215	139,089
4,764,686	**4,840,709**	**4,969,171**	**4,994,721**	**5,208,480**	**5,197,379**	**5,190,249**

2019	2020	2021	2022	2023	2024	2025
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
595,432	591,225	586,976	582,686	578,353	573,977	569,558
1,791,746	1,791,746	1,791,746	1,791,746	1,791,746	1,791,746	1,791,746
2,649,216	2,638,563	2,627,857	2,617,098	2,606,284	2,595,417	2,584,495
138,621	138,151	137,678	137,202	136,724	136,244	135,762
5,175,015	**5,159,685**	**5,144,257**	**5,128,732**	**5,113,108**	**5,097,384**	**5,081,561**

2026	2027	2028	2029	2030	2031	2032
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
565,095	560,588	556,037	551,440	546,798	542,110	537,376
1,791,746	1,791,746	1,791,746	1,791,746	1,791,746	1,791,746	1,791,746
2,573,519	2,562,487	2,551,401	2,540,259	2,529,062	2,517,808	2,506,498
135,277	134,790	134,300	133,808	133,313	132,816	132,316
5,065,637	**5,049,612**	**5,033,484**	**5,017,253**	**5,000,919**	**4,984,480**	**4,967,937**

2033	2034	2035	2036
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
532,595	527,767	522,890	517,966
1,791,746	1,791,746	1,791,746	1,791,746
2,495,132	2,483,709	2,472,228	2,460,691
131,814	131,309	130,802	130,292
4,951,287	**4,934,531**	**4,917,667**	**4,900,695**

Hogan's Creek Plant Summary JEA		Actual 2016	Actual 2017
Revenues			
Demand:			
Arena	$	547,080	547,080
Ball Park		59,905	70,463
Future		-	-
Total Demand Revenue		606,985	617,543
Consumption:			
Arena		361,755	367,369
Ball Park		61,839	48,652
Future		-	-
Total Consumption Revenue		423,593	416,020
Other Revenue		-	-
Total Revenue	$	1,030,578	1,033,563
Expenses			
Utilities:			
Electricity		449,759	403,039
Water and Sewer		20,010	18,915
Sub-Total Utilities		469,769	421,954
non-utility O&M		134,185	118,778
Total Expenses		603,954	540,732
Net Cash From Operating Activities		426,624	492,831

Revenue Summary		
Tons Demand - Contract		
Arena	2,350	2,350
Ball Park	280	280
Future	-	-
Total Demand	2,630	2,630
Tons Demand - Billed		
Arena	28,200	28,200
Ball Park	3,360	3,360
Future	-	-
Total Demand Billed	31,560	31,560
Demand Rates		
Arena	$19.40	$19.40

Ball Park	$19.40	$19.40
Future	$0.00	$0.00
Ton-hrs Consumption		
Arena	3,297,320	3,455,594
Ball Park	678,200	455,963
Future	-	-
Total Consumption	3,975,520	3,911,557
Consumption Yields - $/ton hour		
Arena	0.11	0.11
Ball Park	0.09	0.11
Future	-	-
Consumption Rates		
> 200 TD, <= 2,400 EFLH	0.10973	0.10569
> 200 TD, > 2,400 EFLH	0.09273	0.08869
< 200 TD, <2400 EFLH	0.19973	0.19569
EFLH		
Arena	1,403	1,470
Ball Park	2,422	1,628
Future	-	-

O&M INPUT

Utility Expense:		
kWh/ton hour	1.10	1.07
Water kgal/ton hour	0.0050	0.0038
Sewer kgal/ton hour	0.000084	0.000013
Ton Hours	3,975,520	3,911,557
kWh	4,361,222	4,199,248
Water kgal	19,947	15,014
Sewer kgal	335	49
$/kWh	0.1031	0.0960
$/Water kgal	0.93	1.24
$/Sewer kgal	4.50	6.02
Electric Expense - Calculated	449,759	403,039
Electric Expense - Actual	449,759	403,039
Water Expense - Calculated	18,502	18,618

Water Expense - Actual	18,502	18,618
Sewer Expense - Calculated	1,508	297
Sewer Expense - Actual	1,508	297
Non-Utility O&M Expense:		
Non-Utillity O&M - Direct Cost	36,968	
Non-Utillity O&M - Common Cost	97,218	
Non- Utility O&M Escalation		

2018	2019	2020	2021	2022	2023	2024
547,080	547,080	547,080	547,080	547,080	547,080	547,080
65,184	65,184	65,184	65,184	65,184	65,184	65,184
-	-	-	-	-	-	-
612,264	612,264	612,264	612,264	612,264	612,264	612,264
365,222	365,222	365,222	365,222	365,222	365,222	365,222
48,191	48,191	48,191	48,191	48,191	48,191	48,191
-	-	-	-	-	-	-
413,412	413,412	413,412	413,412	413,412	413,412	413,412
-	-	-	-	-	-	-
1,025,676	1,025,676	1,025,676	1,025,676	1,025,676	1,025,676	1,025,676
407,070	411,140	415,252	419,404	423,598	427,834	432,113
19,010	19,105	19,200	19,296	19,393	19,490	19,587
426,079	430,245	434,452	438,700	442,991	447,324	451,700
119,966	121,165	122,377	123,601	124,837	126,085	127,346
546,045	551,410	556,829	562,301	567,828	573,409	579,046
479,631	474,266	468,847	463,375	457,849	452,267	446,631
2,350	2,350	2,350	2,350	2,350	2,350	2,350
280	280	280	280	280	280	280
-	-	-	-	-	-	-
2,630	2,630	2,630	2,630	2,630	2,630	2,630
28,200	28,200	28,200	28,200	28,200	28,200	28,200
3,360	3,360	3,360	3,360	3,360	3,360	3,360
-	-	-	-	-	-	-
31,560	31,560	31,560	31,560	31,560	31,560	31,560
$19.40	$19.40	$19.40	$19.40	$19.40	$19.40	$19.40

$19.40	$19.40	$19.40	$19.40	$19.40	$19.40	$19.40
$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
3,455,594	3,455,594	3,455,594	3,455,594	3,455,594	3,455,594	3,455,594
455,963	455,963	455,963	455,963	455,963	455,963	455,963
-	-	-	-	-	-	-
3,911,557	3,911,557	3,911,557	3,911,557	3,911,557	3,911,557	3,911,557
0.11	0.11	0.11	0.11	0.11	0.11	0.11
0.11	0.11	0.11	0.11	0.11	0.11	0.11
-	-	-	-	-	-	-
0.10569	0.10569	0.10569	0.10569	0.10569	0.10569	0.10569
0.08869	0.08869	0.08869	0.08869	0.08869	0.08869	0.08869
0.19569	0.19569	0.19569	0.19569	0.19569	0.19569	0.19569
1,470	1,470	1,470	1,470	1,470	1,470	1,470
1,628	1,628	1,628	1,628	1,628	1,628	1,628
-	-	-	-	-	-	-

1.07	1.07	1.07	1.07	1.07	1.07	1.07
0.0038	0.0038	0.0038	0.0038	0.0038	0.0038	0.0038
0.000013	0.000013	0.000013	0.000013	0.000013	0.000013	0.000013
3,911,557	3,911,557	3,911,557	3,911,557	3,911,557	3,911,557	3,911,557
4,199,248	4,199,248	4,199,248	4,199,248	4,199,248	4,199,248	4,199,248
15,014	15,014	15,014	15,014	15,014	15,014	15,014
49	49	49	49	49	49	49
0.0969	0.0979	0.0989	0.0999	0.1009	0.1019	0.1029
-	-	-	-	-	-	-
-	-	-	-	-	-	-
407,070	411,140	415,252	419,404	423,598	427,834	432,113
-	-	-	-	-	-	-

- - - - - - -

2025	2026	2027	2028	2029	2030	2031
547,080	547,080	547,080	547,080	547,080	547,080	547,080
65,184	65,184	65,184	65,184	65,184	65,184	65,184
-	-	-	-	-	-	-
612,264	612,264	612,264	612,264	612,264	612,264	612,264
365,222	365,222	365,222	365,222	365,222	365,222	365,222
48,191	48,191	48,191	48,191	48,191	48,191	48,191
-	-	-	-	-	-	-
413,412	413,412	413,412	413,412	413,412	413,412	413,412
-	-	-	-	-	-	-
1,025,676	1,025,676	1,025,676	1,025,676	1,025,676	1,025,676	1,025,676
436,434	440,798	445,206	449,658	454,155	458,696	463,283
19,685	19,783	19,882	19,982	20,082	20,182	20,283
456,119	460,581	465,088	469,640	474,236	478,878	483,566
128,620	129,906	131,205	132,517	133,842	135,180	136,532
584,738	590,487	596,293	602,157	608,078	614,059	620,098
440,938	435,189	429,383	423,520	417,598	411,618	405,578
2,350	2,350	2,350	2,350	2,350	2,350	2,350
280	280	280	280	280	280	280
-	-	-	-	-	-	-
2,630	2,630	2,630	2,630	2,630	2,630	2,630
28,200	28,200	28,200	28,200	28,200	28,200	28,200
3,360	3,360	3,360	3,360	3,360	3,360	3,360
-	-	-	-	-	-	-
31,560	31,560	31,560	31,560	31,560	31,560	31,560
$19.40	$19.40	$19.40	$19.40	$19.40	$19.40	$19.40

$19.40	$19.40	$19.40	$19.40	$19.40	$19.40	$19.40
$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
3,455,594	3,455,594	3,455,594	3,455,594	3,455,594	3,455,594	3,455,594
455,963	455,963	455,963	455,963	455,963	455,963	455,963
-	-	-	-	-	-	-
3,911,557	3,911,557	3,911,557	3,911,557	3,911,557	3,911,557	3,911,557
0.11	0.11	0.11	0.11	0.11	0.11	0.11
0.11	0.11	0.11	0.11	0.11	0.11	0.11
-	-	-	-	-	-	-
0.10569	0.10569	0.10569	0.10569	0.10569	0.10569	0.10569
0.08869	0.08869	0.08869	0.08869	0.08869	0.08869	0.08869
0.19569	0.19569	0.19569	0.19569	0.19569	0.19569	0.19569
1,470	1,470	1,470	1,470	1,470	1,470	1,470
1,628	1,628	1,628	1,628	1,628	1,628	1,628
-	-	-	-	-	-	-
1.07	1.07	1.07	1.07	1.07	1.07	1.07
0.0038	0.0038	0.0038	0.0038	0.0038	0.0038	0.0038
0.000013	0.000013	0.000013	0.000013	0.000013	0.000013	0.000013
3,911,557	3,911,557	3,911,557	3,911,557	3,911,557	3,911,557	3,911,557
4,199,248	4,199,248	4,199,248	4,199,248	4,199,248	4,199,248	4,199,248
15,014	15,014	15,014	15,014	15,014	15,014	15,014
49	49	49	49	49	49	49
0.1039	0.1050	0.1060	0.1071	0.1082	0.1092	0.1103
-	-	-	-	-	-	-
-	-	-	-	-	-	-
436,434	440,798	445,206	449,658	454,155	458,696	463,283
-	-	-	-	-	-	-

- - - - - - -

2032	2033	2034	2035	2036
547,080	547,080	547,080	547,080	547,080
65,184	65,184	65,184	65,184	65,184
-	-	-	-	-
612,264	612,264	612,264	612,264	612,264
365,222	365,222	365,222	365,222	365,222
48,191	48,191	48,191	48,191	48,191
-	-	-	-	-
413,412	413,412	413,412	413,412	413,412
-	-	-	-	-
1,025,676	1,025,676	1,025,676	1,025,676	1,025,676
467,916	472,595	477,321	482,094	486,915
20,384	20,486	20,589	20,692	20,795
488,300	493,081	497,910	502,786	507,710
137,898	139,277	140,669	142,076	143,497
626,198	632,358	638,579	644,862	651,207
399,478	393,318	387,097	380,814	374,469
2,350	2,350	2,350	2,350	2,350
280	280	280	280	280
-	-	-	-	-
2,630	2,630	2,630	2,630	2,630
28,200	28,200	28,200	28,200	28,200
3,360	3,360	3,360	3,360	3,360
-	-	-	-	-
31,560	31,560	31,560	31,560	31,560
$19.40	$19.40	$19.40	$19.40	$19.40

$19.40	$19.40	$19.40	$19.40	$19.40
$0.00	$0.00	$0.00	$0.00	$0.00
3,455,594	3,455,594	3,455,594	3,455,594	3,455,594
455,963	455,963	455,963	455,963	455,963
-	-	-	-	-
3,911,557	3,911,557	3,911,557	3,911,557	3,911,557
0.11	0.11	0.11	0.11	0.11
0.11	0.11	0.11	0.11	0.11
-	-	-	-	-
0.10569	0.10569	0.10569	0.10569	0.10569
0.08869	0.08869	0.08869	0.08869	0.08869
0.19569	0.19569	0.19569	0.19569	0.19569
1,470	1,470	1,470	1,470	1,470
1,628	1,628	1,628	1,628	1,628
-	-	-	-	-
1.07	1.07	1.07	1.07	1.07
0.0038	0.0038	0.0038	0.0038	0.0038
0.000013	0.000013	0.000013	0.000013	0.000013
3,911,557	3,911,557	3,911,557	3,911,557	3,911,557
4,199,248	4,199,248	4,199,248	4,199,248	4,199,248
15,014	15,014	15,014	15,014	15,014
49	49	49	49	49
0.1114	0.1125	0.1137	0.1148	0.1160
-	-	-	-	-
-	-	-	-	-
467,916	472,595	477,321	482,094	486,915
-	-	-	-	-



Downtown Plant Summary JEA		Actual 2016	Actual 2017	2018
Revenues				
Demand:				
Library	$	238,800	246,183	238,800
Judicial Complex		1,226,184	1,226,184	1,074,546
Library (Commercial)		-	-	20,298
JEA Plaza		168,000	176,859	151,200
City Hall Annex		-	-	-
Future		-	-	-
Total Demand Revenue		1,632,984	1,649,225	1,484,844
Consumption:				
Library		303,250	297,652	273,904
Judicial Complex		761,299	693,966	578,591
Library (Commercial)		-	-	-
JEA Plaza		222,160	329,847	323,986
City Hall Annex		-	-	-
Future		-	-	-
Total Consumption Revenue		1,286,710	1,321,465	1,176,482
Other Revenue		-	-	-
Total Revenue	$	2,919,694	2,970,691	2,661,326
Expenses				
Utilities:				
Electricity		894,994	834,984	843,334
Water and Sewer		29,310	34,595	34,768
Sub-Total Utilities		924,304	869,579	869,579
non-utility O&M		298,333	277,836	280,615
Total Expenses		1,222,637	1,147,416	1,150,194
Net Cash From Operating Activities		1,697,057	1,823,275	1,511,132

Revenue Summary			
Tons Demand - Contract			
Library	1,000	1,000	1,000
Judicial Complex	3,350	3,350	3,350
Library (Commercial)	85	85	85
JEA Plaza	700	700	700
City Hall Annex	-	-	-
Future	-	-	-
Total Demand	5,135	5,135	5,135

Tons Demand - Billed			
Library	12,000	12,371	12,000
Judicial Complex	47,820	47,820	40,200
Library (Commercial)	-	-	1,020
JEA Plaza	8,400	8,843	8,400
City Hall Annex	-	-	-
Future	-	-	-
Total Demand Billed	68,220	69,034	61,620
Demand Rates			
Library	19.90	19.90	19.90
Judicial Complex	26.73	26.73	26.73
Library (Commercial)	19.90	19.90	19.90
JEA Plaza	18.00	18.00	18.00
City Hall Annex	-	-	-
Future	-	-	-
Ton-hrs Consumption			
Library	2,673,443	2,591,583	2,591,583
Judicial Complex	6,994,690	6,523,747	6,523,747
Library (Commercial)	-	0	-
JEA Plaza	1,984,060	3,065,439	3,065,439
City Hall Annex	-	-	-
Future	-	-	-
Total Consumption	11,652,193	12,180,769	12,180,769
Consumption Yields - $/ton hour			
Library	0.11	0.11	0.11
Judicial Complex	0.11	0.11	0.09
Library (Commercial)	-	-	0.00
JEA Plaza	0.11	0.11	0.11
City Hall Annex	-	-	0.00
Future	-	-	0.00
Consumption Rates			
> 200 TD, <= 2,400 EFLH	$0.10973	$0.10569	0.10569
> 200 TD, > 2,400 EFLH	$0.09273	$0.08869	0.08869
< 200 TD, <2400 EFLH	$0.19973	$0.19569	0.19569
EFLH			
Library	2,673	2,592	2,592
Judicial Complex	2,088	1,947	1,947
Library (Commercial)	-	-	-
JEA Plaza	2,834	4,379	4,379
City Hall Annex	-	-	-
Future	-	-	-

O&M INPUT

Utility Expense:			
kWh/ton hour	0.85	0.77	
Water kgal/ton hour	0.0027	0.0023	
Sewer kgal/ton hour	0.000003	0.000005	
Ton Hours	11,652,193	12,180,769	12,180,769
kWh	9,927,545	9,328,030	-
Water kgal	31,425	27,579	-
Sewer kgal	36	66	-
$/kWh	0.0902	0.0895	-
$/Water kgal	0.9275	1.2400	-
$/Sewer kgal	4.5037	6.0204	-
Electric Expense - Calculated	894,994	834,984	-
Electric Expense - Actual	894,994	834,984	
Water Expense - Calculated	29,147	34,198	-
Water Expense - Actual	29,147	34,198	
Sewer Expense - Calculated	163	397	
Sewer Expense - Actual	163	397	
Non-Utility O&M Expense:			
Non-Utillity O&M - Direct Cost			
Non-Utillity O&M - Common Cost			
Non- Utility O&M Escalation			

2019	2020	2021	2022	2023	2024	2025
238,800	238,800	238,800	238,800	238,800	238,800	238,800
1,074,546	1,074,546	1,074,546	1,074,546	1,074,546	1,074,546	1,074,546
20,298	20,298	20,298	20,298	20,298	20,298	20,298
151,200	151,200	151,200	151,200	151,200	151,200	151,200
-	-	-	-	-	-	-
-	-	-	-	-	-	-
1,484,844	1,484,844	1,484,844	1,484,844	1,484,844	1,484,844	1,484,844
273,904	273,904	273,904	273,904	273,904	273,904	273,904
578,591	578,591	578,591	578,591	578,591	578,591	578,591
-	-	-	-	-	-	-
323,986	323,986	323,986	323,986	323,986	323,986	323,986
-	-	-	-	-	-	-
-	-	-	-	-	-	-
1,176,482	1,176,482	1,176,482	1,176,482	1,176,482	1,176,482	1,176,482
-	-	-	-	-	-	-
2,661,326	2,661,326	2,661,326	2,661,326	2,661,326	2,661,326	2,661,326
851,767	860,285	868,888	877,577	886,352	895,216	904,168
34,942	35,117	35,292	35,469	35,646	35,824	36,004
869,579	869,579	869,579	869,579	869,579	869,579	869,579
283,421	286,255	289,118	292,009	294,929	297,878	300,857
1,153,000	1,155,835	1,158,697	1,161,588	1,164,508	1,167,458	1,170,436
1,508,325	1,505,491	1,502,629	1,499,738	1,496,817	1,493,868	1,490,889
1000	1000	1000	1000	1000	1000	1000
3350	3350	3350	3350	3350	3350	3350
85	85	85	85	85	85	85
700	700	700	700	700	700	700
-	-	-	-	-	-	-
-	-	-	-	-	-	-
5,135	5,135	5,135	5,135	5,135	5,135	5,135

12,000	12,000	12,000	12,000	12,000	12,000	12,000
40,200	40,200	40,200	40,200	40,200	40,200	40,200
1,020	1,020	1,020	1,020	1,020	1,020	1,020
8,400	8,400	8,400	8,400	8,400	8,400	8,400
-	-	-	-	-	-	-
-	-	-	-	-	-	-
61,620	61,620	61,620	61,620	61,620	61,620	61,620
19.90	19.90	19.90	19.90	19.90	19.90	19.90
26.73	26.73	26.73	26.73	26.73	26.73	26.73
19.90	19.90	19.90	19.90	19.90	19.90	19.90
18.00	18.00	18.00	18.00	18.00	18.00	18.00
-	-	-	-	-	-	-
-	-	-	-	-	-	-
2,591,583	2,591,583	2,591,583	2,591,583	2,591,583	2,591,583	2,591,583
6,523,747	6,523,747	6,523,747	6,523,747	6,523,747	6,523,747	6,523,747
-	-	-	-	-	-	-
3,065,439	3,065,439	3,065,439	3,065,439	3,065,439	3,065,439	3,065,439
-	-	-	-	-	-	-
-	-	-	-	-	-	-
12,180,769	12,180,769	12,180,769	12,180,769	12,180,769	12,180,769	12,180,769
0.11	0.11	0.11	0.11	0.11	0.11	0.11
0.09	0.09	0.09	0.09	0.09	0.09	0.09
0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.11	0.11	0.11	0.11	0.11	0.11	0.11
0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.10569	0.10569	0.10569	0.10569	0.10569	0.10569	0.10569
0.08869	0.08869	0.08869	0.08869	0.08869	0.08869	0.08869
0.19569	0.19569	0.19569	0.19569	0.19569	0.19569	0.19569
2,592	2,592	2,592	2,592	2,592	2,592	2,592
1,947	1,947	1,947	1,947	1,947	1,947	1,947
-	-	-	-	-	-	-
4,379	4,379	4,379	4,379	4,379	4,379	4,379
-	-	-	-	-	-	-
-	-	-	-	-	-	-

12,180,769	12,180,769	12,180,769	12,180,769	12,180,769	12,180,769	12,180,769
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-

2026	2027	2028	2029	2030	2031	2032
238,800	238,800	238,800	238,800	238,800	238,800	238,800
1,074,546	1,074,546	1,074,546	1,074,546	1,074,546	1,074,546	1,074,546
20,298	20,298	20,298	20,298	20,298	20,298	20,298
151,200	151,200	151,200	151,200	151,200	151,200	151,200
-	-	-	-	-	-	-
-	-	-	-	-	-	-
1,484,844	1,484,844	1,484,844	1,484,844	1,484,844	1,484,844	1,484,844
273,904	273,904	273,904	273,904	273,904	273,904	273,904
578,591	578,591	578,591	578,591	578,591	578,591	578,591
-	-	-	-	-	-	-
323,986	323,986	323,986	323,986	323,986	323,986	323,986
-	-	-	-	-	-	-
-	-	-	-	-	-	-
1,176,482	1,176,482	1,176,482	1,176,482	1,176,482	1,176,482	1,176,482
-	-	-	-	-	-	-
2,661,326	2,661,326	2,661,326	2,661,326	2,661,326	2,661,326	2,661,326
913,210	922,342	931,565	940,881	950,290	959,793	969,391
36,184	36,365	36,546	36,729	36,913	37,097	37,283
869,579	869,579	869,579	869,579	869,579	869,579	869,579
303,866	306,904	309,973	313,073	316,204	319,366	322,560
1,173,445	1,176,484	1,179,553	1,182,652	1,185,783	1,188,945	1,192,139
1,487,881	1,484,842	1,481,773	1,478,673	1,475,543	1,472,381	1,469,187
1000	1000	1000	1000	1000	1000	1000
3350	3350	3350	3350	3350	3350	3350
85	85	85	85	85	85	85
700	700	700	700	700	700	700
-	-	-	-	-	-	-
-	-	-	-	-	-	-
5,135	5,135	5,135	5,135	5,135	5,135	5,135

12,000	12,000	12,000	12,000	12,000	12,000	12,000
40,200	40,200	40,200	40,200	40,200	40,200	40,200
1,020	1,020	1,020	1,020	1,020	1,020	1,020
8,400	8,400	8,400	8,400	8,400	8,400	8,400
-	-	-	-	-	-	-
-	-	-	-	-	-	-
61,620	61,620	61,620	61,620	61,620	61,620	61,620
19.90	19.90	19.90	19.90	19.90	19.90	19.90
26.73	26.73	26.73	26.73	26.73	26.73	26.73
19.90	19.90	19.90	19.90	19.90	19.90	19.90
18.00	18.00	18.00	18.00	18.00	18.00	18.00
-	-	-	-	-	-	-
-	-	-	-	-	-	-
2,591,583	2,591,583	2,591,583	2,591,583	2,591,583	2,591,583	2,591,583
6,523,747	6,523,747	6,523,747	6,523,747	6,523,747	6,523,747	6,523,747
-	-	-	-	-	-	-
3,065,439	3,065,439	3,065,439	3,065,439	3,065,439	3,065,439	3,065,439
-	-	-	-	-	-	-
-	-	-	-	-	-	-
12,180,769	12,180,769	12,180,769	12,180,769	12,180,769	12,180,769	12,180,769
0.11	0.11	0.11	0.11	0.11	0.11	0.11
0.09	0.09	0.09	0.09	0.09	0.09	0.09
0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.11	0.11	0.11	0.11	0.11	0.11	0.11
0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.10569	0.10569	0.10569	0.10569	0.10569	0.10569	0.10569
0.08869	0.08869	0.08869	0.08869	0.08869	0.08869	0.08869
0.19569	0.19569	0.19569	0.19569	0.19569	0.19569	0.19569
2,592	2,592	2,592	2,592	2,592	2,592	2,592
1,947	1,947	1,947	1,947	1,947	1,947	1,947
-	-	-	-	-	-	-
4,379	4,379	4,379	4,379	4,379	4,379	4,379
-	-	-	-	-	-	-
-	-	-	-	-	-	-

12,180,769	12,180,769	12,180,769	12,180,769	12,180,769	12,180,769	12,180,769
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-

2033	2034	2035	2036
238,800	238,800	238,800	238,800
1,074,546	1,074,546	1,074,546	1,074,546
20,298	20,298	20,298	20,298
151,200	151,200	151,200	151,200
-	-	-	-
-	-	-	-
1,484,844	1,484,844	1,484,844	1,484,844
273,904	273,904	273,904	273,904
578,591	578,591	578,591	578,591
-	-	-	-
323,986	323,986	323,986	323,986
-	-	-	-
-	-	-	-
1,176,482	1,176,482	1,176,482	1,176,482
-	-	-	-
2,661,326	2,661,326	2,661,326	2,661,326
979,084	988,875	998,764	1,008,752
37,469	37,657	37,845	38,034
869,579	869,579	869,579	869,579
325,785	329,043	332,333	335,657
1,195,364	1,198,622	1,201,913	1,205,236
1,465,961	1,462,703	1,459,413	1,456,090
1000	1000	1000	1000
3350	3350	3350	3350
85	85	85	85
700	700	700	700
-	-	-	-
-	-	-	-
5,135	5,135	5,135	5,135

12,000	12,000	12,000	12,000
40,200	40,200	40,200	40,200
1,020	1,020	1,020	1,020
8,400	8,400	8,400	8,400
-	-	-	-
-	-	-	-
61,620	61,620	61,620	61,620

19.90	19.90	19.90	19.90
26.73	26.73	26.73	26.73
19.90	19.90	19.90	19.90
18.00	18.00	18.00	18.00
-	-	-	-
-	-	-	-

2,591,583	2,591,583	2,591,583	2,591,583
6,523,747	6,523,747	6,523,747	6,523,747
-	-	-	-
3,065,439	3,065,439	3,065,439	3,065,439
-	-	-	-
-	-	-	-
12,180,769	12,180,769	12,180,769	12,180,769

0.11	0.11	0.11	0.11
0.09	0.09	0.09	0.09
0.00	0.00	0.00	0.00
0.11	0.11	0.11	0.11
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00

0.10569	0.10569	0.10569	0.10569
0.08869	0.08869	0.08869	0.08869
0.19569	0.19569	0.19569	0.19569

2,592	2,592	2,592	2,592
1,947	1,947	1,947	1,947
-	-	-	-
4,379	4,379	4,379	4,379
-	-	-	-
-	-	-	-

12,180,769	12,180,769	12,180,769	12,180,769
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

Springfield Plant Summary JEA		Actual 2016	Actual 2017	2018
Revenues				
Demand:				
Florida Proton Therapy Institute	$	251,850	255,100	226,860
Shands Jacksonville		1,185,118	936,742	1,307,430
Univ. of Fla. College of Medicine		(13,324)	(17,643)	-
Future		-	-	-
Total Demand Revenue		1,423,643	1,174,199	1,534,290
Consumption:				
Florida Proton Therapy Institute		348,008	347,846	345,611
Shands Jacksonville		2,683,761	2,842,007	2,810,389
Univ. of Fla. College of Medicine		61,481	89,802	89,483
Future		-	-	-
Total Consumption Revenue		3,093,249	3,279,655	3,245,482
Other Revenue		-		
Total Revenue	$	4,516,892	4,453,853	4,779,772
Expenses				
Utilities:				
Electricity		1,946,411	2,019,499	2,029,597
Water and Sewer		83,519	89,910	90,359
Sub-Total Utilities		2,029,930	2,109,409	2,119,956
non-utility O&M		725,321	664,489	732,574
Total Expenses		2,755,250	2,773,898	2,852,530
Net Cash From Operating Activities		1,761,642	1,679,955	1,927,242
Revenue Summary				
Tons Demand - Contract				
Florida Proton Therapy Institute		950	950	950
Shands Jacksonville		5,475	5,475	5475
Univ. of Fla. College of Medicine		-	-	-
Future		-	-	-
Total Demand		6,425	6,425	6,425
Tons Demand - Billed				
Florida Proton Therapy Institute		11,400	11,651	11,400
Shands Jacksonville		65,700	65,929	65,700
Univ. of Fla. College of Medicine		-	-	-
Future		-	-	-

Total Demand Billed	77,100	77,580	77,100
Demand Rates			
Florida Proton Therapy Institute	19.50	19.90	19.90
Shands Jacksonville	19.50	19.90	19.90
Univ. of Fla. College of Medicine	-	-	-
Future	-	-	-
Ton-hrs Consumption			
Florida Proton Therapy Institute	3,273,120	3,270,040	3,270,040
Shands Jacksonville	24,404,300	26,590,867	26,590,867
Univ. of Fla. College of Medicine	457,060	457,268	457,268
Future	-	-	-
Total Consumption	28,134,480	30,318,175	30,318,175
Consumption Yields - $/ton hour			
Florida Proton Therapy Institute	0.11	0.11	0.11
Shands Jacksonville	0.11	0.11	0.11
Univ. of Fla. College of Medicine	0.13	0.20	0.20
Future	-	-	-
Consumption Rates			
> 200 TD, <= 2,400 EFLH	$0.10973	$0.10569	0.10569
> 200 TD, > 2,400 EFLH	$0.09273	$0.08869	0.08869
< 200 TD, <2400 EFLH	$0.19973	$0.19569	0.19569
EFLH			
Florida Proton Therapy Institute	3,445	3,442	3,442
Shands Jacksonville	4,457	4,857	4,857
Univ. of Fla. College of Medicine	-	-	-
Future	-	-	-

O&M INPUT

Utility Expense:			
kWh/ton hour	0.86	0.77	-
Water kgal/ton hour	0.0030	0.0022	-
Sewer kgal/ton hour	0.000041	0.000044	-
Ton Hours	28,134,480	30,318,175	30,318,175
kWh	24,162,685	23,377,520	-
Water kgal	84,451	66,012	-
Sewer kgal	1,152	1,338	-
$/kWh	0.0806	0.0864	-

$/Water kgal	0.9275	1.2400	-
$/Sewer kgal	4.5030	6.0200	-
Electric Expense - Calculated	1,946,411	2,019,499	-
Electric Expense - Actual	1,946,411	2,019,499	
Water Expense - Calculated	78,330	81,855	-
Water Expense - Actual	78,330	81,855	
Sewer Expense - Calculated	5,189	8,055	-
Sewer Expense - Actual	5,189	8,055	
Non-Utility O&M Expense:			
Non-Utillity O&M - Direct Cost			
Non-Utillity O&M - Common Cost			
Non- Utility O&M Escalation			

2019	2020	2021	2022	2023	2024	2025
226,860	226,860	226,860	226,860	226,860	226,860	226,860
1,307,430	1,307,430	1,307,430	1,307,430	1,307,430	1,307,430	1,307,430
-	-	-	-	-	-	-
-	-	-	-	-	-	-
1,534,290	1,534,290	1,534,290	1,534,290	1,534,290	1,534,290	1,534,290
345,611	345,611	345,611	345,611	345,611	345,611	345,611
2,810,389	2,810,389	2,810,389	2,810,389	2,810,389	2,810,389	2,810,389
89,483	89,483	89,483	89,483	89,483	89,483	89,483
-	-	-	-	-	-	-
3,245,482	3,245,482	3,245,482	3,245,482	3,245,482	3,245,482	3,245,482
4,779,772	4,779,772	4,779,772	4,779,772	4,779,772	4,779,772	4,779,772
2,039,745	2,049,944	2,060,193	2,070,494	2,080,847	2,091,251	2,101,707
90,811	91,265	91,721	92,180	92,641	93,104	93,570
2,130,556	2,141,209	2,151,915	2,162,674	2,173,488	2,184,355	2,195,277
671,134	739,900	677,845	747,299	684,624	754,772	691,470
2,801,690	2,881,108	2,829,760	2,909,973	2,858,111	2,939,127	2,886,747
1,978,082	1,898,664	1,950,012	1,869,799	1,921,661	1,840,645	1,893,025
950	950	950	950	950	950	950
5475	5475	5475	5475	5475	5475	5475
-	-	-	-	-	-	-
-	-	-	-	-	-	-
6,425	6,425	6,425	6,425	6,425	6,425	6,425
11,400	11,400	11,400	11,400	11,400	11,400	11,400
65,700	65,700	65,700	65,700	65,700	65,700	65,700
-	-	-	-	-	-	-
-	-	-	-	-	-	-

77,100	77,100	77,100	77,100	77,100	77,100	77,100
19.90	19.90	19.90	19.90	19.90	19.90	19.90
19.90	19.90	19.90	19.90	19.90	19.90	19.90
-	-	-	-	-	-	-
-	-	-	-	-	-	-
3270040	3270040	3270040	3270040	3270040	3270040	3270040
26590867	26590867	26590867	26590867	26590867	26590867	26590867
457,268	457,268	457,268	457,268	457,268	457,268	457,268
-	-	-	-	-	-	-
30,318,175	30,318,175	30,318,175	30,318,175	30,318,175	30,318,175	30,318,175
0.11	0.11	0.11	0.11	0.11	0.11	0.11
0.11	0.11	0.11	0.11	0.11	0.11	0.11
0.20	0.20	0.20	0.20	0.20	0.20	0.20
-	-	-	-	-	-	-
0.10569	0.10569	0.10569	0.10569	0.10569	0.10569	0.10569
0.08869	0.08869	0.08869	0.08869	0.08869	0.08869	0.08869
0.19569	0.19569	0.19569	0.19569	0.19569	0.19569	0.19569
3,442	3,442	3,442	3,442	3,442	3,442	3,442
4,857	4,857	4,857	4,857	4,857	4,857	4,857
-	-	-	-	-	-	-
-	-	-	-	-	-	-
30,318,175	30,318,175	30,318,175	30,318,175	30,318,175	30,318,175	30,318,175
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-

-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-

2026	2027	2028	2029	2030	2031	2032
226,860	226,860	226,860	226,860	226,860	226,860	226,860
1,307,430	1,307,430	1,307,430	1,307,430	1,307,430	1,307,430	1,307,430
-	-	-	-	-	-	-
-	-	-	-	-	-	-
1,534,290	1,534,290	1,534,290	1,534,290	1,534,290	1,534,290	1,534,290
345,611	345,611	345,611	345,611	345,611	345,611	345,611
2,810,389	2,810,389	2,810,389	2,810,389	2,810,389	2,810,389	2,810,389
89,483	89,483	89,483	89,483	89,483	89,483	89,483
-	-	-	-	-	-	-
3,245,482	3,245,482	3,245,482	3,245,482	3,245,482	3,245,482	3,245,482
4,779,772	4,779,772	4,779,772	4,779,772	4,779,772	4,779,772	4,779,772
2,112,216	2,122,777	2,133,391	2,144,058	2,154,778	2,165,552	2,176,380
94,038	94,508	94,980	95,455	95,932	96,412	96,894
2,206,253	2,217,285	2,228,371	2,239,513	2,250,710	2,261,964	2,273,274
762,319	698,384	769,943	705,368	777,642	712,422	785,418
2,968,573	2,915,669	2,998,314	2,944,881	3,028,352	2,974,386	3,058,692
1,811,199	1,864,103	1,781,458	1,834,891	1,751,420	1,805,386	1,721,080
950	950	950	950	950	950	950
5475	5475	5475	5475	5475	5475	5475
-	-	-	-	-	-	-
-	-	-	-	-	-	-
6,425	6,425	6,425	6,425	6,425	6,425	6,425
11,400	11,400	11,400	11,400	11,400	11,400	11,400
65,700	65,700	65,700	65,700	65,700	65,700	65,700
-	-	-	-	-	-	-
-	-	-	-	-	-	-

77,100	77,100	77,100	77,100	77,100	77,100	77,100
19.90	19.90	19.90	19.90	19.90	19.90	19.90
19.90	19.90	19.90	19.90	19.90	19.90	19.90
-	-	-	-	-	-	-
-	-	-	-	-	-	-
3270040	3270040	3270040	3270040	3270040	3270040	3270040
26590867	26590867	26590867	26590867	26590867	26590867	26590867
457,268	457,268	457,268	457,268	457,268	457,268	457,268
-	-	-	-	-	-	-
30,318,175	30,318,175	30,318,175	30,318,175	30,318,175	30,318,175	30,318,175
0.11	0.11	0.11	0.11	0.11	0.11	0.11
0.11	0.11	0.11	0.11	0.11	0.11	0.11
0.20	0.20	0.20	0.20	0.20	0.20	0.20
-	-	-	-	-	-	-
0.10569	0.10569	0.10569	0.10569	0.10569	0.10569	0.10569
0.08869	0.08869	0.08869	0.08869	0.08869	0.08869	0.08869
0.19569	0.19569	0.19569	0.19569	0.19569	0.19569	0.19569
3,442	3,442	3,442	3,442	3,442	3,442	3,442
4,857	4,857	4,857	4,857	4,857	4,857	4,857
-	-	-	-	-	-	-
-	-	-	-	-	-	-
30,318,175	30,318,175	30,318,175	30,318,175	30,318,175	30,318,175	30,318,175
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-

-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-

2033	2034	2035	2036
226,860	226,860	226,860	226,860
1,307,430	1,307,430	1,307,430	1,307,430
-	-	-	-
-	-	-	-
1,534,290	1,534,290	1,534,290	1,534,290
345,611	345,611	345,611	345,611
2,810,389	2,810,389	2,810,389	2,810,389
89,483	89,483	89,483	89,483
-	-	-	-
3,245,482	3,245,482	3,245,482	3,245,482
4,779,772	4,779,772	4,779,772	4,779,772
2,187,262	2,198,198	2,209,189	2,220,235
97,379	97,866	98,355	98,847
2,284,640	2,296,063	2,307,544	2,319,081
719,546	793,273	726,742	801,205
3,004,186	3,089,336	3,034,285	3,120,287
1,775,586	1,690,436	1,745,487	1,659,485
950	950	950	950
5475	5475	5475	5475
-	-	-	-
-	-	-	-
6,425	6,425	6,425	6,425
11,400	11,400	11,400	11,400
65,700	65,700	65,700	65,700
-	-	-	-
-	-	-	-

77,100	77,100	77,100	77,100
19.90	19.90	19.90	19.90
19.90	19.90	19.90	19.90
-	-	-	-
-	-	-	-
3270040	3270040	3270040	3270040
26590867	26590867	26590867	26590867
457,268	457,268	457,268	457,268
-	-	-	-
30,318,175	30,318,175	30,318,175	30,318,175
0.11	0.11	0.11	0.11
0.11	0.11	0.11	0.11
0.20	0.20	0.20	0.20
-	-	-	-
0.10569	0.10569	0.10569	0.10569
0.08869	0.08869	0.08869	0.08869
0.19569	0.19569	0.19569	0.19569
3,442	3,442	3,442	3,442
4,857	4,857	4,857	4,857
-	-	-	-
-	-	-	-
30,318,175	30,318,175	30,318,175	30,318,175
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

San Marco Plant Summary JEA		Actual 2016	Actual 2017	2018	2019
Revenues					
Demand:					
San Marco Place	$	154,440	142,560	142,560	142,560
Future		-	-	-	-
Total Demand Revenue		154,440	142,560	142,560	142,560
Consumption:					
San Marco Place		108,979	90,846	90,187	90,187
Future		-	-	-	-
Total Consumption Revenue		108,979	90,846	90,187	90,187
Other Revenue		-	-	-	-
Total Revenue	$	263,419	233,406	232,747	232,747
Expenses					
Utilities:					
Electricity		98,101	93,192	93,658	94,126
Water and Sewer		-	-	-	-
Sub-Total Utilities		98,101	93,192	93,658	94,126
non-utility O&M		25,095	18,276	18,459	18,644
Total Expenses		123,196	111,468	112,117	112,770
Net Cash From Operating Activities		140,223	121,938	120,630	119,978
Revenue Summary					
Tons Demand - Contract					
San Marco Place		594	594	594	594
Future		-	-	-	-
Total Demand		594	594	594	594
Tons Demand - Billed					
San Marco Place		7,722	7,128	7,128	7,128
Future		-	-	-	-
Total Demand Billed		7,722	7,128	7,128	7,128
Demand Rates					
San Marco Place		20.00	20.00	20.00	20.00
Future		-	-	-	-
Ton-hrs Consumption					
San Marco Place		1,026,200	853,318	853,318	853,318

Future	-	-	-	-
Total Consumption	1,026,200	853,318	853,318	853,318
Consumption Yields - $/ton hour				
San Marco Place	0.11	0.11	0.11	0.11
Future	-	-	-	-
Consumption Rates				
> 200 TD, <= 2,400 EFLH	$0.10973	$0.10569	0.10569	0.10569
> 200 TD, > 2,400 EFLH	$0.09273	$0.08869	0.08869	0.08869
< 200 TD, <2400 EFLH	$0.19973	$0.19569	0.19569	0.19569
EFLH				
San Marco Place	1,728	1,437	1,437	1,437
Future	-	-	-	-

O&M INPUT

Utility Expense:				
kWh/ton hour	1.14	1.27		
Water kgal/ton hour	-	-		
Sewer kgal/ton hour	-	-		
Ton Hours	1,026,200	853,318	853,318	853,318
kWh	1,169,640	1,087,560	-	-
Water kgal	-	-	-	-
Sewer kgal	-	-	-	-
$/kWh	0.08387	0.08569	-	-
$/Water kgal	-	-	-	-
$/Sewer kgal	-	-	-	-
Electric Expense - Calculated				
Electric Expense - Actual	98,101	93,192		
Water Expense - Calculated				
Water Expense - Actual	-	-		
Sewer Expense - Calculated				
Sewer Expense - Actual	-	-		
Non-Utility O&M Expense:				
Non-Utillity O&M - Direct Cost				
Non-Utillity O&M - Common Cost				

Non- Utility O&M Escalation

2020	2021	2022	2023	2024	2025	2026
142,560	142,560	142,560	142,560	142,560	142,560	142,560
-	-	-	-	-	-	-
142,560	142,560	142,560	142,560	142,560	142,560	142,560
90,187	90,187	90,187	90,187	90,187	90,187	90,187
-	-	-	-	-	-	-
90,187	90,187	90,187	90,187	90,187	90,187	90,187
-	-	-	-	-	-	-
232,747	232,747	232,747	232,747	232,747	232,747	232,747
94,597	95,070	95,545	96,023	96,503	96,985	97,470
-	-	-	-	-	-	-
94,597	95,070	95,545	96,023	96,503	96,985	97,470
18,830	19,018	19,208	19,401	19,595	19,791	19,988
113,427	114,088	114,753	115,423	116,097	116,776	117,459
119,321	118,659	117,994	117,324	116,650	115,971	115,289
594	594	594	594	594	594	594
-	-	-	-	-	-	-
594	594	594	594	594	594	594
7,128	7,128	7,128	7,128	7,128	7,128	7,128
-	-	-	-	-	-	-
7,128	7,128	7,128	7,128	7,128	7,128	7,128
20.00	20.00	20.00	20.00	20.00	20.00	20.00
-	-	-	-	-	-	-
853,318	853,318	853,318	853,318	853,318	853,318	853,318

-	-	-	-	-	-	-
853,318	853,318	853,318	853,318	853,318	853,318	853,318
0.11	0.11	0.11	0.11	0.11	0.11	0.11
-	-	-	-	-	-	-
0.10569	0.10569	0.10569	0.10569	0.10569	0.10569	0.10569
0.08869	0.08869	0.08869	0.08869	0.08869	0.08869	0.08869
0.19569	0.19569	0.19569	0.19569	0.19569	0.19569	0.19569
1,437	1,437	1,437	1,437	1,437	1,437	1,437
-	-	-	-	-	-	-
853,318	853,318	853,318	853,318	853,318	853,318	853,318
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-

2027	2028	2029	2030	2031	2032	2033
142,560	142,560	142,560	142,560	142,560	142,560	142,560
-	-	-	-	-	-	-
142,560	142,560	142,560	142,560	142,560	142,560	142,560
90,187	90,187	90,187	90,187	90,187	90,187	90,187
-	-	-	-	-	-	-
90,187	90,187	90,187	90,187	90,187	90,187	90,187
-	-	-	-	-	-	-
232,747	232,747	232,747	232,747	232,747	232,747	232,747
97,958	98,447	98,940	99,434	99,931	100,431	100,933
-	-	-	-	-	-	-
97,958	98,447	98,940	99,434	99,931	100,431	100,933
20,188	20,390	20,594	20,800	21,008	21,218	21,430
118,146	118,838	119,534	120,234	120,940	121,649	122,364
114,601	113,910	113,213	112,513	111,808	111,098	110,384
594	594	594	594	594	594	594
-	-	-	-	-	-	-
594	594	594	594	594	594	594
7,128	7,128	7,128	7,128	7,128	7,128	7,128
-	-	-	-	-	-	-
7,128	7,128	7,128	7,128	7,128	7,128	7,128
20.00	20.00	20.00	20.00	20.00	20.00	20.00
-	-	-	-	-	-	-
853,318	853,318	853,318	853,318	853,318	853,318	853,318

-	-	-	-	-	-	-
853,318	853,318	853,318	853,318	853,318	853,318	853,318
0.11	0.11	0.11	0.11	0.11	0.11	0.11
-	-	-	-	-	-	-
0.10569	0.10569	0.10569	0.10569	0.10569	0.10569	0.10569
0.08869	0.08869	0.08869	0.08869	0.08869	0.08869	0.08869
0.19569	0.19569	0.19569	0.19569	0.19569	0.19569	0.19569
1,437	1,437	1,437	1,437	1,437	1,437	1,437
-	-	-	-	-	-	-
853,318	853,318	853,318	853,318	853,318	853,318	853,318
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-

2034	2035	2036
142,560	142,560	142,560
-	-	-
142,560	142,560	142,560
90,187	90,187	90,187
-	-	-
90,187	90,187	90,187
-	-	-
232,747	232,747	232,747
101,438	101,945	102,455
-	-	-
101,438	101,945	102,455
21,645	21,861	22,080
123,083	123,806	124,535
109,665	108,941	108,213
594	594	594
-	-	-
594	594	594
7,128	7,128	7,128
-	-	-
7,128	7,128	7,128
20.00	20.00	20.00
-	-	-
853,318	853,318	853,318

-	-	-
853,318	853,318	853,318
0.11	0.11	0.11
-	-	-
0.10569	0.10569	0.10569
0.08869	0.08869	0.08869
0.19569	0.19569	0.19569
1,437	1,437	1,437
-	-	-
853,318	853,318	853,318
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Prospective New Plant Summary JEA		2018	2019	2020
Revenues				
Demand:				
Customer 1	**$**			
Customer 2				
Customer 3				
Total Demand Revenue				
Consumption:				
Customer 1				
Customer 2				
Customer 3				
Total Consumption Revenue				
Other Revenue				
Total Revenue	**$**			
Expenses				
Utilities:				
Electricity				
Water and Sewer				
Sub-Total Utilities				
non-utility O&M				
Total Expenses				
Net Cash From Operating Activities				
Revenue Summary				
Tons Demand - Contract				
Customer 1				
Customer 2				
Customer 3				
Total Demand				
Tons Demand - Billed				
Customer 1				
Customer 2				
Customer 3				
Total Demand Billed				
Demand Rates				
Customer 1				

Customer 2
Customer 3

Ton-hrs Consumption
Customer 1
Customer 2
Customer 3
Total Consumption

Consumption Yields - $/ton hour
San Marco Place
Future

Consumption Rates
> 200 TD, <= 2,400 EFLH
> 200 TD, > 2,400 EFLH
< 200 TD, <2400 EFLH

EFLH
San Marco Place
Future

O&M INPUT

Utility Expense:
kWh/ton hour
Water kgal/ton hour
Sewer kgal/ton hour

Ton Hours

kWh
Water kgal
Sewer kgal

$/kWh
$/Water kgal
$/Sewer kgal

Electric Expense - Calculated
Electric Expense - Actual

Water Expense - Calculated
Water Expense - Actual

Sewer Expense - Calculated
Sewer Expense - Actual

Non-Utility O&M Expense:
Non-Utillity O&M - Direct Cost
Non-Utillity O&M - Common Cost

Non- Utility O&M Escalation

2021	2022	2023	2024	2025	2026	2027

2028	2029	2030	2031	2032	2033	2034

2035	2036	2037	2038

DES Ton Hour Sales - FY2017

Rate Code	Distribution Code	Customer Name	Statistics Code
CHWTRAR	CHCHWHHOTH	CITY OF JAX SMG	TNH
CHWTRBP	CHCHWHHOTH	CITY OF JAX SMG	TNH
DESLT2DT	CHCHWHDOTH	CITY OF JAX CHILL WATER	TNH
DESPBEAM	CHCHWHSHTH	FLORIDA PROTON THERAPY INSTI	TNH
DESSHAND	CHCHWHSHTH	SHANDS JACKSONVILLE MEDICAL	TNH
DESSMRCO	CHCHWHSMTH	RIVERPLACE DEVELOPMENT LLC	THN
DESUFCM	CHCHWHSHTH	UNIV OF FLA COLLEGE OF MEDICI	TNH
DTDESPLT	CHCHWHDOTH	CITY OF JAX CHILL WATER	TNH
DTDESPLT	CHCHWHDOTH	CITY OF JAX COURTHOUSE CHILL	TNH
DTDESPLT	CHCHWHDOTH	JEA F	TNH
			Sum:

O&M Allocation Percentages

Hogan	8.28%
Shands	64.15%
Downtown	25.77%
San Marco	1.81%
	100.00%

Ton Hours per plant
Hogan
Downtown
Shands
San Marco

	Rate Code Plant		Rate Code Customers
DOWNTOWN	DESENGDT	COURTHOUSE	DTDESPLT
		CITY OF JAX DUVAL STR	DESLT2DT
		CITY OF JAX LAURA STR	DESLT2DT
HOGAN	DESENGHG	ARENA	CHWTRAR
		BALLBARK	CHWTRBP
SAN MARCO	DESENGSM	RIVERPLACE	DESSMRCO
SHANDS	DESENGSH	UF College of Medicine	DESUFCM
		Proton Beam	DESPBEAM
		SHANDS 1900 blvd	DESSHAND
		SHANDS 8TH STREET	DESSHAND

Total Statistics A	Total Monetary Amount	Distribution Cod	Account Numb
3,455,594	$-367,368.57	8901	451501
455,963	$-48,651.78	8901	451501
244,288	$-47,965.67	8901	451501
3,270,040	$-347,845.54	8901	451501
26,590,867	$-2,842,007.27	8901	451501
853,318	$-90,846.33	8901	451501
457,268	$-89,801.78	8901	451501
2,347,295	$-249,686.42	8901	451501
6,523,747	$-693,966.42	8901	451501
3,065,439	$-329,846.75	8901	451501

47,263,819	-5,107,987

3,911,557
12,180,769
30,318,175
853,318
47,263,819

DES Tons Demand Sale

Rate Code	Distribution Cod
CHWTRAR	CHCHWIHOTD
CHWTRBP	CHCHWIHOTD
DESPBEAM	CHCHWISHTD
DESSHAND	CHCHWISHTD
DESSMRCO	CHCHWISMTD
DTDESPLT	CHCHWIDOTD
DTDESPLT	CHCHWIDOTD
DTDESPLT	CHCHWIDOTD

s - FY2017

Customer Name	Statistics Cod	Total Statis	Total Monetary Amo	Distributi	Account Numbe
CITY OF JAX SMG	TND	28,200	$-564,000.00	8901	451501
CITY OF JAX SMG	TND	3,360	$-67,200.00	8901	451501
FLORIDA PROTON THERAPY II	TND	11,651	$-271,817.83	8901	451501
SHANDS JACKSONVILLE MEDI	TND	65,929	$-1,318,580.00	8901	451501
RIVERPLACE DEVELOPMENT I	THD	7,128	$-142,560.00	8901	451501
CITY OF JAX CHILL WATER	TND	12,371	$-247,420.00	8901	451501
CITY OF JAX COURTHOUSE CI	TND	47,820	$-1,226,946.00	8901	451501
JEA F	TND	8,843	$-176,860.00	8901	451501
	Sum:	185,302	-4,015,384		

-189.77

DES Demand Sales Discount - FY2017

Rate Code	Distribution Code	Customer Name	Statistics C	To	Total Monetary A
CHWTRAR	CHCHWDHOTD	CITY OF JAX SMG			$16,920.00
CHWTRBP	CHCHWDHOEF	CITY OF JAX SMG			$-5,279.10
CHWTRBP	CHCHWDHOTD	CITY OF JAX SMG			$2,016.00
DESPBEAM	CHCHWDSHEF	FLORIDA PROTON THERAPY INSTITUTE			$16,717.38
DESSHAND	CHCHWDSHEF	SHANDS JACKSONVILLE MEDICAL CENTER INC			$348,873.93
DESSHAND	CHCHWDSHTD	SHANDS JACKSONVILLE MEDICAL CENTER INC			$32,964.50
DESUFCM	CHCHWDSHEF	UNIV OF FLA COLLEGE OF MEDICINE			$17,643.34
DTDESPLT	CHCHWDDOTD	CITY OF JAX CHILL WATER			$1,237.10
DTDESPLT	CHCHWDDOTD	CITY OF JAX COURTHOUSE CHILL WATER			$762.00
DTDESPLT	CHCHWDSHEF	CITY OF JAX CHILL WATER			$1.45
				Sum:	$431,856.60

Distribution	Account Nu
8901	451501
8901	451501
8901	451501
8901	451501
8901	451501
8901	451501
8901	451501
8901	451501
8901	451501
8901	451501

Downtown Sewer

Fiscal Year	Rate Code	Distributior	Distributior	Rate Code Description	Total Monetai	Total Statis
2017	DESSWRDT	CGJEAXDO	JEA SEWEF	DES Internal Sewer (Downtown)	$397.32	0
2017	DESSWRDT	EOJEAXV2\	JEA INTERI	DES Internal Sewer (Downtown)	$24.42	0
2017	DESSWRDT	WWJEACEI	JEA INTERI	DES Internal Sewer (Downtown)	$-24.42	0
2017	DESSWRDT	WWJEACX\	JEA Internal	DES Internal Sewer (Downtown)	$-397.32	88.23
					$-421.74	

Downtown Water

Statistics C	Total Kgal
	0.00
	0.00
	0.00
CCF	66.00

Fiscal Year	Rate Code	Distributior	Distributior	Rate Code I
2017	DESSWRHG	CGJEAXHO	JEA SEWEF	DES Interna
2017	DESSWRHG	EOJEAXV2\	JEA INTERI	DES Interna
2017	DESSWRHG	WWJEACEI	JEA INTERI	DES Interna
2017	DESSWRHG	WWJEACX\	JEA Internal	DES Interna

Shands Sewer

Description	Total Moneta	Total Statis	Statistics C	Total Kgal	Fiscal Year	Rate Code
l Sewer (Hogan)	$297.19	0.00		0.00	2017	DESSWRSH
l Sewer (Hogan)	$18.27	0.00		0.00	2017	DESSWRSH
l Sewer (Hogan)	$-18.27	0.00		0.00	2017	DESSWRSH
l Sewer (Hogan)	$-297.19	66.00	CCF	49.37	2017	DESSWRSH
	$-315.46					

Distributior	Distributior	Rate Code Description		Total Monetar	Total Statis	Statistics C	Total Kgal
CGJEAXSH	JEA SEWEF	DES Internal Sewer (Sha		$8,054.77	0.00		0.00
EOJEAXV2\	JEA INTERI	DES Internal Sewer (Sha		$495.06	0.00		0.00
WWJEACEI	JEA INTERI	DES Internal Sewer (Sha		$-495.06	0.00		0.00
WWJEACX\	JEA Internal	DES Internal Sewer (Sha		$-8,054.77	1788.76	CCF	1337.99
				$-8,549.83			

Downtown Water

Fiscal Year	Rate Code	Distributior	Distributior	Rate Code Description	Total Monetary A	Total Statis	Statistics C
2017	DESWTRDT	CGJEAXDO	JEA WATEF	DES Internal Water (Dov	$34,197.98	0.00	
2017	DESWTRDT	EOJEAXV2\	JEA INTERN	DES Internal Water (Dov	$10,204.23	0.00	
2017	DESWTRDT	WAJEACEN	JEA INTERN	DES Internal Water (Dov	$-10,204.23	0.00	
2017	DESWTRDT	WAJEACXX	JEA Internal	DES Internal Water (Dov	$-34,197.98	36870.34	CCF
					$-44,402.21		

Hogan Water

Total Kgal
0.00
0.00
0.00
27579.01

Fiscal Year	Rate Code	Distributior	Distributior	Rate Code Description	Total Monetary Am
2017	DESWTRHC	CGJEAXHO	JEA WATEF	DES Internal Water (Hogan)	$18,617.80
2017	DESWTRHC	EOJEAXV2\	JEA INTERN	DES Internal Water (Hogan)	$5,555.32
2017	DESWTRHC	WAJEACEN	JEA INTERN	DES Internal Water (Hogan)	$-5,555.32
2017	DESWTRHC	WAJEACXX	JEA Internal	DES Internal Water (Hogan)	$-18,617.80
					$-24,173.12

Shands Water

Total Statis	Statistics C	Total Kgal
0.00		0.00
0.00		0.00
0.00		0.00
20072.70	CCF	15014.38

Fiscal Year	Rate Code	Distributior	Distributior	Rate Code Description	
2017	DESWTRSH	CGJEAXSH	JEA WATEF	DES Internal Water (Sha	
2017	DESWTRSH	EOJEAXV2\	JEA INTERN	DES Internal Water (Sha	
2017	DESWTRSH	WAJEACEN	JEA INTERN	DES Internal Water (Sha	
2017	DESWTRSH	WAJEACXX	JEA Internal	DES Internal Water (Sha	

Total Monetary A	Total Statis	Statistics C	Total Kgal
$81,854.99	0.00		0.00
$24,424.44	0.00		0.00
$-24,424.44	0.00		0.00
$-81,854.99	88251.42	CCF	66012.06
$-106,279.43			

Downtown

Fiscal Year	Rate Code	Distributior	Distributior	Rate Code Description		Total Monetary
2017	DESENGDT	ELJEAFXX›	JEA Internal	DES Internal Energy (Downtown)		$-310,012.05
2017	DESENGDT	ELJEAKEN›	JEA INTERN	DES Internal Energy (Downtown)		$-5,783.39
2017	DESENGDT	ELJEAKXX›	JEA Internal	DES Internal Energy (Downtown)		$-173,023.42
2017	DESENGDT	ELJEASXX›	JEA INTERN	DES Internal Energy (Downtown)		$0.00
2017	DESENGDT	ELJEAWXX	JEA INTERN	DES Internal Energy (Downtown)		$-346,165.19
					Sum	$-834,984.05

Hogan

Total Statistics Amou	Statistics C
9328030.00	KWH
0.00	
0.00	
9328030.00	
30,023.00	KW

Fiscal Year	Rate Code	Distribution C
2017	DESENGHG	ELJEAFXXXX
2017	DESENGHG	ELJEAKENXX
2017	DESENGHG	ELJEAKXXXX
2017	DESENGHG	ELJEASXXXX
2017	DESENGHG	ELJEAWXXXX

Distribution Code Description	Rate Code Description		Total Monetary Amo	Total Statist
JEA Internal Elec Fuel	DES Internal Energy (Hogan)		$-139,505.28	4199248.00
JEA INTERNAL ENV STWD KWH	DES Internal Energy (Hogan)		$-2,603.55	0.00
JEA Internal Elec Revenue	DES Internal Energy (Hogan)		$-76,461.94	0.00
JEA INTERNAL FUEL STAB	DES Internal Energy (Hogan)		$0.00	4199248.00
JEA INTERNAL ELEC DEMAND REV	DES Internal Energy (Hogan)		$-184,468.47	15999.00
		Sum	$-403,039.24	

Shands

Statistics C
KWH
KW

Fiscal Year	Rate Code	Distribution Code	Distributior	Rate Code Description	
2017	DESENGSH	ELJEAFXXXX	JEA Internal	DES Internal Energy (Shands)	
2017	DESENGSH	ELJEAKENXX	JEA INTERN	DES Internal Energy (Shands)	
2017	DESENGSH	ELJEAKXXXX	JEA Internal	DES Internal Energy (Shands)	
2017	DESENGSH	ELJEASXXXX	JEA INTERN	DES Internal Energy (Shands)	
2017	DESENGSH	ELJEAWXXXX	JEA INTERN	DES Internal Energy (Shands)	
					Sum

Total Monetary	Total Statisti	Statistics C
$-777,544.29	23377520.00	KWH
$-14,494.04	0.00	
$-437,471.58	0.00	
$0.00	23377520.00	
$-789,989.48	68516.00	KW
$-2,019,499.39		

San Marco

Fiscal Year	Rate Code	Distributior
2017	DESENGSM	ELJEAFXX
2017	DESENGSM	ELJEAKEN
2017	DESENGSM	ELJEAKXX
2017	DESENGSM	ELJEASXX
2017	DESENGSM	ELJEAWXX

Distribution Code Description	Rate Code Description	Total Moneta	Total Statistic	Statistics C
JEA Internal Elec Fuel	DES Internal Energy(San Marco)	$-36,139.77	1087560.00	KWH
JEA INTERNAL ENV STWD KWH	DES Internal Energy(San Marco)	$-674.29	0.00	
JEA Internal Elec Revenue	DES Internal Energy(San Marco)	$-20,391.80	0.00	
JEA INTERNAL FUEL STAB	DES Internal Energy(San Marco)	$0.00	1087560.00	
JEA INTERNAL ELEC DEMAND REV	DES Internal Energy(San Marco)	$-35,985.89	3103.40	KW
	Sum	$-93,191.75		

DES Utlities - FY 2006

81 Hogan
82 Downtown
83 Shands
84 SanMarco

DES Utlities - FY 2007

81 Hogan
82 Downtown
83 Shands
84 SanMarco

DES Utlities - FY 2008

81 Hogan
82 Downtown
83 Shands
84 SanMarco

DES Utlities - FY 2009

81 Hogan
82 Downtown
83 Shands
84 SanMarco

DES Utlities - FY 2010

81 Hogan
82 Downtown
83 Shands
84 SanMarco

DES Utlities - FY 2011

81 Hogan
82 Downtown
83 Shands
84 SanMarco

DES Utlities - FY 2012

81 Hogan
82 Downtown
83 Shands
84 SanMarco

DES Utlities - FY 2013

81 Hogan
82 Downtown
83 Shands
84 SanMarco

DES Utlities - FY 2014

81 Hogan
82 Downtown

83 Shands
84 SanMarco

DES Utlities - FY 2015

81 Hogan
82 Downtown
83 Shands
84 SanMarco

DES Utlities - FY 2016

81 Hogan
82 Downtown
83 Shands
84 SanMarco

DES Utlities - FY 2017

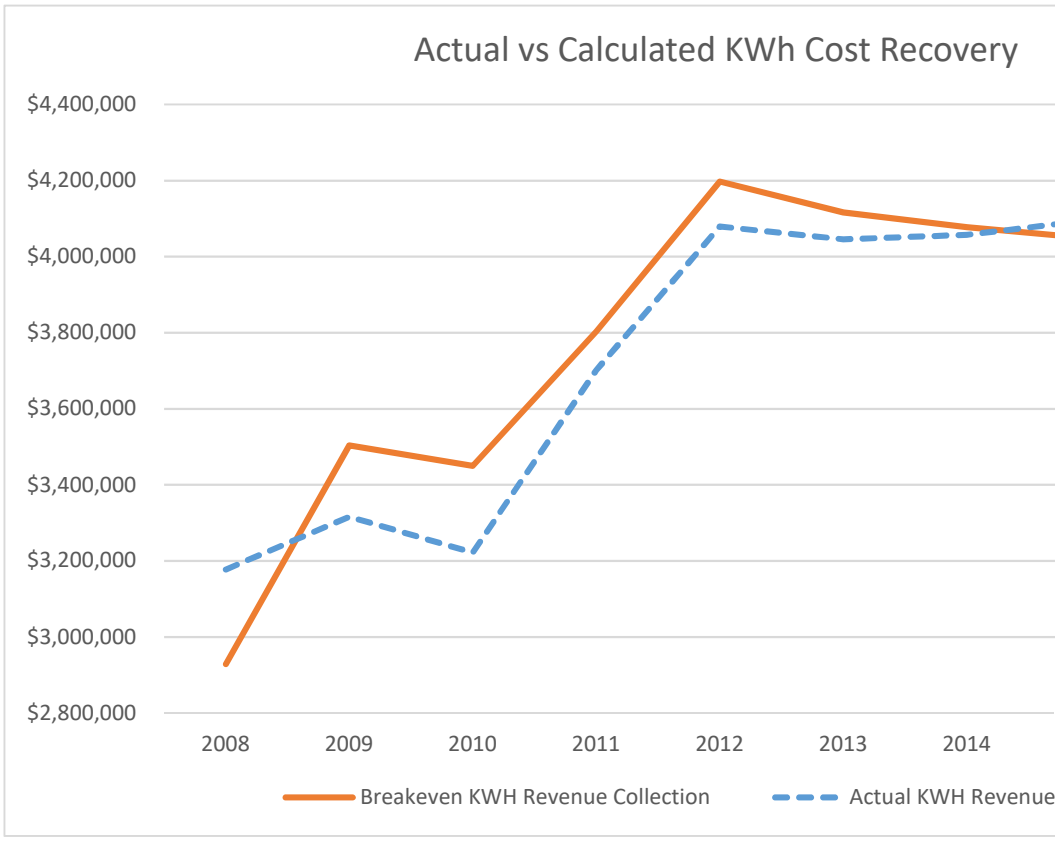
81 Hogan
82 Downtown
83 Shands
84 SanMarco

New metric scratchwork	$0.0881944
	0.08084
	$0.0073544
	$279,412

	2008
Actual cost per KWH	0.07943
Cost per KWH in rate	0.08618

Ton Hours	
Hogan	4,137,318
Downtown	2,729,130
Springfield	28,984,527
San Marco	1,020,475
Total System	36,871,450

		2008
Breakeven KWH Revenue Collection	$	2,928,743
Actual KWH Revenue Collection	$	3,177,582
Over (Under) Collections		248,839



kWh	kW	Water CCF	Sewer CCF	Electric Expense
5,238,421		22,182		$369,490
3,259,972		14,701	77	$241,802
12,883,286		54,323	247	$861,866
1,200	38			
21,382,879	38	91,206	324	$1,473,158

kWh	kW	Water CCF	Sewer CCF	Electric Expense
4,411,844		35,383		$330,142
4,488,076		15,946	187	$344,880
19,709,856		94,510	103	$1,307,648
793,800	(38)			$39,936
29,403,576	(38)	145,839	290	$2,022,606

kWh	kW	Water CCF	Sewer CCF	Electric Expense
4,042,890	7,364	30,921		$346,053
4,818,555	9,816	14,678	43	$416,549
21,413,464	30,326	90,727	88	$1,665,606
1,297,680	580			$79,640
31,572,589	48,086	136,326	131	$2,507,848

kWh	kW	Water CCF	Sewer CCF	Electric Expense
4,206,723	18,175	23,583	9	$457,794
5,489,146	21,390	13,695	34	$576,308
20,679,257	53,112	112,077	3,112	$1,925,757
1,251,240	2,766	0	0	$112,506
31,626,366	95,443	149,355	3,155	$3,072,365

kWh	kW	Water kgal	Sewer kgal	Electric Expense
4,795,017	17,963	29,497	114	$485,231
4,947,565	22,296	12,525	27	$539,624
21,358,082	53,893	75,658	30	$1,895,686
1,216,560	3,102	0	0	$108,307
32,317,224	97,254	117,680	171	$3,028,847

kWh	kW	Water kgal	Sewer kgal	Electric Expense
4,508,817	16,445	34,758	63	$493,071
6,971,577	20,888	23,904	51	$713,276
21,983,862	55,693	65,148	1,966	$2,133,619
1,070,640	2,664	0	0	$103,438
34,534,896	95,690	123,810	2,080	$3,443,404

kWh	kW	Water kgal	Sewer kgal	Electric Expense
4,456,500	19,197	10,416	31	$514,934
8,755,062	26,927	19,364	51	$891,965
23,005,318	57,497	53,195	45	$2,200,796
999,240	2,628	0	0	$96,862
37,216,120	106,249	82,975	127	$3,704,558

kWh	kW	Water kgal	Sewer kgal	Electric Expense
4,637,652	19,490	10,419	34	$502,150
9,429,793	27,223	29,524	38	$890,022
22,236,005	57,676	76,143	356	$2,030,633
986,400	2,836	0	0	$93,855
37,289,850	107,225	116,086	428	$3,516,661

kWh	kW	Water kgal	Sewer kgal	Electric Expense
4,820,547	18,867	10,369	49	$509,795
9,956,292	30,593	23,595	26	$961,887

22,786,568	54,525	53,930	839	$2,028,868
1,066,440	2,844	0	0	$97,884
38,629,847	106,829	87,894	914	$3,598,434

kWh	kW	Water kgal	Sewer kgal	Electric Expense
4,857,136	18,935	13,227	117	$502,989
10,814,807	32,067	25,867	34	$1,016,203
23,044,874	56,977	63,886	977	$2,031,414
1,113,960	2,639	0	0	$97,781
39,830,777	110,618	102,980	1,128	$3,648,387

kWh	kW	Water kgal	Sewer kgal	Electric Expense
4,361,222	19,125	19,947	335	$449,759
9,927,545	32,106	31,425	36	$894,994
24,162,685	56,854	84,451	1,152	$1,946,411
1,169,640	3,154	0	0	$98,101
39,621,092	111,239	135,823	1,523	$3,389,264

kWh	kW	Water kgal	Sewer kgal	Electric Expense
4,199,248	15,999	15,014	49	$403,039
9,328,030	30,023	27,579	66	$834,984
23,377,520	68,516	66,012	1,338	$2,019,499
1,087,560	3,103	0	0	$93,192
37,992,358	117,641	108,605	1,453	$3,350,714

* actual cost per kwh
* calculated in tnhr rate

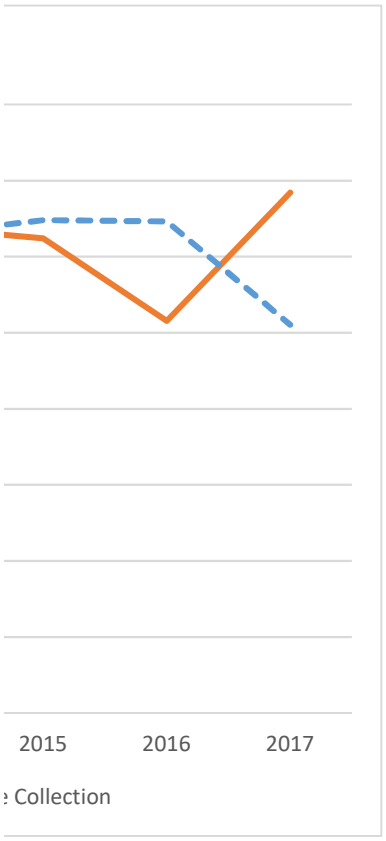
multiply by ton hours

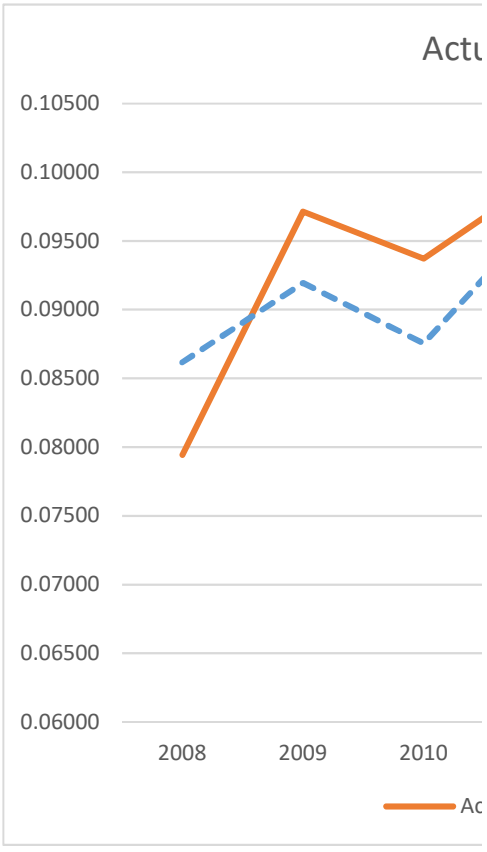
Ton Hours per plant	
Hogan	3,911,557
Downtown	12,180,769
Shands	30,318,175
San Marco	853,318
	47,263,819

2009	2010	2011	2012	2013
0.09715	0.09372	0.09971	0.09954	0.09431
0.09195	0.08754	0.09705	0.09674	0.09269

3,657,675	4,030,869	3,360,372	3,033,079	3,175,740
3,153,609	2,925,618	5,896,668	9,008,779	9,795,535
28,266,446	28,971,822	28,033,866	29,343,525	29,943,030
986,349	882,795	850,785	782,660	730,460
36,064,079	36,811,104	38,141,691	42,168,043	43,644,765

	2009	2010	2011	2012	2013
$	3,503,470	$ 3,450,024	$ 3,803,031	$ 4,197,481	$ 4,115,968
$	3,316,092	$ 3,222,444	$ 3,701,651	$ 4,079,336	$ 4,045,433
	(187,378)	(227,580)	(101,380)	(118,145)	(70,535)





7.48

Water Expense	Sewer Expense	Total Ultilities Expense	CF	Gals	WA
$10,425		$379,915	2,218,200	16,592,136	
$6,909	$237	$248,948	1,470,100	10,996,348	
$25,532	$758	$888,156	5,432,300	40,633,604	
		$0	0	0	
$42,866	$995	$1,517,019			

Water Expense	Sewer Expense	Total Ultilities Expense		
$17,640		$347,782	3,538,300	26,466,484
$7,955	$620	$353,455	1,594,600	11,927,608
$47,020	$340	$1,355,008	9,451,000	70,693,480
		$39,936	0	0
$72,615	$960	$2,096,181		

Water Expense	Sewer Expense	Total Ultilities Expense		
$16,536		$362,589	3,092,100	23,128,908
$7,809	$152	$424,510	1,467,800	10,979,144
$48,610	$312	$1,714,528	9,072,700	67,863,796
		$79,640	0	0
$72,955	$464	$2,581,267		

Water Expense	Sewer Expense	Total Ultilities Expense		
$13,164	$33	$470,991	2,358,300	17,640,084
$7,660	$125	$584,094	1,369,500	10,243,860
$62,588	$11,499	$1,999,844	11,207,700	83,833,596
$0	$0	$112,506	0	0
$83,412	$11,658	$3,167,435		

Water Expense	Sewer Expense	Total Ultilities Expense
$29,102	$607	$514,940
$12,331	$171	$552,126
$73,809	$171	$1,969,666
$0	$0	$108,307
$115,243	$949	$3,145,039

Water Expense	Sewer Expense	Total Ultilities Expense
$40,103	$342	$533,516
$28,009	$277	$741,562
$75,086	$10,714	$2,219,419
$0	$0	$103,438
$143,197	$11,332	$3,597,934

Water Expense	Sewer Expense	Total Ultilities Expense
$12,703	$175	$527,813
$23,696	$292	$915,953
$65,118	$257	$2,266,171
$0	$0	$96,862
$101,517	$724	$3,806,799

Water Expense	Sewer Expense	Total Ultilities Expense
$12,907	$202	$515,259
$27,355	$229	$917,606
$70,561	$2,138	$2,103,333
$0	$0	$93,855
$110,823	$2,569	$3,630,053

Water Expense	Sewer Expense	Total Ultilities Expense
$12,858	$297	$522,951
$29,258	$157	$991,301

$66,873	$5,051	$2,100,792
$0	$0	$97,884
$108,989	$5,504	$3,712,928

Water Expense	Sewer Expense	Total Ultilities Expense
$16,401	$702	$520,092
$32,075	$205	$1,048,483
$79,219	$5,882	$2,116,515
$0	$0	$97,781
$127,695	$6,789	$3,782,871

Water Expense	Sewer Expense	Total Ultilities Expense	CALCULATED ELECTRIC EXPI
$18,502	$1,508	$469,769	$443,077
$29,147	$163	$924,304	$883,402
$78,330	$5,189	$2,029,930	$1,916,928
$0	$0	$98,101	$97,194
$125,979	$6,860	$3,522,103	$3,340,602

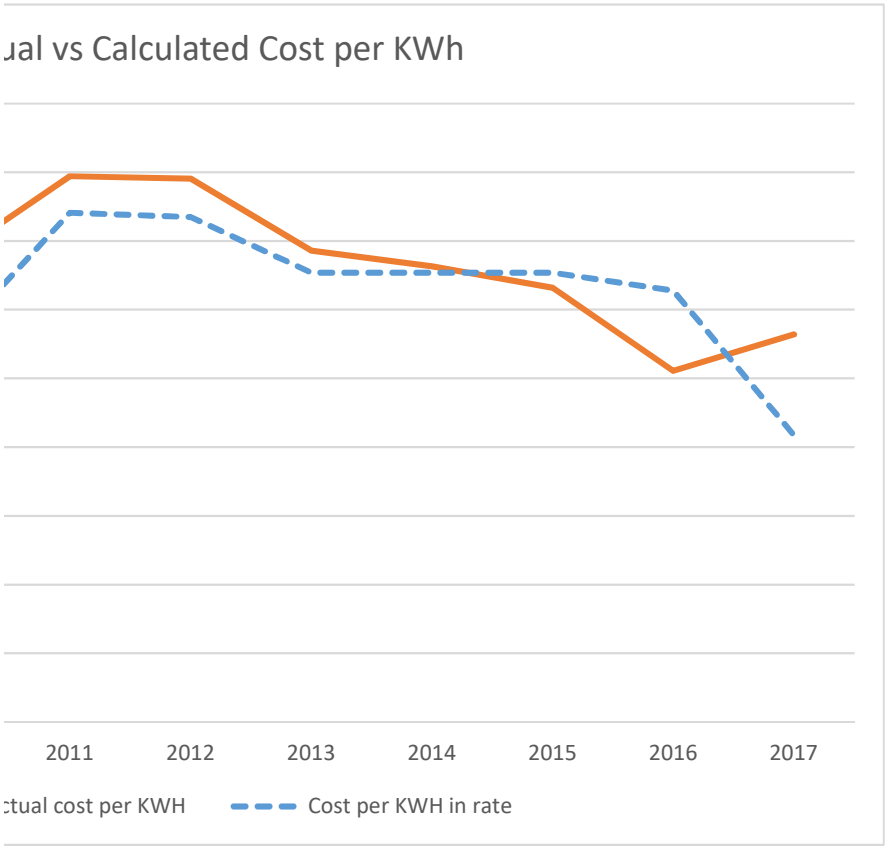
Water Expense	Sewer Expense	Total Ultilities Expense	CALCULATED ELECTRIC EXPI
$18,618	$297	$421,954	$400,161
$34,198	$397	$869,579	$828,476
$81,855	$8,055	$2,109,409	$2,002,613
$0	$0	$93,192	$92,244
$134,671	$8,749	$3,494,134	$3,323,494

	Actual Cost Per KWh	Delta	Lost Revenue
	$0.09598	$0.01514	59,216.70
	$0.08951	$0.00867	105,649.16
	$0.08639	$0.00555	168,156.20
	$0.08569	$0.00485	4,137.60
			337,159.67

2014	2015	2016	2017	2018
0.09315	0.09160	0.08554	0.08819	
0.09269	0.09269	0.09139	0.08084	

3,233,660	3,452,170	3,975,520	3,911,557
10,477,140	11,001,695	11,652,193	12,180,769
29,315,680	29,078,010	28,134,480	30,318,175
748,190	659,510	1,026,200	853,318
43,774,670	44,191,385	44,788,393	47,263,819

	2014	2015	2016	2017
$	4,077,683	$ 4,047,807	$ 3,831,285	$ 4,168,406
$	4,057,474	$ 4,096,099	$ 4,093,211	$ 3,820,807
	(20,209)	48,293	261,926	(347,599)



TER			SEWER		
ton-hr	gals per ton-hr	CF	Gals	ton-hr	gals per ton-hr
4,384,338	3.78	0	0	4,384,338	0
2,925,827	3.76	7,700	57,596	2,925,827	0.02
14,532,833	2.80	24,700	184,756	14,532,833	0.01
0	0.00	0	0	0	0.00
3,595,892	7.36	0	0	3,595,892	0
2,639,004	4.52	18,700	139,876	2,639,004	0.05
27,219,824	2.60	10,300	77,044	27,219,824	0.00
615,133	0.00	0	0	615,133	0.00
4,137,318	5.59	0	0	4,137,318	0
2,406,184	4.56	4,300	32,164	2,406,184	0.01
24,597,735	2.76	8,800	65,824	24,597,735	0.00
1,020,475	0.00	0	0	1,020,475	0.00
4,137,318	4.26	900	6,732	4,137,318	0.001627141
2,406,184	4.26	3,400	25,432	2,406,184	0.01
24,597,735	3.41	311,200	2,327,776	24,597,735	0.09
1,020,475	0.00	0	0	1,020,475	0.00

ENSE

ENSE

Balance Drilldown

SEP-17, YTD, USD, JEA || October 26, 2017 2:12:43 PM EDT

091.30803.00000000.81.549515.2019.0000	30803
091.30803.00000000.82.549515.2019.0000	30803
091.30803.00000000.83.549515.2019.0000	30803
091.30803.00000000.84.549515.2019.0000	30803
091.30803.00000000.81.549516.2019.0000	30803
091.30803.00000000.82.549516.2019.0000	30803
091.30803.00000000.83.549516.2019.0000	30803
091.30803.00000000.81.549517.2019.0000	30803
091.30803.00000000.82.549517.2019.0000	30803
091.30803.00000000.83.549517.2019.0000	30803
091.Z0000.00000000.00.549501.1106.0000	Z0000
091.Z0000.00000000.00.549501.1905.0000	Z0000
091.Z0000.00000000.00.549501.6301.0000	Z0000
091.30604.00000000.00.549521.1004.0000	30604
091.30803.00000000.00.549521.1004.0000	30803
091.Z0000.00000000.00.549521.1004.0000	Z0000
091.30604.00000000.00.549521.1005.0000	30604
091.30607.00000000.00.549521.1005.0000	30607
091.30803.00000000.00.549521.1005.0000	30803
091.30803.00000000.00.549521.1103.0000	30803
091.30803.00000000.00.549521.1104.0000	30803
091.30803.00000000.00.549521.1104.SF20	30803
091.30803.00000000.00.549521.1105.0000	30803
091.30803.00000000.00.549521.1106.0000	30803
091.30803.00000000.00.549521.1107.0000	30803
091.30803.00000000.00.549521.1110.0000	30803
091.30803.00000000.00.549521.1111.0000	30803
091.30604.00000000.00.549521.1199.0000	30604
091.30607.00000000.00.549521.1199.0000	30607
091.30803.00000000.00.549521.1199.0000	30803
091.30803.00000000.00.549521.1204.0000	30803
091.30803.00000000.00.549521.1206.0000	30803
091.30803.00000000.00.549521.1207.0000	30803
091.30803.00000000.00.549521.1302.0000	30803
091.30803.00000000.00.549521.1303.0000	30803
091.30803.00000000.00.549521.2003.0000	30803
091.30803.00000000.00.549521.2006.0000	30803
091.30803.00000000.00.549521.2007.0000	30803

091.30803.00000000.00.549521.2010.0000	30803
091.30803.00000000.00.549521.2020.0000	30803
091.Z0000.00000000.00.924521.2502.0000	Z0000
091.Z0000.00000000.00.925523.2504.0000	Z0000
091.Z0000.00000000.00.925524.2503.0000	Z0000
091.30803.00000000.81.549521.1004.3807	30803
091.30803.00000000.81.549521.1004.3810	30803
091.30803.00000000.81.549521.1005.3807	30803
091.30803.00000000.81.549521.1199.3807	30803
091.30803.00000000.81.549521.1204.3807	30803
091.30803.00000000.81.549521.1207.3807	30803
091.30803.00000000.81.549521.1302.3807	30803
091.30803.00000000.81.549521.1302.3810	30803
091.30803.00000000.81.549521.2006.3807	30803
091.30803.00000000.81.549521.2011.3807	30803
091.30803.00000000.82.549521.1004.3808	30803
091.30803.00000000.82.549521.1206.3808	30803
091.30803.00000000.82.549521.1207.3808	30803
091.30803.00000000.82.549521.1302.3808	30803
091.30803.00000000.82.549521.2006.3808	30803
091.30803.00000000.83.549521.1004.3809	30803
091.30803.00000000.83.549521.1005.3809	30803
091.30803.00000000.83.549521.1199.3809	30803
091.30803.00000000.83.549521.1206.3809	30803
091.30803.00000000.83.549521.1207.3809	30803
091.30803.00000000.83.549521.1302.3809	30803
091.30803.00000000.83.549521.1303.3809	30803

DISTRICT ENERGY SERVICES 30803	549515
DISTRICT ENERGY SERVICES 30803	549515
DISTRICT ENERGY SERVICES 30803	549515
DISTRICT ENERGY SERVICES 30803	549515
DISTRICT ENERGY SERVICES 30803	549516
DISTRICT ENERGY SERVICES 30803	549516
DISTRICT ENERGY SERVICES 30803	549516
DISTRICT ENERGY SERVICES 30803	549517
DISTRICT ENERGY SERVICES 30803	549517
DISTRICT ENERGY SERVICES 30803	549517
ZERO COST CENTER Z0000	549501
ZERO COST CENTER Z0000	549501
ZERO COST CENTER Z0000	549501
WATER AND SEWER CONSTRUCTION 30604	549521
DISTRICT ENERGY SERVICES 30803	549521
ZERO COST CENTER Z0000	549521
WATER AND SEWER CONSTRUCTION 30604	549521
WATER AND REUSE O AND M 30607	549521
DISTRICT ENERGY SERVICES 30803	549521
DISTRICT ENERGY SERVICES 30803	549521
DISTRICT ENERGY SERVICES 30803	549521
DISTRICT ENERGY SERVICES 30803	549521
DISTRICT ENERGY SERVICES 30803	549521
DISTRICT ENERGY SERVICES 30803	549521
DISTRICT ENERGY SERVICES 30803	549521
DISTRICT ENERGY SERVICES 30803	549521
DISTRICT ENERGY SERVICES 30803	549521
DISTRICT ENERGY SERVICES 30803	549521
WATER AND SEWER CONSTRUCTION 30604	549521
WATER AND REUSE O AND M 30607	549521
DISTRICT ENERGY SERVICES 30803	549521
DISTRICT ENERGY SERVICES 30803	549521
DISTRICT ENERGY SERVICES 30803	549521
DISTRICT ENERGY SERVICES 30803	549521
DISTRICT ENERGY SERVICES 30803	549521
DISTRICT ENERGY SERVICES 30803	549521
DISTRICT ENERGY SERVICES 30803	549521
DISTRICT ENERGY SERVICES 30803	549521
DISTRICT ENERGY SERVICES 30803	549521

DISTRICT ENERGY SERVICES 30803	549521
DISTRICT ENERGY SERVICES 30803	549521
ZERO COST CENTER Z0000	924521
ZERO COST CENTER Z0000	925523
ZERO COST CENTER Z0000	925524
DISTRICT ENERGY SERVICES 30803	549521
DISTRICT ENERGY SERVICES 30803	549521
DISTRICT ENERGY SERVICES 30803	549521
DISTRICT ENERGY SERVICES 30803	549521
DISTRICT ENERGY SERVICES 30803	549521
DISTRICT ENERGY SERVICES 30803	549521
DISTRICT ENERGY SERVICES 30803	549521
DISTRICT ENERGY SERVICES 30803	549521
DISTRICT ENERGY SERVICES 30803	549521
DISTRICT ENERGY SERVICES 30803	549521
DISTRICT ENERGY SERVICES 30803	549521
DISTRICT ENERGY SERVICES 30803	549521
DISTRICT ENERGY SERVICES 30803	549521
DISTRICT ENERGY SERVICES 30803	549521
DISTRICT ENERGY SERVICES 30803	549521
DISTRICT ENERGY SERVICES 30803	549521
DISTRICT ENERGY SERVICES 30803	549521
DISTRICT ENERGY SERVICES 30803	549521
DISTRICT ENERGY SERVICES 30803	549521
DISTRICT ENERGY SERVICES 30803	549521
DISTRICT ENERGY SERVICES 30803	549521
DISTRICT ENERGY SERVICES 30803	549521

INTERNAL ELECTRIC CHARGES	2019
INTERNAL ELECTRIC CHARGES	2019
INTERNAL ELECTRIC CHARGES	2019
INTERNAL ELECTRIC CHARGES	2019
INTERNAL WATER CHARGES	2019
INTERNAL WATER CHARGES	2019
INTERNAL WATER CHARGES	2019
INTERNAL SEWER CHARGES	2019
INTERNAL SEWER CHARGES	2019
INTERNAL SEWER CHARGES	2019
OPERATING COSTS	1106
OPERATING COSTS	1905
OPERATING COSTS	6301
MAINTENANCE EXPENSES	1004
MAINTENANCE EXPENSES	1004
MAINTENANCE EXPENSES	1004
MAINTENANCE EXPENSES	1005
MAINTENANCE EXPENSES	1005
MAINTENANCE EXPENSES	1005
MAINTENANCE EXPENSES	1103
MAINTENANCE EXPENSES	1104
MAINTENANCE EXPENSES	1104
MAINTENANCE EXPENSES	1105
MAINTENANCE EXPENSES	1106
MAINTENANCE EXPENSES	1107
MAINTENANCE EXPENSES	1110
MAINTENANCE EXPENSES	1111
MAINTENANCE EXPENSES	1199
MAINTENANCE EXPENSES	1199
MAINTENANCE EXPENSES	1199
MAINTENANCE EXPENSES	1204
MAINTENANCE EXPENSES	1206
MAINTENANCE EXPENSES	1207
MAINTENANCE EXPENSES	1302
MAINTENANCE EXPENSES	1303
MAINTENANCE EXPENSES	2003
MAINTENANCE EXPENSES	2006
MAINTENANCE EXPENSES	2007

MAINTENANCE EXPENSES	2010
MAINTENANCE EXPENSES	2020
PROPERTY INSURANCE	2502
WORKERS COMPENSATION	2504
GENERAL LIABILITY INSURANCE	2503
MAINTENANCE EXPENSES	1004
MAINTENANCE EXPENSES	1004
MAINTENANCE EXPENSES	1005
MAINTENANCE EXPENSES	1199
MAINTENANCE EXPENSES	1204
MAINTENANCE EXPENSES	1207
MAINTENANCE EXPENSES	1302
MAINTENANCE EXPENSES	1302
MAINTENANCE EXPENSES	2006
MAINTENANCE EXPENSES	2011
MAINTENANCE EXPENSES	1004
MAINTENANCE EXPENSES	1206
MAINTENANCE EXPENSES	1207
MAINTENANCE EXPENSES	1302
MAINTENANCE EXPENSES	2006
MAINTENANCE EXPENSES	1004
MAINTENANCE EXPENSES	1005
MAINTENANCE EXPENSES	1199
MAINTENANCE EXPENSES	1206
MAINTENANCE EXPENSES	1207
MAINTENANCE EXPENSES	1302
MAINTENANCE EXPENSES	1303

UTILITIES	-
UTILITIES	-
UTILITIES	-
UTILITIES	-
UTILITIES	-
UTILITIES	-
UTILITIES	-
UTILITIES	-
UTILITIES	-
UTILITIES	-
INCENTIVE PAY - JEA	-
INCREASE IN LIABILITY - TERMINAL LEAVE	-
INTERCOMPANY - MOTORPOOL	-
OVERTIME EARNINGS	-
OVERTIME EARNINGS	-
OVERTIME EARNINGS	-
REGULAR EARNINGS	-
REGULAR EARNINGS	-
REGULAR EARNINGS	-
OTHER COMPENSATION AND BENEFITS	-
HEALTH INSURANCE	-
HEALTH INSURANCE	-
PENSION CONTRIBUTION	-
INCENTIVE PAY - JEA	-
EMPLOYER 401A PAYMENT - JEA	-
EMPLOYER SOCIAL SECURITY & MEDICARE	-
LIFE INSURANCE	-
BENEFIT BURDEN ACCOUNT	-
BENEFIT BURDEN ACCOUNT	-
BENEFIT BURDEN ACCOUNT	-
OFFICE & OFFICE EQUIP. SUPPLIES	-
SAFETY SUPPLIES	-
MISCELLANEOUS SUPPLIES, TOOLS AND OTHER (CONSUMABLES)	-
DIRECT PURCHASES	-
INVENTORY ISSUES	-
MAINTENANCE AGREEMENTS/REPAIR SERVICES	-
INDUSTRIAL SERVICES	-
BUILDING AND STRUCTURES MAINTENANCE (CONTRACTED SVCS)	-

SUPPLEMENTAL WORK FORCE & SUPPLIED MATERIAL	-
LICENSES, FEES, DUES, MEMBERSHIPS	-
PROPERTY AND CASUALTY INSURANCE	-
WORKER'S COMPENSATION	-
LIABILITY INSURANCE	-
OVERTIME EARNINGS	-
OVERTIME EARNINGS	-
REGULAR EARNINGS	-
BENEFIT BURDEN ACCOUNT	-
OFFICE & OFFICE EQUIP. SUPPLIES	-
MISCELLANEOUS SUPPLIES, TOOLS AND OTHER (CONSUMABLES)	-
DIRECT PURCHASES	-
DIRECT PURCHASES	-
INDUSTRIAL SERVICES	-
POSTAGE	-
OVERTIME EARNINGS	-
SAFETY SUPPLIES	-
MISCELLANEOUS SUPPLIES, TOOLS AND OTHER (CONSUMABLES)	-
DIRECT PURCHASES	-
INDUSTRIAL SERVICES	-
OVERTIME EARNINGS	-
REGULAR EARNINGS	-
BENEFIT BURDEN ACCOUNT	-
SAFETY SUPPLIES	-
MISCELLANEOUS SUPPLIES, TOOLS AND OTHER (CONSUMABLES)	-
DIRECT PURCHASES	-
INVENTORY ISSUES	-

DSC

Operating expenses (1)

549521	MAINTENANCE EXPENSES
549501	OPERATING COSTS
549515	INTERNAL ELECTRIC CHARGES
549516	INTERNAL WATER CHARGES
549517	INTERNAL SEWER CHARGES
924521	PROPERTY INSURANCE
925523	WORKERS COMPENSATION
925524	GENERAL LIABILITY INSURANCE

403,039.24	-	403,039.24	403,039.24
834,984.05	-	834,984.05	834,984.05
2,019,499.39	-	2,019,499.39	2,019,499.39
93,191.75	-	93,191.75	93,191.75
3,350,714.43	-	3,350,714.43	3,350,714.43
18,617.80	-	18,617.80	18,617.80
34,197.98	-	34,197.98	34,197.98
81,854.99	-	81,854.99	81,854.99
297.19	-	297.19	297.19
397.32	-	397.32	397.32
8,054.77	-	8,054.77	8,054.77
143,420.05	-	143,420.05	143,420.05
18,022.25	6,784.00	11,238.25	11,238.25
22,601.17	26,496.38	-3,895.21	-3,895.21
76,899.61	11,363.68	65,535.93	65,535.93
167.70	-	167.70	167.70
1,491.30	-	1,491.30	1,491.30
3,872.49	-	3,872.49	3,872.49
398.80	-	398.80	398.80
8,183.28	4,604.88	3,578.40	3,578.40
416,211.81	97,315.16	318,896.65	318,896.65
3,350.00	-	3,350.00	3,350.00
2,000.00	-	2,000.00	2,000.00
33,009.20	998.58	32,010.62	32,010.62
131,879.95	15,260.06	116,619.89	116,619.89
7,476.25	7,476.25	-	-
1,540.09	146.19	1,393.90	1,393.90
5,589.96	655.50	4,934.46	4,934.46
818.84	-	818.84	818.84
249.84	-	249.84	249.84
2,465.97	224.18	2,241.79	2,241.79
200,205.28	205,009.12	-4,803.84	-4,803.84
1,100.51	90.88	1,009.63	1,009.63
244.56	-	244.56	244.56
22,531.75	18,151.07	4,380.68	4,380.68
35,359.67	629.92	34,729.75	34,729.75
2,539.00	-	2,539.00	2,539.00
5,694.00	-	5,694.00	5,694.00
269,590.70	250.07	269,340.63	269,340.63
6,875.00	-	6,875.00	6,875.00

81,555.77	149.75	81,406.02	81,406.02
239.25	-	239.25	239.25
14,270.00	-	14,270.00	14,270.00
9,996.33	0.33	9,996.00	9,996.00
9,996.33	0.33	9,996.00	9,996.00
		PLUG	7,572.52
3,286.89	80.80	3,206.09	3,206.09
361.70	43.59	318.11	318.11
1,656.75	282.00	1,374.75	1,374.75
861.26	-	861.26	861.26
518.80	-	518.80	518.80
236.19	-	236.19	236.19
20,522.01	2,109.57	18,412.44	18,412.44
305.54	-	305.54	305.54
9,743.66	-	9,743.66	9,743.66
24.15	-	24.15	24.15
2,171.08	546.55	1,624.53	1,624.53
772.44	-	772.44	772.44
1,156.62	-	1,156.62	1,156.62
9,880.18	105.30	9,774.88	9,774.88
3,622.46	-	3,622.46	3,622.46
3,535.10	317.25	3,217.85	3,217.85
176.25	-	176.25	176.25
110.42	-	110.42	110.42
1,479.45	-	1,479.45	1,479.45
2,525.43	3.85	2,521.58	2,521.58
7,619.21	-	7,619.21	7,619.21
14.85	-	14.85	14.85
1,349,484.07	354,451.18	995,032.89	1,079,379.59
4,843,618.55	354,451.18	4,489,167.37	4,573,514.07

(3,895.21)

968,343.41	968,343.41	-
72,878.97		
3,350,714.43		
134,670.77		
8,749.28		
14,270.00		
9,996.00		
9,996.00		
4,569,618.86		

$3,350,714.43	
-18,617.80	
-34,197.98	
-81,854.99	
-297.19	
-162.54	
-8,054.77	
$143,420	-

(7,790.42)

217.90

1,012,288.06	Common
35,000.99	Hogan
16,950.93	Downtown
15,139.61	Shands
1,079,380	-
4,573,514.07	4,573,514
-	-

Total Jea - Rollup

	Total
SALARIES REGULAR AND TEMP	332,685
OVERTIME	(6,986)
EMPLOYEE BENEFITS	175,718
SALARIES, OT AND BENEFITS	501,417
BUDGET ADJUSTMENT - SUPPLIES	-
FUELS, NON-GENERATION	-
CHEMICALS & GASES	-
OFFICE & OFFICE EQUIP. SUPPLIES	1,528
TRAINING SUPPLIES	-
SAFETY SUPPLIES	2,496
MISCELLANEOUS SUPPLIES AND TOOLS (CONSUMABLES)	8,295
NATURAL GAS, NON-GENERATION	-
SUPPLIES	12,320
BUDGET ADJUSTMENT MATERIALS	-
DIRECT PURCHASES	70,842
INVENTORY ISSUES	2,554
RETURNS TO INVENTORY	-
INVENTORY ADJUSTMENTS	
VEHICLES AND OTHER EQUIPMENT PURCHASES	-
OFFICE EQUIPMENT AND FURNITURE PURCHASES	-
USE TAX - INVENTORY ISSUES	-
MATERIALS	73,396
SUPPLIES & MATERIALS	85,716
PROFESSIONAL SERVICES	-
MAINTENANCE AGREEMENTS/REPAIR SERVICES	5,694
RENTAL & LEASE	-
INDUSTRIAL SERVICES	290,279
TRAINING & OTHER MEETING EXPENSES	-
BUILDING AND STRUCTURES MAINTENANCE (CONTRACTED SVCS)	6,875
SUPPLEMENTAL WORK FORCE & SUPPLIED MATERIAL	81,406
POSTAGE	24
FREIGHT AND TRANSFER	-
PRODUCTION /DELIVERY EQUIPMENT REPAIR	-
ENVIRONMENTAL SERVICES	-
UTILITIES	3,494,134
LICENSES, FEES, DUES, MEMBERSHIPS	239
OTHER SERVICES & CHARGES	3,878,652
INTERCOMPANY CHARGES	65,536
INSURANCES	34,262

OPERATING RESERVES	-
SUBTOTAL EXPENSES	4,565,583
SUBTOTAL CREDITS	7,931
SUBTOTAL O&M	4,573,514
DEBT SERVICE PRINCIPAL	1,640,000
DEBT SERVICE INTEREST	1,382,454
CP/Variable Rate Financing Costs	-
Rate Stabilization - Debt Management	-
DEBT SERVICE	3,022,454
TRF. TO R&R FUND	437,650
OPERATING CAPITAL OUTLAY -	200,000
TRANSFERS & AGREEMENTS	-
SUBTOTAL OTHER	3,660,104
TOTAL EXPENSES	8,233,618
OTHER REVENUE	
INVESTMENT INCOME	(44,668)
DISTRICT ENERGY REVENUES	
TOTAL REVENUES	(8,736,182)
REV - EXP	(502,564)

Expense Check	8,233,618

498,110	3,306.77
	-
	-
	-
1,528.43	-
	-
2,496.45	-
8,295.07	-
	-
	-
70,841.82	-
2,553.85	-
	-
	-
	-
	-
	-
	-
	-
5,694.00	-
	-
282,706.75	7,573
	-
6,875.00	-
81,406.02	-
24.15	-
	-
	-
	-
3,494,134.48	-
239.25	-
65,535.93	-
34,262.00	-

	-
	7,931
1,079,379.59	3,494,134
	1,640,000
	1,382,454
	-
	-
	3,022,454
	437,650
	200,000
	-
	3,660,104
	8,233,618
	-
	(44,668)
	-
	(8,736,182)
	(502,564)

	ADJUSTMENT														
	Initial	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XI	XI	XI
Rate Effective Date	2/15/2005	9/20/2005	10/1/2006	10/1/2007	7/1/2008	10/1/2008	10/1/2009	10/1/2010	10/1/2011	10/1/2012	10/1/2013	10/1/2014	10/1/2015	2/1/2016	12/1/2016
Demand Charge	7.25	7.25	7.25	8.6	8.6	9.99	11.47	12.16	12.16	12.16	12.16	12.16	12.16	12.16	12.16
Demand Discount	0.50	0.50	0.5	0.54	0.54	0.57	0.61	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63
Energy& Environmental Charge	0.014	0.014	0.014	0.0166	0.0166	0.01929	0.02214	0.0241	0.02594	0.02655	0.02655	0.02655	0.02518	0.02518	0.02518
Fuel Charge	0.03032	0.0395	0.03868	0.04014	0.05514	0.05514	0.04416	0.05064	0.04847	0.0436	0.0436	0.0436	0.0436	0.03675	0.0325
Consumption Discount	0.001	0.001	0.001	0.0011	0.0011	0.0011	0.0012	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013
Total Consumption Charge	0.04332	0.0525	0.05168	0.05564	0.07064	0.07333	0.0651	0.07344	0.07311	0.06885	0.06885	0.06885	0.06748	0.06063	0.05638
kWh	401.5	401.5	401.5	401.5	401.5	401.5	401.5	401.5	401.5	401.5	401.5	401.5	401.5	401.5	401.5
R5 Discount	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%
Cost per kWh	$0.05713	$0.06585	$0.06507	$0.07193	$0.08618	$0.09195	$0.08754	$0.09705	$0.09674	$0.09269	$0.09269	$0.09269	$0.09139	$0.08488	$0.08084
Delta	-	$0.00872	-$0.00078	$0.00686	$0.01425	$0.00577	-$0.00441	$0.00951	-$0.00031	-$0.00405	$0.00000	$0.00000	-$0.00130	-$0.00651	-$0.00404
					19.81%	6.70%	-4.80%	10.86%	-0.32%	-4.19%	0.00%	0.00%	-1.40%	-7.12%	-4.76%
DES CONSUMPTION CHARGES															
Standard (DESCON>2)	$0.082	$0.09070	$0.0899	$0.0968	$0.11103	$0.11680	$0.11239	$0.12190	$0.12159	$0.11754	$0.11754	$0.11754	$0.11624	$0.10973	$0.10569
> 2400 EFLH	$0.065	$0.07370	$0.0729	$0.0798	$0.09403	$0.09980	$0.09539	$0.10490	$0.10459	$0.10054	$0.10054	$0.10054	$0.09924	$0.09273	$0.08869
< 200 Tons (DESCON<2)	$0.172	$0.18070	$0.1799	$0.1868	$0.20103	$0.20680	$0.20239	$0.21190	$0.21159	$0.20754	$0.20754	$0.20754	$0.20624	$0.19973	$0.19569

				14.72%	5.20%	-3.78%	8.46%	-0.25%	-3.33%	0.00%	0.00%	-1.11%	-5.60%	-3.68%
				17.86%	6.14%	-4.42%	9.97%	-0.30%	-3.87%	0.00%	0.00%	-1.29%	-6.56%	-4.36%
					2.87%	-2.13%	4.70%	-0.15%	-1.91%	0.00%	0.00%	-0.63%	-3.16%	-2.02%

CAIR DES Bill Factor to be changed 7.63%

Bill Factor

DESCON>2 For Consumption greater than 200 tons

DESCON<2 For Consumption less than 200 tons

Bill Factors to be replaced	Affected Rates
BPCWCON	CHWTRAR - CHWTRBP
PBTONHR	DESPBEAM
SHDESCON	DESSHAND
DTCWCONS	DTDESPLT
CWAMCAFE (<200 BF)	DESAMCAF

DES O&M Expense

		Electric	Water Sewer
77.91%	DES Internal Energy (Hogan)	$485,231	$29,709
76.40%	DES Internal Energy (Downtown)	539,624	12,502
78.36%	DES Internal Energy (Shands)	1,895,686	73,980
92.61%	DES Internal Energy(San Marco)	108,307	0
78.36%		$3,028,847	$116,192

* Common O&M cost allocated based on ton hours sold

DES O&M Expense

		Electric	Water Sewer
74.10%	DES Internal Energy (Hogan)	$493,071	$40,445
81.28%	DES Internal Energy (Downtown)	$713,276	28,285
82.87%	DES Internal Energy (Shands)	$2,133,619	85,800
92.99%	DES Internal Energy(San Marco)	$103,438	0
81.43%		$3,443,404	$154,530

* Common O&M cost allocated based on ton hours sold

DES O&M Expense

		Electric	Water Sewer
82.86%	DES Internal Energy (Hogan)	$514,934	$12,878
80.07%	DES Internal Energy (Downtown)	$891,965	23,987
80.83%	DES Internal Energy (Shands)	$2,200,796	65,375
91.25%	DES Internal Energy(San Marco)	$96,862	0
81.16%		$3,704,558	$102,241

* Common O&M cost allocated based on ton hours sold

DES O&M Expense

		Electric	Water Sewer
79.26%	DES Internal Energy (Hogan)	$502,150	$13,109
64.86%	DES Internal Energy (Downtown)	$890,022	27,583
90.28%	DES Internal Energy (Shands)	$2,030,633	72,699
44.36%	DES Internal Energy(San Marco)	$93,855	0
78.73%		$3,516,661	$113,392

* Common O&M cost allocated based on ton hours sold

DES O&M Expense

		Electric	Water Sewer
79.26%	DES Internal Energy (Hogan)	$502,150	$13,109
64.86%	DES Internal Energy (Downtown)	$890,022	27,583
90.28%	DES Internal Energy (Shands)	$2,030,633	72,699
44.36%	DES Internal Energy(San Marco)	$93,855	0
78.73%		$3,516,661	$113,392

* Common O&M cost allocated based on ton hours sold

DES O&M Expense

		Electric	Water Sewer
77.22%	DES Internal Energy (Hogan)	$502,989	$17,104
57.84%	DES Internal Energy (Downtown)	$1,016,203	$32,280
93.95%	DES Internal Energy (Shands)	$2,031,414	$85,100
27.77%	DES Internal Energy(San Marco)	$97,781	$0
74.12%		$3,648,387	$134,484

* Common O&M cost allocated based on ton hours sold

DES O&M Expense

		Electric	Water Sewer
74.47%	DES Internal Energy (Hogan)	$449,759	$20,010
73.20%	DES Internal Energy (Downtown)	$894,994	$29,310
70.64%	DES Internal Energy (Shands)	$1,946,411	$83,519
79.63%	DES Internal Energy(San Marco)	$98,101	$0

72.03%		$3,389,264	$132,839

* Common O&M cost allocated based on ton hours sold

DES O&M Expense

		Electric	Water Sewer
74.54%	DES Internal Energy (Hogan)	$403,039	$18,915
72.77%	DES Internal Energy (Downtown)	$834,984	$34,595
72.80%	DES Internal Energy (Shands)	$2,019,499	$89,910
83.60%	DES Internal Energy(San Marco)	$93,192	$0
73.26%		$3,350,714	$143,420

* Common O&M cost allocated based on ton hours sold

- FY2010

Other Direct	Common Allocated*	Total Cost
$68,396	$39,455	$622,791
125,597	28,636	706,359
165,845	283,581	2,419,092
0	8,641	116,948
$359,838	$360,313	$3,865,189
	360,313	

- FY2011

Other Direct	Common Allocated*	Total Cost
$101,115	$30,805	$665,436
81,932	54,056	877,550
98,189	256,993	2,574,601
0	7,799	111,237
$281,237	$349,654	$4,228,824
	349,654	

- FY2012

Other Direct	Common Allocated*	Total Cost
$57,589	$36,014	$621,416
91,103	106,967	1,114,022
108,193	348,413	2,722,777
0	9,293	106,155
$256,885	$500,686	$4,564,370
	500,686	

- FY2013

Other Direct	Common Allocated*	Total Cost
$80,135	$38,159	$633,552
94,823	359,787	1,372,216
137,225	8,777	2,249,335
0	117,700	211,556
$312,184	$524,423	$4,466,659

524,423

- FY2014

Other Direct	Common Allocated*	Total Cost
$80,135	$38,159	$633,552
94,823	$359,787	1,372,216
137,225	$8,777	2,249,335
0	$117,700	211,556
$312,184	$524,423	$4,466,659

524,423

- FY2015

Other Direct	Common Allocated*	Total Cost
$51,493	$79,804	$651,389
36,188	$672,200	1,756,871
30,361	$15,246	2,162,122
0	$254,327	352,109
$118,043	$1,021,578	$4,922,491

1,021,578

- FY2016

Other Direct	Common Allocated*	Total Cost	
36,967.89	$97,218	$603,954	8.88%
13,390	$284,943	1,222,637	26.02%
37,318	$688,002	2,755,250	62.82%
0	$25,095	123,196	2.29%

$87,676	$1,095,258	$4,705,038	
	1,095,258		

- FY2017

Other Direct	Common Allocated*	Total Cost	
$35,001	$83,777	$540,732	8.28%
$16,951	$260,886	1,147,416	25.77%
$15,140	$649,349	2,773,898	64.15%
$0	$18,276	111,468	1.81%
$67,092	$1,012,288	$4,573,514	
	1,012,288		

Total Jea - Rollup	District Energy Total Year Actual 05	Total Year Actual 06
SALARIES REGULAR AND TEMP	484,161	39,971
OVERTIME	24,269	8,310
EMPLOYEE BENEFITS	119,613	12,406
SALARIES, OT AND BENEFITS	628,042	60,687
OFFICE & OFFICE EQUIP. SUPPLIES	-	-
SAFETY SUPPLIES	-	-
MISCELLANEOUS SUPPLIES AND TOOLS (CONSUMABLES)	-	-
SUPPLIES	-	-
DIRECT PURCHASES	117	-
INVENTORY ISSUES	-	-
MATERIALS	117	-
SUPPLIES & MATERIALS	117	-
MAINTENANCE AGREEMENTS/REPAIR SERVICES	-	-
INDUSTRIAL SERVICES	-	-
BUILDING AND STRUCTURES MAINTENANCE (CONTRACTED SVCS)	56,429	-
SUPPLEMENTAL WORK FORCE & SUPPLIED MATERIAL	-	-
POSTAGE	-	-
UTILITIES	127,599	1,509,874
LICENSES, FEES, DUES, MEMBERSHIPS	-	-
OTHER SERVICES & CHARGES	184,028	1,509,874
INTERCOMPANY CHARGES	632,684	753,919
INSURANCES	-	-
SUBTOTAL EXPENSES	1,444,871	2,324,480
SUBTOTAL CREDITS	(624,289)	(60,687)
SUBTOTAL O&M	820,582	2,263,793
DEBT SERVICE PRINCIPAL	-	-
DEBT SERVICE INTEREST	-	180,775
DEBT SERVICE	-	228,044
TRF. TO R&R FUND	-	73,750
OPERATING CAPITAL OUTLAY -	202,300	-
SUBTOTAL OTHER	202,300	301,794
TOTAL EXPENSES	1,022,882	2,565,586
INVESTMENT INCOME	-	(0)
DISTRICT ENERGY REVENUES	(1,297,164)	(3,053,653)
TOTAL REVENUES	(1,297,163)	(3,053,653)
REV - EXP	(274,281)	(488,067)

Total Year Actual 07	Total Year Actual 08	Total Year Actual 09	Total Year Actual 10	Total Year Actual 11
304,073	309,453	304,504	287,959	257,227
91,905	69,913	36,690	49,410	29,885
106,300	84,723	86,848	89,083	95,391
502,278	464,090	428,042	426,451	382,503
-	-	-	-	541
6,686	2,251	1,115	722	804
51,669	57,107	15,197	41,098	46,478
92,030	90,832	55,690	62,333	63,010
62,493	37,410	42,638	34,719	16,128
3,099	1,984	1,204	508	677
66,048	39,394	43,653	35,227	16,805
158,078	130,226	99,343	97,560	79,816
4,953	1,360	-	143	-
29,410	95,236	96,206	94,311	111,554
22,969	29,314	100,543	50,675	11,383
-	-	-	-	8,700
26	79	-	10	68
2,096,183	2,581,267	3,167,435	3,145,039	3,597,934
-	140	115	-	340
2,255,522	2,751,356	3,372,324	3,301,867	3,734,197
83,556	-	-	-	-
41,452	41,591	36,072	39,311	34,467
3,040,886	3,387,263	3,935,781	3,865,189	4,230,982
(39,157)	(45,531)	(1,820)	-	(2,158)
3,001,729	3,341,731	3,933,960	3,865,189	4,228,824
-	700,000	-	1,810,000	1,650,000
1,945,360	1,434,156	469,275	182,671	158,750
2,114,520	2,307,665	2,567,646	3,147,129	3,091,450
156,650	482,200	313,200	249,800	327,550
5,272	-	-	100,000	-
2,276,442	2,789,865	2,880,846	3,496,929	3,419,000
5,278,171	6,131,597	6,814,806	7,362,118	7,647,824
(48)	(46)	(5)	(0)	(241)
(5,747,571)	(6,161,771)	(6,913,584)	(7,595,348)	(8,066,586)
(5,747,620)	(6,161,817)	(6,914,842)	(7,595,357)	(8,066,877)
(469,449)	(30,220)	(100,036)	(233,239)	(419,053)

Total Year Actual 12	Total Year Actual 13	Total Year Actual 14	Total Year Actual 15	Total Year Actual 16
351,042	328,574	350,363	350,397	333,810
40,451	16,590	17,340	10,073	18,506
127,453	124,692	139,863	180,200	182,415
518,946	469,856	507,567	540,670	534,731
343	-	-	-	584
68	-	-	57	4,115
58,731	57,757	65,871	45,438	53,319
85,449	85,490	65,943	45,582	97,313
20,990	32,318	34,925	32,040	38,150
422	469	1,301	432	-
21,437	33,151	36,226	32,472	38,150
106,885	118,640	102,169	78,054	135,463
-	-	-	-	-
65,410	70,028	188,003	244,316	211,120
8,498	15,497	33,304	83,533	178,754
-	-	-	36,106	89,748
169	14	-	-	60
3,806,799	3,630,053	3,712,928	3,782,871	3,522,103
500	150	-	150	246
3,976,277	3,774,999	4,027,530	4,155,711	4,022,934
-	69,655	122,995	115,975	111,981
41,145	40,566	40,393	32,650	33,104
4,643,253	4,473,716	4,800,653	4,923,059	4,838,213
(78,883)	(7,057)	(1,530)	(568)	(418)
4,564,370	4,466,659	4,799,123	4,922,491	4,837,795
4,875,000	1,321,664	1,605,000	1,610,000	1,625,000
96,524	448,825	1,415,720	1,409,303	1,398,980
3,513,347	2,707,215	3,020,720	3,019,303	3,023,980
348,000	594,096	394,600	434,750	439,150
145,862	704,333	480,308	406,330	451,251
4,007,209	4,005,644	3,895,628	3,860,383	3,914,381
8,571,579	8,472,303	8,694,751	8,782,874	8,752,176
(94)	(1,536)	(5,538)	(4,940)	(21,368)
(8,571,485)	(8,470,762)	(8,682,099)	(8,777,593)	(8,730,583)
(8,571,579)	(8,472,302)	(8,694,751)	(8,782,874)	(8,752,176)
0	1	(0)	(1)	0

Total Year Actual 17
332,685
20,121
175,718
528,524
1,528
2,496
8,295
12,320
70,842
2,554
73,396
85,716
5,694
290,279
6,875
81,406
24
3,494,134
239
3,878,652
65,536
34,262
4,592,690
(19,176)
4,573,514
1,640,000
1,382,454
3,022,454
437,650
702,564
4,162,668
8,736,182
(44,668)
(8,691,514)
(8,736,182)
(0)
694,861.90

JEA

Outstanding Debt Service - District Energy System

Debt Service as of June 19, 2013

Ending	10/01/13	10/01/14	10/01/15	10/01/16	10/01/17	10/01/18
Principal	365,000.00	1,605,000.00	1,610,000.00	1,625,000.00	1,640,000.00	1,660,000.00
Interest	401,379.21	1,415,720.00	1,409,300.00	1,398,979.90	1,382,453.65	1,359,083.65
Total	766,379.21	3,020,720.00	3,019,300.00	3,023,979.90	3,022,453.65	3,019,083.65

Period Ending	Scherer Debt Service Principal	Interest	Total
10/01/13	365,000.00	401,379.21	766,379.21
10/01/14	1,605,000.00	1,415,720.00	3,020,720.00
10/01/15	1,610,000.00	1,409,300.00	3,019,300.00
10/01/16	1,625,000.00	1,398,979.90	3,023,979.90
10/01/17	1,640,000.00	1,382,453.65	3,022,453.65
10/01/18	1,660,000.00	1,359,083.65	3,019,083.65
10/01/19	1,690,000.00	1,330,448.65	3,020,448.65
10/01/20	1,725,000.00	1,295,550.15	3,020,550.15
10/01/21	1,770,000.00	1,253,891.40	3,023,891.40
10/01/22	1,815,000.00	1,206,207.60	3,021,207.60
10/01/23	1,870,000.00	1,151,757.60	3,021,757.60
10/01/24	1,930,000.00	1,091,094.80	3,021,094.80
10/01/25	1,995,000.00	1,025,590.60	3,020,590.60
10/01/26	2,065,000.00	954,887.80	3,019,887.80
10/01/27	2,145,000.00	878,606.70	3,023,606.70
10/01/28	2,235,000.00	787,701.60	3,022,701.60
10/01/29	2,330,000.00	692,982.30	3,022,982.30
10/01/30	2,425,000.00	594,236.90	3,019,236.90
10/01/31	2,530,000.00	491,465.40	3,021,465.40
10/01/32	2,645,000.00	376,654.00	3,021,654.00
10/01/33	2,765,000.00	256,623.90	3,021,623.90
10/01/34	2,890,000.00	131,148.20	3,021,148.20
10/01/35	0.00	0.00	0.00
10/01/36	0.00	0.00	0.00
10/01/37	0.00	0.00	0.00
10/01/38	0.00	0.00	0.00
10/01/39	0.00	0.00	0.00
10/01/40	0.00	0.00	0.00
	$ 43,330,000.00	$ 20,885,764.01	$ 64,215,764.01

10/01/19	10/01/20	10/01/21	10/01/22	10/01/23	10/01/24	10/01/25	10/01/26
1,690,000.00	1,725,000.00	1,770,000.00	1,815,000.00	1,870,000.00	1,930,000.00	1,995,000.00	2,065,000.00
1,330,448.65	1,295,550.15	1,253,891.40	1,206,207.60	1,151,757.60	1,091,094.80	1,025,590.60	954,887.80
3,020,448.65	3,020,550.15	3,023,891.40	3,021,207.60	3,021,757.60	3,021,094.80	3,020,590.60	3,019,887.80

10/01/27	10/01/28	10/01/29	10/01/30	10/01/31	10/01/32	10/01/33	10/01/34	10/01/35
2,145,000.00	2,235,000.00	2,330,000.00	2,425,000.00	2,530,000.00	2,645,000.00	2,765,000.00	2,890,000.00	0.00
878,606.70	787,701.60	692,982.30	594,236.90	491,465.40	376,654.00	256,623.90	131,148.20	0.00
3,023,606.70	3,022,701.60	3,022,982.30	3,019,236.90	3,021,465.40	3,021,654.00	3,021,623.90	3,021,148.20	0.00

10/01/36	10/01/37	10/01/38	10/01/39	10/01/40		
0.00	0.00	0.00	0.00	0.00		##########
0.00	0.00	0.00	0.00	0.00		##########
0.00	0.00	0.00	0.00	0.00		##########



Establishing a Baseline:

“Status Quo”

JEA®

Disclaimer

The following **"Status Quo Baseline"** financial projections are presented solely for JEA Board of Directors planning and action in connection with the development of a strategic plan. They are not a projection of future financial performance and, as such, should not be relied upon by present or prospective JEA bond investors to purchase or sell any security or to make an investment decision. The projections are a mathematical representation of a status quo business case and do not reflect numerous likely future events and future JEA actions that will likely cause actual results to differ materially from this business case. The presentation should be viewed in its entirety with individual slides or sections of the presentation having no greater or reduced significance relative to other slides or sections of the presentation

Focused More Than Ever on Remaining Relevant to Our Customers



TRANSITION

Stabilize JEA, develop strategic framework, Guiding Principles, corporate dashboard, financial tools

ESTABLISH BASE LINE

Assess current "business as usual" organizational health and financial projection

"Status Quo"

STRATEGY DEVELOPMENT

Design multiple strategies to meet future targets / challenges:

1) Mgmt response
2) Unconstrained plan

FINALIZE EXECUTABLE PLAN

Publish long-term plan with specific tactics and targets

POSITION FOR LONG TERM

Align JEA stakeholders and charter with long-term plan to maximize value:

1) Customer
2) Financial
3) Environmental
4) Community Impact

LAUNCH 'NO REGRETS' INITIATIVES

Strategic Planning Process Status

Planning Step	Purpose / Deliverables	Status
Step 1	Transition	
	Guiding Principles – Long Term Guide	Complete
	Headline Priorities – Short Term Focus	Complete
Step 2	Establish Baseline	
	OHI – Measure of Baseline for JEA's Culture	Complete
	Last 10 Years – Refocus of Impact of Technology Disruption on JEA	Complete
	Strategic Plan #1: Status Quo Baseline – JEA operates without change	Complete
Step 3	Strategy Development	
	Strategic Plan #2: Status Quo 2 – Management Response without Charter Change	In Process
	Map of Constraints Impeding Growth of JEA's Corporate Measures of Value	In Process
	Establish Corporate Tools to Drive Change	
	Corporate Organization	In Process
	Total Compensation Philosophy and Plan	In Process
	Cultural Development Strategy & Initiatives	In Process
	Corporate Innovation & Change Management Process	In Process
	Strategic Plan #3: Unconstrained Strategic Plan	After Strategic Plan #2
Step 4	Finalize JEA's Executable Strategic Plan	
	Board Approve Strategic Plan	After Step 3
	Board and City Council Approve Budget	TBD
	Board and City Council Approve Necessary Policies to Implement Strategic Plan	TBD
Step 5	Position JEA for Long Term and Begin Execution of 2030 Strategic Plan	

Approach to the Status Quo Baseline

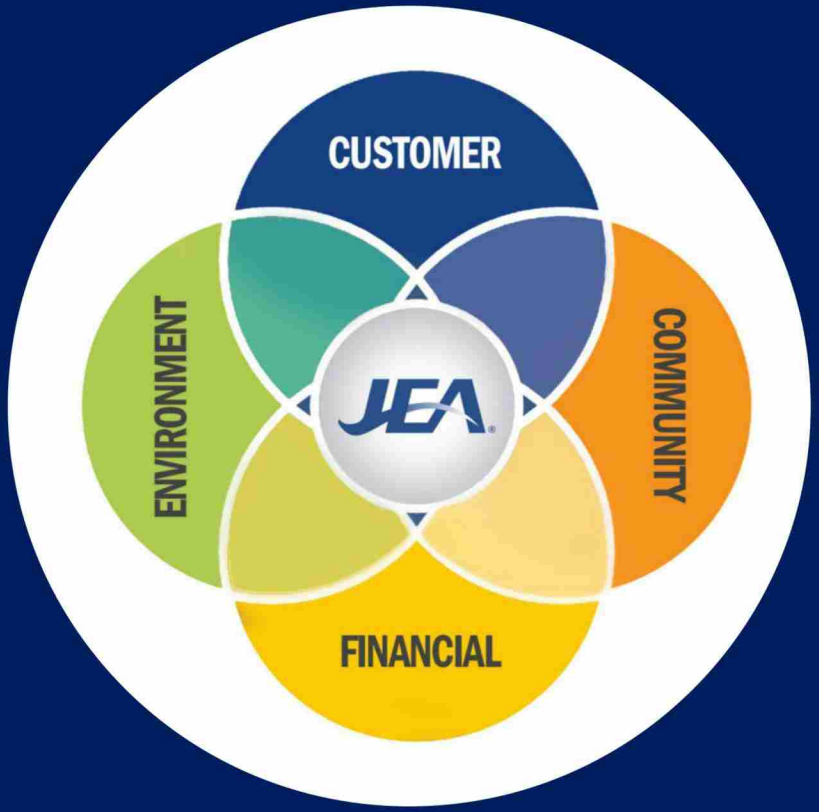
What the status quo baseline IS…

- A projection of JEA's finances through 2030 based on current plans only, reflecting the impact of external market forces on JEA
- A tool for JEA to develop a strategy and action plan to succeed in light of market forces

… and IS NOT

- A financial forecast or most likely scenario for JEA
- A forecast that reflects potential JEA actions/initiatives
- A forecast that reflects likely changes to laws or regulations
- A tool for making specific resource planning or investment decisions
- A substitute for or input into the IRP / IWRP

Guiding Principles



JEA Vision

Improve lives by accelerating innovation

Mission

Our mission is to provide the best service by becoming the center of our customers' energy and water experience

Corporate Measures

Our mission will be guided by and evaluated against how we as employees drive these four Corporate Measures of JEA's Value

Headline Priorities

Five focus areas of JEA necessary for future success

1) Create an Adaptive Culture
2) Align to a pervasive commitment to profitability and value
3) Create platform for customer choice
4) De-Risk business
5) 10-Year strategic plan in line with Guiding Principles



Accelerating Water Innovation



IMPROVING LIVES BY

JEA

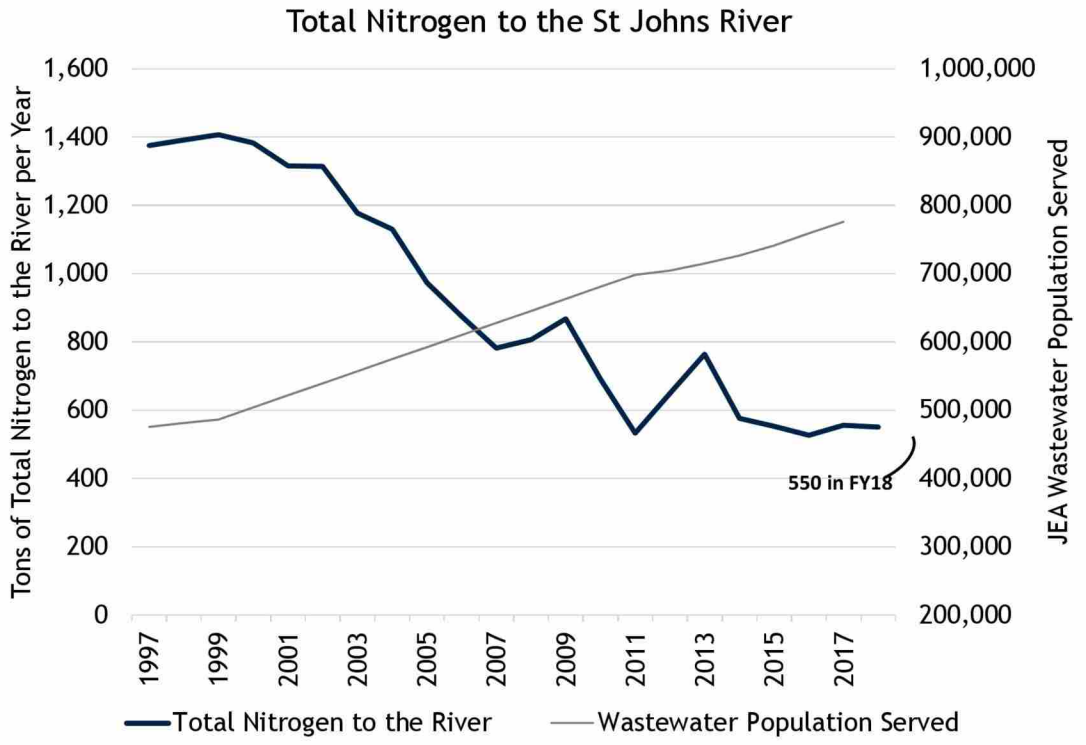
ACCELERATING INNOVATION

JEA Reduced Nitrogen Discharge by 60% While Population Grew by 37%

- Improve treatment at regional facilities
- Phase out old technology
- Build reclaimed system



Lowest in JEA's History



JEA's SUCCESSFUL STRATEGY

SOURCE: JEA historical operational data

Protecting the Aquifer through Conservation

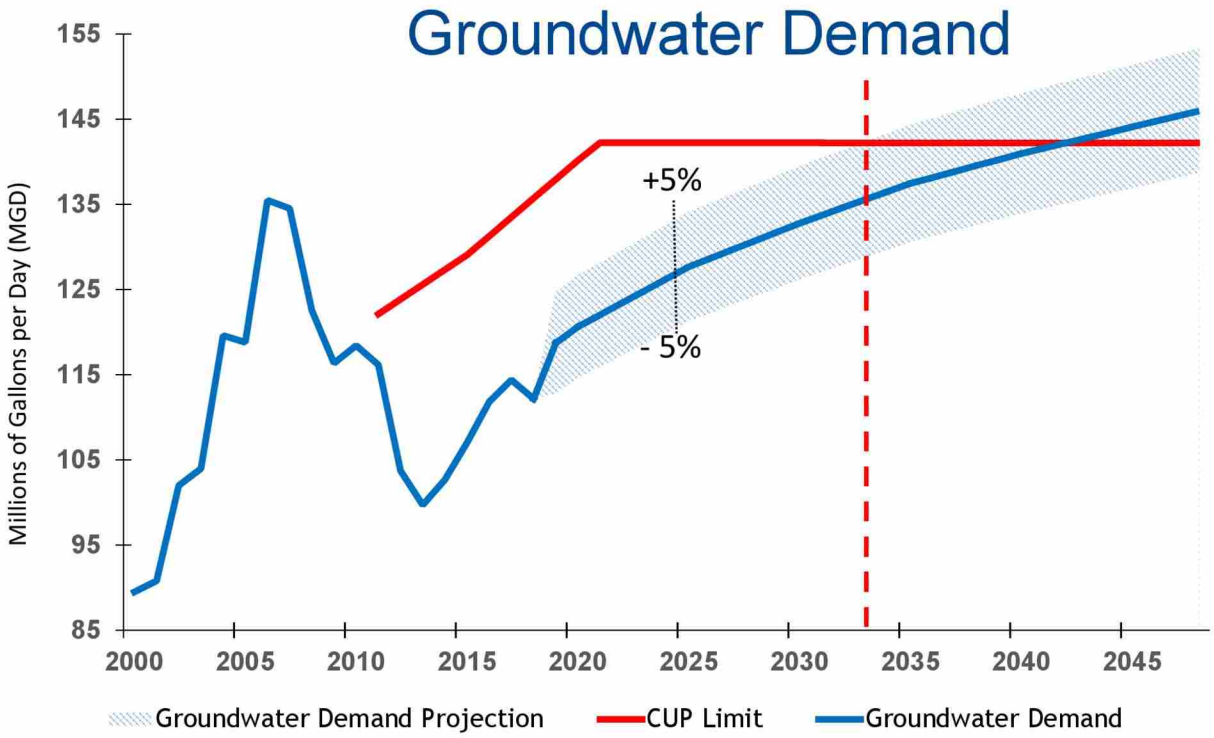
Groundwater Allocation

- Consumptive Use Permit expires in 2031
- Capacity is limited to 142 MGD

Water Conservation

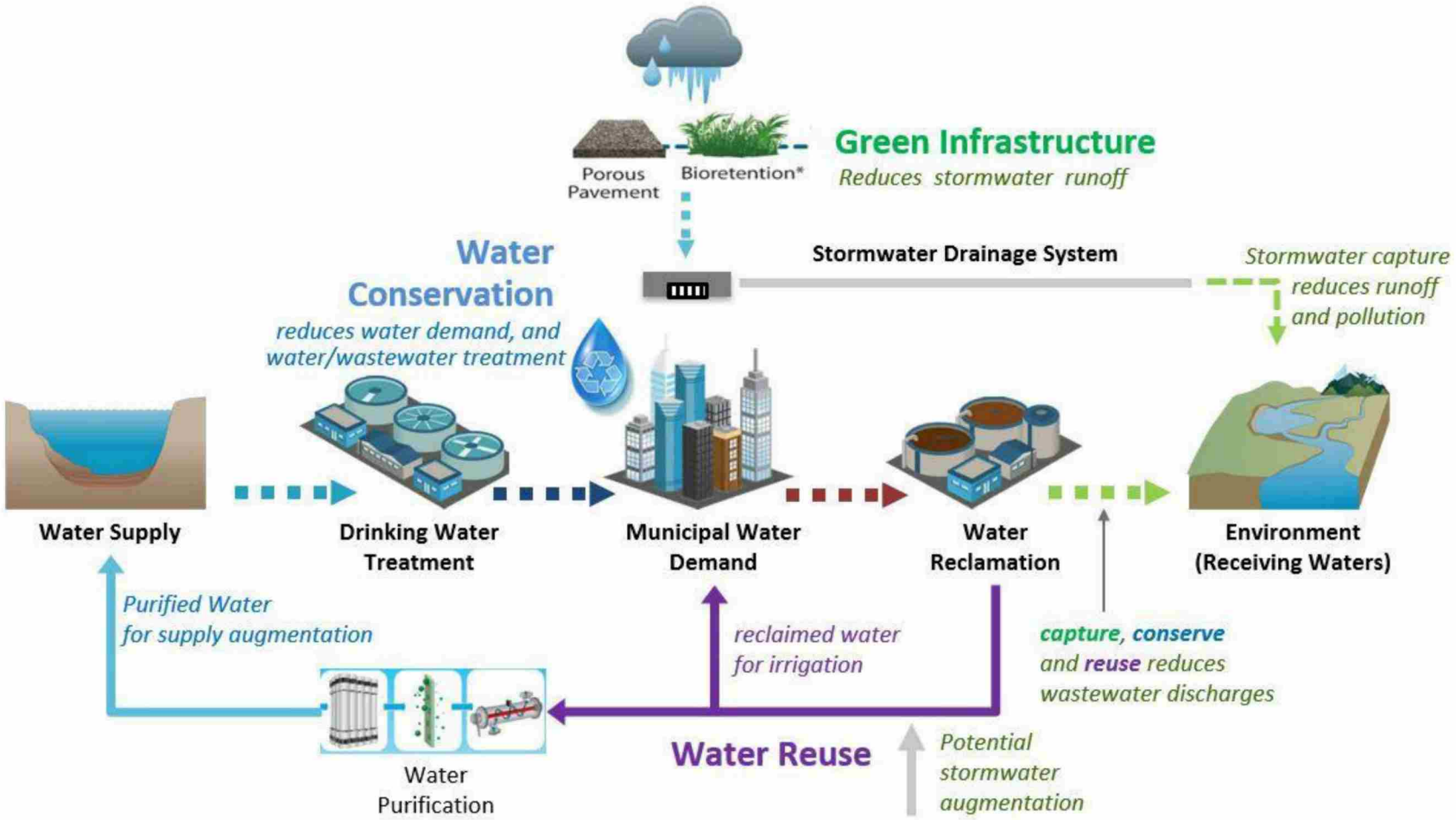
- Expansion of reclaimed system
- Tiered rates
- Public messaging/conservation efforts
- Housing fixture efficiencies





SOURCE: JEA operational data





INTEGRATED WATER RESOURCE PLAN (IWRP)

Investing in Our Water Evolution

SINCE 1997

$4 Billion

invested in advancing infrastructure

2019 – 2024

$1.2 Billion

planned in expansion, renewal & replacement and environmental stewardship

BEYOND 2024

$3 Billion

unfunded community issues:
$2B in Septic Tank Phase Out and $1B in alternative water supplies
$210M/year recurring investment in water system

JEA leading State and Community on STPO and Purified Water

- Additional $15MM ($45MM total)
- 1st neighborhood started
- RFP for STPO R&D issued
- Completed 1st purified water test
- Renewable natural gas research

ACCELERATING INNOVATION

SOURCE: JEA financial data, capital planning budget

Accelerating Energy Innovation



AUGUST 8, 2005

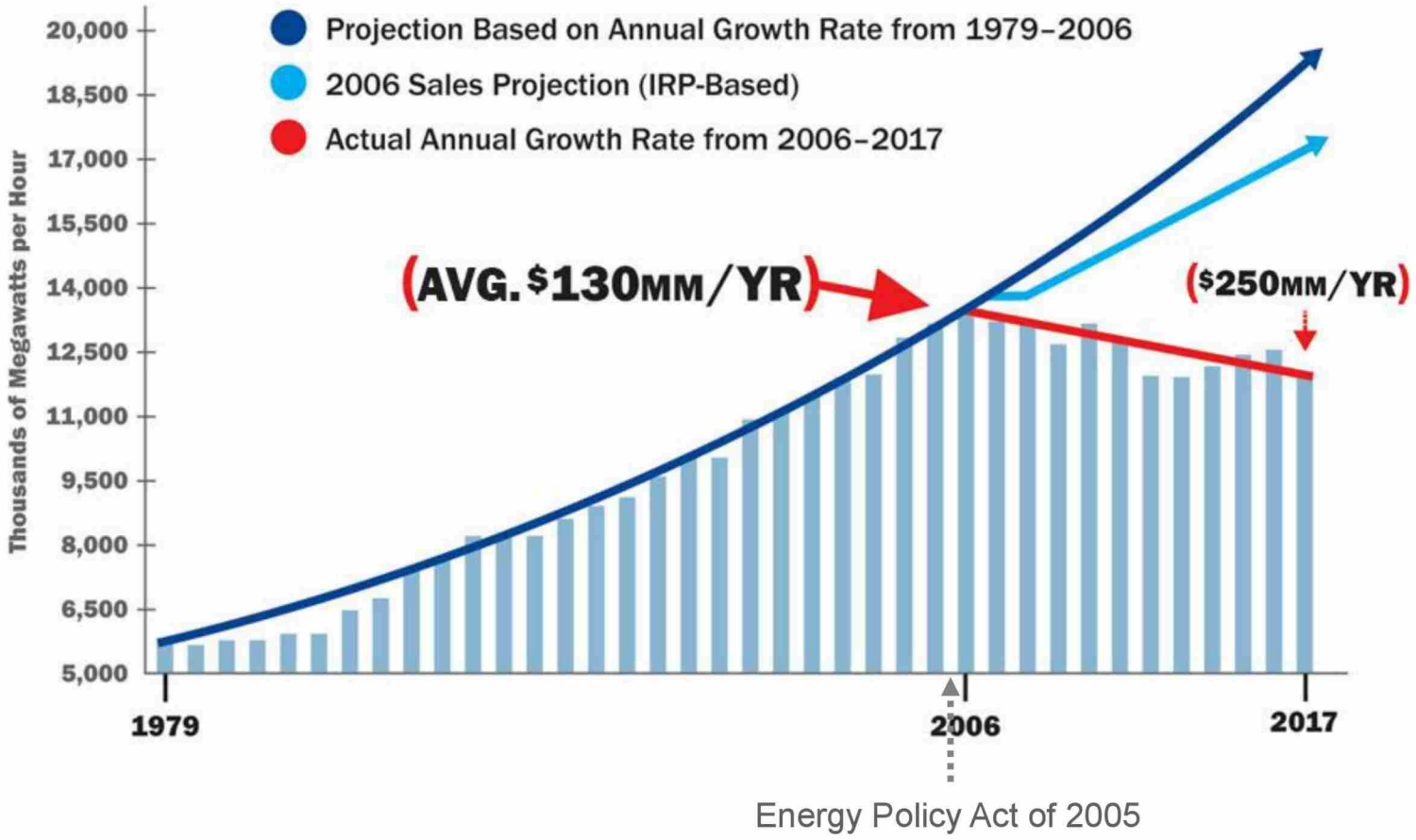


Energy Efficiency
2000's Technology Trend



ENERGY POLICY ACT OF 2005

2007-to-2017: Loss Of $1.4 Billion in Free Cash Flow

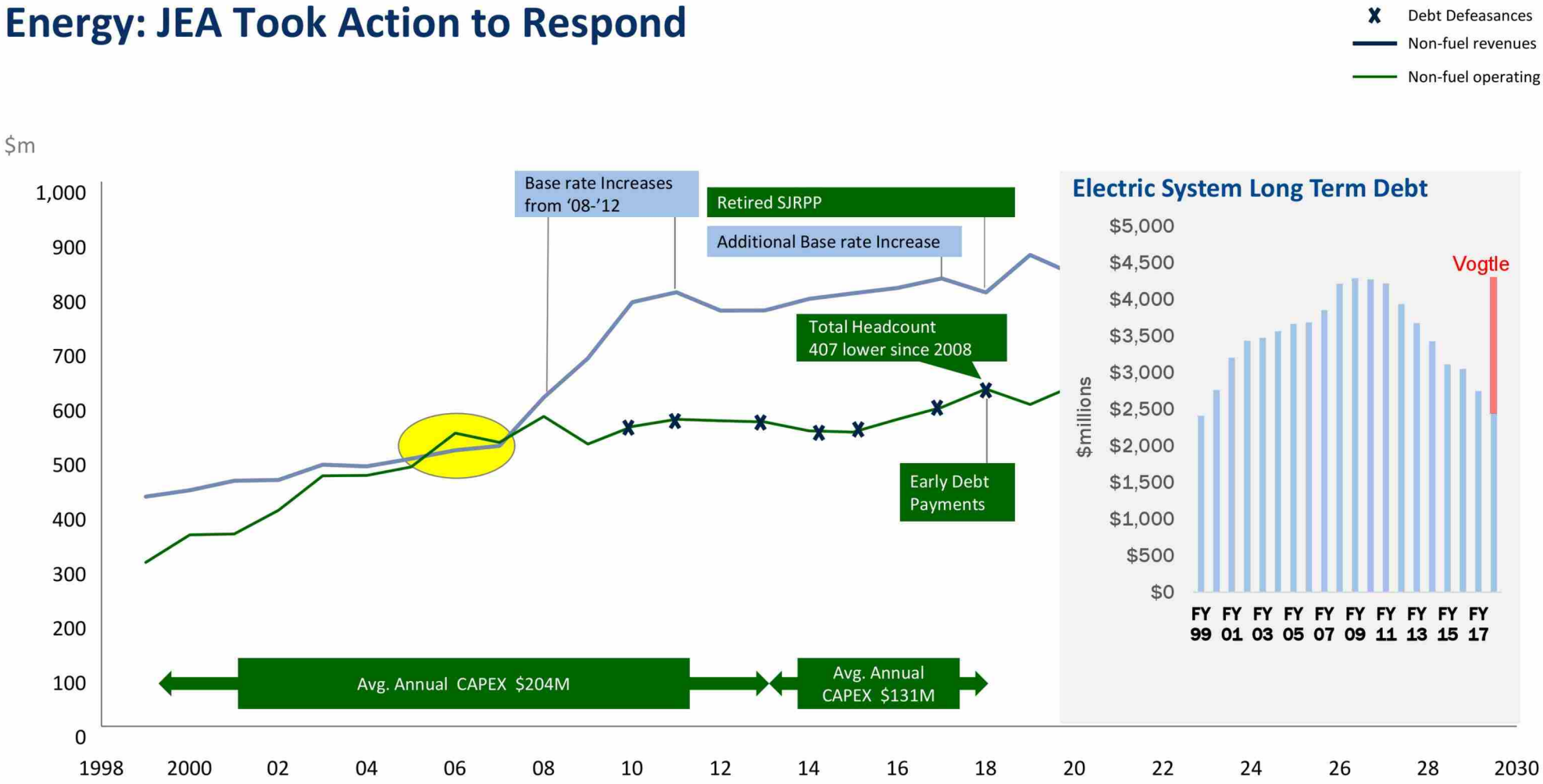


Energy Efficiency Impact

- Efficiency accounts for >90% of reduction in electric sales
- 30% lower sales in 2017 than forecasted back in 2006
- City contribution would have been $80 million per year higher

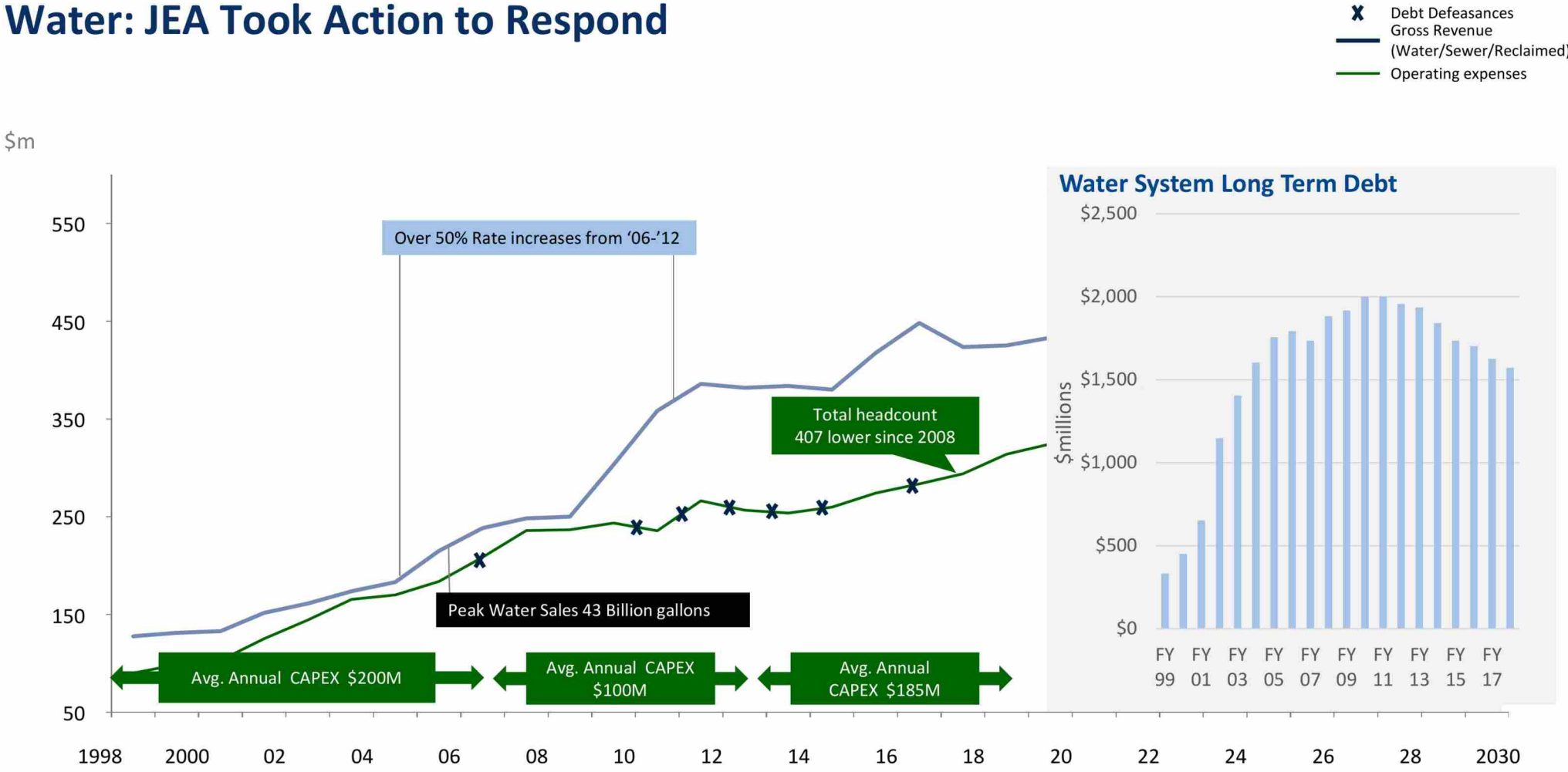
SOURCE: JEA historical operational data ; 2006 IRP; financial planning model

Energy: JEA Took Action to Respond



SOURCE: JEA historical operational data ; capital planning budget

Water: JEA Took Action to Respond



SOURCE: JEA historical operational data ; capital planning budget

Impact of the Last Decade of Business Disruption

	2006 Actual	2018 Actual	Change	Change %
Rates ($ yield per MWh)	36	62	26	71%
Unit Sales (MWh)	13,440,900	12,364,340	(1,076,560)	(8)%
# of Energy Customers	402,142	466,411	64,269	16%
Rates ($ yield per kgal)	3.74	6.45	2.71	72%
Unit Sales (kgal)	57,463,877	65,646,920	8,183,043	14%
# of Water Customers	293,689	348,159	54,470	19%
Annual City Contribution	88,688	116,620	27,932	31%
Total JEA Headcount	2,598[1]	2,191	(407)	(16)%
Total Long-term Debt ('000)[2]	$6,386,000	$3,335,000	($3,051,628)	(48)%
Total Maintenance and Other Operating Exp.	$282,282	$445,953	$163,671	58%

[1] Reflects headcount from 2008 [2]Peak JEA Long-term debt in 2010 compared to October 2019 balances.

- Customer rates increased 71% in the electric system *(went from lowest in the state to median)* and 72% in the water system
- 407 jobs eliminated since 2008
- ~$3 billion of debt repaid from 2010-2019

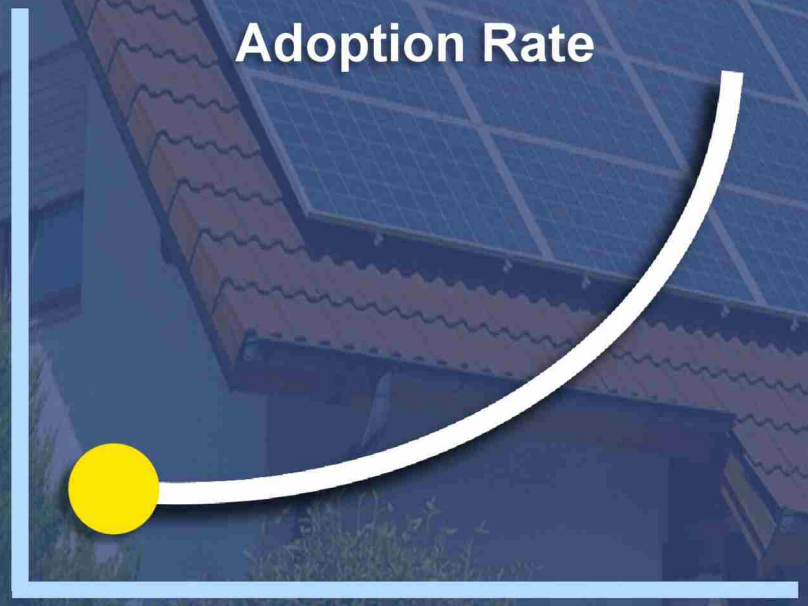
SOURCE: JEA historical operational data and financial statements



JEA®

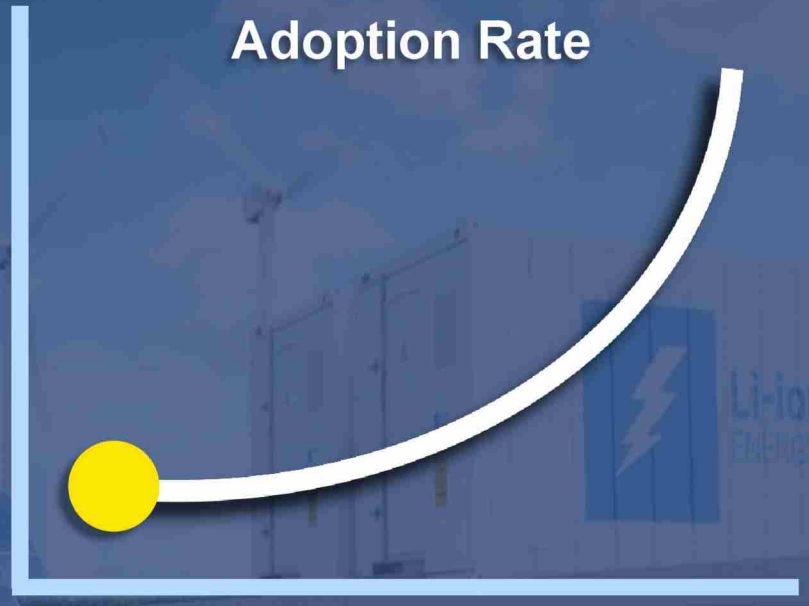
IMPACT OF ONGOING DISRUPTION

SOLAR & OTHER
(2010's tech trend)



- Solar growth increasing in JEA territory 67% CAGR since FY 14
- >$2.5MM of Net Income lost to distributed generation annually

BATTERIES
(2020's tech trend)

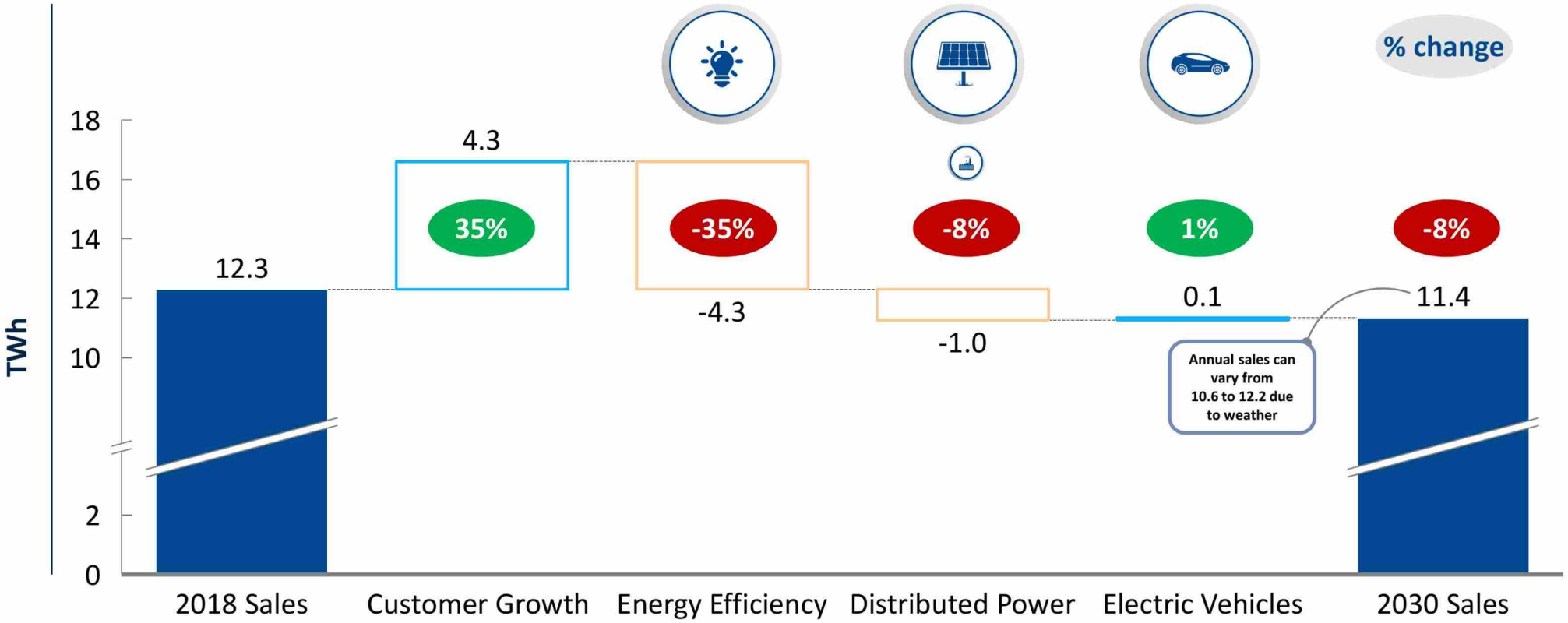


- Similar cost / performance trends to Distributed Generation (DG)
- DG + Storage will be at cost parity with utility by ~2025

SOURCE: JEA current operational data; EIA and GTM forecasts

By 2030 JEA's Customers May Likely Increase 16% and Energy Sales May Likely Fall by 8%

2030 JEA projected energy sales, TWh



SOURCE: Moody's, JEA forecasts, EPA, GTM, 2018 Storage cost model, 2018 EV growth model

Energy Sales

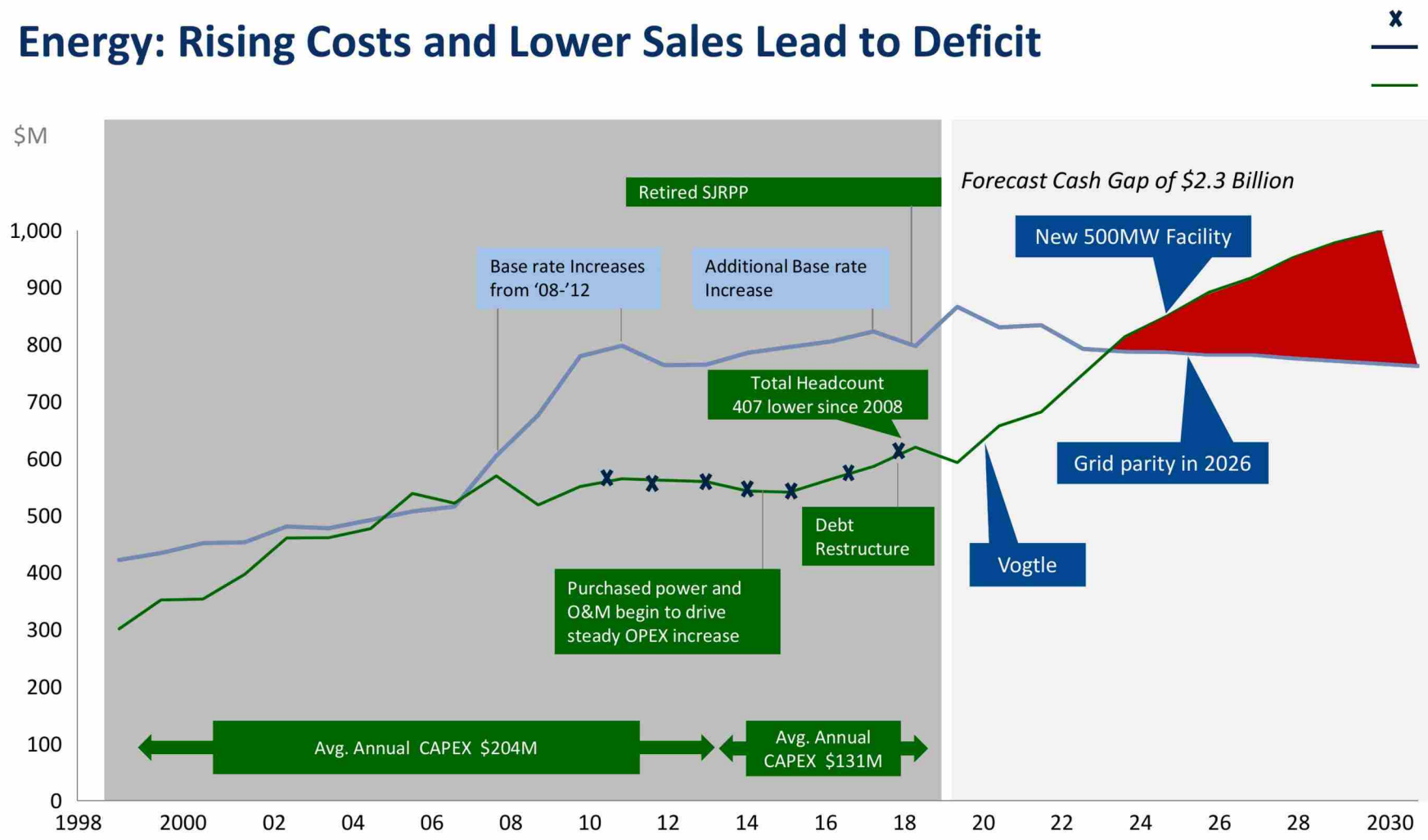


Energy sales projections based on:

- Moody's economic forecasts
- External benchmark projections
- Historical real world customer data
- Historical trends in region

1 Assumes battery part of most installa

Energy: Rising Costs and Lower Sales Lead to Deficit



Cash Gap

$2.3B

Base Rate increase

52%

OR

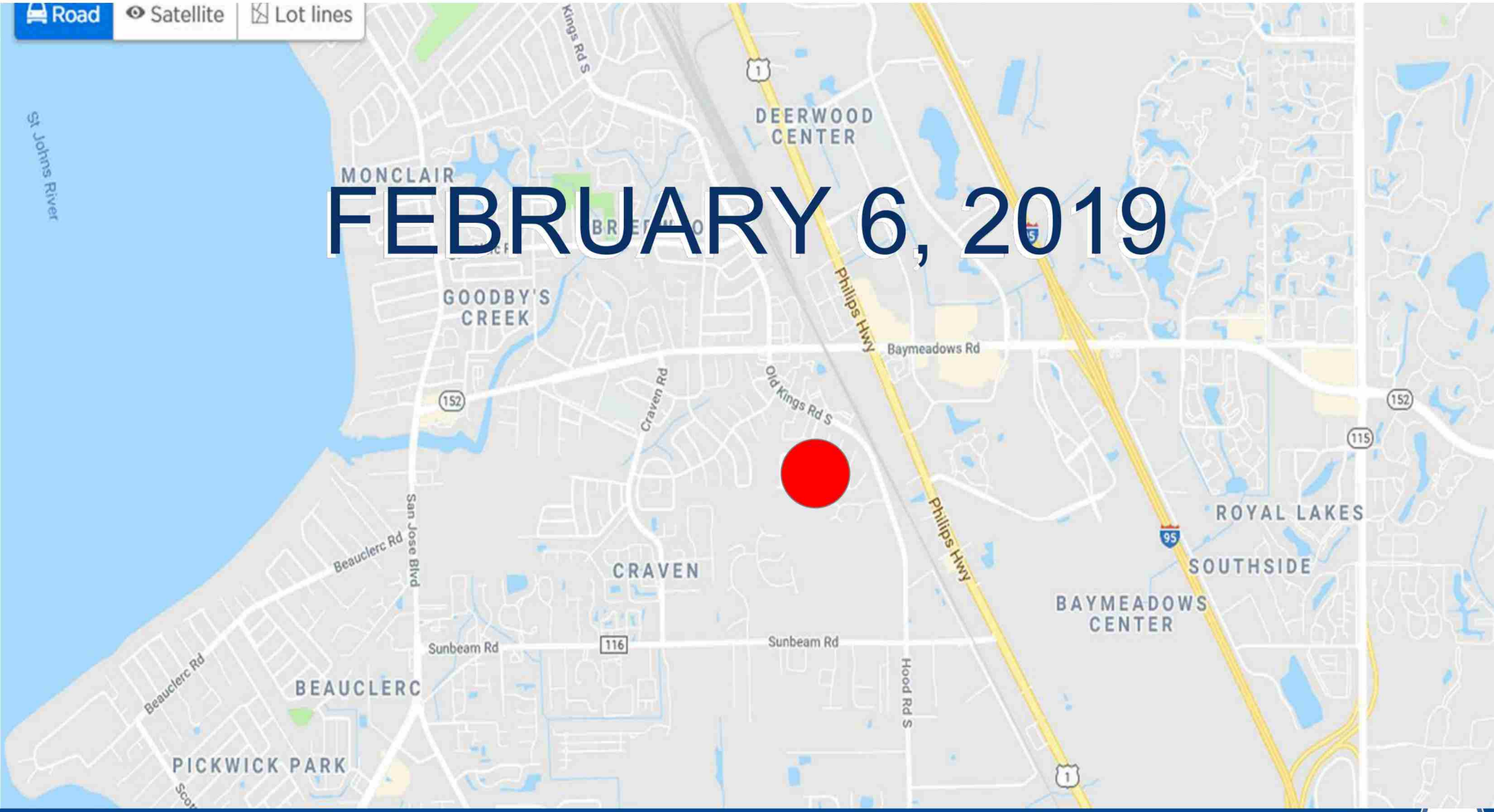
Base Rate increase

40%

⊕

No city contribution past 2023

SOURCE: JEA financial statements 1999-2018



FEBRUARY 6, 2019

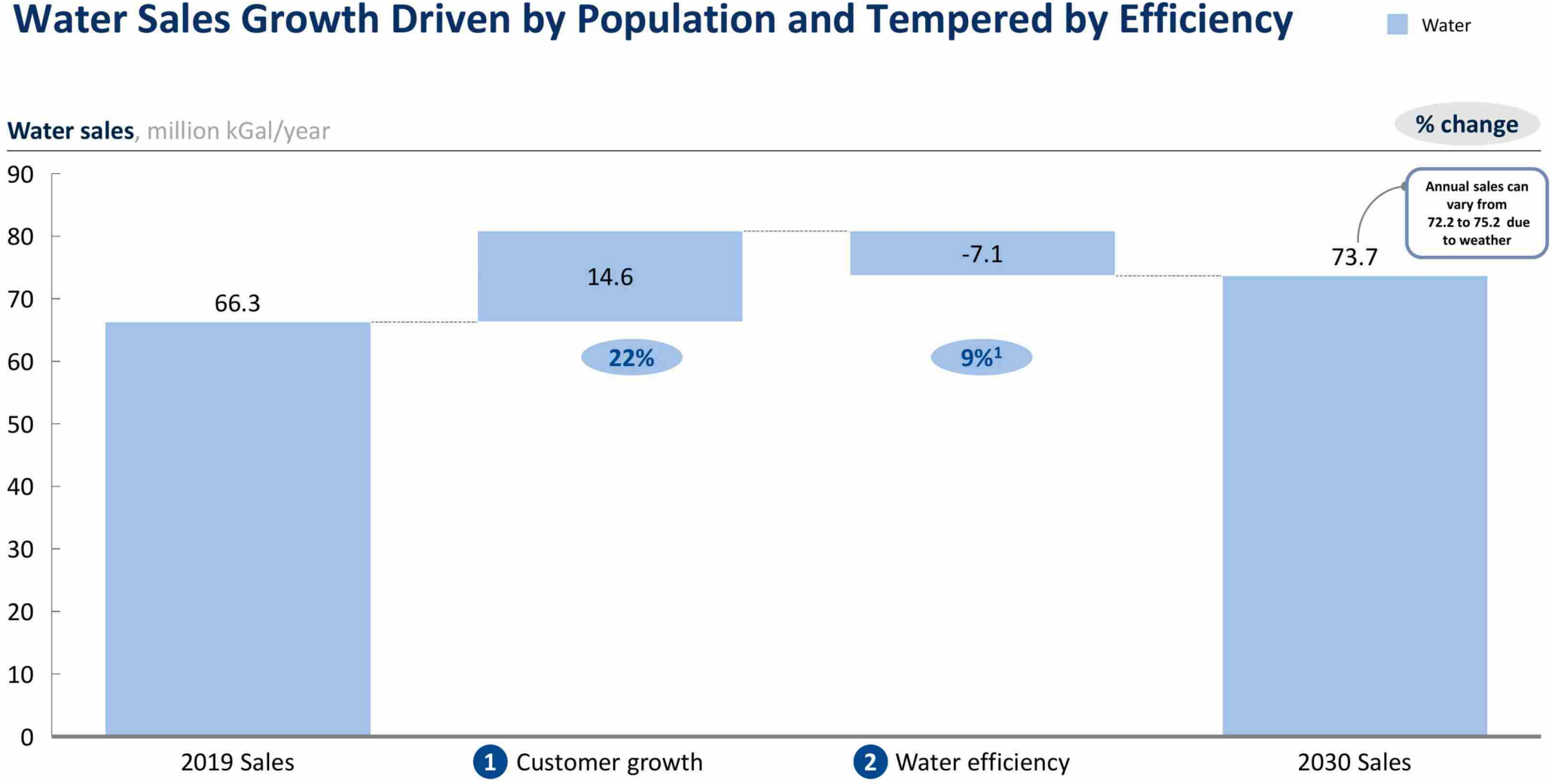
SOUTHSIDE JACKSONVILLE

- 1,900 sq ft, Built 1993
- 3 bedrooms, 2 bathrooms
- Estimated value: $250,000



SOURCE: JEA research data

Water Sales Growth Driven by Population and Tempered by Efficiency

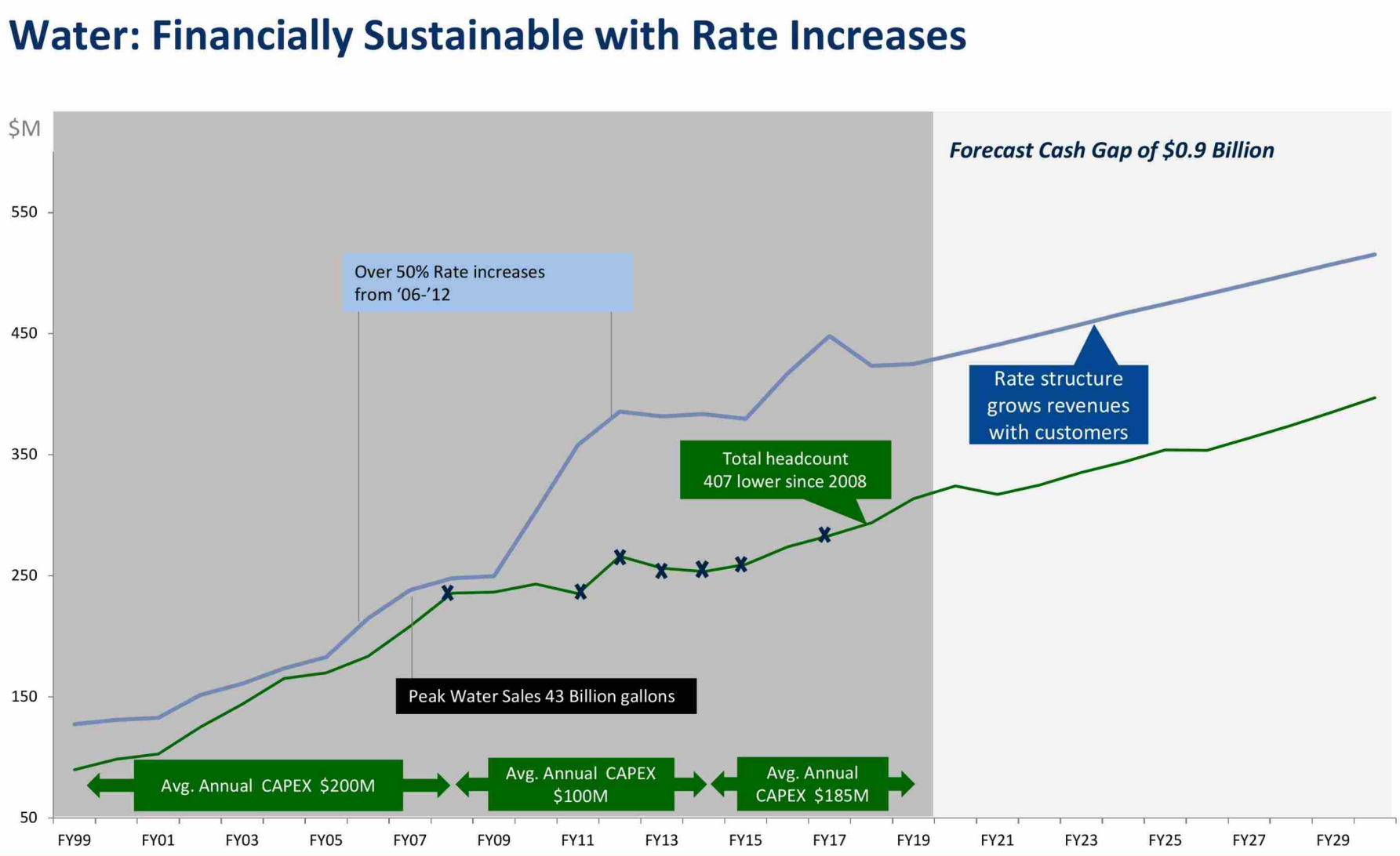


1 No change as water efficiency applies to indoor use water

DRAFT 6/7/2019

SOURCE: BBER population growth forecasts, Handbook of water use and conservation, EIA

Water: Financially Sustainable with Rate Increases



Cash Gap

$0.9B

Rate increase

15%

OR

Rate increase

9%

⊕

No city contribution past 2023

SOURCE: JEA financial statements 1999-2018

Projected Impact of the Next Decade of Business Disruption

	2018 Actual	2030 Projection	Change	Change %
Rates ($ yield per MWh)	62	94	32	52%
Unit Sales (MWh)	12,364,340	11,382,447	(981,893)	(8)%
# of Customers - Energy	466,411	542,502	76,091	16%
Rates ($ yield per kgal)	6.45	7.42	0.97	15%
Unit Sales (kgal)	65,646,920	73,695,324	8,048,404	12%
# of Customers – Water	348,159	416,470	68,311	20%
Total Annual City Contribution	116,620	131,256	14,636	13%
Total JEA Headcount	2,191	2,191	0	0%
Total Long-Term Debt plus Contract Debt ('000)[1]	$5,110,000	$4,834,000	($276,000)	(5)%
Total Maintenance and Other Operating Exp.	$393,657[2]	$737,376	$343,719	87%

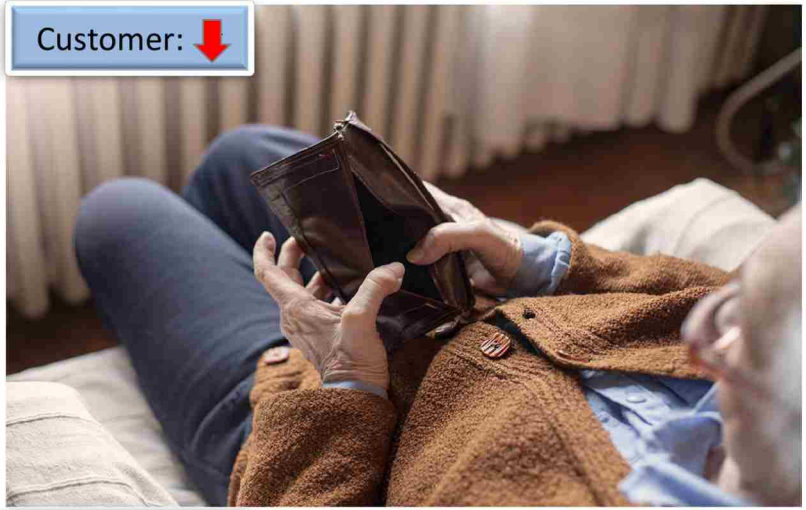
[1] JEA Long-term debt in October 2019 2018 [2]Actual Maintenance and Other Operating Exp adjusted to exclude SJRPP

- Customer rates increase 52% in the electric system
- Customer rates increase 15% in the water system
- $276 million of debt repaid, leaving $4.8 billion of direct + contract debt outstanding
  - Contract debt amortizes through 2062, JEA obligation to pay debt service for all contract debt through 2043

SOURCE: JEA financial planning and forecasting model

Imagine the Impacts…

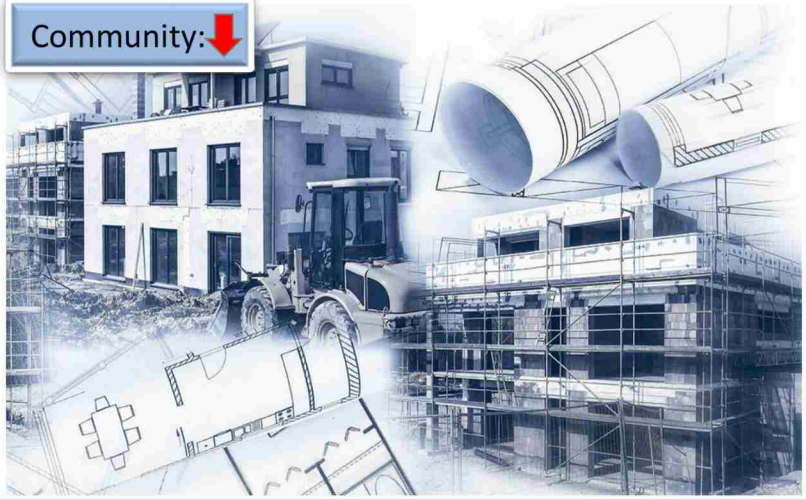
Customer:



Financial:



Community:



Environmental:



Focused More Than Ever on Remaining Relevant to Our Customers



TRANSITION

Stabilize JEA, develop strategic framework, Guiding Principles, corporate dashboard, financial tools

ESTABLISH BASE LINE

Assess current "business as usual" organizational health and financial projection

"Status Quo"

STRATEGY DEVELOPMENT

Design multiple strategies to meet future targets / challenges:

1) Mgmt response
2) Unconstrained plan

FINALIZE EXECUTABLE PLAN

Publish long-term plan with specific tactics and targets

POSITION FOR LONG TERM

Align JEA stakeholders and charter with long-term plan to maximize value:

1) Customer
2) Financial
3) Environmental
4) Community Impact

LAUNCH 'NO REGRETS' INITIATIVES

Strategic Planning Process Status

Planning Step	Purpose / Deliverables	Status
Step 1	Transition	
	Guiding Principles – Long Term Guide	Complete
	Headline Priorities – Short Term Focus	Complete
Step 2	Establish Baseline	
	OHI – Measure of Baseline for JEA's Culture	Complete
	Last 10 Years – Refocus of Impact of Technology Disruption on JEA	Complete
	Strategic Plan #1: Status Quo Baseline – JEA operates without change	Complete
Step 3	Strategy Development	
	Strategic Plan #2: Status Quo 2 – Management Response without Charter Change	In Process
	Map of Constraints Impeding Growth of JEA's Corporate Measures of Value	In Process
	Establish Corporate Tools to Drive Change	
	Corporate Organization	In Process
	Total Compensation Philosophy and Plan	In Process
	Cultural Development Strategy & Initiatives	In Process
	Corporate Innovation & Change Management Process	In Process
	Strategic Plan #3: Unconstrained Strategic Plan	After Strategic Plan #2
Step 4	Finalize JEA's Executable Strategic Plan	
	Board Approve Strategic Plan	After Step 3
	Board and City Council Approve Budget	TBD
	Board and City Council Approve Necessary Policies to Implement Strategic Plan	TBD
Step 5	Position JEA for Long Term and Begin Execution of 2030 Strategic Plan	







IMPROVING LIVES BY ACCELERATING INNOVATION







Appendix: Past Ten Years of JEA Results



JEA's Last 10 Years Was Shaped by Falling Sales and Rising Costs

- Energy efficiency, driven by the Energy Policy Act of 2005, drove down energy system sales (page 3)
- Distributed generation (primarily solar) is growing exponentially in JEA's service territory (pages 6-8)
- JEA raised electric rates 71% (page 9) and water rates 72% (page 14)
- Costs were cut to fund early debt retirements
  - Electric customers increased while employees decreased (pages 10 and 15)
  - Capex was reduced in both systems to fund early debt retirement (pages 11 and 16)
- JEA aggressively retired debt, repaying more than $3 billion from peak (pages 12 and 17)
- Those aggressive actions were not sufficient to combat continuing business challenges

August 8, 2005

Energy Policy Act of 2005



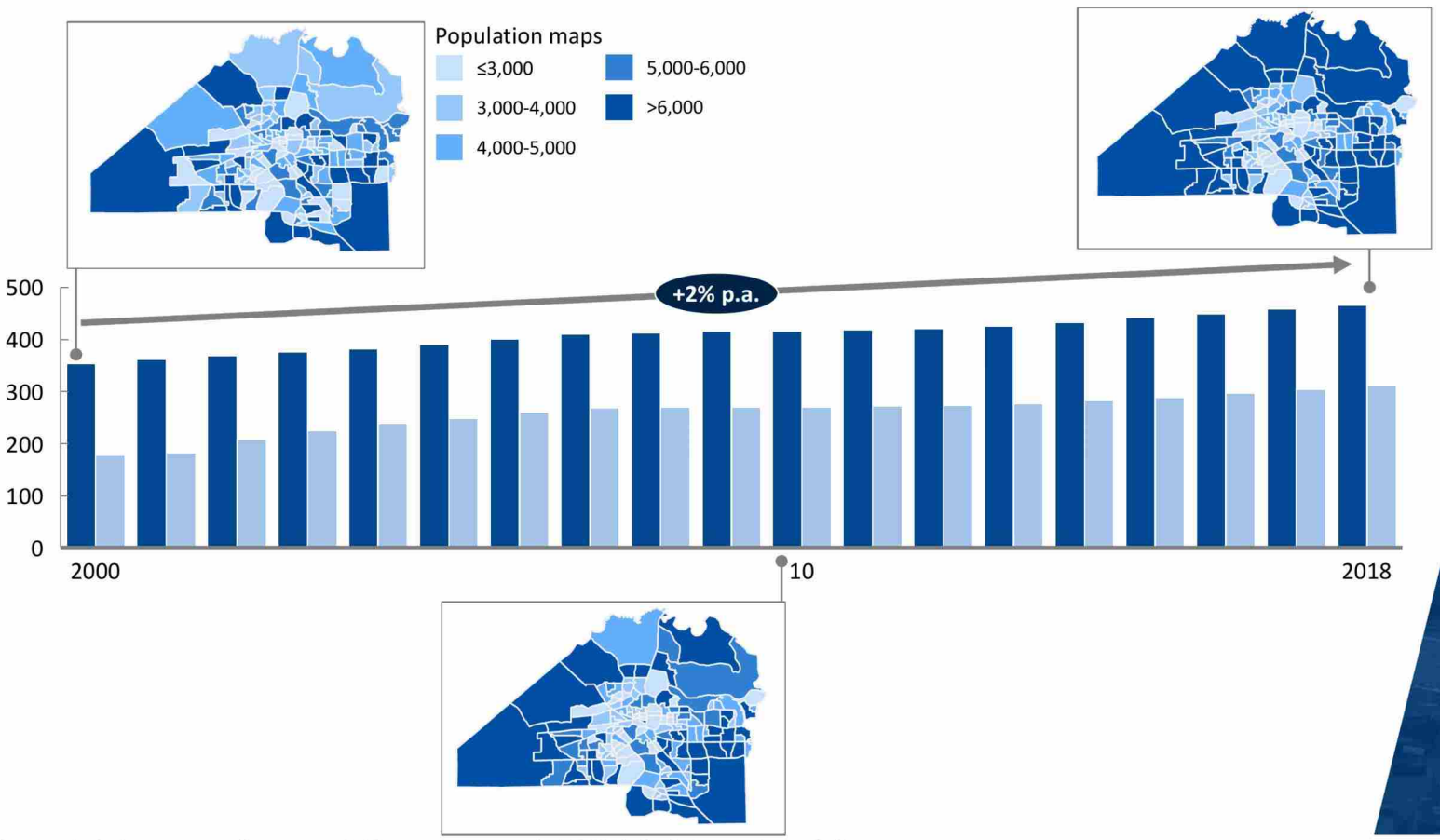
Energy Efficiency - 2000's technology trend

- Tax incentives for energy efficiency technology
- Exempted fluids used in gas fracking from Clean Air Act, Clean Water Act, Safe Drinking Water Act, and CERCLA
- Additional incentives for solar, wind and renewables

SOURCE: EPA

Since 2000, JEA has added the city of Tallahassee to its customer load…

Customer growth, thousand electric customers



JEA has increased its electric customer base by **112,000 customers** since 2000 – equivalent to the city of Tallahassee's utility customer base (121,000 customers)

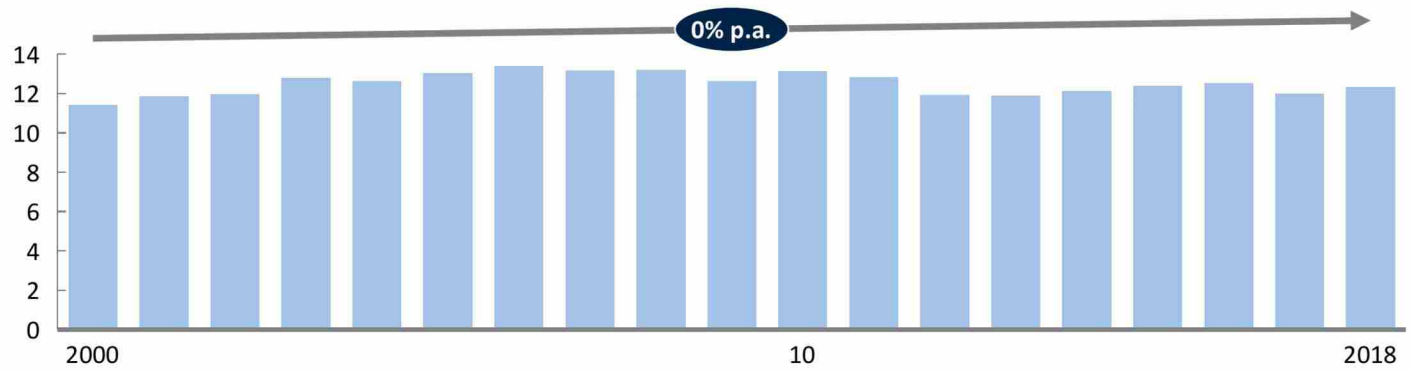
Water has increased even faster (3% annual customer growth)

1 Based on distribution capacity spend per customer (7-10k new customers annually, $18-20M in distribution capacity spending)

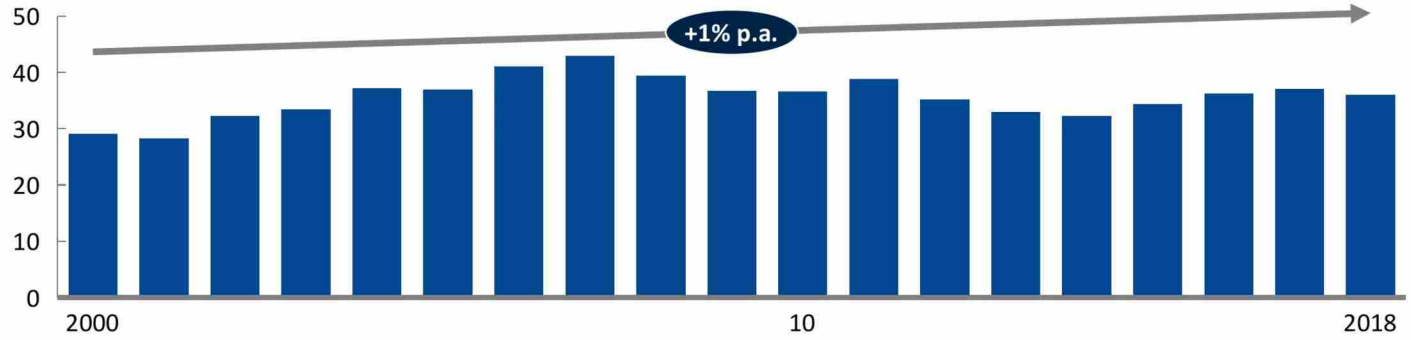
SOURCE: JEA historical operational performance, Experian, US Census data for Duvall County, Tallahassee electric utility operational statement

…Without changing energy sales

Energy sales, million MWh



Water sales, M kGal



Energy sales have remained flat, and have declined since 2007

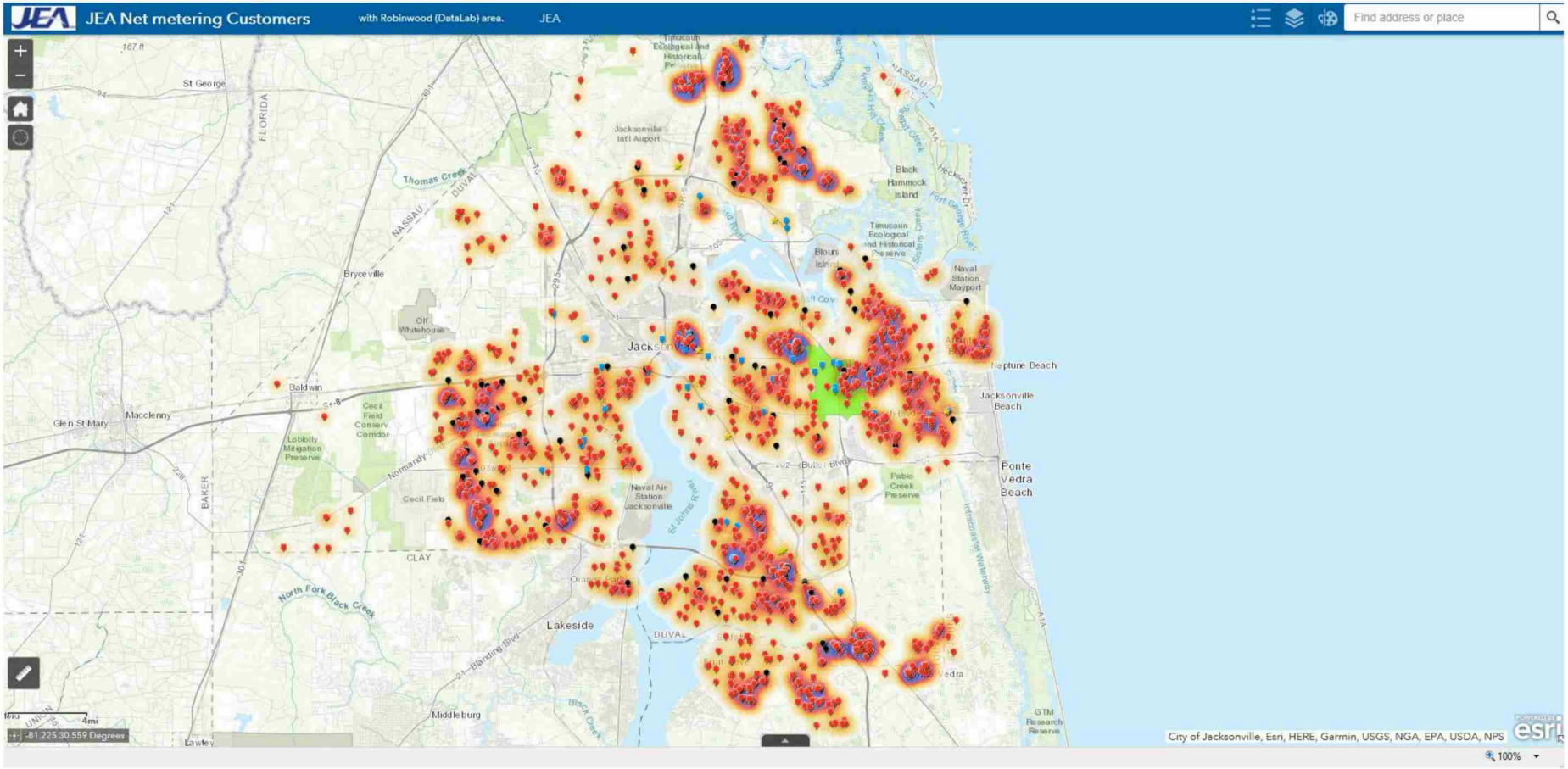
Each new customer adds **~$2,500** in energy capital costs and **$100-200** / year in ongoing operating costs[1], contributing to rising costs

Water sales have been affected by weather, water efficiency, and customer behavior, but have sustained growth

1 Based on distribution capacity spend per customer (7-10k new customers annually, $18-20M in distribution capacity spending) and additional materials & supplies spend / new customer

SOURCE: JEA statement of operating statistics

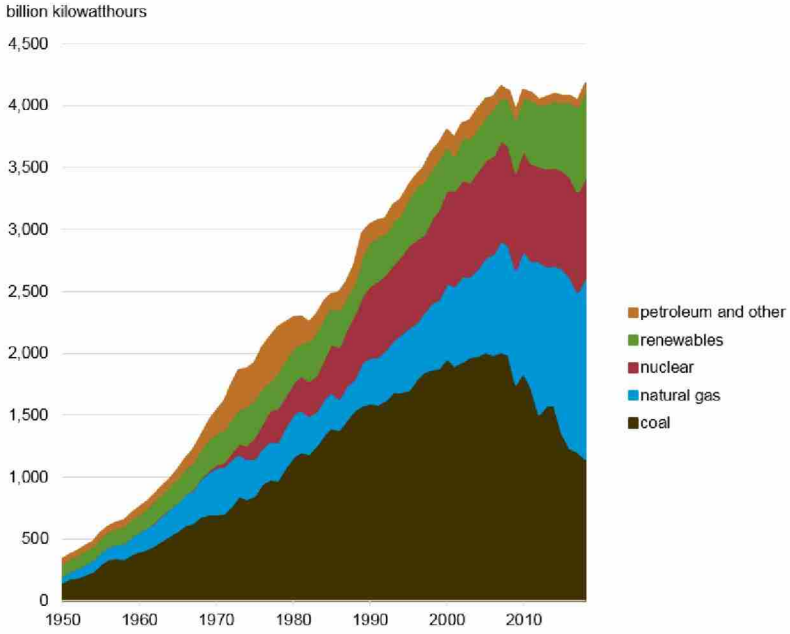
Existing adoption of solar distributed generation in JEA's service territory



SOURCE: JEA customer database

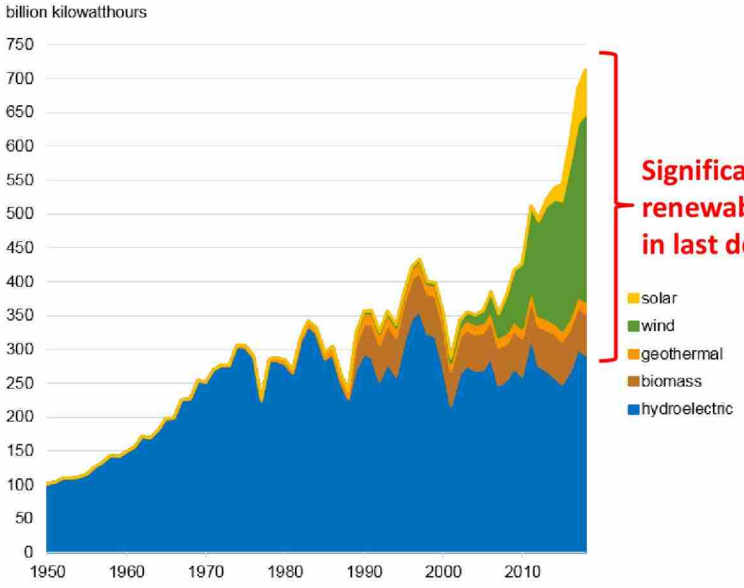
Adoption of renewables and distributed generation is a state, national and global trend, it is not unique to JEA's service territory

U.S. electricity generation by major energy source, 1950–2018



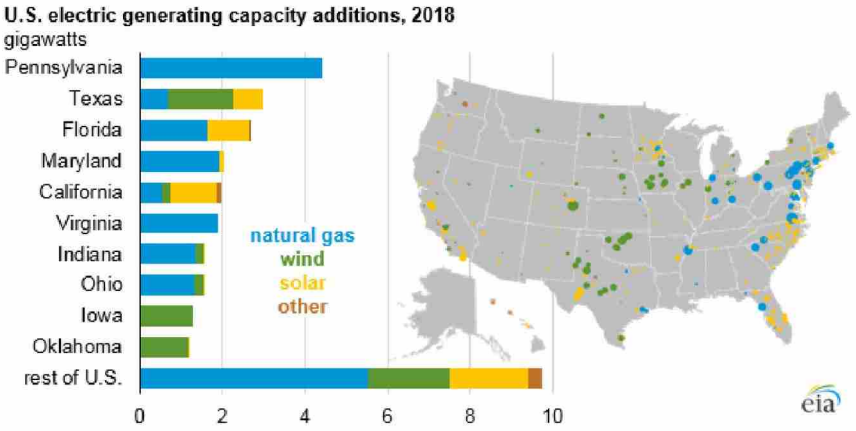
Note: Electricity generation from utility-scale facilities.
Source: U.S. Energy Information Administration, *Monthly Energy Review*, Table 7.2a, March 2019

U.S. electricity generation from renewable energy sources, 1950–2018



Note: Electricity generation from utility-scale facilities. Hydroelectric is conventional hydropower.
Source: U.S. Energy Information Administration, *Monthly Energy Review*, Table 7.2a, March 2019

Florida is one of the top 10 states (2018) in adoption of solar generation



Source: U.S. Energy Information Administration (EIA)

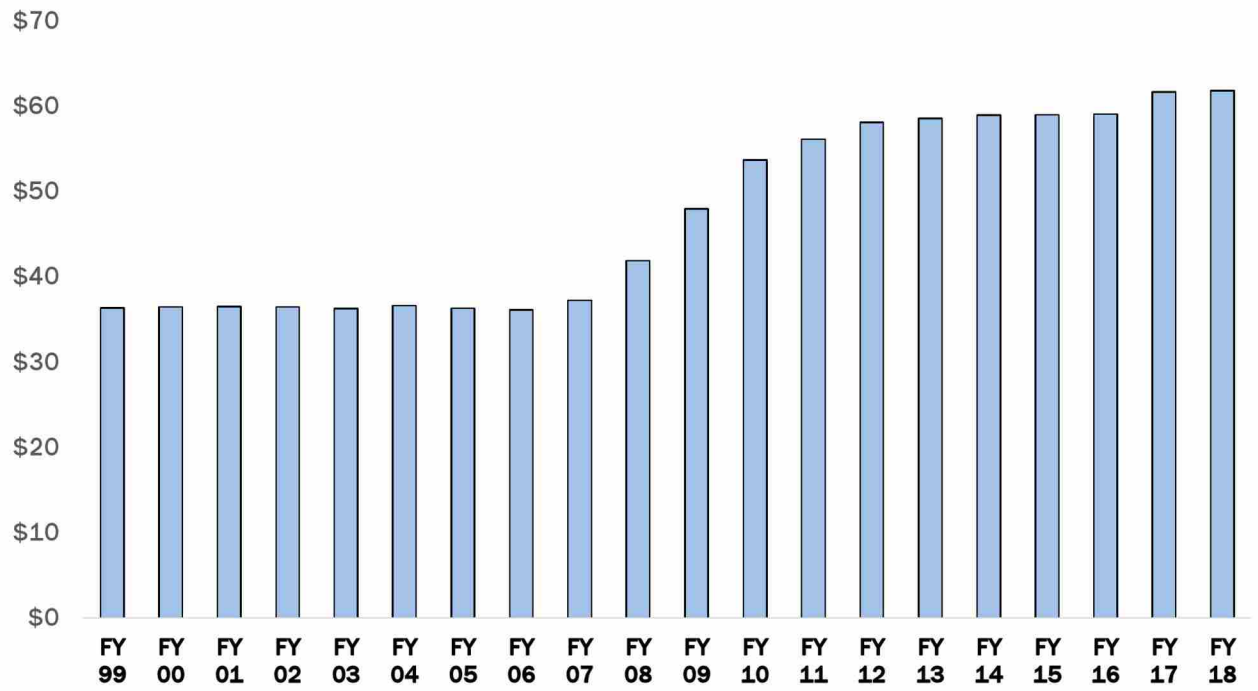
Ranking	State	Cumulative Installed Capacity (MW), 2018
1	California	24,464
2	North Carolina	5,261
3	Arizona	3,739
4	Nevada	3,145
5	Texas	2,925
6	New Jersey	2,733
7	Massachusetts	2,465
8	Florida	2,290
9	Utah	1,651
10	New York	1,628

Source: Solar Energy Industries Association (SEIA)

Source: U.S. Energy Information Administration (EIA)

Revenue per mWh History

Base Revenue / Territorial mWh

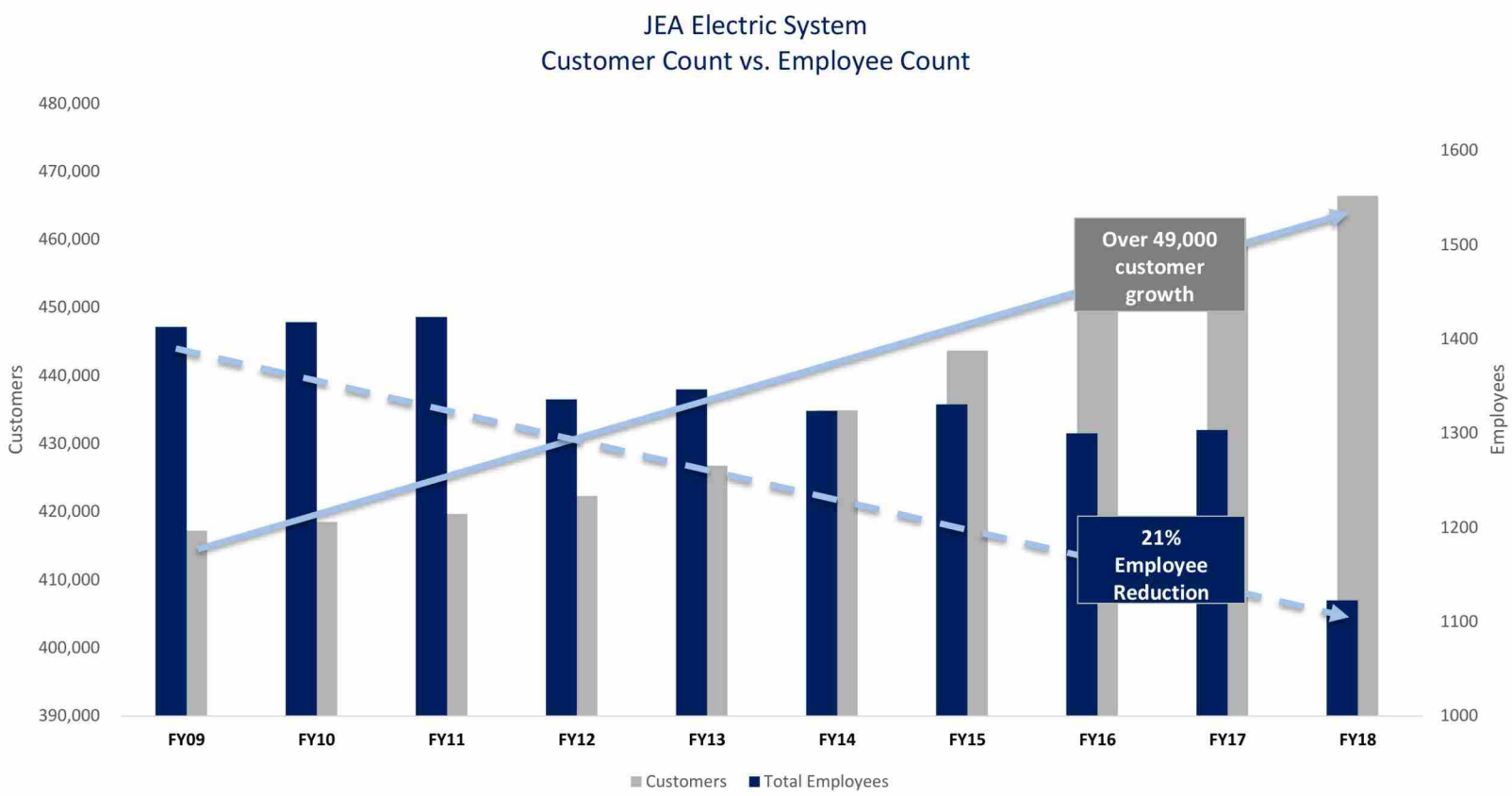


- Base Revenue per mWh in FY18 is 71% higher than FY06 due to rate increases within that 12 year period

SOURCE: JEA financial statements 1999-2018

In the past decade JEA has 12% more customers while reducing employee count 21%

Customers, electric customers
Employees*, electric system employees



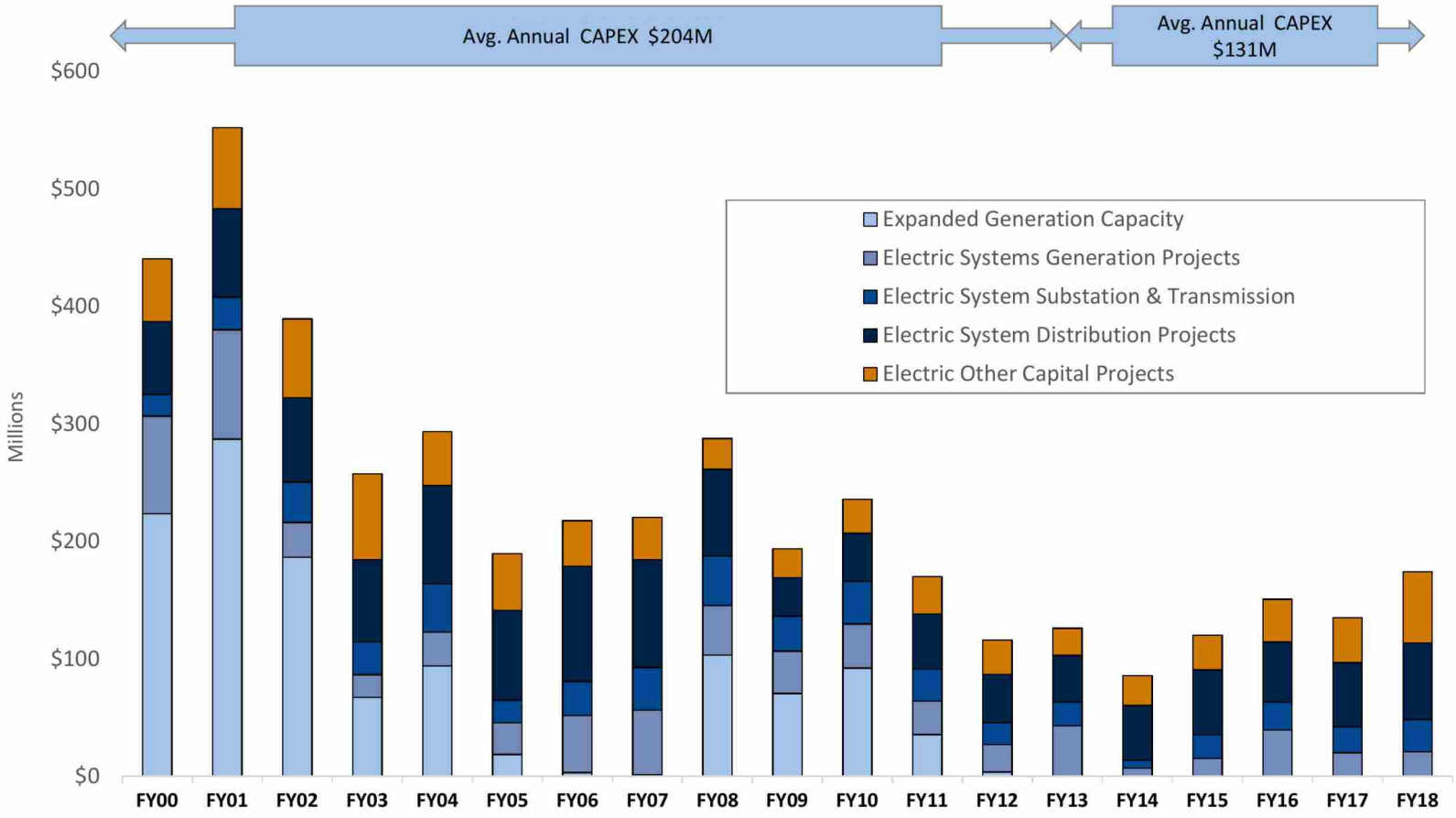
- Electric customer base increased by 49,184 customers since 2009
- Energy System employees decreased by 290 employees since 2009

*58% of Corporate Personnel was allocated to the electric employee count

SOURCE: JEA budget and personnel data

Capital Expenditure History

Mainly Generation Capacity Projects drive high spend years

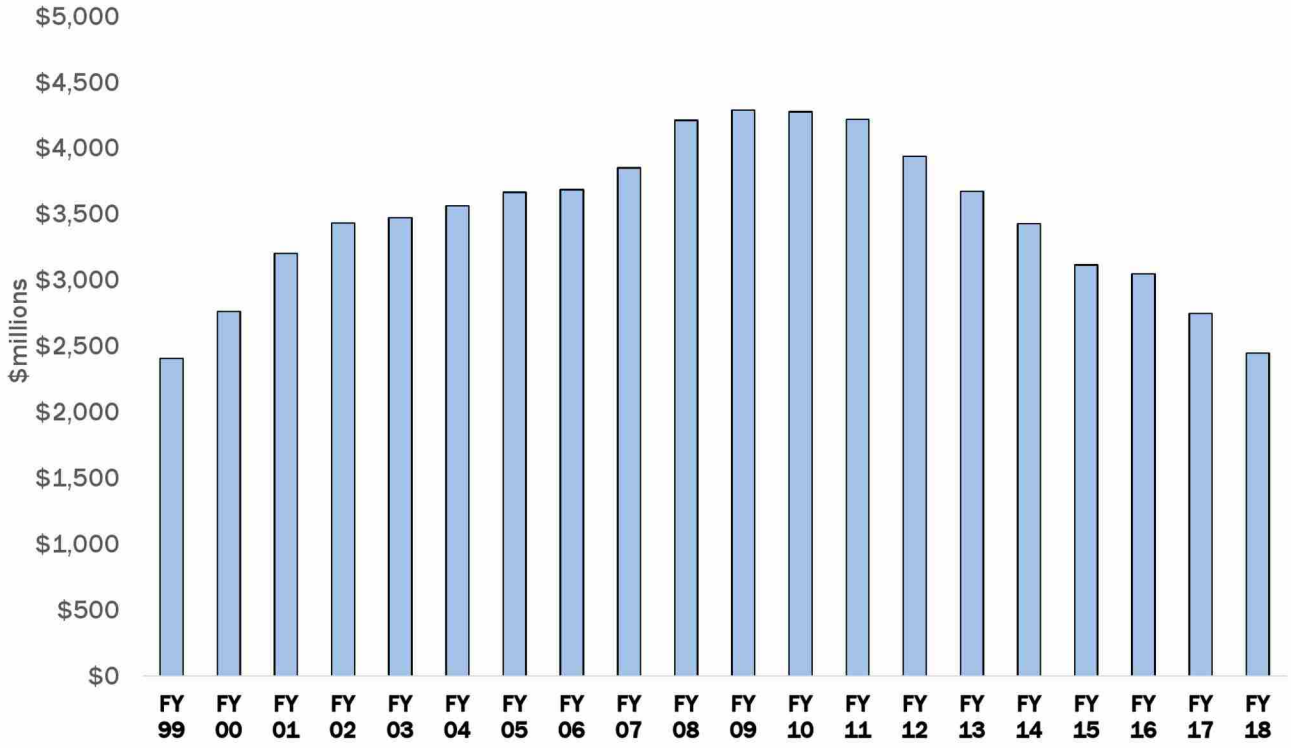


- Started FY'00
  Repowering of Northside 1 & 2
- Started FY'01
  Brandy Branch Combined Cycle
- Started FY'06
  Greenland Energy Simple Cycle
  Kennedy Combustion Turbines

SOURCE: JEA historical capital projects budget

Milestone Defeasances in the last 10 years

Electric Long Term Debt

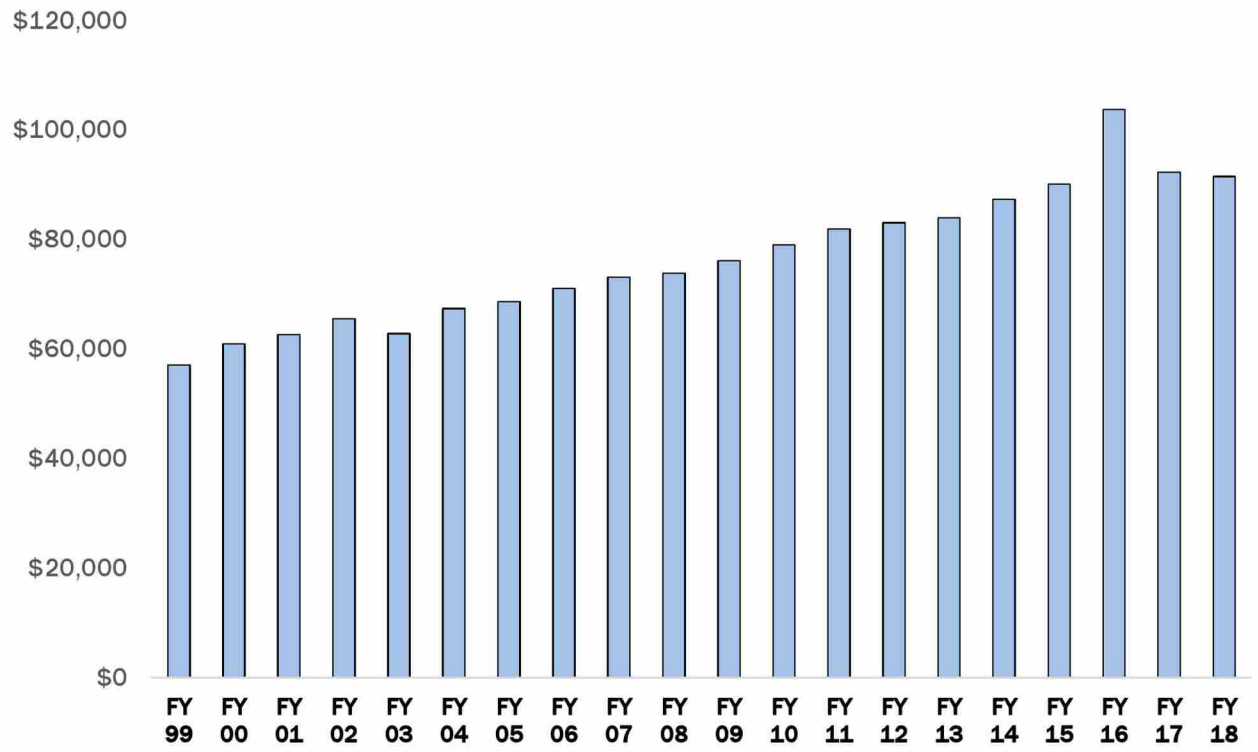


Fiscal Year	Debt Defeasance ($M)	Cumulative Defeasance ($M)
FY08	$0.0	$0.0
FY09	$0.0	$0.0
FY10	$34.0	$34.0
FY11	$31.7	$65.7
FY12	$0.0	$65.7
FY13	$16.5	$82.1
FY14	$35.0	$117.2
FY15	$96.0	$213.2
FY16	$0.0	$213.2
FY17	$66.1	$279.3
FY18	$128.3	$407.6

SOURCE: JEA financial statements 1999-2018

City Contribution History

Although Sales is main driver of the agreement, the adder changed over time

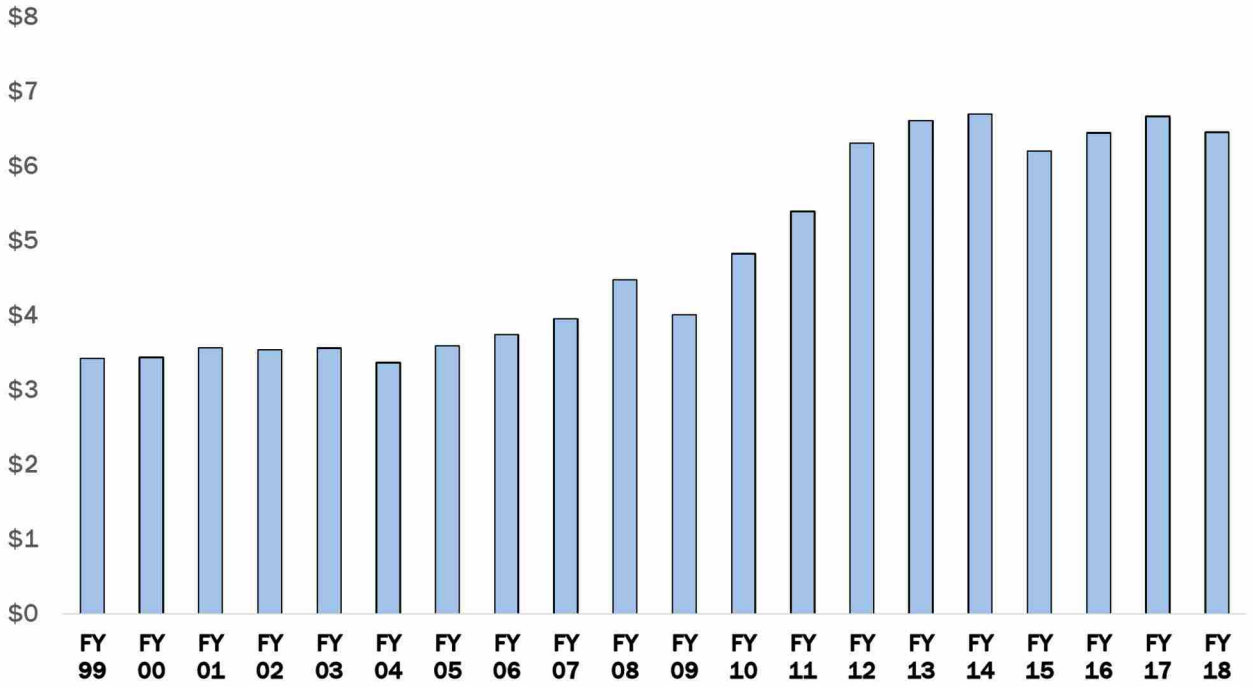


- The minimum city contribution agreement in recent years required the following:
  - '04 to '08: The greater of Millage or previous year city contribution amount + additional $2,750,000 each year
  - '09 to '16: The greater of Millage or previous year city contribution amount + $2,500,000 each year
  - '17 to Present: The greater of Millage or a minimum annual increase of 1% using the fiscal year '16 assessed city contribution amount
- In '16 JEA provided an additional $12 million in an interlocal agreement for the Septic Tank Phase Out Program

SOURCE: JEA financial statements 1999-2018

Revenue per kgal History

Base Revenue / Total Water, Sewer, Reclaimed Kgal Sales

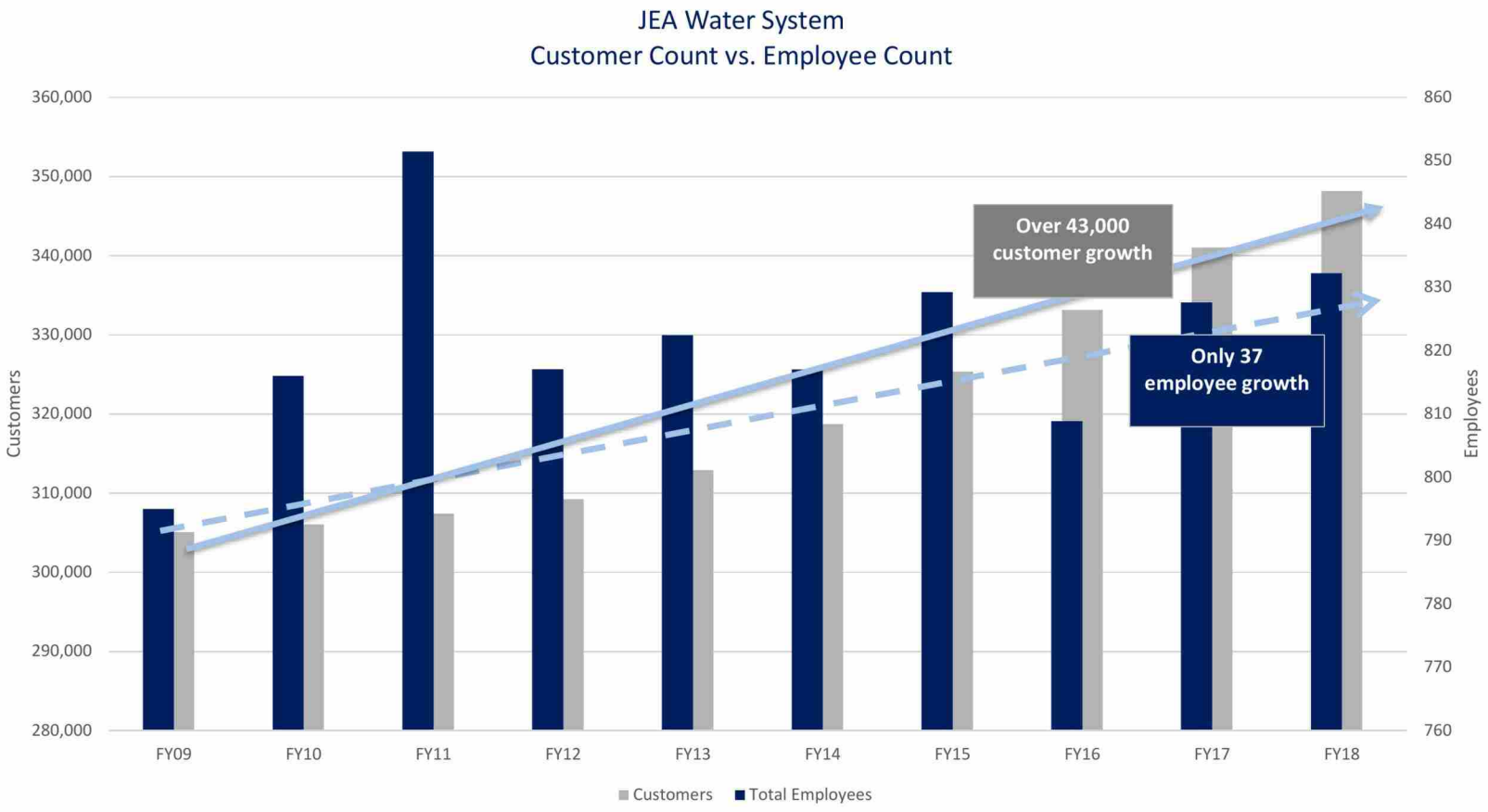


- Revenue per kgal in FY18 is 72% higher than FY06 due to rate increases within that 12 year period

SOURCE: JEA financial statements 1999-2018

In the past decade JEA has 14% more customers while only increasing employee count 5%

Customers, water customers
Employees*, water system employees



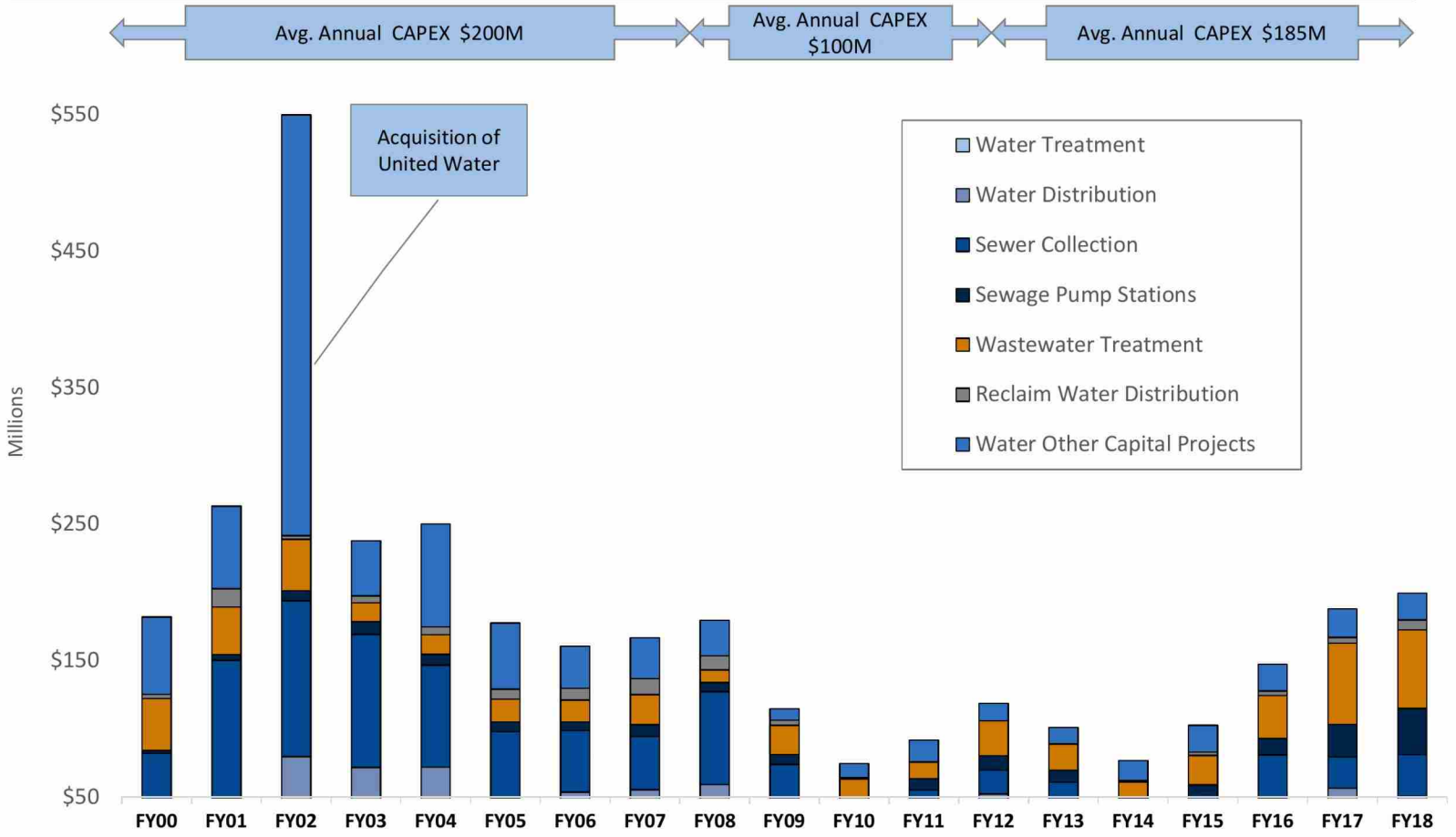
- Water System customer base increased by 43,083 customers since 2009
- Water System employees increased by only 37 employees since 2009

*42% of Corporate Personnel was allocated to the water employee count

SOURCE: JEA budget and personnel data

Capital Expenditure History

Sewer collection & other capital projects primarily drive high spend years

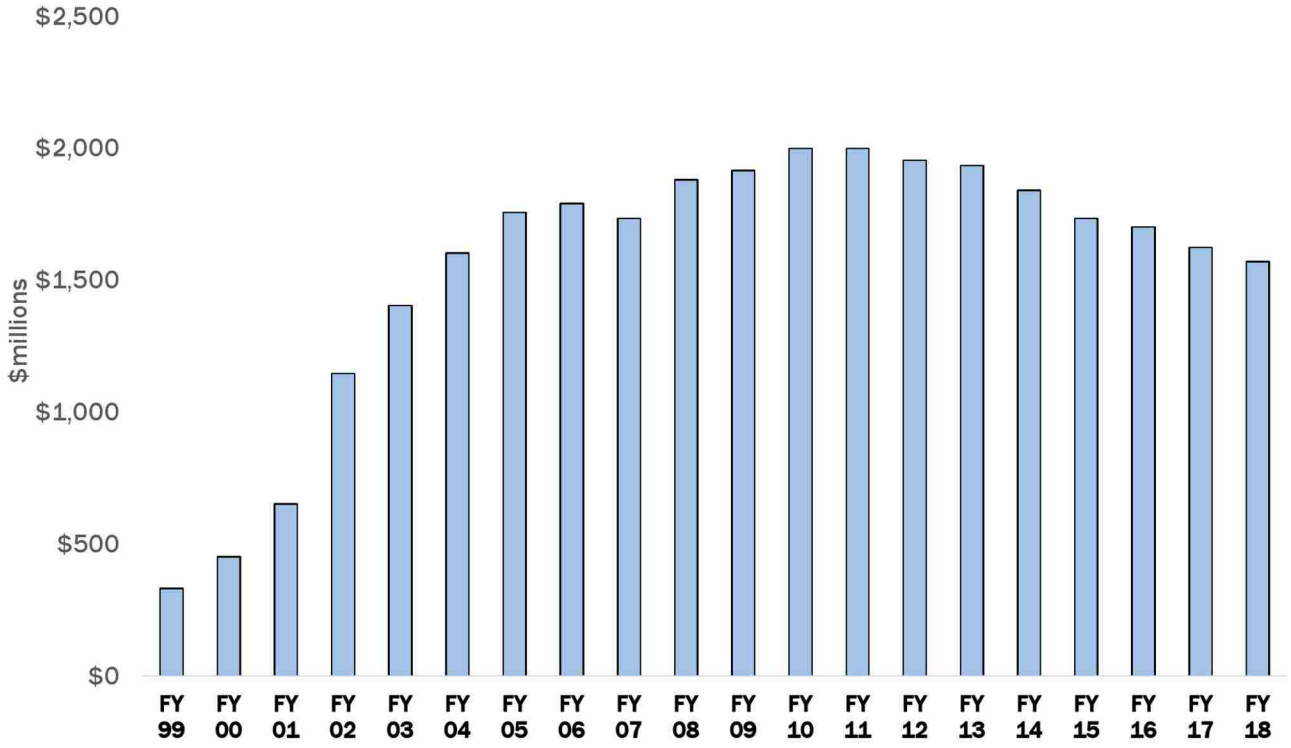


- Purchase United Water in FY02
- Build-out reclaim water infrastructure in FY03

SOURCE: JEA historical capital projects budget

Milestone Defeasances in the last 10 years

Water System Long Term Debt

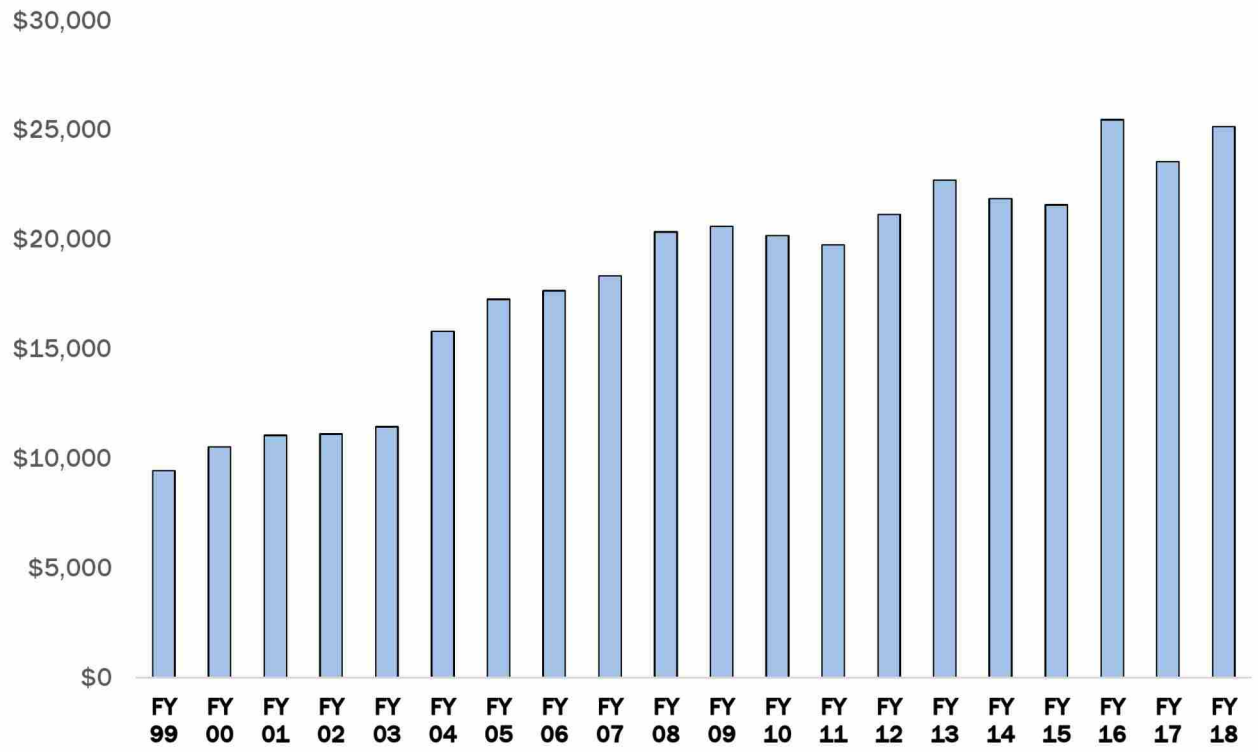


Fiscal Year	Debt Defeasance ($M)	Cumulative Defeasance ($M)
FY08	$3.0	$3.0
FY09	$0.0	$3.0
FY10	$0.0	$3.0
FY11	$14.5	$17.5
FY12	$16.5	$34.0
FY13	$6.2	$40.2
FY14	$53.0	$93.3
FY15	$73.4	$166.6
FY16	$0.0	$166.6
FY17	$6.1	$172.8
FY18	$0.0	$172.8

SOURCE: JEA financial statements 1999-2018

City Contribution History

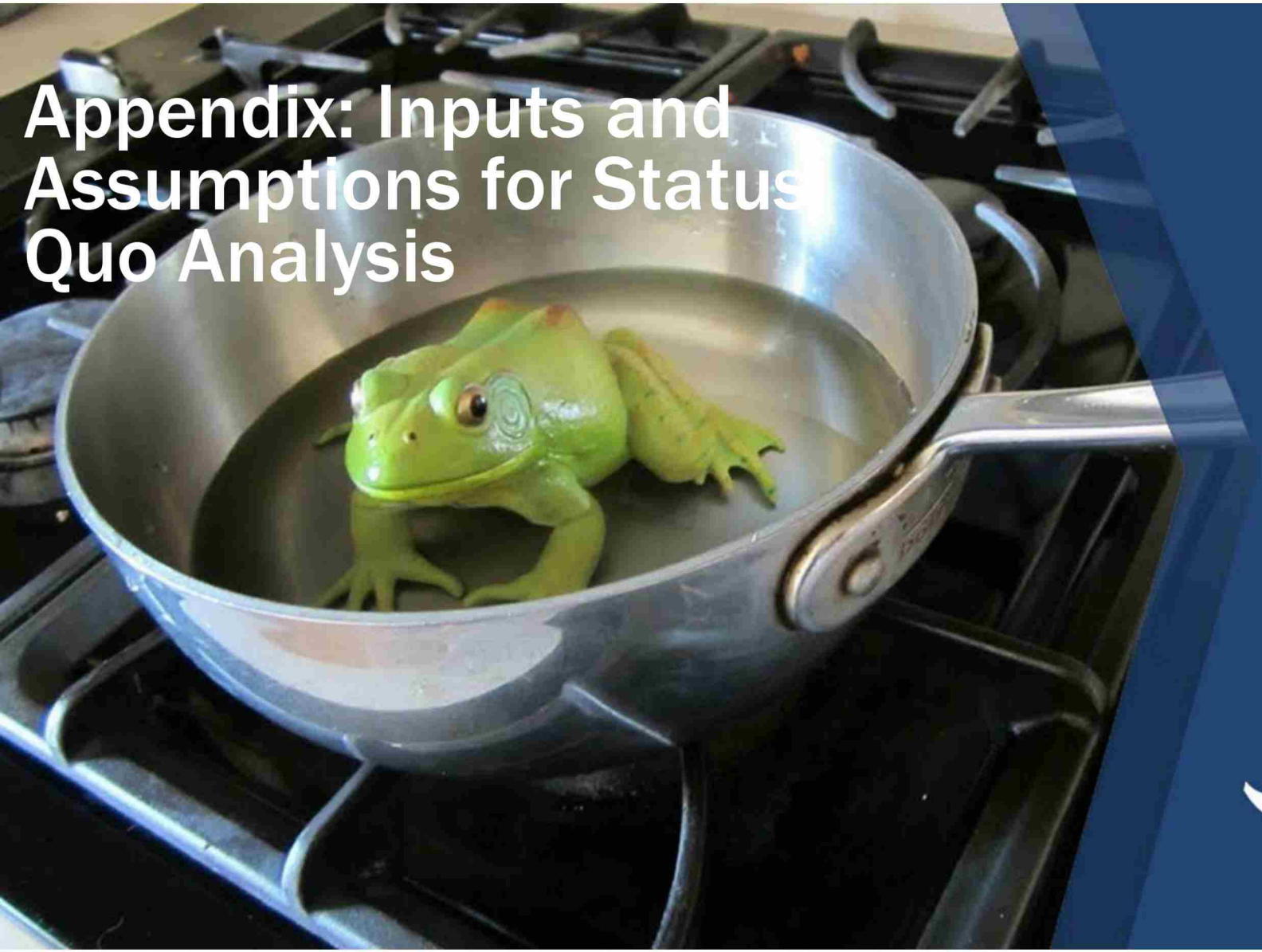
Although Sales is main driver of the agreement, the adder changed over time



- The minimum city contribution agreement in recent years required the following:
  - '04 to '08: The greater of Millage or previous year city contribution amount + additional $2,750,000 each year
  - '09 to '16: The greater of Millage or previous year city contribution amount + $2,500,000 each year
  - '17 to Present: The greater of Millage or a minimum annual increase of 1% using the fiscal year '16 assessed city contribution amount
- In '16 JEA provided an additional $3 million in an interlocal agreement for the Septic Tank Phase Out Program

SOURCE: JEA financial statements 1999-2018

Appendix: Inputs and Assumptions for Status Quo Analysis



Disclaimer

The following **"Status Quo Baseline"** financial projections are presented solely for JEA Board of Directors planning and action in connection with the development of a strategic plan. They are not a projection of future financial performance and, as such, should not be relied upon by present or prospective JEA bond investors to purchase or sell any security or to make an investment decision. The projections are a mathematical representation of a status quo business case and do not reflect numerous likely future events and future JEA actions that will likely cause actual results to differ materially from this business case. The presentation should be viewed in its entirety with individual slides or sections of the presentation having no greater or reduced significance relative to other slides or sections of the presentation

Summary: the status quo is a result of sales and cost drivers and trends, with assumption that JEA takes no action outside business as usual

	Sales drivers and trends	Cost drivers and trends
Energy	▪ **Customer growth:** growing with strong economic forecast ▪ **Energy efficiency:** continued reduction in sales ▪ **Distributed generation:** begins to drive reduction in sales ▪ **Electric vehicles:** minor growth in sales	▪ **O&M:** growing in line with historical trends ▪ **Capex:** steady throughout period, one major investment (Greenland) ▪ **Debt:** early debt retirement (STAR plan)
Water	▪ **Customer growth:** growing with strong economic forecast ▪ **Water efficiency:** continued reduction in sales	▪ **O&M:** growing in line with historical trends ▪ **Capex:** growth, especially through 2025 ▪ **Debt:** early debt retirement (STAR plan)

Energy Sales

		Key metric	2019	CAGR 2019-2030	2030	Source / rationale
1 Customer growth		Population (thousands)	969	1.2%	1,115	Moody's Duval county forecast
		GDP (Duval, Total, (Mil. Ch. 2009 USD))	55,930	3.1%	80,635	Moody's Duval county forecast
		Median household income ($)	60,476	3.7%	93,258	Moody's Duval county forecast
2 Energy efficiency		Residential efficiency (MWh/customer/yr)	12.5	-0.8%	11.3	Appliance-level adoption assumptions
		Commercial efficiency (MWh/customer/yr)	77.5	-1.0%	68.8	Appliance-level adoption assumptions
		Industrial efficiency (MWh/$M GDP)	57.8	-1.1%	50.4	JEA customer forecast
3 Distributed generation (DG) (solar + storage)	Cost	Residential solar cost ($/W)	$2.65	-6.6%	$1.17	2018 solar cost forecast model
		Residential storage cost ($/W/system)	$0.42	-6.4%	$0.19	2018 storage cost forecast model
		C&I solar cost ($/W)	$1.58	-4.5%	$0.91	GTM solar cost projection
		Incentives in place	ITC through 2022, battery rebate through 2030			Current regulation
	Value	Retail electricity price (R) ($/kWh)	0.103	1.6%	.126	Status quo rate projections (as of 2/17)
		Residential storage backup value ($/year)	$200	Constant	$200	Internal estimate based on sales trends
		Addnl consumption enabled by battery (% load)	35%	Constant	35%	Solar output and household consumption curves
		Retail electricity price (C&I) - weighted solar ($/kWh)	$0.07	2%	.09	Baseline (current projection) assumptions
	Adoption	Developer hurdle (% IRR)	9%	Constant	9%	Appetite for commercial offtaker risk & new market
		Pre-parity adoption rate - resi, C&I (% sales per year)	0.10%	Constant	0.10%	In line with historic pre-parity adoption trends
		Post-dvlper parity adoption rate - C&I (% sales per year)	1.25%	Constant	1.25%	High end of historic post-parity adoption trends
		Post-customer parity adoption rate – Resi (% sales per year)	1.00%	Constant	1.00%	High end of historic post-parity adoption trends
		Post-dvlper parity adoption rate – Resi (% sales per year)	1.50%	Constant	1.50%	High end of historic post-parity adoption trends
4 DG (non-solar)		Annual adoption (kW / year)	475	Constant	475	Consistent with national trends over past decade
		Economically viable for broad customer base		No		Consistent with national trends
5 Electric vehicles (EV)		EV penetration (%)	0.30%	23.2%	3.6%	2018 EV growth forecast model, current Jacksonville fleet
		EVs in fleet (#)	1,968	23.2%	30,751	2018 EV growth forecast model
		Consumption per BEV (weighted, MWh)	3,850	-2.8%	2,750	Current efficiencies and estimate of improvements

1 Assumes battery part of most installations by mid-2020s

Energy Costs

	Key metric	Assumptions	Source / rationale
6 O&M	O&M escalator (%)	7% CAGR 2018-20 4% CAGR 2021-30	2019-20 based on current budget / forecasted spend 2021 onwards based on historical growth by category, adjusted for known anomalies
Base rate	Base rate (inclusive of fuel) in 2019 ($/kWh)	$.103 in 2019	Baseline (current projection) assumptions
7 Capital costs	Average capital expense ($M)	Average annual spend 2019-2025: $193M Average annual spend 2026-2030: $184M	Based on Capital Budget Planning project list; future average excludes generation
	New capacity ($M)	New capacity (Greenland combined cycle) ($532M spend 2021-2025)	Costs based on IRP base case assumptions
Debt	New debt ($M)	Assumes STAR plan of early debt retirements of $148M (in 2019). Greenland is debt financed in all scenarios	Based on stated STAR plan

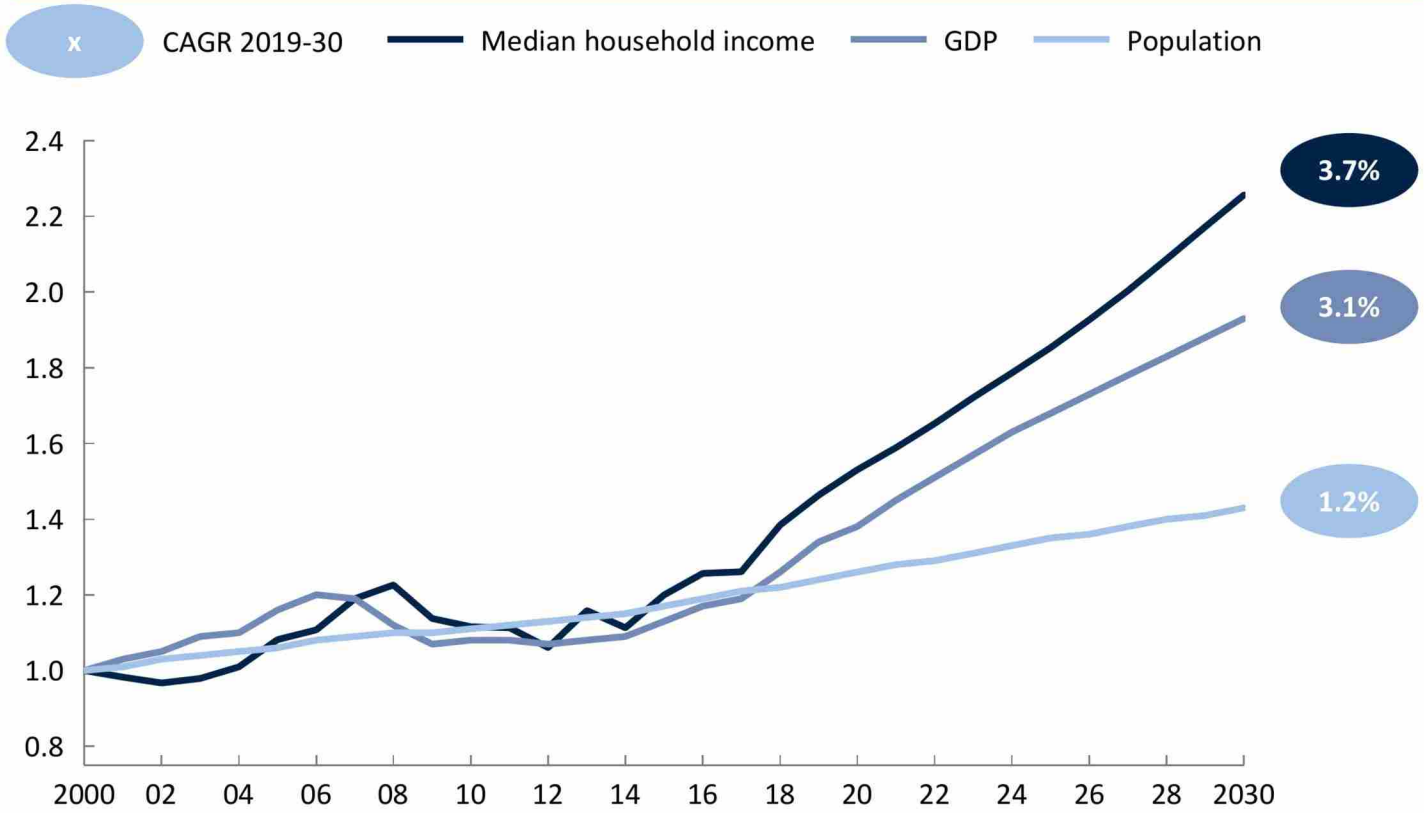
Water Sales & Costs

	Key metric	2019	CAGR 2019-2030	2030	Source / rationale
8 Customer growth	Water sales from customer growth (mn kgal / year)	35.8	1.3%	42.2	SPLASH model growth forecast based on BBER projections
	Reclaimed sales from customer growth (mn kgal / year)	3.5	5.7%	6.9	Higher rates in reclaimed service territory
	Sewer sales from customer growth (mn kgal / year)	26.9	1.3%	31.7	Same rate as water growth
9 Efficiency	Residential consumption[2] (kGal/ customer / yr)	74	-0.8%	67	Efficiency based on forecasted adoption of appliances
	Commercial & industrial consumption (kGal/yr)	650	-0.9%	582	Efficiency based on forecasted adoption of appliances
	Outdoor usage	No reduction			Assuming no behavioral change; no natural adoption of efficient technology
10 O&M	O&M escalator (%)	4% CAGR 2018-20 5% CAGR 2021-30			2019-20 based on current budget / forecasted spend 2021 onwards based on historical growth by category, adjusted for known anomalies
Base rate	Base rate in 2019 ($/kGal)	Water: $4.65 / Sewer: $9.16 / Reclaim: $4.47			Calculation based on yield per product
11 Capital costs	2019-2024 expenditures	Average $242M annual spend			Based on Capital Budget Planning project list (additional reclaimed water projects added)
	2025-2030 expenditures	Average $207M annual spend; based on extension of 2019-24 capacity and R&R spend, with additional supply projects included totalling $187M			Based on Capital Budget Planning project list (additional reclaimed water projects added)
Debt	New debt ($M)	Assumes STAR plan of early debt retirements of $140M (in 2019)			Based on stated STAR plan, revised capex plan

1 Customer growth assumption applied as aggregate growth across classes

1 Customer growth likely to continue in the foreseeable future

Duval County Specific economic indicators (Indexed to 2000)

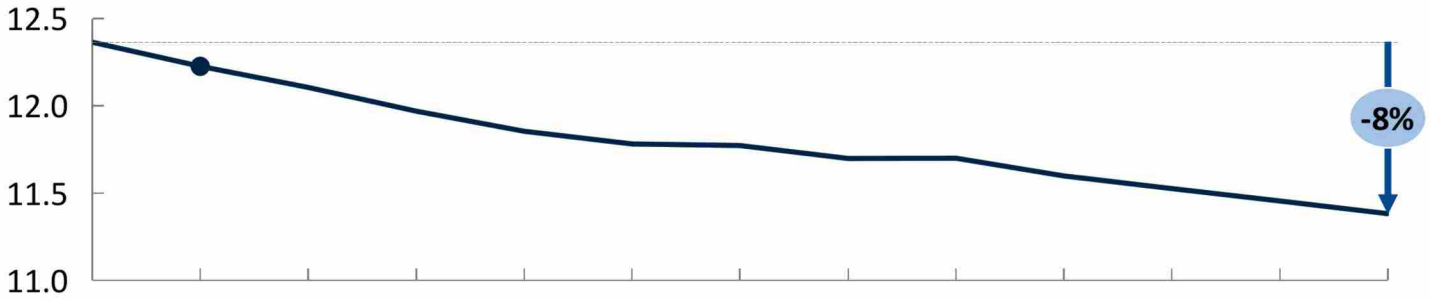


- Customer growth projections considers the U.S. Census Bureau (BOC): Population Estimates, Projections; Moody's Analytics Estimates and Forecasts for Duval County
- Residential customer growth is calculated based on projections for population (primary factor) and median household income (secondary factor)
- Commercial and industrial customer growth is calculated based on GDP projections
- For Duval County through 2030, Moody's Analytics projects GDP and median household income growth to outpace previous decade and outpace US average
- Primary driver of Moody's economics projections is increase in finance and insurance jobs (in US overall and in Jacksonville particularly), with wages ~50% higher than current local average

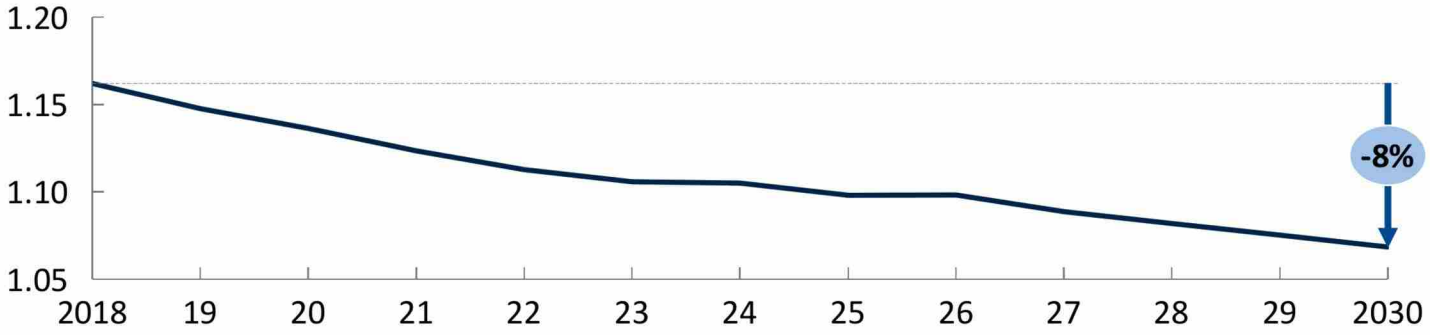
SOURCE: Moody's; US Census Bureau

1 Because of JEA's current energy rate structure, lower sales lead directly to lower revenues

Sales, MWh



Revenue, $B

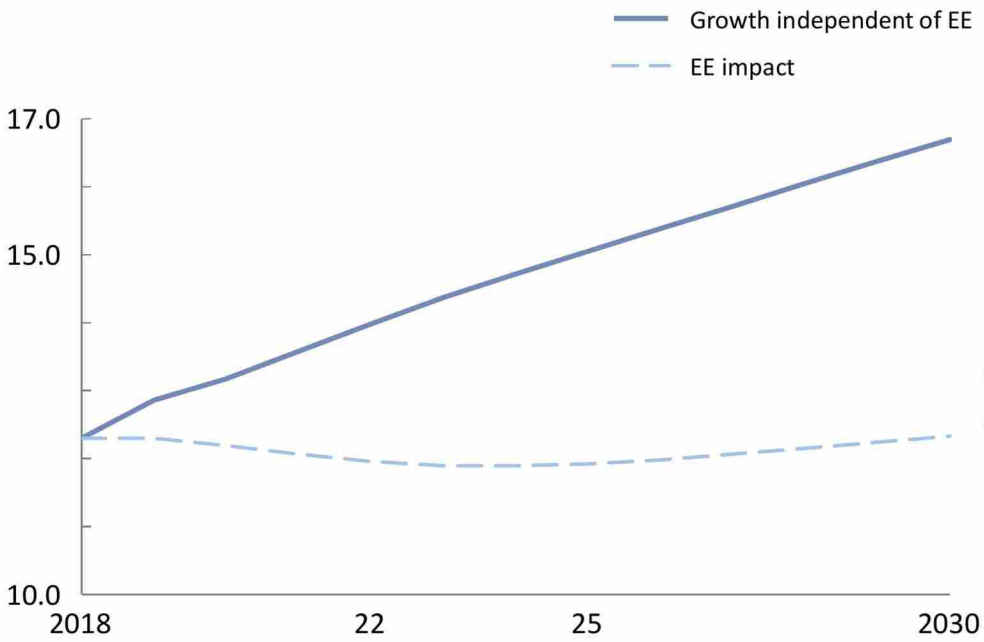


- 87% of energy revenues come from variable (per kWh) charges, meaning a decline in sales leads directly to a decline in revenue
- Of this 87%, only 35% of variable revenue is tied to variable costs (fuel charges) which decline in proportion to lost revenue

SOURCE: JEA financial planning and forecasting model

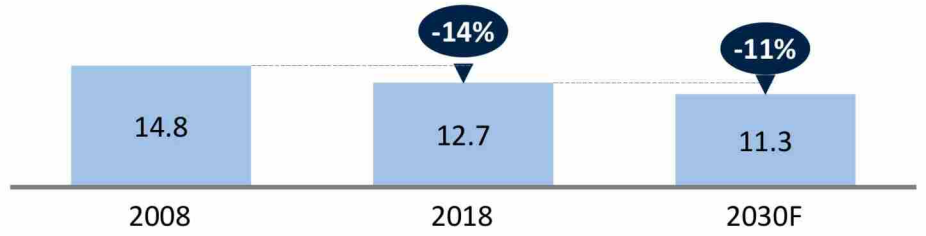
2 Energy efficiency momentum is currently the largest driver of energy sales reductions, consistent with US utility trends

Annual energy sales,[1] thousand MWh



- Only considers commercial and residential EE adoption
- Gains driven by continued organic adoption of efficient products (e.g., cooling systems) as inventory turns in homes and additional uptake of "step-change" products such as LED lights and heat pump water heaters

Residential consumption per capita, MWh / customer



Commercial consumption per capita, kWh / sq foot



Industrial consumption per capita, MWh / $M GDP[2]



1 Sales estimate prior to incorporation of impact of DG and EV 2 Flat industrial sales through period implies efficiency on a per-unit of GDP basis

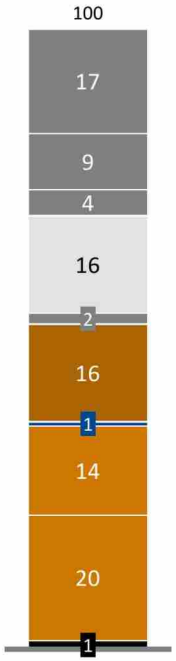
SOURCE: JEA customer sales forecast 2019, regional power demand forecasting model

2 Natural EE improvements with new products may drive up EE; consumer choices regarding new water and space heating technologies may have outsize impact on efficiency

★ JEA 2013 survey results

Commercial energy consumption,[1] %

Other · Water heating · Refrigeration · Ventilation · Cooking · Cooling · Lighting · Space heating



Residential energy consumption,[1] %

Other · Air Conditioning · Lighting · Water heating · Refrigeration · Space Heating

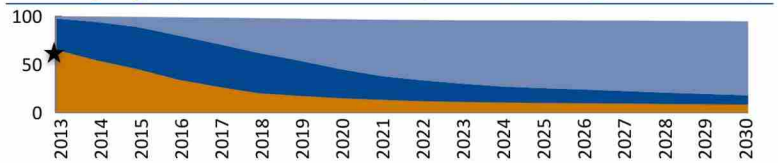


Main drivers

- Lighting
- Cooling
- Water heating
- Space heating
- Other *(examples, not exhaustive)*

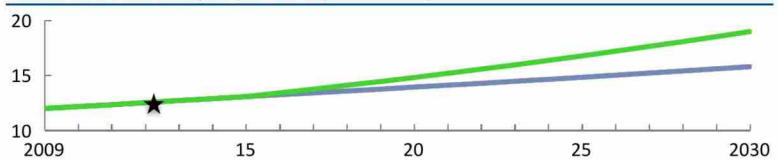
Trends (residential forecasts)

Installed lighting mix, DOE forecast % — LED · CFL · Incandescent & halogen



- LED installed stock penetration increases to 100% for commercial and residential customers by 2030 (slightly above DOE estimate of 80%), enabling step-change in efficiency for bulbs replaced
- Lighting efficiency drives ~20% of residential and ~30% of commercial EE savings

Residential HVAC heat pump efficiency, SEER rating



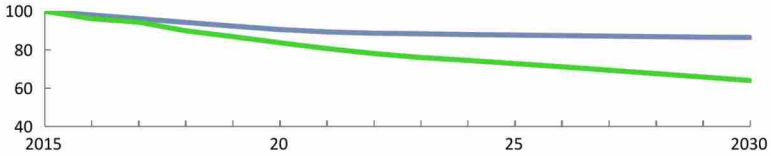
- New units are 0.4% - 0.9% more efficient for the same level for each year between manufacture, resulting in natural EE as inventory turns; with assumption of 15 SEER rating by 2030
- JEA customers were slightly below regional average efficiency in 2030, indicating additional room to grow beyond what is forecasted
- Cooling drives ~30% of residential and ~20% of commercial EE savings

Heat pump water heater penetration[2], % installed



- Improvements in efficiency of resistance units have nearly plateaued; decision to switch to heat pump water heaters would have outsize impact. 20% install heat pump water heaters by 2030
- Impact is higher for residential customers (~10%) than C&I due to low electricity utilization for C&I water heating

Residential heating energy intensity (Btu:Btu)[2], % indexed to 2015



- Adoption of heat pumps reduces winter heating in adopted homes by 50%-60%; expecting 5-10% adoption
- Impact of space heating higher for residential customers than C&I, as C&I typically utilize gas heating

- **Appliance efficiency:** JEA average customer energy star rating may indicate room for continued residential update
- **New house characteristics:** continued increase in gas connections in new homes could lower energy use ~20-30% per customer; however increased size of new homes could increase energy use

Reduction assumptions

Base case · Low case - used for resi and commerical customers in forecast

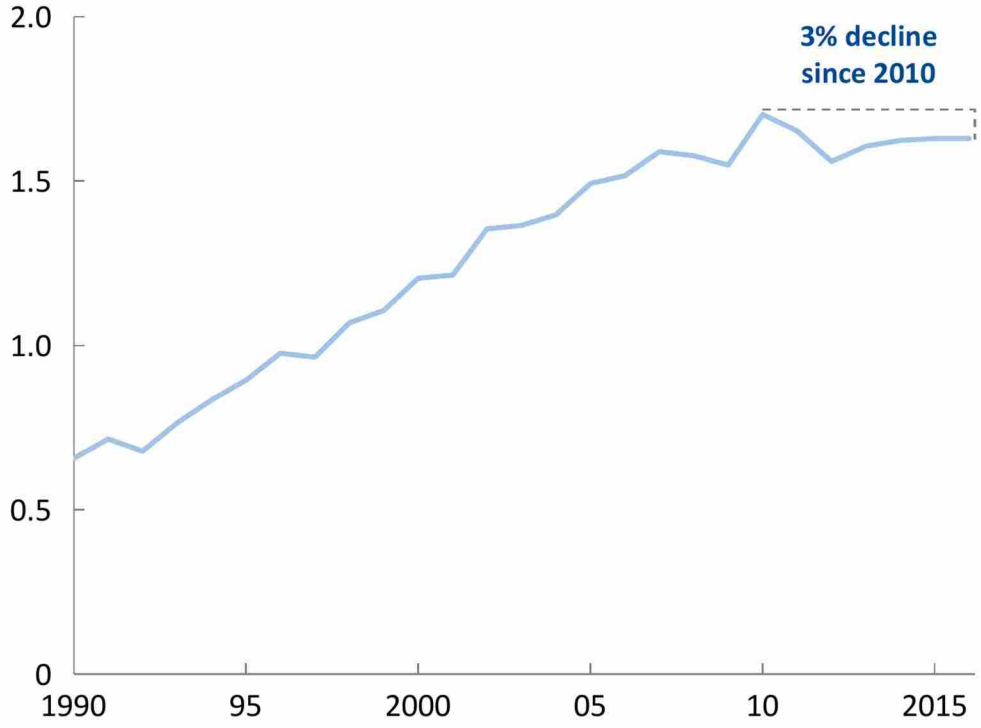
1 ECS breakdown, South Atlantic, % 2 2013 JEA customer survey did not cover heat pump water heater penetration or residential heater age

6/7/2019

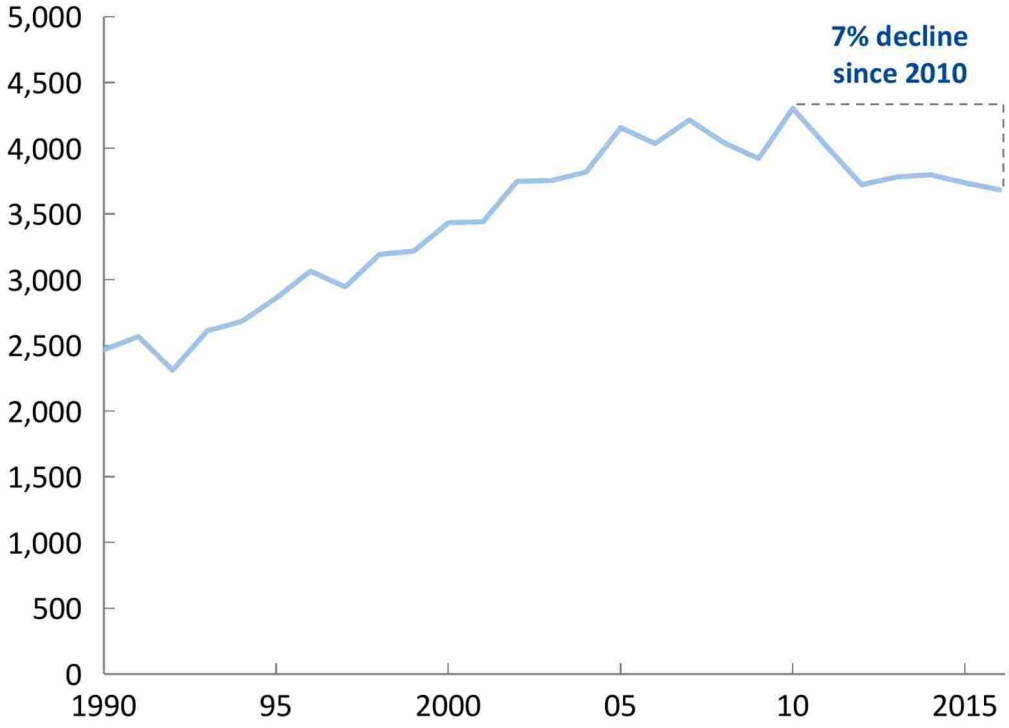
SOURCE: EIA RECS 2015 and CBECS 2012, Pathways database

2 National residential trends highlight declining use per capita after peaking in 2010

U.S. annual residential electricity sales, Trillion kilowatt-hours



Residential electricity sales per capita, kilowatt-hours per persons



- Per-capita sales have declined since 2010, a trend which is forecast to continue
- These widespread efficiency gains are expected to drive further declines, even as electrification (e.g., of vehicles) increased demand

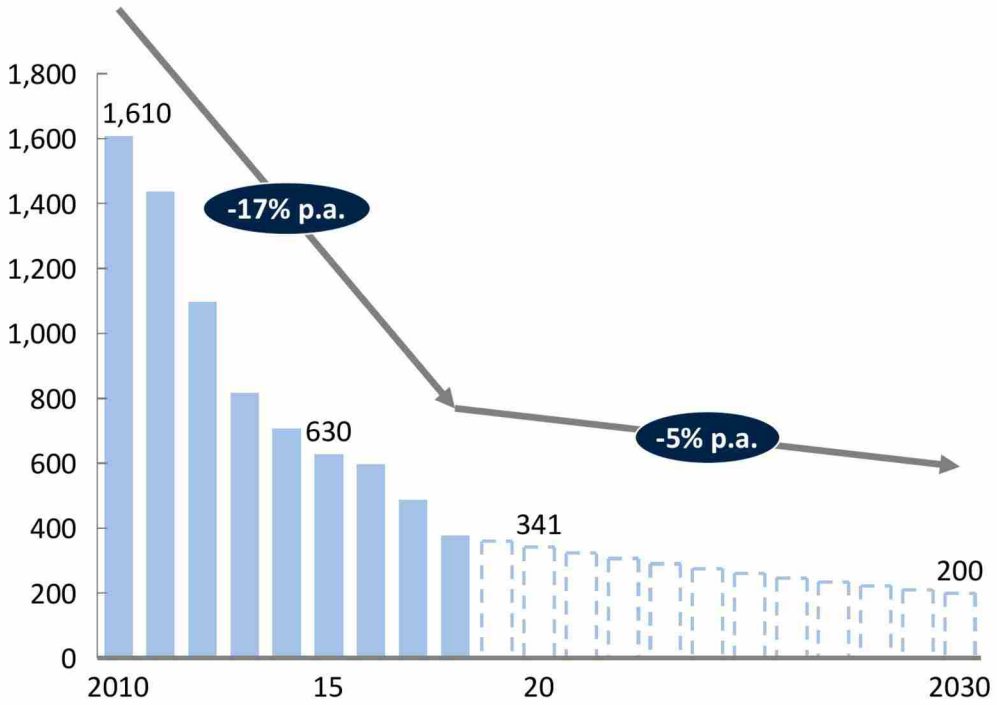
SOURCE: EIA

3

Distributed Generation (2010's tech trend)

- Solar growth increasing in JEA territory 67% CAGR since FY 14
- >$2.5MM of Net Income lost to distributed generation annually

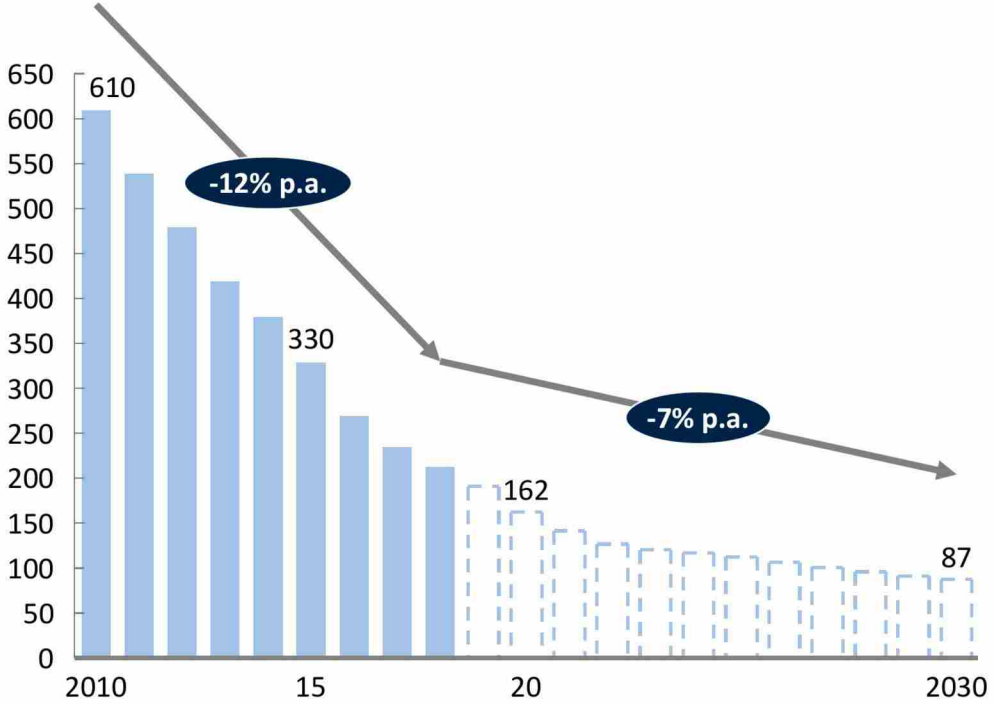
Solar module pricing, $/kW



Distributed Storage & iDER (2020's tech trend)

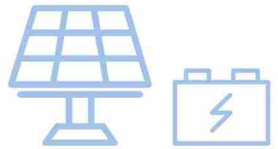
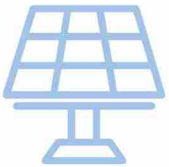
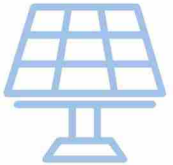
- Similar cost / performance trends to DG
- DG + Storage will be at cost parity with utility by ~2025

Li-ion battery pack costs, $/kWh



SOURCE: PV pricing trends: historical, recent, and near-term projections, DOE; NREL PV system pricing trends; 2018 storage cost forecast model

3 Customer needs will likely drive choice of DG system

	% of total sales	Customer characteristics	Considerations for DG	DG system modelled
Residential	44	▪ Typical energy use: 1,000 kWh/month ▪ 69% single family homes ▪ 31% of homes built after 2000 (vs. 19% in US)	▪ Will consider solar DG once economic ▪ Typically generate more energy than consumed; storage needed to derive full value from solar ▪ Value attributed to backup power provided by storage	 Solar plus storage
Commercial	33	▪ Average peak demand < 1000 kW ▪ Peak demand typically occurs midday ▪ Largest customers include retail chain operators and campuses	▪ Will consider solar DG once economic, with short payback period ▪ Will consider third-party installation in exchange for reduced electricity costs ▪ Energy needs typically too large for solar to fully offset; storage consideration typically separate	 Solar alone
Industrial	22	▪ Average peak demand > 1000 kW ▪ Peak demand varies ▪ Largest customers include factories and hospitals	▪ Will consider solar DG once economic, with short payback period; lower electric rates make solar economics poorer[1] ▪ CHP may be economical for some customers with opportunity to increase operational efficiency (e.g., coincident heat and power loads) ▪ Customers are unlikely to build out full DG for resilience	 Solar alone  CHP

1 Industrial customers adoption solar receive standby rate

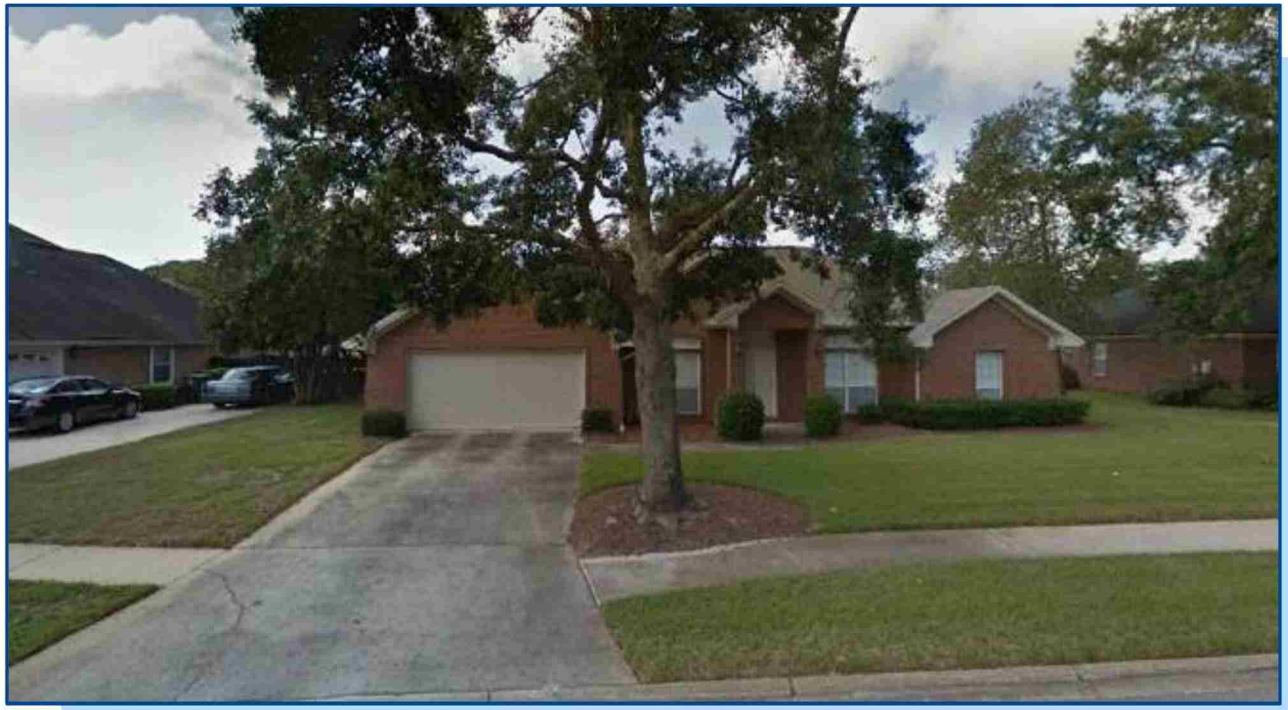
SOURCE: Solar cost model, SEIA

3 February 6, 2019

Southside Jacksonville

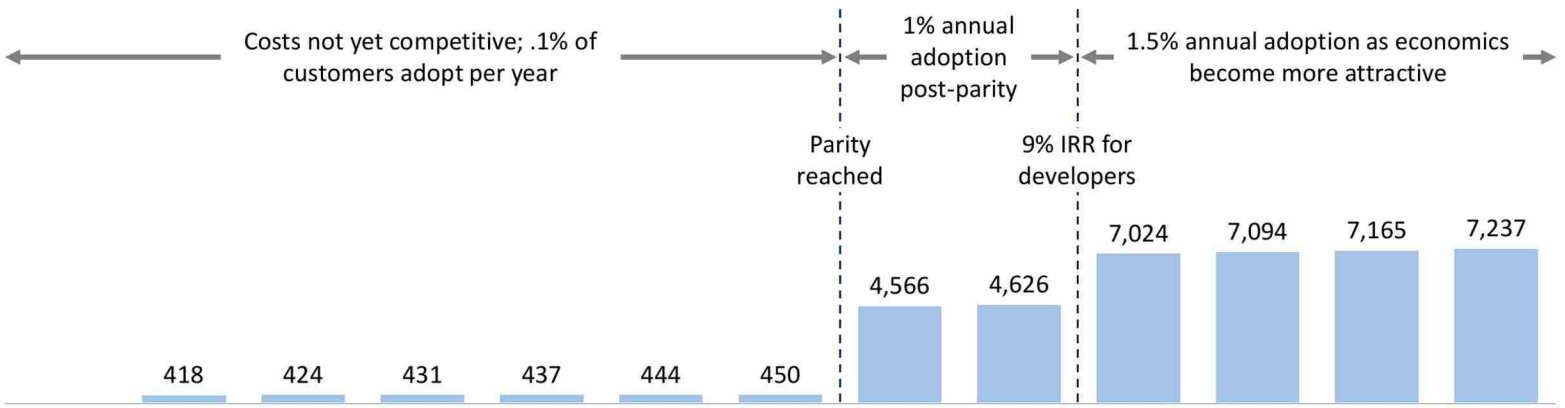
- Built 1993
- 1,900 sq ft
- 3 bedrooms
- 2 bathrooms

- Estimated value: $250,000

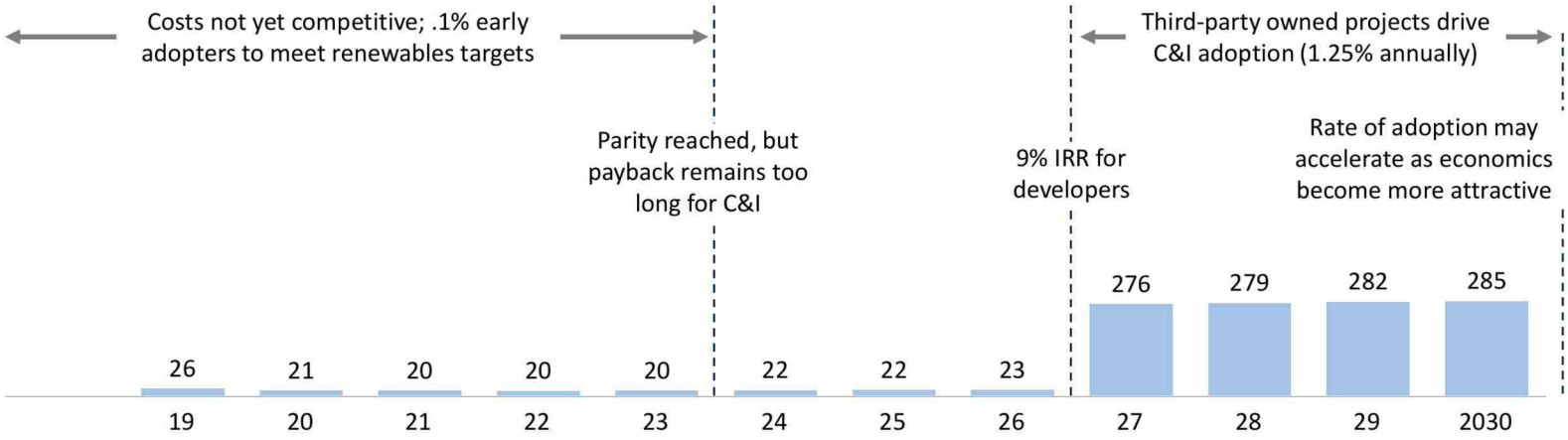


3 Solar adoption rates accelerate as economics improve for stakeholders

New residential solar + storage customers, # of customers



New commercial & industrial solar customers, # of customers

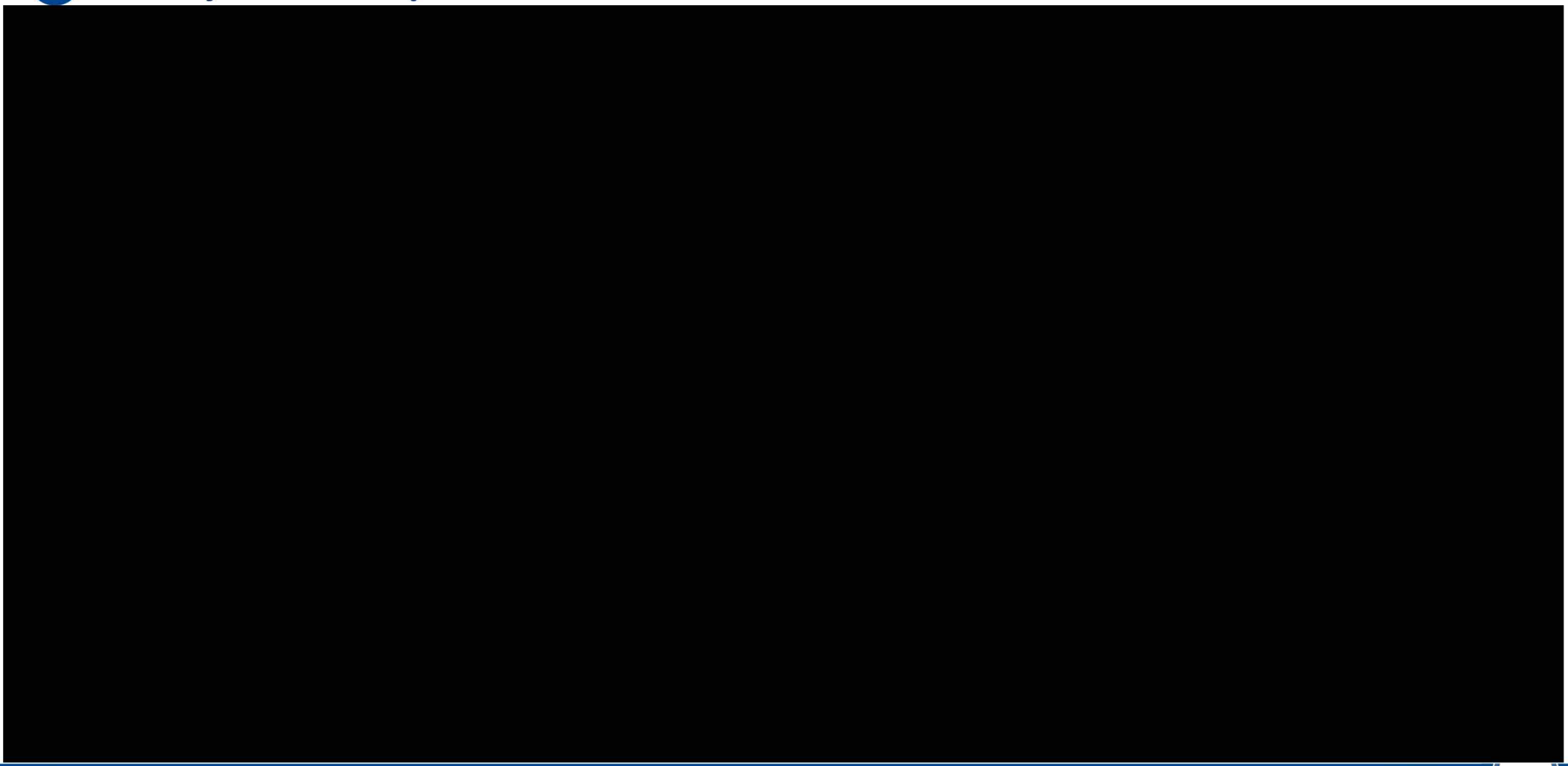


- Uptake is expected to increase as economics become viable for various stakeholders (e.g., system owners, developers)
- Rates of adoption are also expected to increase as parties become familiar with markets and are able to achieve better economics (e.g., lower risk, lower cost, potential for higher electricity prices)
- These trends will continue beyond the forecast period as some features become standard parts of upgrades and new homes (e.g., solar rooftops, mandated solar for new homes in California)

1 x

SOURCE: Sigrin and Drury, Diffusion into New Markets: Economic Returns Required by Households to Adopt Rooftop Photovoltaics, NREL

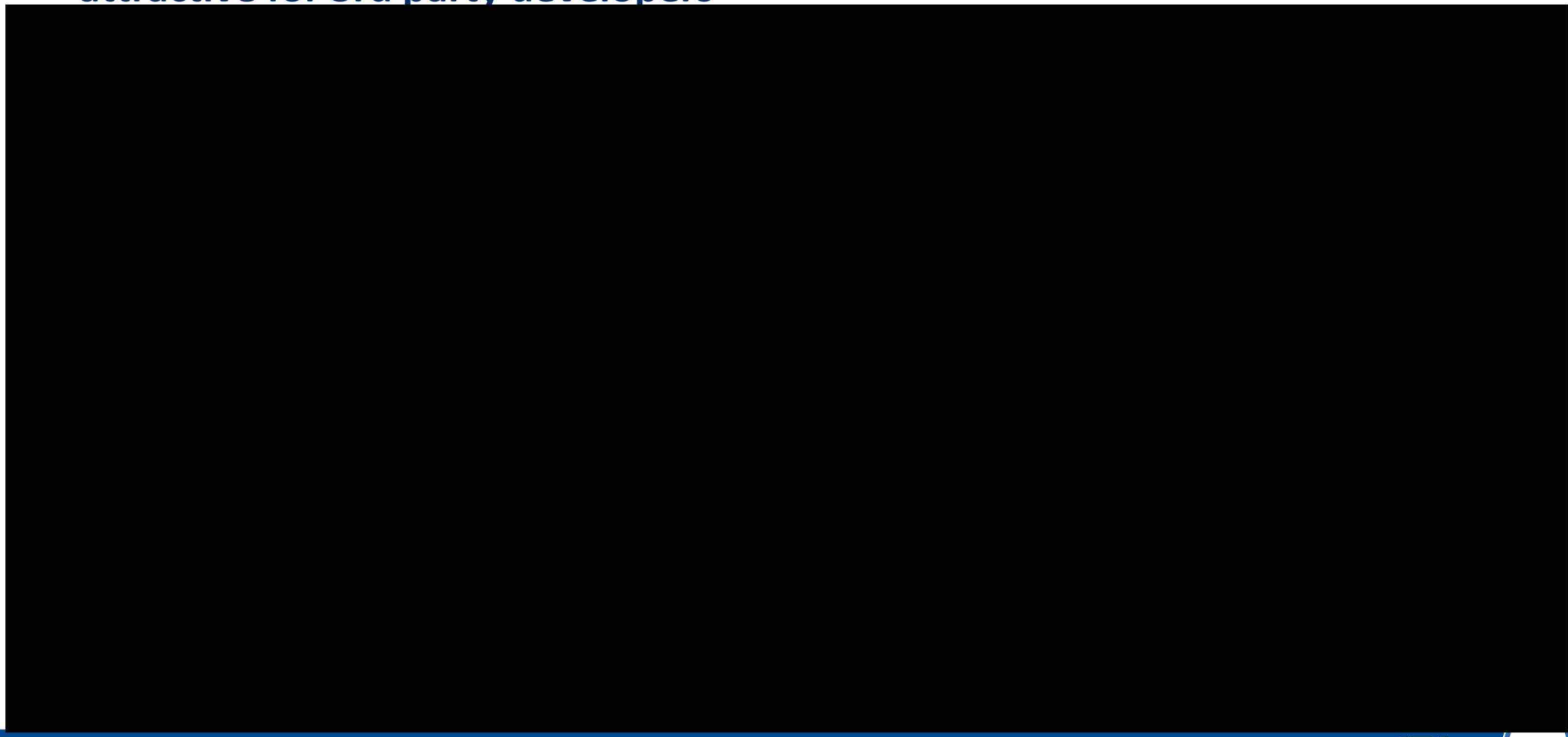
3 Battery and solar price trends and forecasts



SOURCE: PV pricing trends: historical, recent, and near-term projections, DOE; BNEF; SNE research; Navigant; Avicenne Energy; Berstein; Battery Model (2018), NREL PV system pricing trends

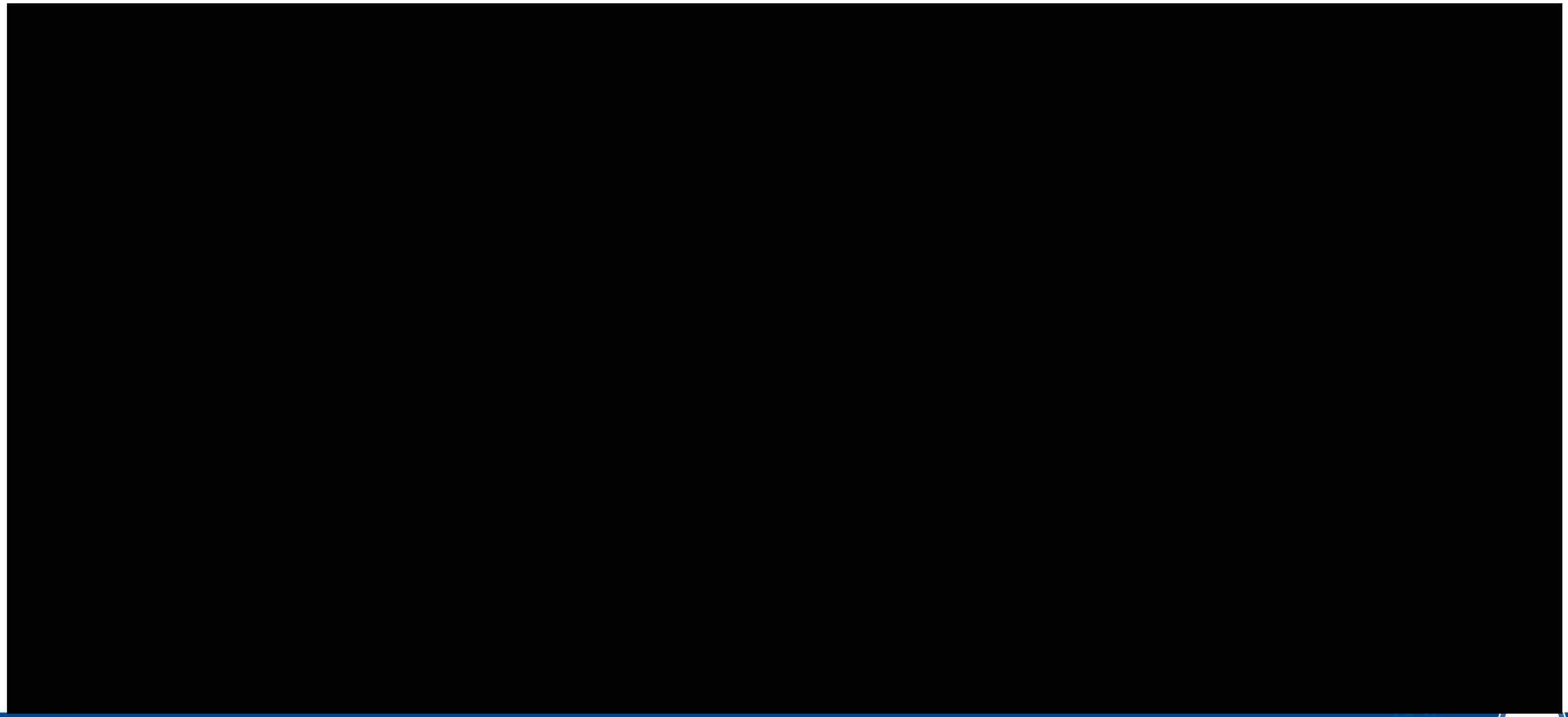
3 Residential DG is attractive for homeowners whereas commercial is attractive for 3rd party developers

Levelized cost of solar + storage — — Value (current forecast)



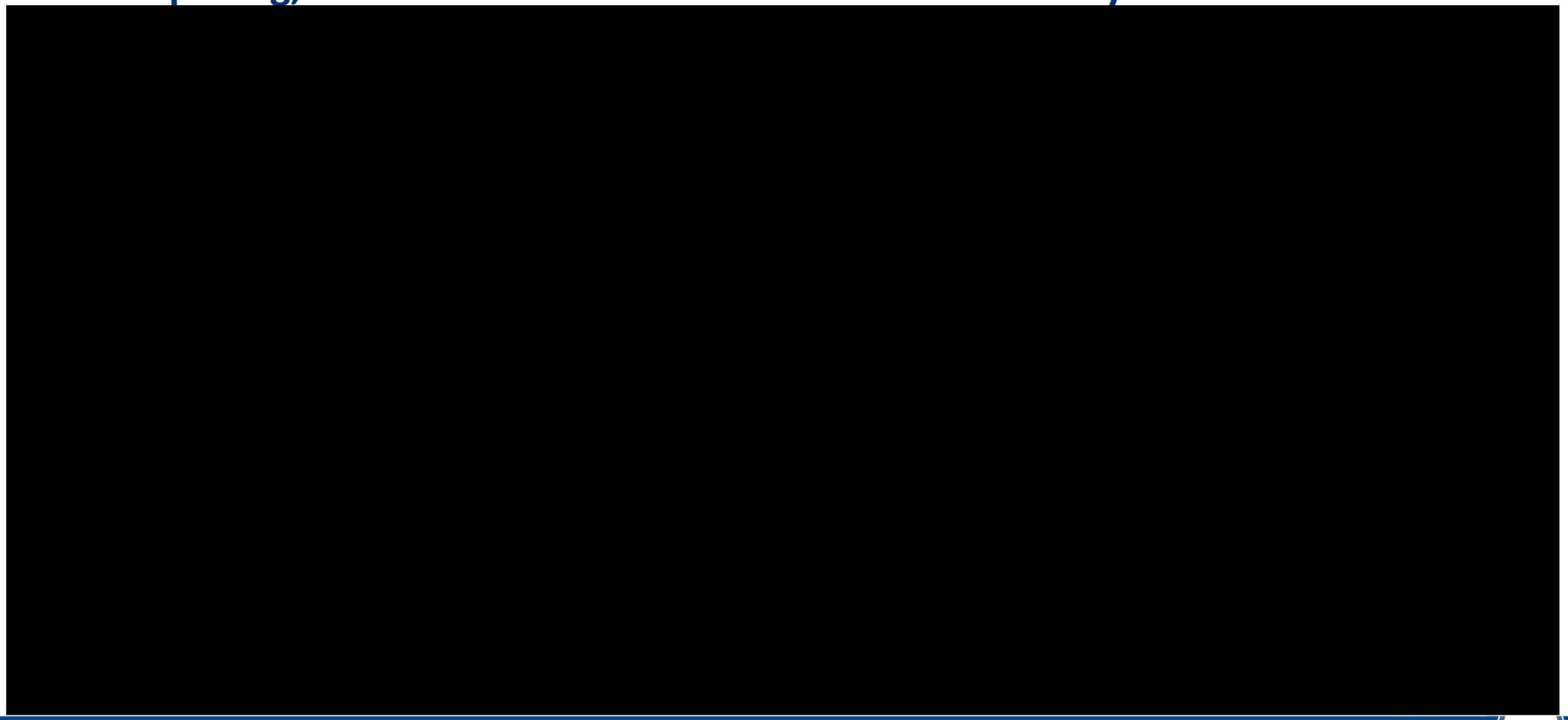
SOURCE: PV pricing trends: historical, recent, and near-term projections, DOE; BNEF; SNE research; Navigant; Avicenne Energy; Berstein; Battery Model (2017)

3 Countrywide trends provide indication of potential uptake after Jacksonville residential/C&I solar pricing reaches parity



SOURCE: GTM, EIA

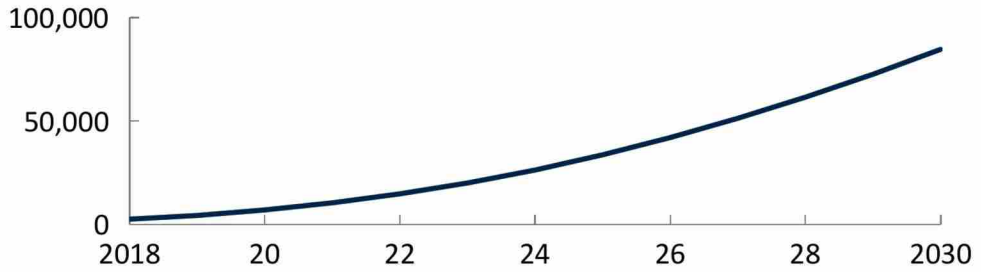
4 CHP economics for a generalized JEA industrial customer are not compelling, consistent with recent US installation history



SOURCE: ICF, ACEEE, JEA, GTM

5 30k EVs expected in in JEAs territory by 2030 based on EV modeling and penetration today

EV fleet energy consumption, MWh

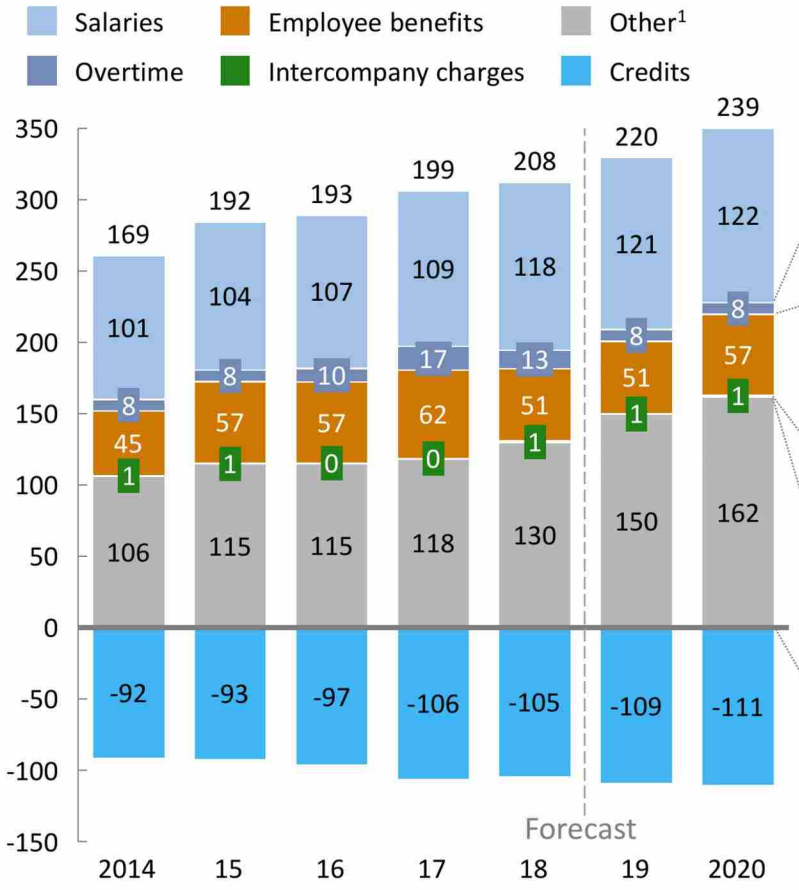


85k MWh in energy sales in 2030 because 31k EVs are added to Jacksonville fleet, constituting 3.6% of light duty vehicles

SOURCE: Federal Reserve income per capita data; Automotive practice TCO-based forecasting models, Florida Highway Safety and Motor Vehicles , Internal forecasts

6 Energy opex breakdown and assumptions

Yearly energy opex breakdown, $M



CAGR 2014-20 and drivers

2.8%	8% increase in 2018 (CBA)
0.2%	Storm recovery Increase 2017-18
3.3%	Reduction in pension liability 2018 Increased health care costs throughout
12%	Fluctuates throughout period
6.2%	10-15% growth 17-18 and 18-19 due to outages, professional services incl legal, contractors
2.7%	Increase in 2017 due to storm recovery capital work

CAGR 2021-2030 and assumptions

5%	Recent average historical growth (18-20)
5%	Tracks with salary growth
6%	Tracks with salary growth with 1% adder to account for healthcare costs
10%	Historical growth (using 2012-20)
4%	2012-18 historical growth (outsized outage impact 2019-20)
6%	Tracks with salary and benefits growth

1 Interest, contracts & contingencies, city services, other services & charges, materials & supplies

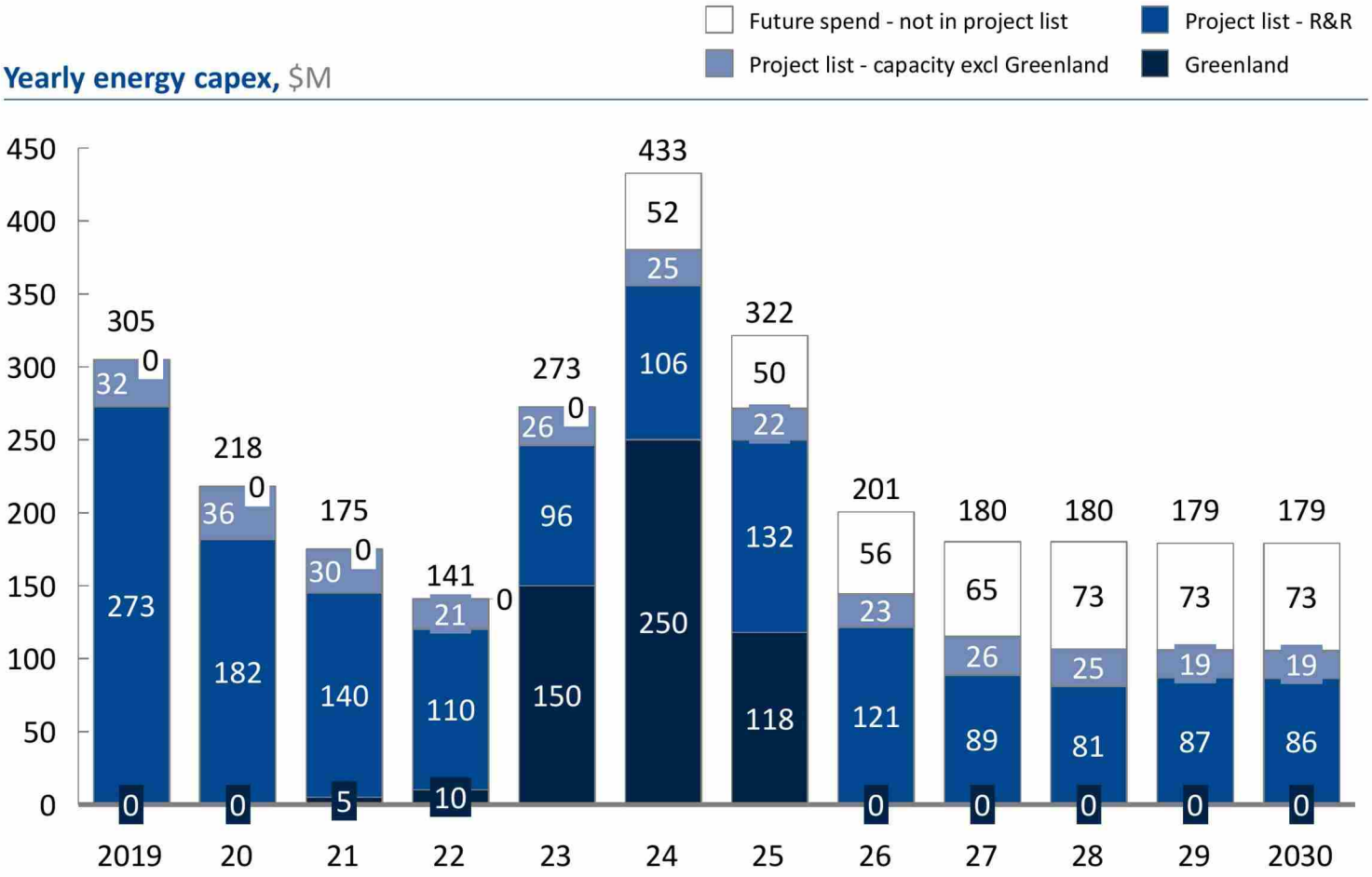
2 Expected to fall in line with historic trends (e.g., barring one-time events)

6/7/2019

SOURCE: JEA historical budget data; FY19-20 forecast

7 Energy capex breakdown and assumptions

Yearly energy capex, $M



Key assumptions:

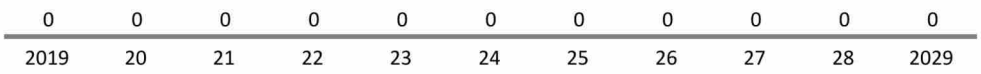
- Greenland CC replacement capacity project cost and schedule in line with IRP base case ($518M to be completed FY25)
- FY19-23 capacity and R&R spend based on current capital budget planning project list
- FY24-30 capacity and R&R spend based on current project list, with unspecified future spend added to bring each category in line with FY19-23 average
- Projects currently not on project list that could make up future spend include:
  - Resiliency / grid hardening investments
  - Grid modernization (e.g. AMS, remote monitoring and automation)
  - Communications infrastructure

SOURCE: JEA capital project budget as of February 2019

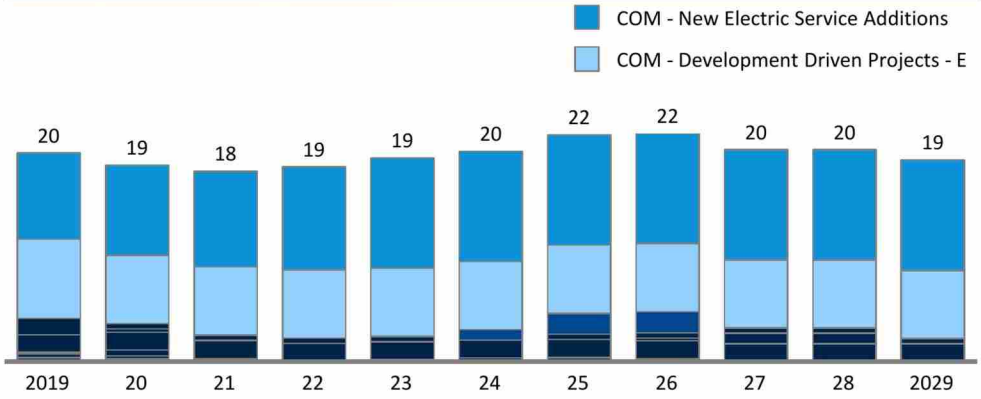
7 Breakdown of known capex spend: capacity

Large one-time project | Ongoing programs / spend | Smaller projects

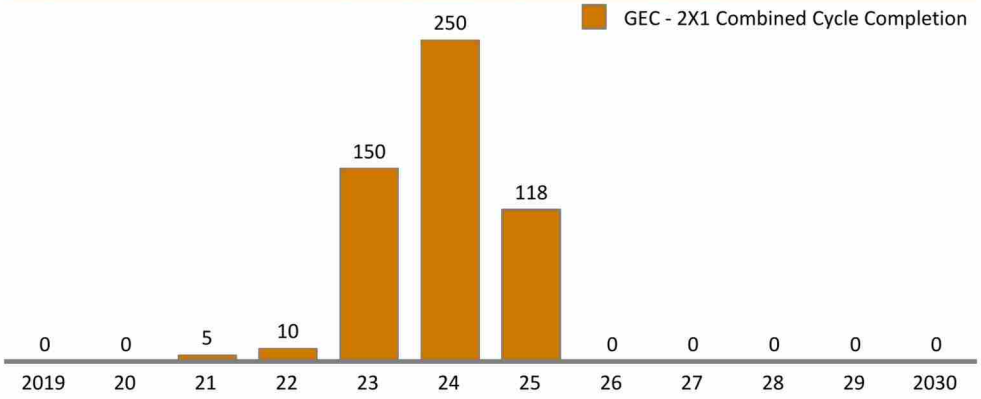
Electric Other – Capacity, top expenditures ($M)



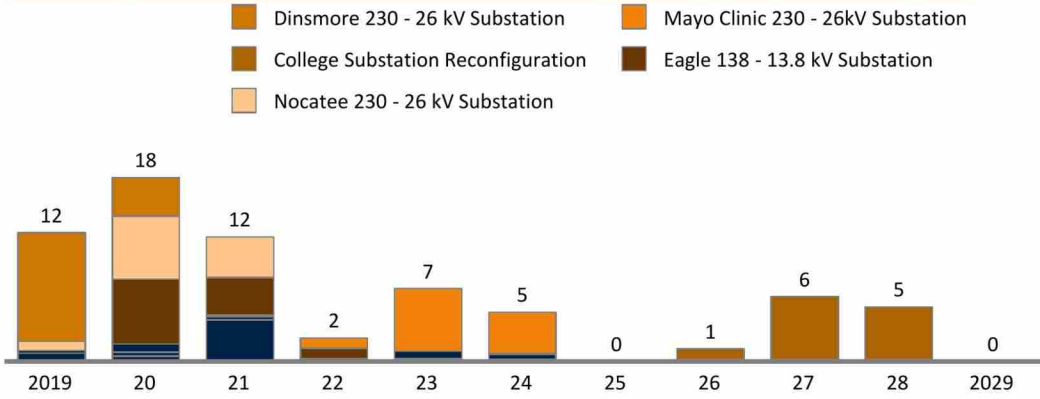
Electric Distribution – Capacity, top expenditures ($M)



Expanded Generation - Capacity, top expenditures ($M)



Electric System Substation 7 Transmission – Capacity, top expenditures ($M)

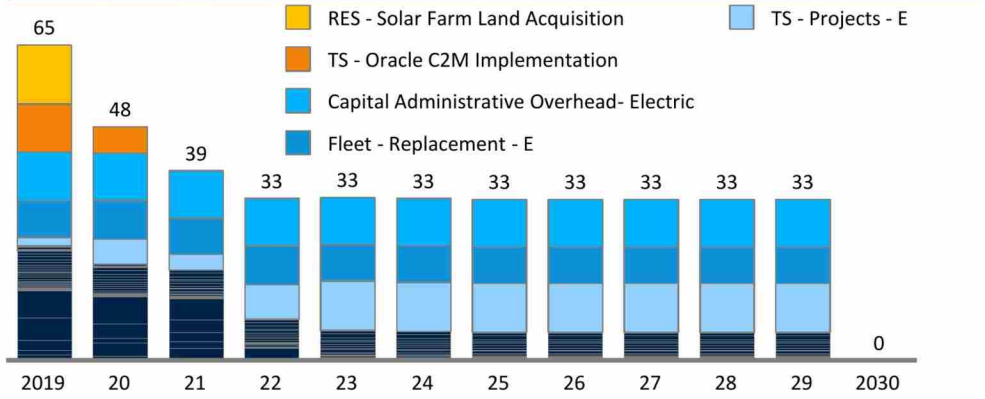


SOURCE: JEA capital project budget as of February 2019

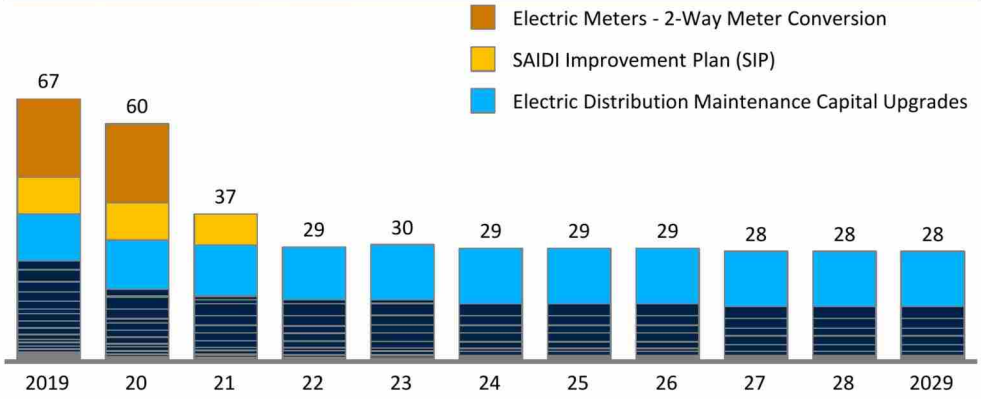
7 Breakdown of known capex spend: R&R

Large one-time project | Ongoing programs / spend | Smaller projects

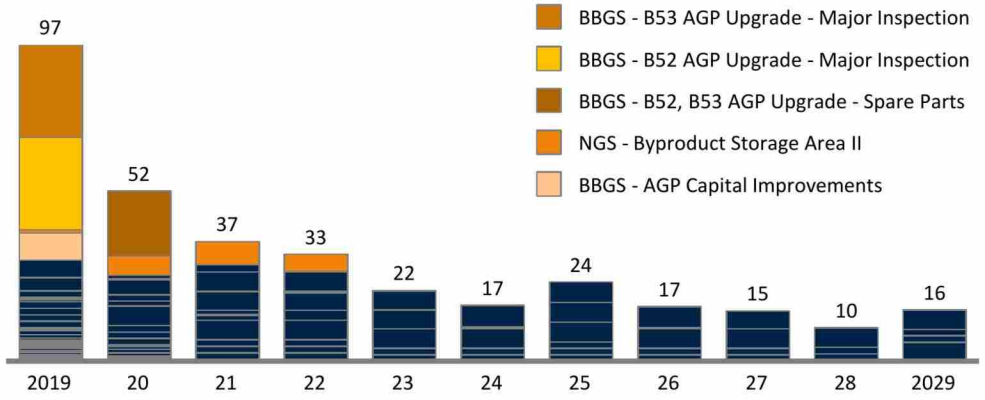
Electric Other – R&R, top expenditures ($M)[1]



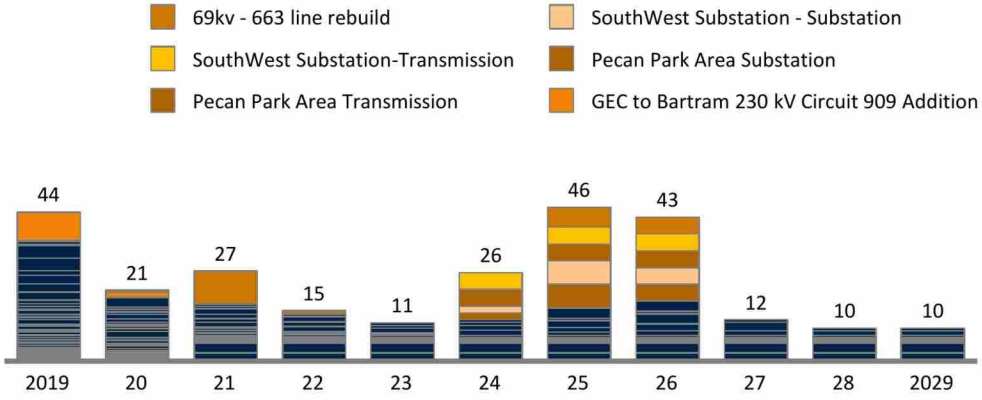
Electric Distribution – R&R, top expenditures ($M)



Electric System Generation – R&R, top expenditures ($M)



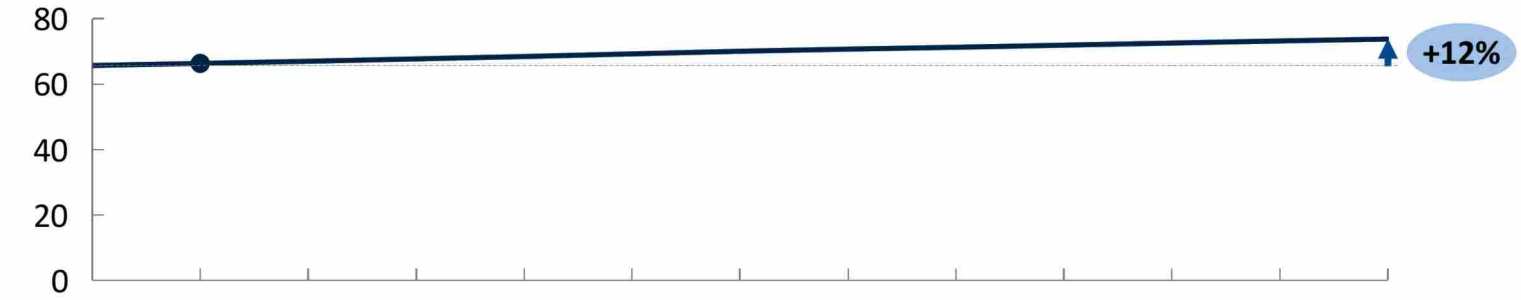
Electric Substation and Transmission – R&R, top expenditures ($M)



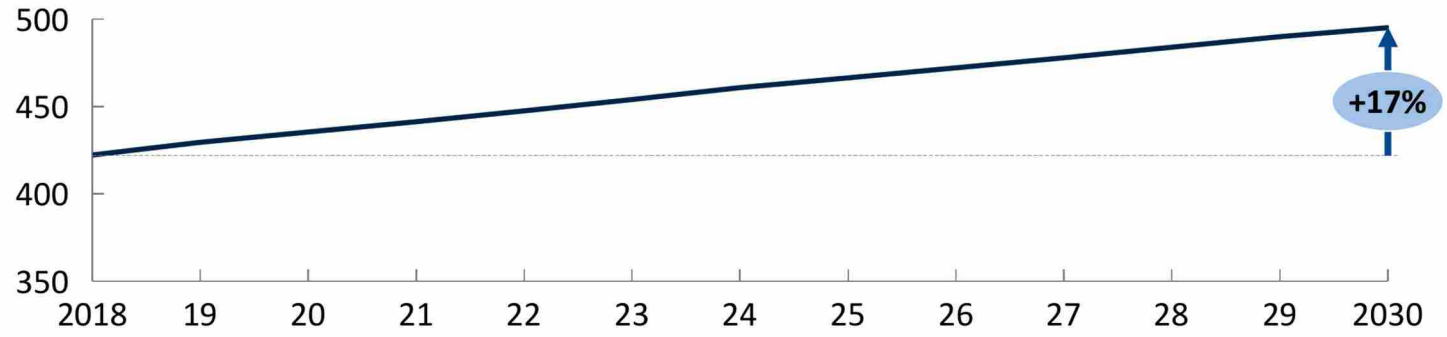
1 General Administration Office Building removed from energy forecast ($2, 33, and 15M in 2019 – 2021 respectively)
SOURCE: JEA capital project budget as of February 2019

8 Water rate structures allow revenue to grow even faster than sales

Sales, MWh



Revenue, $, thousands

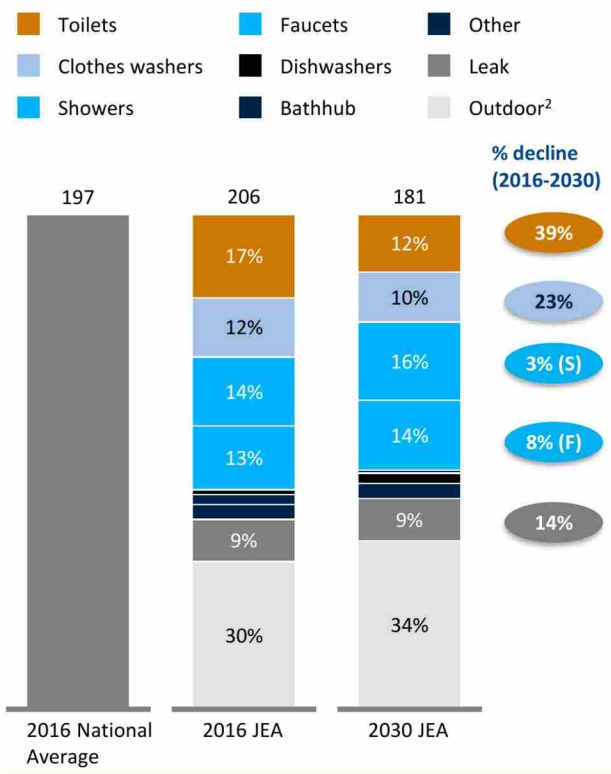


- 43% of water / wastewater revenue comes from a fixed monthly charge, which increases with each customer JEA adds to the system
- Sales growth is affected by water efficiency and declining use per customer, but this only affects the variable portion of JEA's water / wastewater revenue
- This rate structure keeps revenues stable and lessens the impact of declining customer use

SOURCE: JEA forecast

9 In the absence of action taken by JEA, water efficiency gains will continue to take place through replacement of indoor appliances

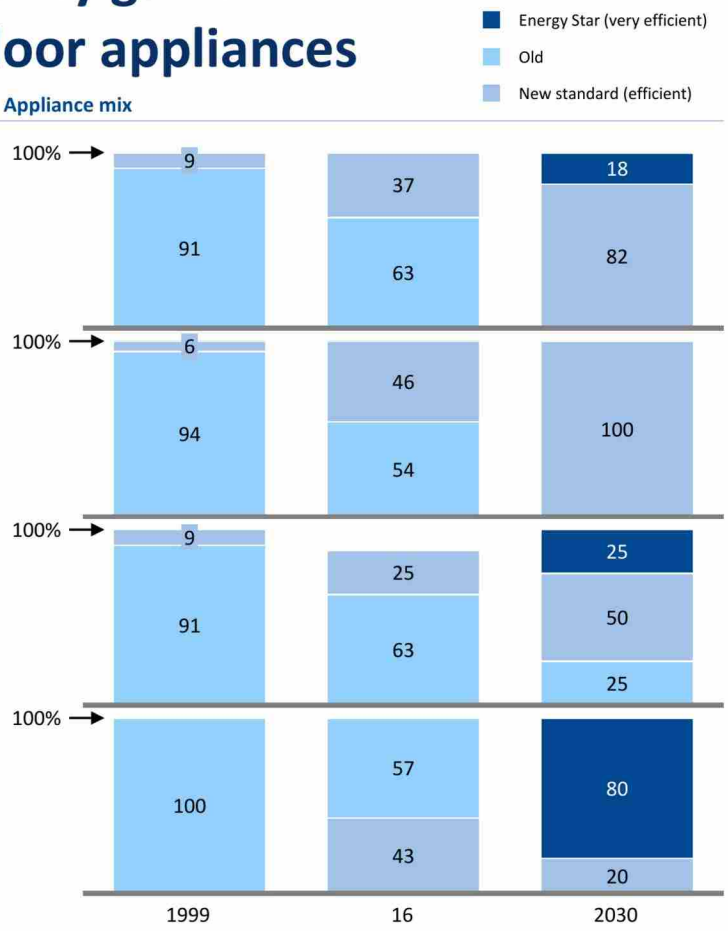
Average daily household use, gphd



Natural adoption of more efficient technology which meets standards will lead to significant efficiency gains

Main drivers	Relevant specifications
Toilets	Old = 3.5 gpf Efficient = 1.6 gpf V. Efficient = 1.28 gpf New efficiency standard effective in 1994
Clothes washers[1]	Old = 41 gpl Efficient = 22.4 gpl New efficiency standard effective in 2011
Showers/faucets	Old = 2.75 gpm Efficient = 2.5 gpm V. Efficient = 2 (shower) / 1.5 (faucet) gpm New efficiency standards effective in 1994
Dishwashers	Old = 14 gpc Efficient = 6.5 (standard) / 4.5 (compact) gpc V. Efficient = 5.8 (standard) / 4.0 (compact) gpc New efficiency standard effective in 2010
Additional	Outdoor remains constant Leak declines with tech and new home adoption

Appliance mix



1 Assumes standard washer to remain consistent with relative impact in report 2 Outdoor use assumed constant barring incentive or behavioral change

6/7/2019

SOURCE: Handbook of Water Use and Conservation, Amy Vickers, May 2001; Residential End Uses of Water, Version 2, Water Research Foundation, 2016; EIA; NRDC

9 Drivers of water savings

New Regulatory Standards and Flows

Types of use	Pre-Regulatory Flow[1]	New Standard (maximum)	Federal Standard	Year effective	WaterSense/Energy Star Current Specification+
Toilets	3.5 gpf 	1.6 gpf 	U.S. Energy Policy Act	1994	**1.28 gpf**
Clothes washers	41 gpl (14.6 WF) 	~26.6 gpl (9.5 WF) 	Energy Independence and Security Act of 2007	2011	**~22.4 gpl (8.0 WF)**
Showers	2.75 gpm 	2.5 gpm at 80 psi 	U.S. Energy Policy Act	1994	**2.0 gpm at 20 psi**
Faucets	2.75 gpm 	2.5 gpm at 80 psi (1.5 gpm) 	U.S. Energy Policy Act	1994	**1.5 gpm at 60 psi**
Dishwashers	14.0 gpc 	6.5 gpc for standard; 4.5 gpc for compact 	Energy Independence and Security Act of 2007	2010	**5.8 gpc for standard; 4.0 gpc for compact**

Key

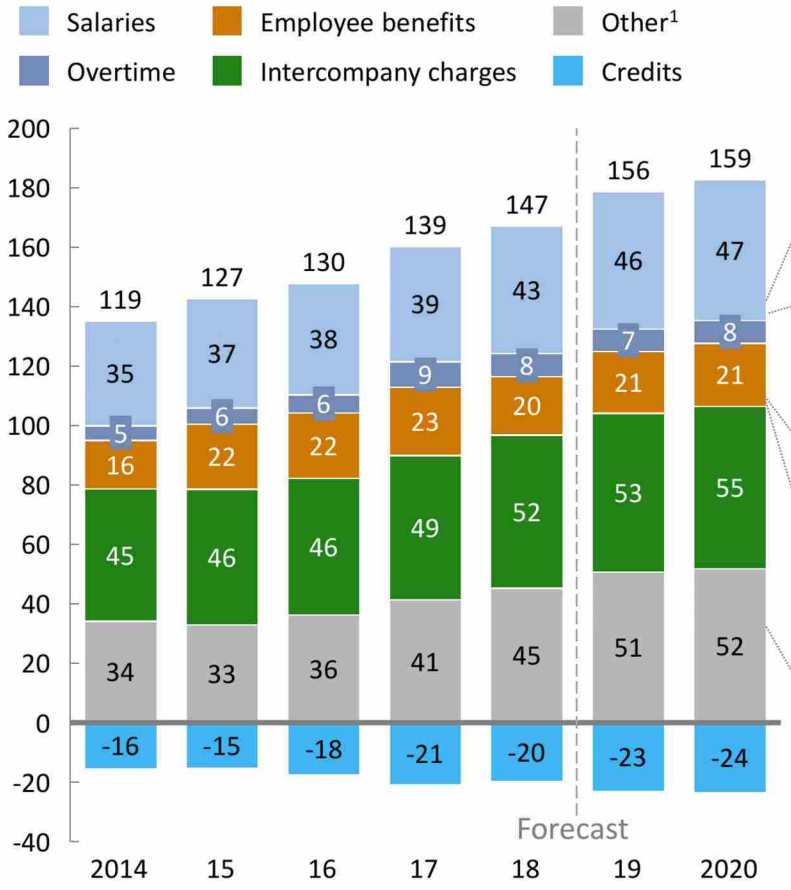
- Gpf: gallons per flush
- Gpl: gallons per load
- Gpc: gallons per cycle
- W.F: Water factor or gallons per cycle per cubic feet capacity of the washer

1 Average estimated gallons per load and water factor

Source: Handbook of Water Use and Conservation, Amy Vickers; WaterSense

10 Water opex breakdown and assumptions

Yearly energy opex breakdown, $M



CAGR 2014-20 and drivers

4.3%	▪ One-time increase 2018 (hiring) ▪ CBA negotiated XX-XX
6.6%	▪ Storm recovery Increase 2017 ▪ XX 2019-2020
3.8%	▪ Reduction in pension liability 2018 ▪ Increased health care costs throughout
3.0%	▪ Increased allocation starting 2017
6.1%	▪ 10+% growth 16-19 driven by increased professional services, supplemental workforce spend
6.0%	▪ xx

CAGR 2021-2030 and assumptions

5%	▪ Recent average historical growth (18-20)
5%	▪ Tracks with salary growth
6%	▪ Tracks with salary growth with 1% adder to account for healthcare costs
5%	▪ Historical growth (using 2012-20)
4%	▪ 2012-18 historical growth (outsized outage impact 2019-20)
6%	▪ Tracks with salary and benefits growth

1 Interest, contracts & contingencies, city services, other services & charges, materials & supplies

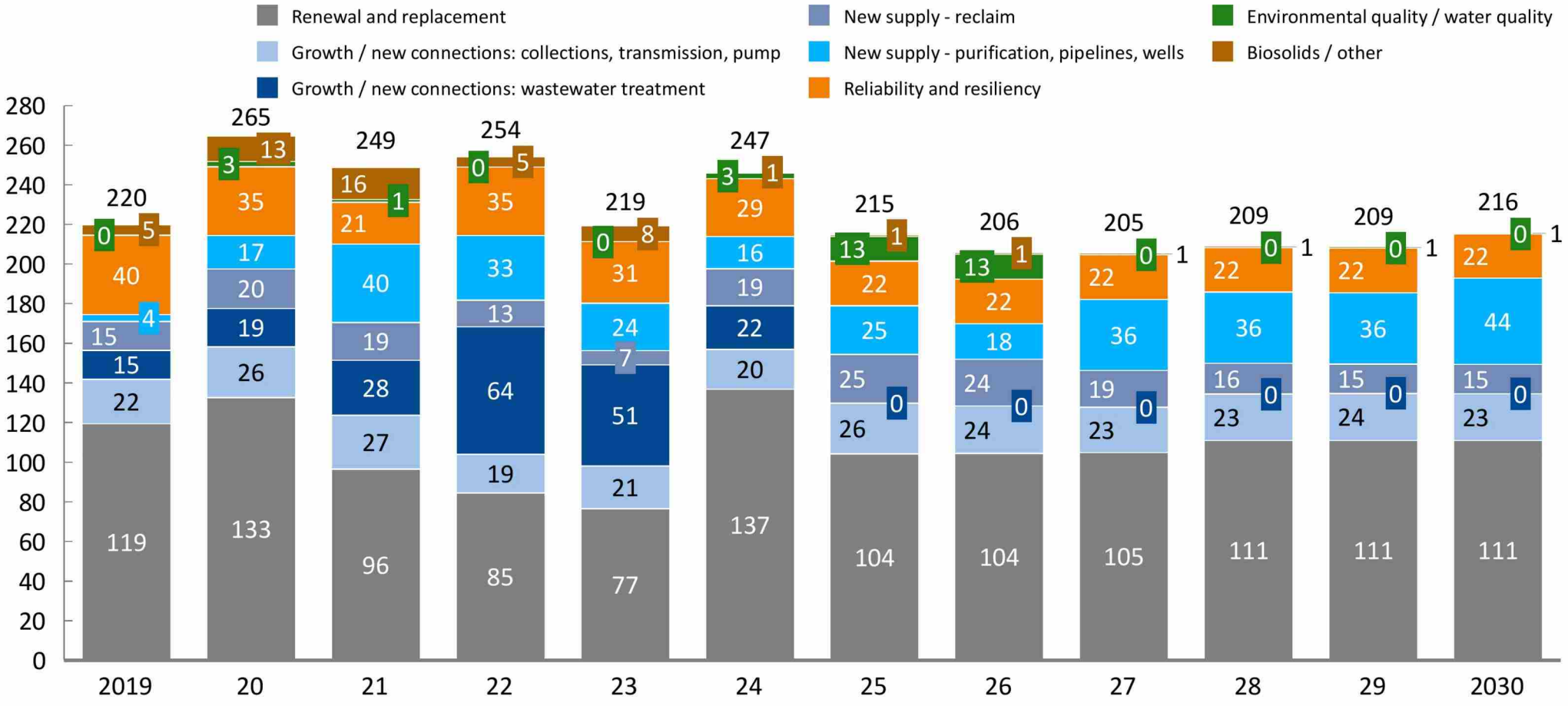
2 Expected to fall in line with historic trends (e.g., barring one-time events)

6/7/2019

SOURCE: JEA O&M budget historical data, FY19-20 budget forecast

11 Water capex breakdown

Yearly water capex, $M



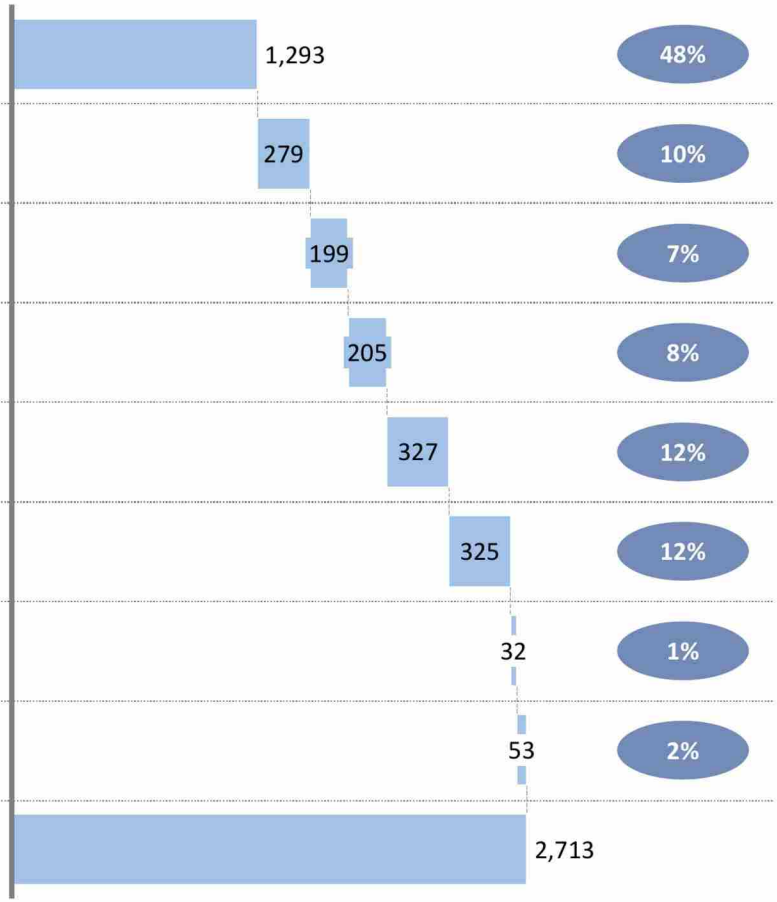
6/7/2019

SOURCE: JEA capital project budget as of February 2019

11 Water capex breakdown and assumptions

Category	2019-24 assumptions	2025-2030 assumptions
Renewal and replacement	Project list categorized previously by Capital Budget Planning	Average yearly spend for 2019-24 assumed for all years
Growth / new connections – wastewater treatment	Major expansions (Greenland, Southwest, Nassau)	No additional wastewater treatment expansion assumed needed
Growth / new connections – collection, transmission, pump	Project list categorized by Capital Budget Planning	Average yearly spend for 2019-24 assumed for all years
New supply – reclaim (including storage, new connections)	Project list categorized by capital budget planning	Project list from Planning added to forecast
New supply – purification, pipelines, wells, other	TWMP, Rivertown, Nocatee South Water Repump; purified water phase 2 ($18/gal; 1MGD, FY20-22)	Purified water project (phase 3 = 10 MGD (FY25-30), $200M); 3rd River Crossing - $75M (FY30-34)
Resiliency and reliability	Previously categorized by CBP	Average yearly spend for 2019-24 assumed for all years
Environmental quality / water quality	Highlands Alternative Treatment project	Buckman BNR phase 2
Biosolids and other	Buckman biosolids conversion upgrades and replacements	Buckman biosolids conversion upgrades and replacements

Total 2019-2030 spend, $M, % of total

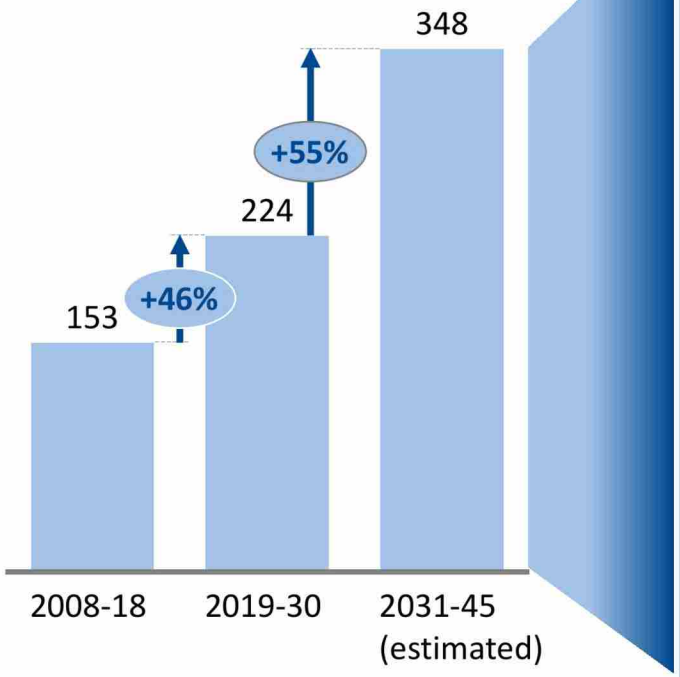


SOURCE: JEA capital project budget as of February 2019

11 Post 2030 water capex needs

DIRECTIONAL COST ESTIMATES

Average annual water capex budget, $M



	Major system priorities	Potential spend 2031-45, $M
Centralization[1]	▪ Phase-out septic tanks in Duval County	2,000
Supply challenges[2]	▪ Proactively address supply challenges on South Grid	293
Growth and quality[3]	▪ Connect and serve new customers, while improving environmental quality of water treatment	698
Maintenance and resiliency[4]	▪ Maintain condition of existing infrastructure; improve resiliency to adverse events	2,223

Not funded

1 Estimate to provide services to 35 identified areas in Duval County
2 Includes 3rd river crossing ($92m, $8M funded in 2030) and 1 additional installment of phase 3 water purification at $200M per installment
3 Includes identified future ww treatment plants ($200m), ww treatment water quality improvement installations (10 installations at $15m each), normal course distribution / collections capacity expansion (assume same yearly spend as 2019-30)
4 Includes normal course R&R and resiliency (same yearly spend as 2019-30), expansion of large diameter pipe program to all pipes ($200m)

SOURCE: JEA capital project budget as of February 2019

Appendix: Summary of Status Quo Results

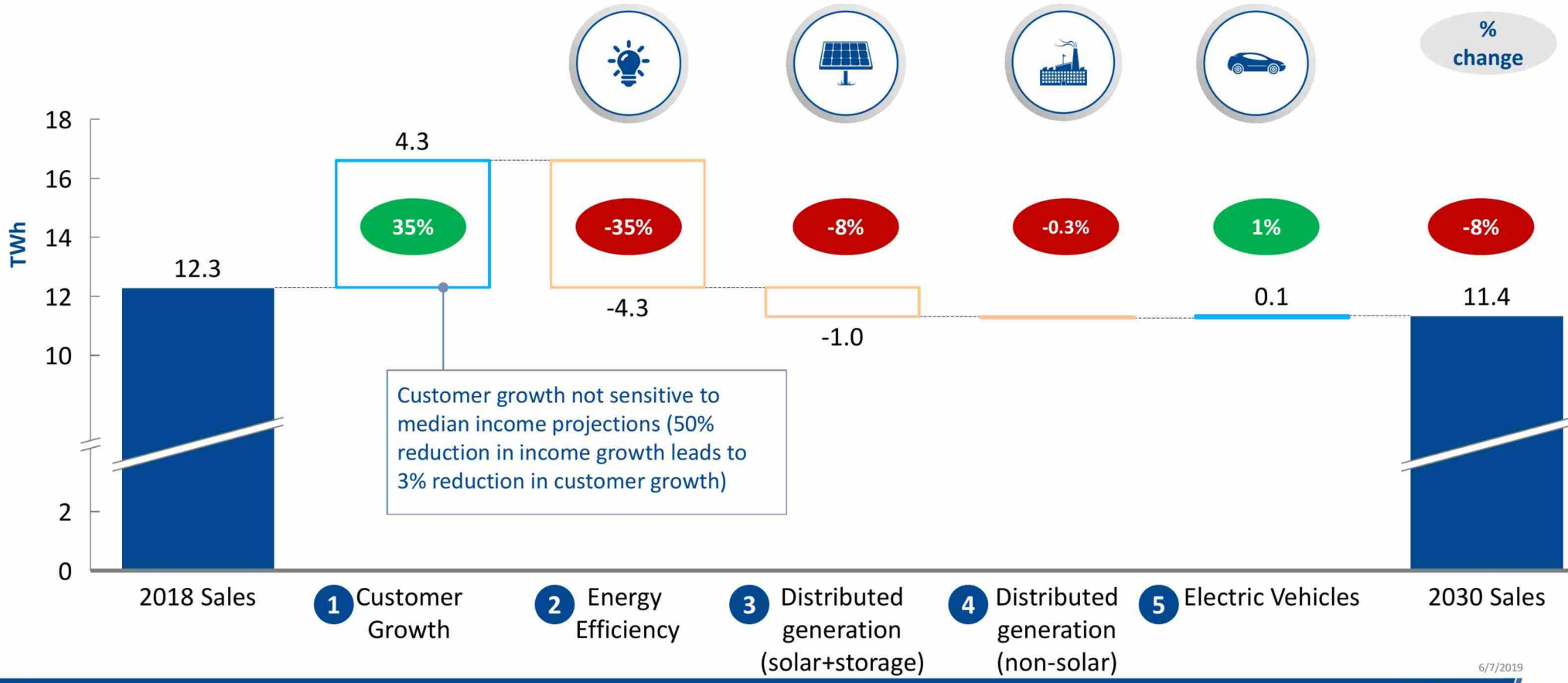


Disclaimer

The following **"Status Quo Baseline"** financial projections are presented solely for JEA Board of Directors planning and action in connection with the development of a strategic plan. They are not a projection of future financial performance and, as such, should not be relied upon by present or prospective JEA bond investors to purchase or sell any security or to make an investment decision. The projections are a mathematical representation of a status quo business case and do not reflect numerous likely future events and future JEA actions that will likely cause actual results to differ materially from this business case. The presentation should be viewed in its entirety with individual slides or sections of the presentation having no greater or reduced significance relative to other slides or sections of the presentation

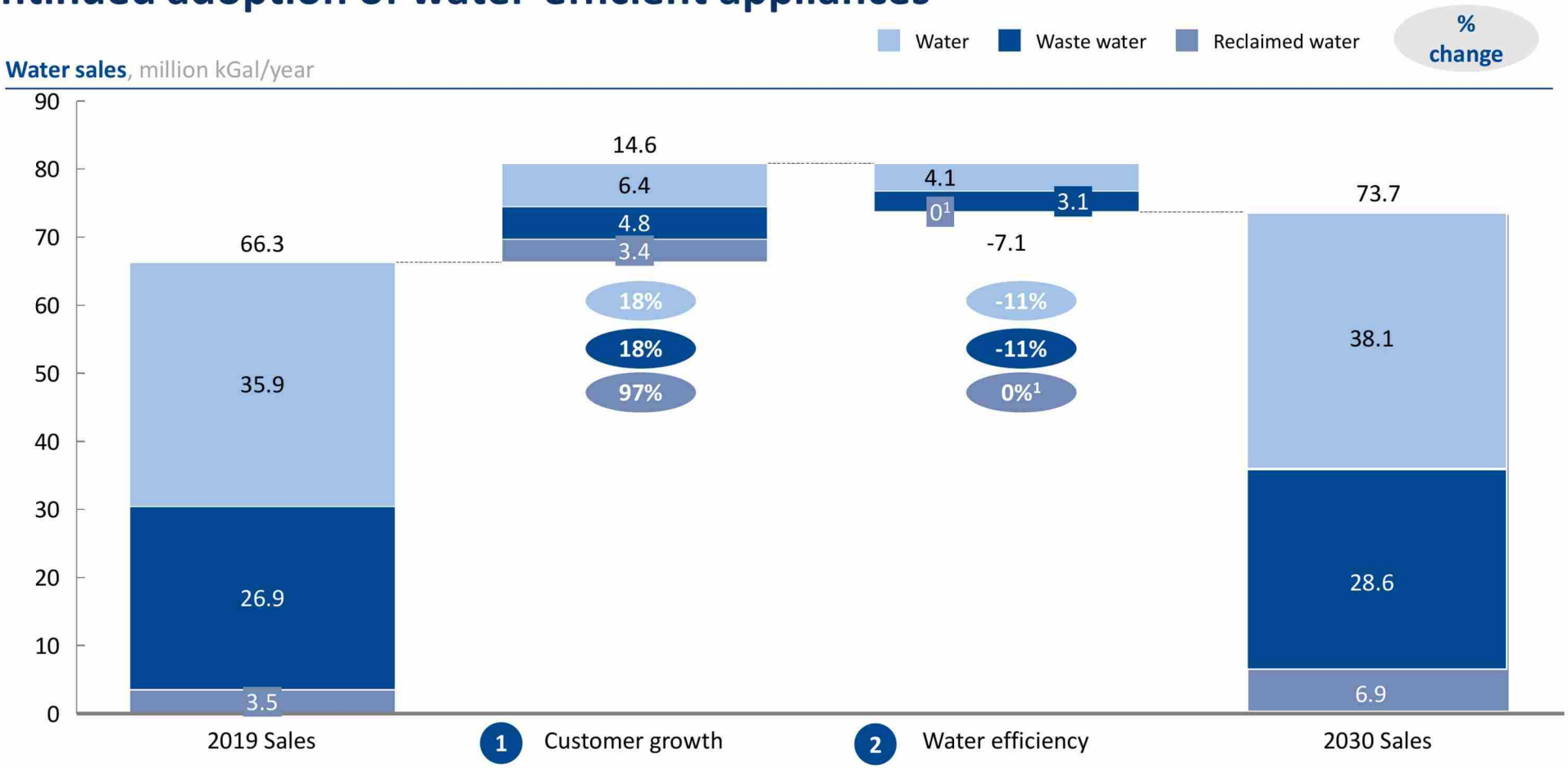
Energy sales forecast: Energy efficiency and solar will drive down JEA's sales by 8% through 2030 despite a growing customer base

2030 JEA projected energy sales, TWh



SOURCE: Moody's, JEA forecasts, EPA, GTM, 2018 Storage cost model, 2018 EV growth model

Water sales will see continued growth driven by population and tempered by continued adoption of water-efficient appliances



1 No change as water efficiency applies to indoor use water

SOURCE: BBER population growth forecasts, Handbook of water use and conservation, EIA

Additional financial assumptions used to develop energy and water status quo baseline scenarios

Financial assumption	Energy	Water
Use rate increases to meet cash flow gap	YES	YES
Raise additional debt to meet cash flow gap	NO (with exception of debt funding for Greenland)	NO
Fund city contribution post 2023	YES	YES

Note: assuming no rate increases, no additional debt, and funding of the city contribution through 2030 results in a cumulative cash flow gap of

- **$2.3B** for energy
- **$0.9B** for water

Energy financial dashboard

	Metric	2019	2025	2030	CAGR	Notes
Rates	Residential bill[1], ($/month)	$123.14	$154.12	$165.73	2.7%	Current Florida median is $125
Cash flow	Operating free cash flow, $M	$564	$510	$481	(1.4%)	
	Capital expenditures, $M	($275)	($322)	($179)	(3.8%)	2025 capex driven in part by Greenland
	Funds available[2], $M	$289	($14)	$302	0.4%	
	New debt, $M	$0	$106	$0		
	Debt service, $M	($389)	($151)	($214)		2019 includes $148M of Early Debt Retirement
Balance sheet	Net funded debt, $M	$1,943	$2,019	$1,375	(3.1%)	
	Debt to capital ratio, %	60%	65%	56%		Current target is 50%

1 Monthly bill after taxes 2 For debt service and city contribution

6/7/2019

SOURCE: JEA financial planning and forecasting model

Water financial dashboard

	Metric	2019	2025	2030	CAGR	Notes
Rates	Residential bill[1], ($/month)	$70.45	$81.93	$81.93	1.4%	Current Florida median is $77
Cash flow	Operating free cash flow, $M	$345	$354	$328	(0.6%)	
	Capital expenditures, $M	($220)	($205)	($216)	(0.2%)	Capex remains high through projection
	Funds available[2], $M	$125	$149	$112	(1.2%)	
	New debt, $M	$0	$0	$0		
	Debt service, $M	($249)	($104)	($100)		2019 includes $140M of Early Debt Retirement
Balance sheet	Net funded debt, $M	$1,217	$995	$703	(5.9%)	
	Debt to capital ratio, %	41%	29%	20%		Current target is 50%

1 Monthly bill after taxes 2 For debt service and city contribution

6/7/2019

SOURCE: JEA financial planning and forecasting model