	Page 1		Page 3
		1	INDEX
		2	WITNESS STEVEN MOINALL
		3 4	WITNESS: STEVEN MCINALL
		5	EXAMINATION
IN RE: AARON ZA	AHN-TERMINATION OF EMPLOYMENT	6	By Mr. Powell 5
AGREEMENT	WITH JEA	7	CERTIFICATE OF REPORTER 67
		8	
		9	
		10 11	EXHIBITS
SWORN S OF	STATEMENT	12	MARKED FOR IDENTIFICATION:
	MCINALL	13	Number 1 Invitation to Participate/JEA Long-Term Plan 61
		14	, ,
DATE TAKEN: TIME: 1	Thursday, January 2, 2019 :33 p.m 3:15 p.m.	15	
	Office of General Counsel	16	
	West Duval Street,	17	
Suite	e 480 sonville, Florida	18 19	
Jacks	Solivine, Fiorida	20	
REPORTED BY:	Heather M. Thomas,	21	
Cour	rt Reporter	22	
		23	
		24	
		25	
	Page 2		Page 4
	OR CITY OF JACKSONVILLE:	1	Page 4 MR. LINSNER: This recorded interview is being
2 STEPHEN J. PO	FOR CITY OF JACKSONVILLE: DWELL, ESQUIRE	2	MR. LINSNER: This recorded interview is being conducted at the Office of General Counsel,
2 STEPHEN J. PO Office of Genera	FOR CITY OF JACKSONVILLE: DWELL, ESQUIRE	2	MR. LINSNER: This recorded interview is being conducted at the Office of General Counsel, City of Jacksonville. Today's January 2nd, 2020,
2 STEPHEN J. PO Office of Genera 3 117 West Duval Jacksonville, FL	FOR CITY OF JACKSONVILLE: DWELL, ESQUIRE al Counsel Street, Suite 480	2 3 4	MR. LINSNER: This recorded interview is being conducted at the Office of General Counsel, City of Jacksonville. Today's January 2nd, 2020, and the time now is 1:33 p.m.
2 STEPHEN J. PO Office of Genera 3 117 West Duval Jacksonville, FL	FOR CITY OF JACKSONVILLE: DWELL, ESQUIRE al Counsel Street, Suite 480	2	MR. LINSNER: This recorded interview is being conducted at the Office of General Counsel, City of Jacksonville. Today's January 2nd, 2020, and the time now is 1:33 p.m. I'm Investigator Robert Linsner. I'm employed
2 STEPHEN J. PO Office of Genera 3 117 West Duval Jacksonville, FL 4 5	FOR CITY OF JACKSONVILLE: DWELL, ESQUIRE al Counsel Street, Suite 480	2 3 4 5	MR. LINSNER: This recorded interview is being conducted at the Office of General Counsel, City of Jacksonville. Today's January 2nd, 2020, and the time now is 1:33 p.m.
2 STEPHEN J. PO Office of Genera 3 117 West Duval Jacksonville, FL 4 5 6 APPEARANCES F 7 ROBERT LINSI	FOR CITY OF JACKSONVILLE: DWELL, ESQUIRE al Counsel Street, Suite 480 . 32202 FOR OFFICE OF INSPECTOR GENERAL: NER, INVESTIGATOR	2 3 4 5 6	MR. LINSNER: This recorded interview is being conducted at the Office of General Counsel, City of Jacksonville. Today's January 2nd, 2020, and the time now is 1:33 p.m. I'm Investigator Robert Linsner. I'm employed by the Office of Inspector General, City of
2 STEPHEN J. PO Office of Genera 3 117 West Duval Jacksonville, FL 4 5 6 APPEARANCES F 7 ROBERT LINSI Office of Inspect	FOR CITY OF JACKSONVILLE: DWELL, ESQUIRE al Counsel Street, Suite 480 . 32202 FOR OFFICE OF INSPECTOR GENERAL: NER, INVESTIGATOR tor General-City of Jacksonville	2 3 4 5 6 7 8	MR. LINSNER: This recorded interview is being conducted at the Office of General Counsel, City of Jacksonville. Today's January 2nd, 2020, and the time now is 1:33 p.m. I'm Investigator Robert Linsner. I'm employed by the Office of Inspector General, City of Jacksonville. The Office of Inspector General is assisting the Office of General Counsel with this investigation regarding Aaron Zahn, former CEO of
2 STEPHEN J. PO Office of Genera 3 117 West Duval Jacksonville, FL 4 5 6 APPEARANCES F 7 ROBERT LINSI Office of Inspect	FOR CITY OF JACKSONVILLE: DWELL, ESQUIRE al Counsel Street, Suite 480 . 32202 FOR OFFICE OF INSPECTOR GENERAL: NER, INVESTIGATOR tor General-City of Jacksonville a Street, Suite 470	2 3 4 5 6 7 8 9	MR. LINSNER: This recorded interview is being conducted at the Office of General Counsel, City of Jacksonville. Today's January 2nd, 2020, and the time now is 1:33 p.m. I'm Investigator Robert Linsner. I'm employed by the Office of Inspector General, City of Jacksonville. The Office of Inspector General is assisting the Office of General Counsel with this investigation regarding Aaron Zahn, former CEO of JEA.
2 STEPHEN J. PO Office of Genera 3 117 West Duval Jacksonville, FL 4 5 6 APPEARANCES F 7 ROBERT LINSI Office of Inspect 8 231 East Forsyth Jacksonville, FL	FOR CITY OF JACKSONVILLE: DWELL, ESQUIRE al Counsel Street, Suite 480 . 32202 FOR OFFICE OF INSPECTOR GENERAL: NER, INVESTIGATOR tor General-City of Jacksonville a Street, Suite 470	2 3 4 5 6 7 8 9 10	MR. LINSNER: This recorded interview is being conducted at the Office of General Counsel, City of Jacksonville. Today's January 2nd, 2020, and the time now is 1:33 p.m. I'm Investigator Robert Linsner. I'm employed by the Office of Inspector General, City of Jacksonville. The Office of Inspector General is assisting the Office of General Counsel with this investigation regarding Aaron Zahn, former CEO of JEA. Is it pronounced in Mr. McInall?
2 STEPHEN J. PO Office of Genera 3 117 West Duval Jacksonville, FL 4 5 6 APPEARANCES F 7 ROBERT LINSI Office of Inspect 8 231 East Forsyth Jacksonville, FL 9 10	FOR CITY OF JACKSONVILLE: DWELL, ESQUIRE al Counsel Street, Suite 480 . 32202 FOR OFFICE OF INSPECTOR GENERAL: NER, INVESTIGATOR tor General-City of Jacksonville a Street, Suite 470	2 3 4 5 6 7 8 9	MR. LINSNER: This recorded interview is being conducted at the Office of General Counsel, City of Jacksonville. Today's January 2nd, 2020, and the time now is 1:33 p.m. I'm Investigator Robert Linsner. I'm employed by the Office of Inspector General, City of Jacksonville. The Office of Inspector General is assisting the Office of General Counsel with this investigation regarding Aaron Zahn, former CEO of JEA.
2 STEPHEN J. PO Office of Genera 3 117 West Duval Jacksonville, FL 4 5 6 APPEARANCES F 7 ROBERT LINSI Office of Inspect 8 231 East Forsyth Jacksonville, FL	FOR CITY OF JACKSONVILLE: DWELL, ESQUIRE al Counsel Street, Suite 480 . 32202 FOR OFFICE OF INSPECTOR GENERAL: NER, INVESTIGATOR tor General-City of Jacksonville a Street, Suite 470	2 3 4 5 6 7 8 9 10 11	MR. LINSNER: This recorded interview is being conducted at the Office of General Counsel, City of Jacksonville. Today's January 2nd, 2020, and the time now is 1:33 p.m. I'm Investigator Robert Linsner. I'm employed by the Office of Inspector General, City of Jacksonville. The Office of Inspector General is assisting the Office of General Counsel with this investigation regarding Aaron Zahn, former CEO of JEA. Is it pronounced in Mr. McInall? THE WITNESS: McInall, yeah.
2 STEPHEN J. PO Office of Genera 3 117 West Duval Jacksonville, FL 4 5 6 APPEARANCES F 7 ROBERT LINSY Office of Inspect 8 231 East Forsyth Jacksonville, FL 9 10 11 12 13	FOR CITY OF JACKSONVILLE: DWELL, ESQUIRE al Counsel Street, Suite 480 . 32202 FOR OFFICE OF INSPECTOR GENERAL: NER, INVESTIGATOR tor General-City of Jacksonville a Street, Suite 470	2 3 4 5 6 7 8 9 10 11 12 13	MR. LINSNER: This recorded interview is being conducted at the Office of General Counsel, City of Jacksonville. Today's January 2nd, 2020, and the time now is 1:33 p.m. I'm Investigator Robert Linsner. I'm employed by the Office of Inspector General, City of Jacksonville. The Office of Inspector General is assisting the Office of General Counsel with this investigation regarding Aaron Zahn, former CEO of JEA. Is it pronounced in Mr. McInall? THE WITNESS: McInall, yeah. MR. LINSNER: McInall. You're being interviewed as a witness in this investigation. If at any time your status as a
2 STEPHEN J. PO Office of Genera 3 117 West Duval Jacksonville, FL 4 5 6 APPEARANCES F 7 ROBERT LINSI Office of Inspect 8 231 East Forsyth Jacksonville, FL 9 10 11 12	FOR CITY OF JACKSONVILLE: DWELL, ESQUIRE al Counsel Street, Suite 480 . 32202 FOR OFFICE OF INSPECTOR GENERAL: NER, INVESTIGATOR tor General-City of Jacksonville a Street, Suite 470	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	MR. LINSNER: This recorded interview is being conducted at the Office of General Counsel, City of Jacksonville. Today's January 2nd, 2020, and the time now is 1:33 p.m. I'm Investigator Robert Linsner. I'm employed by the Office of Inspector General, City of Jacksonville. The Office of Inspector General is assisting the Office of General Counsel with this investigation regarding Aaron Zahn, former CEO of JEA. Is it pronounced in Mr. McInall? THE WITNESS: McInall, yeah. MR. LINSNER: McInall. You're being interviewed as a witness in this investigation. If at any time your status as a witness changes, you will be notified.
2 STEPHEN J. PO Office of Genera 3 117 West Duval Jacksonville, FL 4 5 6 APPEARANCES F 7 ROBERT LINSY Office of Inspect 8 231 East Forsyth Jacksonville, FL 9 10 11 12 13 14 15 16	FOR CITY OF JACKSONVILLE: DWELL, ESQUIRE al Counsel Street, Suite 480 . 32202 FOR OFFICE OF INSPECTOR GENERAL: NER, INVESTIGATOR tor General-City of Jacksonville a Street, Suite 470	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	MR. LINSNER: This recorded interview is being conducted at the Office of General Counsel, City of Jacksonville. Today's January 2nd, 2020, and the time now is 1:33 p.m. I'm Investigator Robert Linsner. I'm employed by the Office of Inspector General, City of Jacksonville. The Office of Inspector General is assisting the Office of General Counsel with this investigation regarding Aaron Zahn, former CEO of JEA. Is it pronounced in Mr. McInall? THE WITNESS: McInall, yeah. MR. LINSNER: McInall. You're being interviewed as a witness in this investigation. If at any time your status as a witness changes, you will be notified. The attorneys who will be interviewing you are
2 STEPHEN J. PO Office of Genera 3 117 West Duval Jacksonville, FL 4 5 6 APPEARANCES F 7 ROBERT LINSY Office of Inspect 8 231 East Forsyth Jacksonville, FL 9 10 11 12 13 14 15 16 17	FOR CITY OF JACKSONVILLE: DWELL, ESQUIRE al Counsel Street, Suite 480 . 32202 FOR OFFICE OF INSPECTOR GENERAL: NER, INVESTIGATOR tor General-City of Jacksonville a Street, Suite 470	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	MR. LINSNER: This recorded interview is being conducted at the Office of General Counsel, City of Jacksonville. Today's January 2nd, 2020, and the time now is 1:33 p.m. I'm Investigator Robert Linsner. I'm employed by the Office of Inspector General, City of Jacksonville. The Office of Inspector General is assisting the Office of General Counsel with this investigation regarding Aaron Zahn, former CEO of JEA. Is it pronounced in Mr. McInall? THE WITNESS: McInall, yeah. MR. LINSNER: McInall. You're being interviewed as a witness in this investigation. If at any time your status as a witness changes, you will be notified. The attorneys who will be interviewing you are Stephen Powell. As a commissioned Notary Public in
2 STEPHEN J. PO Office of Genera 3 117 West Duval Jacksonville, FL 4 5 6 APPEARANCES F 7 ROBERT LINSY Office of Inspect 8 231 East Forsyth Jacksonville, FL 9 10 11 12 13 14 15 16	FOR CITY OF JACKSONVILLE: DWELL, ESQUIRE al Counsel Street, Suite 480 . 32202 FOR OFFICE OF INSPECTOR GENERAL: NER, INVESTIGATOR tor General-City of Jacksonville a Street, Suite 470	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	MR. LINSNER: This recorded interview is being conducted at the Office of General Counsel, City of Jacksonville. Today's January 2nd, 2020, and the time now is 1:33 p.m. I'm Investigator Robert Linsner. I'm employed by the Office of Inspector General, City of Jacksonville. The Office of Inspector General is assisting the Office of General Counsel with this investigation regarding Aaron Zahn, former CEO of JEA. Is it pronounced in Mr. McInall? THE WITNESS: McInall, yeah. MR. LINSNER: McInall. You're being interviewed as a witness in this investigation. If at any time your status as a witness changes, you will be notified. The attorneys who will be interviewing you are Stephen Powell. As a commissioned Notary Public in the State of Florida, I'm authorized to administer
2 STEPHEN J. PO Office of Genera 3 117 West Duval Jacksonville, FL 4 5 6 APPEARANCES F 7 ROBERT LINSI Office of Inspect 8 231 East Forsyth Jacksonville, FL 9 10 11 12 13 14 15 16 17 18 19 20	FOR CITY OF JACKSONVILLE: DWELL, ESQUIRE al Counsel Street, Suite 480 . 32202 FOR OFFICE OF INSPECTOR GENERAL: NER, INVESTIGATOR tor General-City of Jacksonville a Street, Suite 470	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	MR. LINSNER: This recorded interview is being conducted at the Office of General Counsel, City of Jacksonville. Today's January 2nd, 2020, and the time now is 1:33 p.m. I'm Investigator Robert Linsner. I'm employed by the Office of Inspector General, City of Jacksonville. The Office of Inspector General is assisting the Office of General Counsel with this investigation regarding Aaron Zahn, former CEO of JEA. Is it pronounced in Mr. McInall? THE WITNESS: McInall, yeah. MR. LINSNER: McInall. You're being interviewed as a witness in this investigation. If at any time your status as a witness changes, you will be notified. The attorneys who will be interviewing you are Stephen Powell. As a commissioned Notary Public in
2 STEPHEN J. PO Office of Genera 3 117 West Duval Jacksonville, FL 4 5 6 APPEARANCES F 7 ROBERT LINSI Office of Inspect 8 231 East Forsyth Jacksonville, FL 9 10 11 12 13 14 15 16 17 18 19 20 21	FOR CITY OF JACKSONVILLE: DWELL, ESQUIRE al Counsel Street, Suite 480 . 32202 FOR OFFICE OF INSPECTOR GENERAL: NER, INVESTIGATOR tor General-City of Jacksonville a Street, Suite 470	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	MR. LINSNER: This recorded interview is being conducted at the Office of General Counsel, City of Jacksonville. Today's January 2nd, 2020, and the time now is 1:33 p.m. I'm Investigator Robert Linsner. I'm employed by the Office of Inspector General, City of Jacksonville. The Office of Inspector General is assisting the Office of General Counsel with this investigation regarding Aaron Zahn, former CEO of JEA. Is it pronounced in Mr. McInall? THE WITNESS: McInall, yeah. MR. LINSNER: McInall. You're being interviewed as a witness in this investigation. If at any time your status as a witness changes, you will be notified. The attorneys who will be interviewing you are Stephen Powell. As a commissioned Notary Public in the State of Florida, I'm authorized to administer oaths. Please be advised that any false statements made during your interview or attempts to obstruct the Office of Inspector General's investigation may
2 STEPHEN J. PO Office of Genera 3 117 West Duval Jacksonville, FL 4 5 6 APPEARANCES F 7 ROBERT LINSI Office of Inspect 8 231 East Forsyth Jacksonville, FL 9 10 11 12 13 14 15 16 17 18 19 20	FOR CITY OF JACKSONVILLE: DWELL, ESQUIRE al Counsel Street, Suite 480 . 32202 FOR OFFICE OF INSPECTOR GENERAL: NER, INVESTIGATOR tor General-City of Jacksonville a Street, Suite 470	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	MR. LINSNER: This recorded interview is being conducted at the Office of General Counsel, City of Jacksonville. Today's January 2nd, 2020, and the time now is 1:33 p.m. I'm Investigator Robert Linsner. I'm employed by the Office of Inspector General, City of Jacksonville. The Office of Inspector General is assisting the Office of General Counsel with this investigation regarding Aaron Zahn, former CEO of JEA. Is it pronounced in Mr. McInall? THE WITNESS: McInall, yeah. MR. LINSNER: McInall. You're being interviewed as a witness in this investigation. If at any time your status as a witness changes, you will be notified. The attorneys who will be interviewing you are Stephen Powell. As a commissioned Notary Public in the State of Florida, I'm authorized to administer oaths. Please be advised that any false statements made during your interview or attempts to obstruct the Office of Inspector General's investigation may be used in a subsequent prosecution against you.
2 STEPHEN J. PO Office of Genera 3 117 West Duval Jacksonville, FL 4 5 6 APPEARANCES F 7 ROBERT LINSI Office of Inspect 8 231 East Forsyth Jacksonville, FL 9 10 11 12 13 14 15 16 17 18 19 20 21 22	FOR CITY OF JACKSONVILLE: DWELL, ESQUIRE al Counsel Street, Suite 480 . 32202 FOR OFFICE OF INSPECTOR GENERAL: NER, INVESTIGATOR tor General-City of Jacksonville a Street, Suite 470	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	MR. LINSNER: This recorded interview is being conducted at the Office of General Counsel, City of Jacksonville. Today's January 2nd, 2020, and the time now is 1:33 p.m. I'm Investigator Robert Linsner. I'm employed by the Office of Inspector General, City of Jacksonville. The Office of Inspector General is assisting the Office of General Counsel with this investigation regarding Aaron Zahn, former CEO of JEA. Is it pronounced in Mr. McInall? THE WITNESS: McInall, yeah. MR. LINSNER: McInall. You're being interviewed as a witness in this investigation. If at any time your status as a witness changes, you will be notified. The attorneys who will be interviewing you are Stephen Powell. As a commissioned Notary Public in the State of Florida, I'm authorized to administer oaths. Please be advised that any false statements made during your interview or attempts to obstruct the Office of Inspector General's investigation may

1 (Pages 1 to 4)

Page 7 Page 5 1 1 truth, the whole truth and nothing but the truth? chance to answer everything before asking another one, 2 THE WITNESS: Yes, I do. 2 and if you would try to let me get sometimes my long and 3 3 MR. LINSNER: Okay. Have any promises, disjointed questions out before answering, that will 4 4 threats, or inducements of any nature whatsoever help us out. Okay? 5 been made by me in order to obtain your consent to 5 A Sounds good. 6 6 this statement? Q All right. Do you have any questions before 7 7 we get started? THE WITNESS: No, they have not. 8 8 MR. LINSNER: And do you understand that this A No, I think I'm ready. 9 9 Q Okay. Over the course of our work, we've recorded interview will be subject to public 10 disclosure pursuant to the Public Records Law and 10 identified a number of areas of interest and that's 11 other laws of the State of Florida? where I'm going to be, you know, trying to cover them. 11 12 THE WITNESS: Yes. 12 I think that because I have -- you're not 13 13 MR. LINSNER: Okay. the -- you're not the first one that we've spoken to, I STEVEN MCINALL, 14 can hopefully be a little more efficient than I have in 14 15 15 having been produced and first duly sworn as a witness, perhaps some other ones. And I'm going to use 16 testified as follows: 16 information without attributing it to anybody that I 17 17 **EXAMINATION** understand about the structure and the processes over 18 BY MR. POWELL: 18 there so that should expedite it. And if I get anything 19 19 Q Good afternoon, Mr. McInall. I'm wrong along those lines, I'd appreciate you 20 20 Steve Powell. I'm with the Office of General Counsel. straightening it out. 21 21 I appreciate you coming in --As well, since this is an undertaking by our 22 22 office to identify information that exists that would A No worries. 23 23 -- for a little Q and A here. You brought support the termination of Mr. Zahn for cause, I'd 24 with you the Garrity warning form and we've signed it, 24 appreciate your keeping that in mind as we go through 25 and you're aware of the rights that support you; right? 25 it, and if I don't inquire about -- ask about something Page 6 Page 8 1 1 A Correct. that you think we should be aware of or take a look into 2 Q Okay. Just so we can have a little background 2 it, I'd appreciate you sharing it with me. Because 3 before we begin, we've asked you here today to answer 3 ultimately this is, for want of -- I mean, there's one 4 some questions in connection with our -- this office's 4 way to look at this. This is your statement to the 5 5 assignment from the JEA board of directors to board. 6 investigate, inquire into the tenure of Mr. Zahn as CEO 6 At the end I'll ask if you have any 7 7 of JEA to determine whether there are any grounds or information you want to share with the board of 8 8 whether grounds exist to terminate his employment directors of JEA beyond what we've talked about and that 9 contract for cause. 9 will conclude things for us. 10 10 A Okay. So I have a little cheat sheet of players in 11 Q And that really is the focus. I will not try 11 the senior leadership team. And my understanding is 12 to get too far afield. Obviously, I need a little 12 that you're vice president of energy and water planning? 13 background and some orientation on you and your work at 13 A Correct. 14 JEA, but that's our focus. And I would only ask that 14 Q How long have you been in that spot? 15 15 you answer as completely as you can with information A Since mid-January of last year, so a little 16 that you -- is known to you either through observation 16 less than a year. 17 17 or direct action. Q And the information I have indicates that 18 If you have any questions as we move through 18 before that, you were the director of the electric 19 it, please speak up, and certainly if a question is 19 production resource planning department at JEA? 20 unclear, tell me to fix it and I'll do so, so we can 20 A Correct. Yes. 21 have a clear record. 21 Q How long were you in that position? 22 A Okay. 22 A About five years. 23 Q Because we have a court reporter here taking 23 Q And does that take us back to the beginning of 24 down everything, we do need to be careful to not speak 24 your time --25 on top of one another. I'll do my best to give you a 25 A No. I started --

2 (Pages 5 to 8)

Page 9 Page 11 1 O -- with JEA? 1 the -- if you played the role that you have described --2 2 A Yeah. I started as the nuclear commercial A Yeah. 3 business manager, and that would have been in 3 Q -- as -- as it relates to Ms. Anders who's the 4 4 April of 2011. vice president and general manager of energy and 5 Q That's not on my cheat sheet. 5 Mr. Calhoun who's the VP and general manager on the 6 6 A I'm sorry. water side. 7 7 A Right. Q Okay. But what it does say is that you're 8 8 currently responsible for long-term planning for JEA's Q And in my mind, and as I think I covered with 9 9 them, those are the two -- would you consider those to energy and water sectors, overseeing the development of 10 more than a billion dollar capital program? 10 be the two principal lines of business for JEA? A Correct. A Yes. Yes. Those are really the 11 11 12 That sounds like a pretty robust portfolio to 12 revenue-producing lines of business. I think the other Q 13 13 really core business is Kerri Stewart's customer 14 14 A We've got a lot of plans and a lot of things operations where she has the call takers, the meter 15 15 cost a lot of money; power plants, water plants. readers and installers. 16 Q Okay. If you could just sum it up, what does 16 So she's kind of like me in that her group 17 17 all that mean? What is it that you do? serves both of those -- both of those groups, so -- but 18 A So I look at the energy VP and the water VP as 18 it's an integral piece of the overall puzzle as well. 19 being basically my clients. So they -- my group 19 I should add too, I know one other part of the 20 20 identifies future needs, and we do a lot of the business that I have now is the real estate operations. 21 forecasting work with developers on the water side to 21 So it's separate from -- separate but integral to the 22 identify new areas of growth and what's going to be 22 other two sectors where pretty much anything that -- new 23 needed there. 23 that we're doing requires real estate. 24 24 And so all the -- but new real estate that Then work with the operations people, which 25 would be Deryle and Caren -- I think you've spoken with 25 we're acquiring or old real estate that is determined Page 10 Page 12 1 1 them already -- and identify the need for new plants, surplus to needs that we're selling, that's part of my 2 develop the preliminary budgeting for that design, and 2 purview as well. 3 then turn it over to a project implementation group in 3 Q I think the best way for me to do this is, I'm 4 4 just going to go do this in a chronological order with the operations sectors. 5 5 So -- and then similarly on the electric side you. 6 as far as substations, new power plants, one of the big 6 A Okay. 7 7 things we did recently was the -- the Brandy Branch Q And so I'll probably bounce from topic to 8 8 upgrade was done last year. We had done an topic, but I think that might most be efficient -- given 9 evaluation -- and that was part of my electric 9 everything else I've heard up to this point. 10 10 production resource planning role, but I own that group So if we roll back to January of 2019, you 11 now. So it's in the same planning sphere -- evaluated 11 come into this new -- into the job you're in now. 12 A And it was a new position at that point. 12 different options and identified that -- basically 13 13 revamping the entire plant out of Brandy Branch -- it's Q I didn't know that. 14 our big combined cycle -- what's the most cost-effective 14 Did you have any hand in creating the 15 15 way to get additional generation and to make the 16 generation that we had there more cost efficient. So 16 A No. It was a surprise to me. 17 17 Q Okay. You can elaborate on that, if you that was about a \$95 million project all in. 18 18 would. We're looking at a new combined cycle at 19 Greenland that's like \$530 million by the time you 19 A So previously the water planning rested with 20 20 Deryle, electric planning rested with Caren, you know. put -- do all the requirement infrastructure work, get 21 the plan. A lot of the water plants, you know, the 21 And then what I believe it was, my previous boss, Mike 22 22 Brost, had retired in, I think, basically beginning of total price tag is pretty substantial. So, you know --23 Q Thank you. When I -- when I was looking at 23 January 2019. There were three finalists to replace 24 24 your description here and after having talked to him; Julio Aguero -- Julio Romero Aguero, Caren Anders, 25 Ms. Anders and Mr. Calhoun, I did wonder if that is 25 and myself.

3 (Pages 9 to 12)

Page 13

Caren got the job as the VP general manager for the energy system. Julio was brought on as the chief innovation officer or something, I believe, at the time. And then, you know, we never discussed it but I believe that Melissa Dykes was the chief operating officer.

And my boss created a new position, you know, perhaps to kind of help support Caren and -- you know, because she was less from the generation side and more from the transmission side, but also probably to not lose me, I think, you know, since I was a tad disappointed about not getting Caren's job.

Q And she came in from Duke Energy?

A Yes, she came in from Duke. Very qualified now that I've, you know --

Q Private sector?

A Yeah.

2.0

Q So was this -- was the idea and the outline of the position presented to you by Ms. Dykes?

A Yes. Yes. And it really kind of goes back to almost when I started, there was a corporate planning section which reported to finance and that had water planning and electric planning. Didn't have real estate, but it was -- it reported up to the CFO at that time. The CFO was Paul McElroy back then.

think I get it.

So you come in in January of '19, and your -you've got a big -- a big picture view long --

A Right.

Q -- down the road view of things?

A Right.

Q When you came into the position, did you have a sitdown with Mr. Zahn to talk about what you would be doing and what his expectations were for you?

A No, not really. The McKinsey work was already under way. So there was a general understanding that McKinsey was working on this overall strategic plan for JEA that -- you know, there would be findings from that. And, you know, I don't think we were kind of getting results from that yet at that time. We were still providing input to McKinsey.

The first -- the first half of the McKinsey contract was just us feeding them information and data, and they came back with more data requests and we just kept kind of educating them about the system and what we did.

Q Had you been involved in feeding McKinsey before you came into the job?

24 A Yes.

Q When did your work start with McKinsey?

Page 14

When Paul moved up to CEO, he reorganized things, and the corporate planning went -- at that point went to the two VPs, the water and the electric VPs.

So this is really kind of a return back to the way it used to be with a separate planning function. And part of the rationale there is to have somebody focused on the longer term while the operations people are focused on the shorter term, on keeping the system operating.

So it's -- they're not incompatible, but sometimes there's -- if the same person's responsible for both functions, they may sacrifice a long-term view for short term just because something -- if something's broken, it has to be worked on right then whereas in a planning role, I don't have near-term issues that come up.

I always -- I tell people, there's no such thing as a planning emergency, and if there is, it happened ten years ago.

Q That's a good one. I'm going to remember that one.

A Good. I've got a couple of those. I'll try to use them sparingly.

Q Slip them in as we go through here.All right. So this is lining up for me, and I

Page 16

Page 15

A I'm not sure exactly. I think late in '18, maybe mid '18.

Q All right. So you come into the job. Everybody's still feeding McKinsey.

Whatever your interactions were with Mr. Zahn in the first few months of 2019, can you share them with me, whatever comes to mind?

A Sure. So, you know -- and probably the most significant interactions I had were even just before -- before becoming VP, and that was trying to finalize the contracts with EDF for -- for the five 50-megawatt solar farms. That was a purchased power agreement contract that we'd gone through a lengthy procurement process on, and we had negotiated the contracts.

And then Mr. Zahn had -- he had a thing about wanting to read contracts before he signed them, you know. So we'd negotiated everything back and forth with EDF, and he wanted to make some changes and I was pushing back on those to a degree, up to a point, and then incorporating what I could as far as -- you know, as far as the changes.

And they were generally, fairly benign, some buyout options, so giving us the option to, you know, basically terminate the PPA and -- the power purchase agreement, and then, you know, own the facility, and we

4 (Pages 13 to 16)

Page 17

Page 19

had those baked in at, I think, 10, 20, and 25 years. It's a 25-year contract.

And that was, I think, in December of 2018 and then early January '19 is when we got those signed.

Q All right. So my information is that Mr. Zahn became the interim managing director in April of '18, then became the permanent managing director in November of '18.

Had he been involved in the EDF contract -- how far back had he been involved in the contract?

A He was -- he was aware of them when he came in. We had started that before.

Q So you didn't get them ready for signature until after he became the permanent managing director?

A Correct.

Q Is that about right?

17 A Yeah.

The negotiations had taken quite a while and as far -- a lot of -- a lot of exhibits on the back end. You know, each contract is probably \$50 million nominal value. So that was a \$250 million value contract for EDF

On our side the way the purchase power agreements work is we only pay for energy delivered, so, you know, it's a -- it's very friendly from a capital

pushing back on?

A Not off the top of my head. It's -- you know, it's been a lot going on since then, and it's -- yeah, they were, you know, what I thought in a pretty -- you know, nothing really significant, you know, that really -- that I thought deserved holding up the contracts for, but, you know, he wanted the changes.

Q Well, you mentioned there were some things that you, I guess, returned the push on, that you -- that you challenged him on. What sorts of things were they?

A I think it was the -- oh, that's what it was. It was liquidated damages too. So he was looking for liquidated damages if EDF failed to complete the contract.

So the difficulty there is liquidated damages are usually payable if you're paying somebody cash up front for something, and then they would owe you the money to complete the contract. So the middle ground I found there was the -- if EDF didn't finish on time and we had lost the ability to get this tax credit -- one of the -- so I'll try not to talk in circles.

But one of the reasons we do power purchase agreements instead of building it ourselves is the federal government gives a 30 percent tax credit on the

Page 18

use point of view, because the only capital we spend is whatever it takes to hook the -- hook the farms up. And we also had spent some money the prior year purchasing land for them so we had --

Q What sort of -- what kinds of things in these contracts did Mr. Zahn, as you said, push back on with

you?

A We originally didn't have a -- didn't have the buyback options in there, so he wanted those in. We got those in.

He asked if we could have EDF establish an office here. I said we can try. You know, that's hard to write into a contract. I think we just kind of got their commitment during construction they would open up, you know, an office. I think we -- I'd probably have to go back and look at the contracts.

But Julie Davis in OGC's office helped us with those, and she probably has all the -- all the redlines and might be familiar with what those final changes were.

Q Did Mr. Zahn explain to you why he wanted the buyback provisions?

A No. Just, you know, one of the things that he was looking for.

Q Do you remember anything else that he was

Page 20

construction. So that's a pretty big piece. If it's a \$50 million plant, that's, you know, \$15 million right off the top that is cheap -- so it's \$15 million cheaper for EDF to build it than it would be for us.

And that savings gets passed into the per megawatt-hour price. So it ends up being advantageous for us as well to hire a third party to do that.

So he was looking for liquidated damages, and the middle ground we finally negotiated was basically reflecting that not that -- the 30 percent that the -- like, at 20 percent because even if we had to hire somebody else, they would have still qualified for a 10 percent tax credit. So we figured what was really at risk was 20 percent of the cost, which was -- so, you know, \$10 million.

And then we had that broken up. So there was like, I think, maybe \$5 million they would actually pay us, but then they would also pay us the cost of the interconnection for each one, which is about 3 to \$5 million. So that changed, and it added up to about the \$10 million that would be -- reflect the 20 percent.

So, you know, it sounds complicated here and it was really complicated trying to negotiate it and get those terms. And -- and it was made more so just because we were trying to work in elements like that

5 (Pages 17 to 20)

Page 21 that really have a potential cost to the developer 1 2 without impacting the price that we had already negotiated, and we got that. The price didn't change. 3 Q I get why it would be hard to go back into a 4 deal which was essentially done and make these sorts of 5 Mr. Zahn, Mr. Wannemacher, Mr. Vinyard, and Ms. Dykes? substantive changes; right? 6 A Yeah. Yeah. 7 Is there anything else that Mr. Zahn pushed on 8 or you pushed back on with respect to this contract? 9 A I think that was pretty much -- was pretty 10 Ponte Vedra, yeah. much -- those are the two big things. I don't think --11 12

I remember there being five elements, so then that's three of them. The LDs, the buyback options, the -- you know, the headquarters -- or the office space. And then there were two other smaller ones which were kind of easily accommodated.

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

2.0

21

22

23

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

22

23

24

25

Q And did you deal directly with Mr. Zahn on this, or did he have somebody else as an intermediary in his group?

A No. I think this is kind of in the time where Mike Brost was -- my previous boss, was wrapping things up. So I was -- I was the one standing outside his office looking for the signatures.

24 Q You mentioned the McKinsey work. So as you 25 move into your position, McKinsey is still getting data. A I'm the lower echelon.

Q All right. Well, I don't mean to put it that way, but nonetheless, there's the big group of 13 or 14,

however many it is, and then there's the group of

Q Okay. Do you recall an off-site meeting of the team in early April at Ponte Vedra?

A Yeah. We had a few meetings out in

Q Does that April 2019 date ring --

A Yeah.

13

14

15

16

17

18

19

20

21

22

23

24

25

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

Q -- with you for any reason?

A April 2019? That was probably the first one, yeah. They all kind of blur together. And the first ones, I think, were mostly about the overall strategy with McKinsey and trying to get alignment with people.

Q What did you consider -- or what did you understand to be the overall strategy with McKinsey?

A Just that they were -- they were kind of taking a fresh look at the utility industry and, you know, kind of not going into the same preconceptions that maybe -- you know, that we do. I think there's a tendency in utilities to do what worked, you know, well. So this worked, therefore we'll do it again.

Page 22

Do you remember when you first saw anything out of McKinsey?

A So they had some really small meetings with like the subject matter expert groups to sort of fine-tune what they were finding. So they would come in and show a small group of us -- it would be like me and my directors or maybe Caren and I and some of her directors or the same thing on the water side -- and they would show us, here's what we're seeing, what do you think.

And we'd look at it and sometimes we'd be like, well, that doesn't work, this -- you know, that looks okay. And that was -- that must have been maybe in the springtime, late spring. You know, I'd have to look at my calendar or emails to kind of see, you know, what the timing looked like.

Q And I'm not trying to trip you up here.

A Yes.

Q But I do have some dates. So let me try to offer -- do you recall a -- by the way, in your position

21 you are a member of the senior leadership team; correct?

A Correct.

Q But I've learned that there is a -- the large senior leadership team and then there's the upper echelon senior leadership team; correct?

Page 24

Page 23

There are changes coming in the utility industry; solar, rooftop solar, you know, even utility scale solar.

You know, we've seen a dramatic decrease in pricing from our first solar farm out on the Westside to the second round that we just completed.

Q And what do you mean by a dramatic decrease in pricing?

A Like about a factor of 3 from -- from Jax Solar which is our -- the first 12-megawatt farm to the 38 megawatts that we just completed -- or I guess 26 megawatts that we just completed. Because 38 includes the 12. And then -- but another factor of 3 for the -for the EDF contracts.

Q So by that, do you mean that the charge to the customer is decreasing per kilowatt hour or --

A Yeah. I wouldn't say the charge to the customer as much as the charge to -- the cost of the power to the utility which then gets blended with every other generation source to develop what the charge to the customer is.

So there's not an immediate impact on customer bills, but it does let us increase the amount of solar we have because whereas before it was at quite a premium, now it's on par with traditional generation.

6 (Pages 21 to 24)

Page 25 Page 27 1 Q Okay. So I think I understand you to be 1 product. That was internal. 2 2 saying that it wasn't costing JEA as much to acquire --Q What is your assessment of the McKinsey 3 3 A Right. product? 4 Q -- this energy? 4 A So I think it's -- it's aggressive. As far as 5 A Right. 5 the recommendations, as far as the levels of solar 6 Q Is that a bad thing? 6 adoption, you know, I -- I thought they were -- we would 7 7 A No. That's a good thing, but, you know, on be hard-pressed to meet those. They're doable, just --8 the residential side, the same thing is happening where 8 you know, it would just take a concerted effort. 9 9 the cost for customers to put in their own solar and now Q Would JEA be hard-pressed to meet those goals 10 even batteries, you know, kept going down to the point 10 because it's a public entity, or is there some other 11 that more and more customers could, you know, either 11 reason it would be hard-pressed to meet the goals? 12 purchase less from us or potentially even detach from 12 A More from a -- more from a system balance. 13 13 The -- you know, more to the issues with -- with solar 14 So it's -- you know, we can kind of look at 14 power, it's only there when the sun's out and the sun 15 other places that are further ahead as far as that kind 15 pops in and out rather randomly based on how cloudy the 16 of impact, a lot of the California utilities, Hawaii, 16 day is. 17 just places that have got higher levels of customer 17 So we don't even actually count solar as what 18 solar adoption. And it is very disruptive to the 18 we call capacity. There's kind of two -- two concepts 19 utility. 19 as far as the energy side. We've got capacity, which is 2.0 And the McKinsey effort was to try to account 20 the most power we could reliably produce, you know, when 21 for these things, I think, more carefully and, you know, 21 we need it on a given day. And then energy is just how 22 from a higher level and develop a plan for addressing 22 much power we actually produce. 23 those things. 23 So when you bring in solar and you can't rely 24 You know, a lot of times it was, you know, 24 on it, it doesn't really reduce your capacity needs. 25 just -- well, when their products came out, they did 25 Battery storage does, but then that pushes your price Page 26 Page 28 1 call for higher levels of solar, of -- you know, much 1 back up. 2 more renewables in the portfolio. 2 So when McKinsey first came in, they just had 3 Q When what came out? 3 these huge amounts of solar, and, you know, based on 4 4 input from the energy team, they added in a commensurate A When the McKinsey results finally came out, 5 5 they were looking at much higher levels of solar than we amount of storage so that, you know -- so that it could 6 have right now. 6 count as capacity. But that just means it's more 7 7 Q And is that the report that came out this past expensive and probably pushes it out further in time 8 8 month? on -- you know, on when it's going to be cost-effective. 9 A Yes. Yes. 9 Q I'm sure this is going to sound like a very 10 10 Q I have a big, thick McKinsey document. It simplistic question, but the McKinsey process was a long says Management Presentation. Is that it? 11 11 12 12 A Could be. A Yes. 13 Q I'll go grab it on a break. 13 Q It involved a lot of money? 14 A Because there's a management presentation that 14 A I don't even know how much. 15 15 Q All right. Certainly you know that it was part of the -- part of what we were presenting to involved a lot of time on the part of you and others --16 the respondents, you know. 16 Q In the ITN? 17 17 A Yep. 18 Q -- at all levels; right? 18 A In the ITN process. And that was called 19 Management Presentation. 19 A Right. Q When all was said and done, what was obtained? 20 Q Are you referring to another end product? 20 21 21 A No. That wasn't a McKinsey -- it included a What was obtained by JEA from this process? 22 A Besides that thick report? There's -- I'm 22 lot of the things from McKinsey, all the -- and if you

7 (Pages 25 to 28)

probably going to have to let the dust settle a little

There's good information there.

bit to see what's gleanable from the McKinsey efforts.

Certified Court Reporters, Inc. (904) 356-4467

23

24

23

24

25

look at both of those, you'll see a lot of duplication,

slide over here. It's -- but it wasn't a McKinsey

you know, oh, this clearly just came from this McKinsey

Page 29 They had access to market analysis and market studies that we don't, and that's where they came up with their time to grid parity. You've probably seen that concept in there which is when in the future the solar plus battery at the customer level is equal to or less than the cost to obtain power from the utility, and, you know, that's what kind of drove their projections versus what we already had. So, you know, I do think they identified some good projects and some, you know -- and things that we can do in the future. Whether or not those things are doable as a municipal utility, I don't know. Like I said, I'd really have to go through the report in more

know, what in here is still usable. Q At the end of the day, did the McKinsey report support the proposition that JEA needed to make radical structural changes in order to survive into the, you know, 30 years down the road?

detail than I've had the opportunity to and see, you

A I believe it did, yes.

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

2.0

1

2

3

4

5

6

7

8

9

10

11 12

13

14

16

17

18

- Q Did you agree with those outcomes?
- 21 22 A I think -- where I got to on that was I felt 23 that the -- their timing I thought was -- I'll use the 24 word aggressive again. I thought it was earlier than 25 what it may actually be.

- year. Certainly at least one at the ten-year site plan; right?
- 3 A Right.

1

2

4

6

7

9

18

19

20

21

22

23

24

25

1

2

3

4

5

6

7

8

9

10

11

16

18

19

25

- Q And that goes off to the State; right?
- 5 Right, Public Service Commission.
 - And there's another document called the IRP?
 - A Uh-huh.
- 8 The integrated resource plan?
 - A Plan, yeah.

the main sources.

- 10 Q How do they -- how do they -- help me
- understand the two and how they work together. 11 12 A Okay. So the ten-year site plan is produced 13 annually and goes to the Public Service Commission. So
- 14 in that we do a ten-year look back and a ten-year look 15 forward, and the purpose of that is to demonstrate to 16 the PSC that we have adequate generation to serve the 17 needs of our customers.
 - So, you know, we will tend to make assumptions, and, you know, projections are all based on assumptions. We look at kind of the rate that the system has grown or declined. Over the past ten years, we look at the -- what are the projections going forward for economy, housing starts. We pull in data from a bunch of different places. Moody's Analytics is one of

Page 30

So they were calling for grid parity in 2027ish. You know, anything I've read maybe looks at it maybe being early to mid 30s. But from my point of view, it's looking at long-term planning that still -you know, it's within the same kind of planning realm. You know, if I'm trying to decide is the business model going to turn upside down in 2027 or

2032 -- it's like a five-year period -- it doesn't make a difference. You know, I still need to plan for something to change.

- Q All right. Let's put the McKinsey issue off to the side.
 - A Okay.
- Q Your job is to plan --
- 15
 - Q -- to look down the road. And at the end of the day, the goal is to make sure that everybody that's in your customer base has the energy they want --
- 19 A And the water they need.
- 20 Q -- flip the switch, the light comes on; turn 21 the faucet, get the water; flush the toilet, all things taken care of; right? 22
- 23 A Right.
- 24 Q It's my understanding that there are a number 25 of forecast documents that are generated during the

Page 32

Page 31

- And then based on that, we'll make a projection like, okay, we're going to assume a growth rate of X percent per year over the next ten-year period, and then that determines how much generation we need. Then we compare and here's how much generation we have, and if the generation we have drops below how much we need, we have to figure out, all right, how are we going to address that gap. So that's the purpose of the ten-year site plan.
- Q And it's my understanding it's filed with the PSC in March; right?
- 12 A Right. It's due April 1st.
- 13 Q All right. Every year?
- 14 A Every year.
- 15 Q And when you filed it this year or last year
 - for '19, how did you feel about that plan?
- 17 A Same as every year; pretty good.
 - Q What does that mean to feel pretty good about the ten-year site plan?
- 20 A We had a -- we had just completed our Brandy
- 21 Branch upgrade that I mentioned. So that accounted for,
- 22 I think, 95 megawatts of new generation on the system.
- 23 So we had a very small gap that we could fill in with
- 24 just market purchases.
 - If you've got like a gap of, say,

8 (Pages 29 to 32)

Page 33 Page 35 1 100-megawatts or less, you can just say we'll take care 1 Because the one thing we can't tell is what's 2 of that on the marketplace. We -- you know, to back up 2 going to happen. 3 3 a little bit. Q So on the capacity side, would you agree with 4 4 So if you go back ten years ago, we were me that there is no storm cloud on the JEA horizon out 5 5 growing at 3 percent per year. So the planners back to 2029? 6 6 then, you know, looked at how much generation there was A Not quite. So the -- what we have on the 7 7 and built in -- built in more so that we would have capacity side is, part of that capacity is made up with 8 enough -- we would have enough to supply really 8 Northside 3. It's a 1977 oil and natural gas unit. 9 9 It's got to retire someday, you know, so that's what's 30 percent more than we actually ended up with. Because 10 of the recession, energy efficiency, the per capita 10 driving a new combined cycle. 11 Northside 1 and 2 are coal petcoke plants. 11 consumption has dropped drastically. 12 Very -- you know, very -- you know, not well -- well, 12 So that's what allowed us to close power 13 not very flexible because coal plants, you can start 13 park -- St. Johns River Power Park. We had 640 14 14 megawatts of coal power from SJRPP. In 2019, this past them up that fast. You've got to -- and they don't 15 year, the agreement we have with FPL would have -- so we 15 operate over a really wide range. It's part of the 16 owned 80, they owned 20 percent, and then we sold 16 issues. And they take a lot of manpower. 17 So at some point -- as well as there's a lot 17 30 percent to them, making it effectively 50/50. 18 18 That 30 percent we sold to them was going to of environmental pressures, carbon especially. So there 19 19 come back to us in 2019 which would have given us more are -- there are pressures on the existing units that we 20 have that kind of indicate they'll need to be replaced, 2.0 or less 1,000 megawatts of power from power park and all 21 you know, probably before 2029. 21 we needed was 200. So my catch phrase then was 1,000 22 Q But didn't you shed capacity? 22 megawatts of coal is not the answer to a 200-megawatt 23 A With power park. 23 24 With power park? 2.4 Q So as a result we made the decision to close 25 A Yes. 25 power park, and we bought 200 megawatts on the market Page 34 Page 36 1 for the past two years. Then we did the Brandy Branch 1 Q And if you need to replace that Northside 2 upgrades, worth about 100 megawatts and leaving us about 2 capacity -- why did you do that? 3 100 megawatts short that we can just fill in on the 3 A So power park was a 1980s unit. The -- again, 4 market. 4 a coal unit, not very flexible. You know, there's -- it 5 5 Q So in other words -- I think I hear what starts up, and, you know, it kind of has to stay in a 6 6 you're saying, is that in 2009, the projection for 2019 pretty narrow range. 7 7 ended up being overstated? And FPL had made a pretty attractive offer to 8 8 A Yes. buy out their portion early. They were pretty 9 And you did these things to adjust for that 9 interested in dropping their portion of it. So we 10 10 actually got paid a pretty good amount from them on excess? 11 11 the -- as part of the -- as part of the whole A Right. 12 12 transaction around the retirement. Q So what does that do to your forward look to 13 2029? 13 Q Okay. So you made a good deal on that and --14 14 A So right now the system's pretty much, you A Right. 15 know, exactly right sized. And our growth rate now is 15 Q -- now you have the ability to address 16 capacity down the road? 16 more like a half a percent per year compared to that 17 17 3 percent per year. So it's barely above flat.

> ill-equipped to handle because it's a public utility? Q Can you fit the IRP into this discussion for

Q All right. Is there anything in this capacity

challenge -- which it's always a challenge, right --

A Oh, yeah. Yeah.

Q -- that from where you sit, JEA is

9 (Pages 33 to 36)

18

19

20

21

22

23

24

25

18

19

20

21

22

23

2.4

25

Now, you know, that -- that change -- the fact

that our projections were that far off, you know, from

'09 are always kind of in the back of your head. You

resistant plan so that -- you know, it may not be the

optimal plan for what actually happens, but it will be

the widest range of what actually happens.

the plan that has the best chance to be a good plan over

want to be -- my goal's always to have the most flexible

Page 37 A Sure, sure. So the IRP, integrated resource plan, there's no requirement to do those on a regular basis. So we typically do an IRP when there's a big decision to be made. In this case that was looking at the Northside 3 retirement and a new unit at -- a new combined cycle unit. So theoretically the IRP would be produced.

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

6

12

13

14

15

16

17

18

25

It would identify a need that could be most effectively filled by new combined cycle generation. That then would be the basis for a need for power application to the Public Service Commission, which would be the way that the plan gets permitted.

So really the IRP is almost less of a planning document and more the first step of the permitting process and the licensing process, because that's the vehicle by which you demonstrate that this is the best solution for the need, that there is a need, and that it's really the -- you know, it's the optimal solution.

And you could -- so it's a lot more intensive than a ten-year site plan. We do ten-year site plans in-house. We typically subcontract integrated resource plans to a big engineering firm and that's really what -- you know, the main difference.

They draw on a lot of the same information, so as far as the -- you know, forecast is a good -- so the

still here, so --

1

2

3

4

6

7

8

9

10

11

12

13

14

15

16

17

18

19

2.0

23

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

- Q Back in '18?
- A Back in '18.
 - Q And where does it stand today?
- 5 A I tapped the brakes on it because I wanted

to -- well, for one -- a couple of reasons.

There was a lot of public statements by Aaron about maybe not needing a combined cycle, maybe having batteries and solar instead. Part of that licensing process is public statement -- sworn testimony that this is what we need.

So I mentioned to Melissa that that's going to be really hard to say with our CEO making statements essentially to the contrary.

- Q And did you think there was support for his statements to the contrary?
- A There were --
 - Q Did he have data and studies to support these statements that ran counter to the IRP?
 - A Well, the IRP wasn't --
- 21 Q I'm sorry.
- 22 A -- wasn't out yet.
 - Q Counter to these issues?
- 24 A No. I think he had more macro trends and 25 information from other places where solar and battery

Page 38

Page 40

Page 39

- 1 ten-year site plan has a forecast. The integrated 2 resource plan -- going back to my earlier point -- will
- 3 have a base forecast, different forecast based on good
- 4 economy, poor economy, high natural gas prices, low
- 5 natural gas prices. Because, you know, what the other
 - fuel prices are make a difference in what you select.
- 7 If the natural gas prices are high, you're not going to 8
- put in a new natural gas generation. You'll look for 9 something else. If they're low, then you'll put it in,

10 you know, preferentially. 11

But, you know, looking at a range of parameters to kind of come up with, again what's the most resilient solution for whatever's needed is where the IRP comes in.

Q And are you the one that's responsible for the IRP?

When did work on the IRP begin?

19 And is it a 30-year document or a 40-year 20

document? 21

- A It's 30 years --
- 22 Q Okay.
- 23 -- it looks for.
- 24 Q When did the work start on it?
 - I'd have to look, but it started when Mike was

- 1 were approaching parity. And I think the concern was, 2 you know, he didn't, and I don't think anybody does,
- 3 want to be the person -- the last person to put in a
- 4 combined cycle gas plant right before solar and
- 5 batteries become, you know, cheaper than that option.
- 6 Then you end up with a stranded asset, with something 7 expensive that you've built and don't operate, because

there's a cheaper option.

You know, that's always the -- always sort of the fear in planning is to do something that then turns out not to last long enough to get full payback from. That's always -- that's why we're looking for the most resilient robust solution so that we're not -- so we don't end up regretting a decision we made because now it becomes obsolete prematurely.

So I think he may have been a little ahead of the curve on when that was going to be. But, you know, there's -- there's -- there's stories out there and I think reports that indicate that's coming, but they're not ones that, you know, we generated or that, you know, our traditional consultants generated. I think that is supported, you know, by the McKinsey work. It's kind of the same thing they're showing.

So I don't know if he was getting advance indications of what McKinsey was seeing back then or

10 (Pages 37 to 40)

Page 41 Page 43 1 1 utility industry in general. I think like in almost any 2 2 Q Well, that's what apparently the McKinsey industry, size matters. The larger utilities are able 3 3 to diversify and bring in revenues from other sources. report may say. 4 4 A Yeah. NextEra, they've -- they're the largest renewable energy 5 5 Q But are you of the opinion as to whether what producer -- or developer in the country. 6 6 McKinsey report says is supported -- is supportable by Q I don't think she got that. What was that, 7 7 the data and studies? Next ... 8 A You know, I've seen -- I've seen the same, you 8 A NextEra. 9 9 Q NextEra? know, industry presentations and stories and articles, 10 and, you know, if you look at those places ahead of us, 10 A Yes. It's the parent company for FPL. 11 you know, the California, the Hawaii, there's -- more of 11 12 California because Hawaii's special -- there's some 12 A So from a corporate point of view, their --13 support to it. 13 their utility operations there are less important so 14 14 I don't think -- you know, I think I said they're probably not asking for as much revenue from 15 15 before that I thought the timing was aggressive, and I that because they're getting all this other revenue from 16 think that's the main -- you know, my main thing was 16 their renewable portfolio or, you know, development 17 17 that I think everything they say could possibly happen. activities. 18 18 I just don't think it's going to happen in the same time You know, Duke has acquired -- they've 19 19 frame that they said. I think we maybe got five, six, acquired seven or eight utilities, you know, through 20 acquisitions, and so now they're -- have most of the 2.0 eight years more than what they said. 21 From a long-term planning point of view, 21 Carolinas and, you know, down here in Florida, parts of 22 22 Ohio and Indiana, so -- and, you know, of course that's not -- it's significant, but it's not -- it's 23 23 not -- you know, it's not like critical. It's not like, Southern Company is Georgia Power, Alabama Power, 24 oh, you know, you're wrong because this is not going to 24 Mississippi Power, just sold to Gulf Power to FPL -- or 25 happen until later. It's more like, you know, we got 25 to NextEra. Page 42 Page 44 1 1 more time than indicated by that. So even in the IOU world you see the smaller 2 2 companies get bought up and taken over by large ones, Q Are you of the opinion today that public 3 utilities like JEA as we know them are doomed? 3 and you get -- the economy gets scaled. You get the --4 A I mean, over what time frame? Over the next 4 there's just things that they can do because of how 5 5 30 years, over the next 10 years? large they are that I don't think any muni is going to 6 Q I guess either one. 6 be able to really approach. 7 7 A I think over the next probably 10, 20 years, Because, you know -- you know, one of the 8 8 no. I think, you know, there are -- there are ways to things a government-owned entity can't do is expand that 9 be creative. There's -- you know, there's always, you 9 drastically, especially in a regulated space. So I 10 know, rates that can be triggered and ways to just be 10 think that's why they have a different set of issues. 11 11

smaller. I think -- I think part of it might be, you know, driving consumption down in a way so that -- so we're not selling as much but we're also not producing as much and therefore can use fewer plants.

Q Okay. But if the 30-year outlook is not so good -- sounds like you're saying that -- for public utilities -- why is that versus private utilities?

A Well, I mean, the -- if you even look at private utilities, there's a lot fewer of them now than there were ten years ago, even five years ago.

Q And these are -- these are -- I've heard these referred as IOPs, investor-owned --

A Investor-owned utilities, IOUs. There's been a lot of consolidation in the Now, there are some advantages for a municipal utility. The ability of the board to set rates as opposed to having to go to the Public Service Commission is big.

We can -- we can respond much more quickly to -- you know, to rate pressures that way. If there's a need for an emergency rate hearing, we can have it in 48 hours and make modifications. You know, FEMA reimbursement is an advantage that we get that IOUs don't.

So, you know, there are advantages to both. You know, I do think there -- there are challenges that are uniquely municipal, though, and I think that's part of what was trying to be -- trying to be addressed.

Q I'm just making a note of something to come back to.

11 (Pages 41 to 44)

Certified Court Reporters, Inc. (904) 356-4467

12

13

14

15

16

17

18

19

20

21

22

23

24

25

12

13

14

15

16

17

18

19

20

21

22

23

24

25

Page 45

All right. Well, since you put the -- as you say, tapped the brakes on the IRP, did that then -- did that effort sort of step aside, then, for the McKinsey report?

A For now. Well -- and the reason there is because there wasn't the same pressure to get the next combined cycle licensed, and really the only reason for the IRP is to support the need for power application for the new combined cycle.

So if that pushes out a couple years, which, you know, we made that adjustment in our budgets, now I don't -- you know, I don't need -- I don't need the IRP right away. I can hold off on it.

Q So the only planning document that JEA would now produce going forward is the ten-year site plan?

A Right, until -- until we -- and we are going to wrap up the IRP and bring it out, but we may have to refresh it if we -- you know, it can't sit around forever, you know --

Q Was there any discussion of slowing down the IRP in order to bring it into line with the McKinsey report?

A I was going to want to take a look at that and not necessarily make any changes to it, but just make sure that we could address why things were different. Page 47

our point of view would be that they would have to add a cooling tower to accommodate the -- you know, to reject the heat, so the cooling water went back out into the river at a lower temperature.

So the other option would be to shut down either 1 and 2 or 3 so then half the flow, you know, half the heat load, we're good. So that was kind of up in the air, and the decision -- we felt the decision on that, or the actual closure, would be in the '25 to '27 time frame.

Q Closure of Northside 3?

12 A Right.

Q Or 1 and 2?

A Right.

15 Q Right.

A And I've got about a four-year construction period before -- construction and permitting period -- before -- before that. So I go from '27 back -- I'm at '23. Even if I give myself an extra year, I'm at '22.

So I don't need the IRP just yet. I'm, you know, close, but, you know -- and certainly given the discussions around the sale of -- the potential sale of JEA, the recapitalization, it was, you know -- and this is my call as well. You know, I did not think it was -- and I haven't spoken to anybody who didn't agree with

Page 46

- Because, you know, I'd already spent a fair amount of time explaining to people why the ten-year site plan and the McKinsey report were different. And then the IRP was going to be a completely different animal. Like I said, it's got multiple scenarios as far as both demand projections and, you know, gas price -- fuel prices, all
- kinds of things. So it's -- it wasn't going to match Q Was it your call to slow down the IRP?
 - A Yeah, it was.
 - Q Driven by the -- what you were seeing as no longer a need to purchase the combined cycle?
 - A Right. The timing of the combined cycle was pushed out so we didn't need the IRP.
 - Q And why was the timing of the combined cycle bushed out?

A Just -- really just from a -- you know, from a need point of view, the -- what was driving the need was the retirement of Northside 3, which -- and that -- we anticipated that happening because of a new regulation, 316(b), which is the cooling water intake rule.

So basically Northside 1, 2, and 3 all use the same cooling water intake. Northside 1 and 2 is about half. Northside 3 is about half. And there's studies underway, but one of the potential outcomes is they may have to add a cooling -- you know, the worst case from

Page 48

me -- not a great time to be walking in to the PSC saying we need to build a new power plant.

Because the first thing they are going to say is, well, you know, what about your -- what about all this other stuff going on as far as a potential sale, you know, isn't your -- can't you supply the power from whoever your new, you know, corporation is?

You know, "I don't know" wasn't going to be a good answer at that point, so --

Q I hear that. All right.

A -- yeah.

12 Q Excellent segue here.

So when do you first remember talk around the 14 16th floor, so to speak, of the sale or privatization or 15 recapitalization of JEA?

A Pretty sure it was back in the summertime just this past year. Of course, you know, there's been talk.

Q I'm sorry. Post -- I realize we're taking
 this big history look --

A Yeah.

21 Q -- if we go back to the McElroy days perhaps.

A Right.

Q But we're beyond that now, we're in the

24 Zahn --

25 A The Zahn era.

12 (Pages 45 to 48)

Page 49 Page 51 Q -- tenure which I say starts in April of '18 1 1 that I heard about. 2 2 Q You said that the meeting with Mr. Zahn to when he's interim through to this last month. 3 So during that 18, 19 months, when did the 3 explain the PUP never happened? 4 issue first surface, as far as you recall? 4 A Right. 5 A So the -- I think it --5 Q Prior to that, had you ever had a sitdown with 6 Q I think you answered it. 6 Mr. Zahn to talk about long-term incentive plans? 7 7 A Yeah. 8 Q It was in the --8 Were you ever provided any information by 9 9 A June, July time frame. Mr. Zahn or Mr. Vinyard or Mr. Wannemacher or Ms. Dykes, 10 Q Okay. What about the discussion of a 10 for that matter, regarding the details of either this long-term incentive plan? long-term incentive plan that was in discussion or the 11 11 12 A That was sprung on us at one of the off-sites 12 13 at Ponte Vedra, I believe maybe the one in July. 13 A Not individually. You know, like I said, we 14 Q Okay. Just a little vague on what is 14 got some vague information at one of the Ponte Vedra 15 happening at the different Ponte Vedra meetings? 15 meetings. 16 A Yeah. I mean, they all kind of blend together 16 Q And just so that our record is clear, and so 17 as far as which one was when. But the -- that was 17 that we're not talking too much in code, performance 18 definitely, you know -- and even then the discussion was 18 unit plan is the PUP; correct? 19 pretty vague. 19 A Correct. Right. 20 20 Aaron indicated that there was -- that he Q Were you ever informed how many -- well, did 21 would be meeting with everybody individually to kind of 21 you -- did you understand at some point in the 22 go over details and that meeting never happened. 22 discussion that these performance units were not going 23 Q At a later date -- assuming I'm able to 23 to simply be bestowed on employees, that they would have 24 assemble the documents that are associated with each of 24 to be purchased? 25 those Ponte Vedra meetings, would a look at the 25 A Right. Page 50 Page 52 1 1 documents help you remember perhaps what was discussed Q When did you --2 surrounding them? 2 A I think that was part of --3 A Probably, yeah. 3 -- learn that? 4 Q All right. So this one-on-one discussion with 4 A That was part of the pitch, so to speak, at 5 5 Mr. Zahn that you just referred to, is that -- did you the -- at the Ponte Vedra meeting. The, you know -- and understand that those discussions would be about the 6 6 from what I recall, I think, you know, talking with 7 7 long-term incentive plan, or at that point were they -other people, our -- you know, our take was how many 8 8 were you going to be informed as to what the PUP plan would we have to buy to look like a team player. 9 was? 9 Q I actually have heard that expressed before. 10 A Yeah, I thought those were interchangeable. 10 Why would it matter that you be a team player 11 Q At what point did you first hear about 11 when it comes to purchasing PUPs? 12 performance units? 12 A Just from the point of view of, you know, I 13 A That would have been -- that's what I was 13 think they were being regarded as -- all right, well, so 14 referring to at one of the Ponte Vedra meetings. 14 we're senior leadership and this is supposed to be your 15 Q Do you remember discussion about a long-term 15 level of confidence that the business was going to get 16 plan before you heard about performance units, or do 16 better over the next three years or however long the 17 17 you -- or is it all one and the same as far as you can period was supposed to be. 18 recall? 18 So if you, as a senior leadership, say, I have 19 19 A Yeah, I think -- I think the board had -no confidence in that, I'm not going to buy any, that 20 20 there was a -- there was a charge that went out to doesn't look good. 21 investigate long-term incentive plans, and my 21 It would be like working for a private utility 22 understanding was, you know, the PUP plan is what came 22 and not taking any of the employee stock ownership plan 23 back from that. 23 because you thought they were going to be worthless; 2.4 24 I don't know of any other long-term incentive well, then, why are you working here? plans that -- that -- you know, that we heard about or 25 25 Q Did you ever have a discussion with Mr. Zahn

13 (Pages 49 to 52)

Page 53 Page 55 1 or Mr. Vinyard or Mr. Wannemacher about the interplay 1 wanted to do a -- find a way for us to do a subscription 2 2 between the PUP and either the sale or the privatization model like Netflix, you know, so that we would -- people 3 3 or the recapitalization event? would sign up and we would provide a service and they'd 4 4 A No, no. pay every month regardless of consumption. 5 O When the -- whenever it was at Ponte Vedra, 5 That was -- and I had my guys look at some 6 and I know that there were a number of meetings at Ponte 6 options and nothing -- you know, nothing penciled out from a -- from an economics point of view. It just 7 Vedra, but you're having a hard time distinguishing 7 8 8 between May -- or April, June, even August. didn't make sense, you know. You know, that wasn't the 9 Do you remember Ponte Vedra meetings being in 9 answer he wanted, so he kept trying to tweak it, but you 10 10 know, I never did come up with a viable model for it. I 11 A I just know they were always about when I had 11 stopped working on it. 12 something else -- something else on my calendar and they 12 Q You stopped working on it, okay, since it 13 13 just popped up. wasn't working. 14 Q Do you remember anybody raising their hand and 14 It sounds to me like instead of working 15 15 closely with you on planning that Mr. Zahn and his super saying, you know, I'm not just sure how this fits in 16 with a municipally owned utility? 16 senior team decided to rely on McKinsey? 17 17 A So I know -- I know Ted Hobson expressed some A I would, you know --18 concerns and -- and then, you know, just like this --18 Q Is that a fair statement? I'm sorry. Is that 19 19 you know, it seems odd. a fair conclusion that I'm drawing? 20 Q In a group setting? 20 A I think that's a fair conclusion. That was my 21 A In a group setting. 21 perception. 22 Q Was Mr. Zahn present? 22 Q Do you recall at any of these off-site 23 A It's hard to keep track, because he -- he 23 meetings -- by the way, were there off-site meetings 24 always popped in and out of -- you know, it didn't 24 other than at Ponte Vedra? 25 matter if it was his meeting or not. He would pop in 25 A We had -- there was an off-site for down Page 54 Page 56 1 1 and out, you know, randomly, whether for phone calls or through directors and maybe managers at UNF. That 2 whatever. So he was there that day. Whether he was 2 was --3 there at that precise moment, I couldn't say. 3 Q I apologize. There was a big going-on today 4 4 Q Okay. I have gotten the impression that and sometimes my assistant checks in with me. So I was 5 5 Mr. Zahn's -- virtually his sole focus during his tenure just checking to see if that was her. And so I kind of 6 as CEO was on strategic planning. Would you agree with 6 lost that answer. 7 7 that? If you wouldn't mind, starting --8 8 A Yeah. Yeah, I would say that. A No problem. 9 Q In other words, very little attention to the 9 There was an off-site that included SLT 10 10 directors and maybe managers, maybe not managers. I day-to-day business of JEA? 11 A No, it was pretty clear that was -- that was 11 can't -- I can't recall if they were there -- at the 12 12 Melissa's purview. University of North Florida at the -- their conference 13 Q That being so, it would seem to me that you 13 center out there. 14 might, as the --14 We had -- we used to have meetings out there 15 15 A Planner. fairly often when it involved a larger group, and that 16 16 Q -- top planner of energy and water might be was specifically McKinsey, like, here are some results 17 17 brought into his close sphere. Was that -- but that and -- or not results, but more like, here are different 18 doesn't sound like that was the case? 18 scenarios and tableaus they put up and people worked 19 A No. You know, it would have made sense, you 19 on -- at tables and then went around and the McKinsey

14 (Pages 53 to 56)

"experts" -- experts -- let the record reflect I used

Q Air quotes around experts, okay. Dually

A Okay. And talked about each of the sectors or

whatever they were talking about, like one on carbon,

noted. I was going to say something if you didn't.

Certified Court Reporters, Inc. (904) 356-4467

20

21

22

23

24

25

finger quotes.

20

21

22

23

24

25

would have thought, but no. Outside of -- outside of

the large group meetings, I couldn't have had more than

a half a dozen even just interactions, one-on-one, with

Aaron, and mostly in the -- in the realm of, you know,

know, can you guys -- can you look at that. If he

hallway drive-bys, you know, hey, I thought of this, you

Page 57 Page 59 1 one on renewables, one on alternative water. You know, 1 had like a week or so to get them signed and back. And 2 2 so just a wide range, maybe eight or ten tableaus. they changed a couple of times. They made a couple of 3 3 And then there was discussion at the tables tweaks to them. 4 4 and people kind of voted on what they thought we should Q And who reviewed them with you, or did you ask 5 pursue. 5 anybody to explain any of it, if at all, to you when you 6 6 Q Okay. How about at any of these off-site were looking at it? 7 7 meetings, do you remember Mr. Zahn talking about a A No. Nobody really went through them. You 8 recapitalization event or a change of control of the 8 know, we -- that was the -- you know, we were free to 9 9 have anybody we wanted to -- if we needed a lawyer to company and that in that event obviously there would be 10 a lot of capital moving around and some of that capital 10 look at them or whatever, we were free to go do that. could be available to pay out to employees in the But that -- you know, I don't think -- I don't 11 11 12 form -- to fund an incentive plan? 12 recall anybody sitting down and going through each of 13 A No. 13 the elements with us. More just, here, you have until 14 14 Q No recollection of an exchange like that? whatever date to sign this. 15 15 A No. Q Did you have a performance review at the end 16 Q Which is to say that -- you're not saying that 16 of the fiscal year with Mr. Vinyard? 17 17 didn't happen; you just weren't there if it -- if and --A I don't report to --18 A Right. Right. 18 Q I'm sorry. 19 19 Q -- when it was stated? All right. -- Herschel. I report to Melissa. 20 A Now, there was the -- as far as the retention 20 Q Did you have one with Melissa at the end of 21 agreements, you know, that was part of the so-called 21 the fiscal year? 22 table stakes as far as the three years of -- you know, 22 A Briefly. I think we all got "meets". They 23 three years of pay and the -- or three years of, you 23 kind of short-circuited. So there wasn't a lot of -- a 24 know, retained employment or payout, and the one-year 24 lot of, you know, give and take on the -- on the 25 salary bonus payable in like a third at closing, a 25 Page 58 Page 60 1 1 third, a third. And that was in -- you know, everybody Q Did she --2 in the company got one of those and that was listed as 2 She said I was doing a good job, though. 3 one of the minimum requirements to the respondents so --3 Q That doesn't surprise me at all based upon 4 Q Everybody in the company or --4 this conversation. 5 A Everybody in the company. That was -- and 5 Do you remember her talking or having -- or 6 that was hundreds of millions of dollars as far as the 6 I'm sorry. 7 7 cost of that. But that's the, you know, that's laid out Do you remember any part of your review 8 8 there in the -- you know, in what went out to the -- you including a discussion in which she shared any 9 know, in the ITN. 9 information about the performance incentive plan as it 10 Q Right. 10 related to your review? 11 A You know, it's one of the minimum requirements 11 A I think there was a part where everybody got a 12 "meets" because part -- the level of participation and of that employee retention program. 12 13 Q And pretty much what you've described found 13 the performance incentive plan or the -- I guess the 14 its way into the package of documents that comprised 14 PUPs was going to be -- your rating was going to be a 15 your new employment agreement that was approved by the 15 board in July; correct? 16 16 Q A factor in how many performance units you 17 17 A Correct. would be able to purchase? 18 Q Had that been discussed with you before it 18 A Right. 19 happened? 19 Q Did anybody ever -- when I say "ever", after 20 July 23 --20 A No. Those were developed -- you know, I don't 21 know when or where, but pretty much as soon as the board 21 A Okay. 22 voted to approve that, all these agreements appeared, 22 Q -- the board meeting in July. 23 you know, to go forward with investigating 23 Did there come a time when anybody updated you 24 recapitalization. I think that afternoon or the next 24 on the -- on the status or progress toward implementing 25 day there were, you know, draft agreements. I think we the PUP --

15 (Pages 57 to 60)

Page 61 Page 63 1 A No. 1 public to a certain extent. You mentioned the benefits 2 2 Q -- putting it into action, so to speak? of size versus some other benefits to a public, 3 A Right. No. From my understanding, originally 3 flexibility and being somewhat nimble. 4 4 they were supposed to have it rolled out around --A Uh-huh. 5 5 whenever benefits open up. Like it was going to be part Q So with everything you've shared, and 6 of the benefits re-opening and --6 obviously you bring a massive perspective to this 7 Q At the end of -- toward the end of 2019? 7 question, but from where you sit, with what you do, the 8 A Towards the end of 2019. And -- you know, but 8 forecast that you prepare and are aware of, is it just a 9 9 matter of time before JEA needs to be sold in order to there was no update about it except that, oh, it's not 10 happening yet. 10 maximize its value to the owners who are the folks 11 that -- here in the City? Is it just a matter of time? 11 So I don't think it ever got -- it ever got to 12 the point of where it was final final, but I didn't get 12 A It could be. 13 any updates on it. 13 Q Is it necessarily just a matter of time? 14 Q I'm going to show you a document dated -- it's 14 A You know, that's a great question, and I think 15 a draft dated September 10 of '19. It's marked 15 it's kind of fundamental to the whole discussion, and, 16 Confidential. We've attached this before, so we'll just 16 you know, I think -- I think JEA's in a -- well, a 17 17 couple of things. attach this again here. 18 18 And the title of it is Invitation to So most of the discussion that I've had about 19 19 Participate in the JEA Long-Term Performance Unit Plan. privatization has been on the electric side. Certainly 20 Just ask if by any chance it ever found its way to you, 20 the main IOUs are electric. You know, we've got the 21 ever? 21 opposite on the water side. We're the scale. You know, 22 A First time I've seen it. 22 we're much larger than most other water systems. 23 23 (Exhibit Number 1 was marked for So really when you talk about the pressures 24 identification.) 24 and things, it is really just on the electric side. And 25 25 certainly the water side doesn't have the same ability Page 62 Page 64 for people to go off grid. You know, certainly people 1 BY MR. POWELL: 1 2 Q September 10th of '19, you see there? 2 can put in wells or something, but there's limits on 3 A Yeah, I see that. 3 that. There's zoning, there's DOH rules, HOAs have 4 Q Would you have suspected that at least the 4 restrictions on people putting wells in. 5 members of the senior leadership team would be kept 5 Q Then there's that whole wastewater thing. 6 abreast of progress in bringing this PUP forward into 6 A Then there's the whole wastewater thing. And 7 reality? 7 we're in the middle of trying to get rid of septic 8 8 A I would have thought so, but I'm kind of glad tanks. So putting in more just to get off the sewer 9 9 meter seems kind of counterproductive. 10 10 So the water side is very healthy and I Q So the PUP is authorized by the board on 11 July 23. You were supposed to then be getting a 11 project it to stay that way on into the future. 12 one-on-one with Mr. Zahn about it. That never happened. 12 Electric side, I think JEA's sort of in a 13 13 funny middle spot, because we're large compared to other 14 Q The weeks rocked along. You had no 14 municipal utilities, but we're small compared to the 15 information. No word on what was going on with the PUP, 15 IOUs. So I think to survive we can go either direction, either become much -- you know, much larger which would 16 and the next thing you learn is that it's been canceled. 16 17 17 A Uh-huh. require probably being acquired, or be smaller, and that Q Does that sum it up? 18 could be accomplished by divesting generation over time 18 19 A Yep. 19 and being -- you know, just purchasing power from other 20 20 people and really -- and not being our own balancing Q I did save one question I was going to ask 21 21 you. area, but being part of a larger balancing area. 22 22 And I know this is a really general question, So there's a way to stay a municipal utility 23 but you've provided a lot of foundation for -- at least 23 without necessarily being acquired. Now, whether or not 2.4 in my -- from where I sit. You've talked about, you 24 it produces the same amount of revenue to the City on an

16 (Pages 61 to 64)

annual basis, you know, that's part of what the -- I

Certified Court Reporters, Inc. (904) 356-4467

25

25

know, the differences between private utilities and

	Page 65		Page 67
1	think the ITN or the comparison process between all	1	CERTIFICATE OF REPORTER
2	the different scenarios, you know, would have or may	2	CERTIFICATE OF REPORTER
3	still answer.	3	
4	Q A complicated calculus at least.	4	STATE OF FLORIDA
5	A Yes, to say the least.	5	COUNTY OF DUVAL
6	Q Well, I appreciate your breaking that down for	6	
7	me as between the water and the energy side because I	7	
8	think that it's necessary in order to understand the	8	I, HEATHER M. THOMAS, Court Reporter and
9	question on the table and the answer that's coming out;	9	Notary Public, State of Florida, was authorized to
10	right?	10	and did stenographically report the foregoing
11	A Right, right.	11	proceedings; and that the transcript, pages 4
12	Q Okay. Mr. McInall, I really appreciate your	12	through 67, is a true and accurate record of my
13	time. It's been very informative and helpful.	13	stenographic notes.
14	I do have kind of a catch-all question because	14	I further certify that I am not a
15	the purpose of this discussion really is to determine	15	relative, or employee, or attorney, or counsel of
16	you know, for us to try to understand the last 18 months	16	any of the parties' attorney or counsel connected
17	or so in items of whether Mr. Zahn's performance merits	17	with the action, nor am I financially interested in
18	termination for cause.	18	this action.
19	A Sure.	19	DATED 44: 744 day of Lawrence 2020
20	Q So this is the kind of the point where I would	20	DATED this 7th day of January, 2020.
21	ask you, from you where you sat, what you did, what you	22	de rest /
22	have experienced, is there anything you would like to		HEATHER M. THOMAS
23	share with the board of directors as to any other	23	COURT REPORTER
24	apart from our discussion or expand on anything we've	24	COOKI KEI OKIEK
25	talked about grounds that you're aware of that would	25	
	Page 66		
1	support the termination of Mr. Zahn's contract for		
2	cause?		
3	A No, not that I'm aware of. You know, as I		
4	indicated, the our personal interactions were fairly		
5	limited. You know, I do think a lot of times his lack		
6	of experience showed, but the board of directors was		
7	certainly aware of that when they hired him.		
8	MR. POWELL: I appreciate that. And we have a		
9	wrap-up here, so that		
10	THE WITNESS: Great.		
11	MR. POWELL: will close us out.		
12	MR. LINSNER: All right. Do you have anything		
13	additional to offer or add?		
14	THE WITNESS: No, sir. Thanks.		
15	MR. LINSNER: Okay. As this is an ongoing OIG		
16	investigation and General Counsel investigation,		
17	you're being advised not to discuss the case with		
18	others. And the interview has now concluded, and		
19	the time now is 3:15 p.m.		
20	(Sworn statement concluded at 3:15 p.m.)		
21			
22			
23			
24			
25			

17 (Pages 65 to 67)

${f A}$	27:6	answered 49:6	attempts 4:21	batteries 25:10
Aaron 1:7 4:9	advance 40:24	answering 7:3	attention 54:9	39:9 40:5
39:7 49:20	advantage 44:18	anticipated	attorney 67:15	battery 27:25
54:23	advantageous	46:19	67:16	29:5 39:25
ability 19:21	20:6	anybody 7:16	attorneys 4:17	becoming 16:10
36:15 44:12	advantages	40:2 47:25	attractive 36:7	beginning 8:23
63:25	44:11,20	53:14 59:5,9	attributing 7:16	12:22
able 43:2 44:6	advised 4:20	59:12 60:19,23	August 53:8	believe 12:21
49:23 60:17	66:17	apart 65:24	authorized 4:19	13:3,5 29:20
abreast 62:6	afield 6:12	apologize 56:3	62:10 67:9	49:13
access 29:1	afternoon 5:19	apparently 41:2	available 57:11	benefits 61:5,6
accommodate	58:24	APPEARAN	aware 5:25 8:1	63:1,2
47:2	aggressive 27:4	2:1,6	17:11 63:8	benign 16:22
accommodated	29:24 41:15	appeared 58:22	65:25 66:3,7	best 6:25 12:3
21:16	ago 14:19 33:4	application		34:24 37:16
accomplished	42:21,21	37:10 45:8	B	bestowed 51:23
64:18	agree 29:21 35:3	appreciate 5:21	back 8:23 12:10	better 52:16
account 25:20	47:25 54:6	7:19,24 8:2	13:20,25 14:4	beyond 8:8
accounted 32:21	agreement 1:7	65:6,12 66:8	15:19 16:17,19	48:23
accurate 67:12	16:12,25 33:15	approach 44:6	17:10,19 18:6	big 10:6,14 15:3
acquire 25:2	58:15	approaching	18:16 19:1	15:3 20:1
acquired 43:18	agreements	40:1	21:4,9 28:1	21:11 23:3
43:19 64:17,23	17:24 19:24	approve 58:22	31:14 33:2,4,5	26:10 37:3,22
acquiring 11:25	57:21 58:22,25	approved 58:15	33:19 34:20	44:13 48:19
acquisitions	Aguero 12:24,24	April 9:4 17:6	38:2 39:2,3	56:3
43:20	ahead 25:15	23:8,11,14	40:25 44:25	billion 9:10
action 6:17 61:2	40:16 41:10	32:12 49:1	47:3,18 48:16	bills 24:23
67:17,18	air 47:8 56:22	53:8	48:21 50:23	bit 28:24 33:3
activities 43:17	Alabama 43:23	area 64:21,21	59:1	blend 49:16
actual 47:9	alignment 23:17	areas 7:10 9:22	background 6:2	blended 24:19
add 11:19 46:25	allowed 33:12	articles 41:9	6:13	blur 23:15
47:1 66:13	alternative 57:1	aside 45:3	bad 25:6	board 6:5 8:5,7
added 20:20	amount 24:23	asked 6:3 18:11	baked 17:1	44:12 50:19
28:4	28:5 36:10	asking 7:1 43:14	balance 27:12	58:16,21 60:22
additional 10:15	46:1 64:24	assemble 49:24	balancing 64:20	62:10 65:23
66:13	amounts 28:3	assessment 27:2	64:21	66:6
address 32:8	analysis 29:1	asset 40:6	barely 34:17	bonus 57:25
36:15 45:25	Analytics 31:24	assignment 6:5	base 30:18 38:3	boss 12:21 13:7
addressed 44:23	Anders 10:25	assistant 56:4	based 27:15	21:21
addressing	11:3 12:24	assisting 4:8	28:3 31:19	bought 33:25
25:22	animal 46:4	associated 49:24	32:1 38:3 60:3	44:2
adequate 31:16	annual 64:25	assume 32:2	basically 9:19	bounce 12:7
adjust 34:9	annually 31:13	assuming 49:23	10:12 12:22	brakes 39:5 45:2
adjustment	answer 6:3,15	assumptions	16:24 20:9	Branch 10:7,13
45:11	7:1 33:22 48:9	31:19,20	46:21	32:21 34:1
administer 4:19	55:9 56:6 65:3	attach 61:17	basis 37:3,10	Brandy 10:7,13
adoption 25:18	65:9	attached 61:16	64:25	32:20 34:1
				ĺ

				Page 2
break 26:13	capita 33:10	16:18,21 18:19	24:1 40:19	61:16
breaking 65:6	capital 9:10	19:7 21:6 24:1	65:9	connected 67:16
Briefly 59:22	17:25 18:1	29:18 45:24	commensurate	connection 6:4
bring 27:23 43:3	57:10,10	charge 24:15,17	28:4	consent 5:5
45:17,21 63:6	carbon 35:18	24:18,20 50:20	commercial 9:2	consider 11:9
bringing 62:6	56:25	cheap 20:3	Commission	23:18
broken 14:14	care 30:22 33:1	cheaper 20:3	31:5,13 37:11	consolidation
20:16	careful 6:24	40:5,8	44:13	42:25
Brost 12:22	carefully 25:21	cheat 8:10 9:5	commissioned	construction
21:21	Caren 9:25	checking 56:5	4:18	18:14 20:1
brought 5:23	12:20,24 13:1	checks 56:4	commitment	47:16,17
13:2 54:17	13:8 22:7	chief 13:3,5	18:14	consultants
budgeting 10:2	Caren's 13:12	chronological	companies 44:2	40:21
budgets 45:11	Carolinas 43:21	12:4	company 43:10	consumption
build 20:4 48:2	case 37:4 46:25	circles 19:22	43:23 57:9	33:11 42:13
building 19:24	54:18 66:17	City 2:1 4:3,6	58:2,4,5	55:4
built 33:7,7 40:7	cash 19:17	63:11 64:24	compare 32:5	contract 6:9
bunch 31:24	catch 33:21	clear 6:21 51:16	compared 34:16	15:18 16:12
business 9:3	catch-all 65:14	54:11	64:13,14	17:2,9,10,20
11:10,12,13,20	cause 6:9 7:23	clearly 26:24	comparison	17:21 18:13
30:7 52:15	65:18 66:2	clients 9:19	65:1	19:15,19 21:9
54:10	center 56:13	close 33:12,24	complete 19:14	66:1
buy 36:8 52:8,19	CEO 4:9 6:6	47:21 54:17	19:19	contracts 16:11
buyback 18:9,22	14:1 39:13	66:11	completed 24:6	16:14,16 18:6
21:13	54:6	closely 55:15	24:11,12 32:20	18:16 19:7
buyout 16:23	certain 63:1	closing 57:25	completely 6:15	24:14
	certainly 6:19	closure 47:9,11	46:4	contrary 39:14
C	28:15 31:1	cloud 35:4	complicated	39:16
calculus 65:4	47:21 63:19,25	cloudy 27:15	20:22,23 65:4	control 57:8
calendar 22:15	64:1 66:7	coal 33:14,22	comprised	conversation
53:12	CERTIFICA	35:11,13 36:4	58:14	60:4
Calhoun 10:25	3:7 67:1	code 51:17	concept 29:4	cooling 46:20,22
11:5	certify 67:14	combined 10:14	concepts 27:18	46:25 47:2,3
California 25:16	CFO 13:24,25	10:18 35:10	concern 40:1	core 11:13
41:11,12	challenge 36:19	37:6,9 39:8	concerns 53:18	corporate 13:21
call 11:14 26:1	36:19	40:4 45:7,9	concerted 27:8	14:2 43:12
27:18 46:8	challenged	46:11,12,14	conclude 8:9	corporation
47:24	19:10	come 12:11	concluded 66:18	48:7
called 26:18	challenges 44:21	14:15 15:2	66:20	correct 6:1 8:13
31:6	chance 7:1	16:3 22:5	conclusion	8:20 9:11
calling 30:1	34:24 61:20	33:19 38:12	55:19,20	17:15 22:21,22
calls 54:1	change 21:3	44:24 55:10	conducted 4:2	22:25 23:6
canceled 62:16	30:10 34:18	60:23	conference	51:18,19 58:16
capacity 27:18	57:8	comes 16:7	56:12	58:17
27:19,24 28:6	changed 20:20	30:20 38:14	confidence	cost 9:15 10:16
35:3,7,7,22	59:2	52:11	52:15,19	20:14,18 21:1
36:2,16,18	changes 4:16	coming 5:21	Confidential	24:18 25:9
			l	

29:6 58:7	data 15:18,19	51:10	disjointed 7:3	Dykes 13:5,19
cost-effective	21:25 31:23	determine 6:7	disruptive 25:18	23:5 51:9
10:14 28:8	39:18 41:7	65:15	distinguishing	23.3 31.9
costing 25:2	date 1:16 23:11	determined	53:7	E
counsel 1:18 2:2	49:23 59:14	11:25	diversify 43:3	E 3:1
4:2,8 5:20	dated 61:14,15	determines 32:4	divesting 64:18	earlier 29:24
66:16 67:15,16	67:20	develop 10:2	doable 27:7	38:2
count 27:17 28:6	dates 22:19	24:20 25:22	29:12	early 17:4 23:8
counter 39:19	Davis 18:17	developed 58:20	document 26:10	30:3 36:8
39:23	day 27:16,21	developed 38.20 developer 21:1	31:6 37:14	easily 21:16
counterprodu	29:16 30:17	43:5	38:19,20 45:14	East 2:8
64:9	54:2 58:25	developers 9:21	61:14	echelon 22:25
country 43:5	67:20	development	documents	23:1
COUNTY 67:5	day-to-day	9:9 43:16	30:25 49:24	economics 55:7
couple 14:22	54:10	difference 30:9	50:1 58:14	economy 31:23
39:6 45:10	days 48:21	37:23 38:6	DOH 64:3	38:4,4 44:3
59:2,2 63:17	days 48:21 deal 21:5,17	differences	doing 11:23 15:9	EDF 16:11,18
course 7:9 43:22	36:13	62:25	60:2	17:9,22 18:11
48:17	December 17:3	different 10:12	dollar 9:10	19:14,20 20:4
court 1:21 6:23	decide 30:6	31:24 38:3	dollars 58:6	24:14
67:8,23	decided 55:16	44:10 45:25	doomed 42:3	educating 15:20
cover 7:11	decision 33:24	46:3,4 49:15	doomed 42.3 dozen 54:22	effectively 33:17
covered 11:8	37:4 40:14	56:17 65:2	draft 58:25	37:8
created 13:7	47:8,8	difficulty 19:16	61:15	efficiency 33:10
	47.8,8 declined 31:21	direct 6:17	dramatic 24:4,7	efficient 7:14
creating 12:14 creative 42:9	decrease 24:4,7	direction 64:15	,	10:16 12:8
credit 19:21,25		directly 21:17	drastically 33:11 44:9	effort 25:20 27:8
20:13	decreasing 24:16	director 8:18	draw 37:24	45:3
critical 41:23	definitely 49:18	17:6,7,14	drawing 55:19	efforts 28:24
	definitely 49:18 degree 16:19	directors 6:5 8:8	drive-bys 54:24	eight 41:20
currently 9:8 curve 40:17	delivered 17:24	22:7,8 56:1,10	Driven 46:10	43:19 57:2
	denvered 17:24 demand 46:5	· · · · · · · · · · · · · · · · · · ·		either 6:16
customer 11:13		65:23 66:6	driving 35:10 42:13 46:17	25:11 42:6
24:16,18,21,22	demonstrate 31:15 37:16	disappointed 13:12		47:6 51:10
25:17 29:5 30:18		= :	dropped 33:11 dropping 36:9	53:2 64:15,16
customers 25:9	department 8:19	disclosure 5:10 discuss 66:17	dropping 36:9 drops 32:6	elaborate 12:17
25:11 31:17		discussed 13:4	drops 32:0 drove 29:7	electric 8:18
	Deryle 9:25 12:20	50:1 58:18		10:5,9 12:20
cycle 10:14,18	described 11:1	discussion 36:24	Dually 56:22 due 32:12	13:23 14:3
35:10 37:6,9 39:8 40:4 45:7	58:13			63:19,20,24
		45:20 49:10,18	Duke 13:13,14 43:18	64:12
45:9 46:11,12 46:14	description 10:24	50:4,15 51:11 51:22 52:25		elements 20:25
40.14			duly 5:15	21:12 59:13
	deserved 19:6	57:3 60:8	duplication 26:23	emails 22:15
D 3:1	design 10:2	63:15,18 65:15		emergency
damages 19:13	detach 25:12	65:24	dust 28:23	14:18 44:16
GG111G2 C5 1 7.1.)	detail 29:14	discussions	Duval 1:18 2:3	
19:14,16 20:8	details 49:22	47:22 50:6	67:5	employed 4:5

employee 52:22	excess 34:10	49:17 50:17	42:21	friendly 17:25
58:12 67:15	exchange 57:14	57:20,22 58:6	five-year 30:8	front 19:18
employees 51:23	Exhibit 61:23	farm 24:5,10	fix 6:20	fuel 38:6 46:6
57:11	exhibits 3:11	farms 16:12	FL 2:3,8	full 40:11
employment 1:7	17:19	18:2	flat 34:17	function 14:5
6:8 57:24	exist 6:8	fast 35:14	flexibility 63:3	functions 14:12
58:15	existing 35:19	faucet 30:21	flexible 34:21	fund 57:12
ended 33:9 34:7	exists 7:22	fear 40:10	35:13 36:4	fundamental
ends 20:6	expand 44:8	federal 19:25	flip 30:20	63:15
energy 8:12 9:9	65:24	feeding 15:18,22	floor 48:14	funny 64:13
9:18 11:4 13:2	expectations	16:4	Florida 1:19	further 25:15
13:13 17:24	15:9	feel 32:16,18	4:19 5:11	28:7 67:14
25:4 27:19,21	expedite 7:18	felt 29:22 47:8	43:21 56:12	future 9:20 29:4
28:4 30:18	expensive 28:7	FEMA 44:17	67:4,9	29:11 64:11
33:10 43:4	40:7	fewer 42:15,20	flow 47:6	
54:16 65:7	experience 66:6	figure 32:7	flush 30:21	G
engineering	experienced	figured 20:13	focus 6:11,14	gap 32:8,23,25
37:22	65:22	filed 32:10,15	54:5	Garrity 5:24
entire 10:13	expert 22:4	fill 32:23 34:3	focused 14:7,8	gas 35:8 38:4,5,7
entity 27:10	experts 56:20,20	filled 37:9	folks 63:10	38:8 40:4 46:6
44:8	56:22	final 18:19	follows 5:16	general 1:18 2:2
environmental	explain 18:21	61:12,12	forecast 30:25	2:6 4:2,6,7,8
35:18	51:3 59:5	finalists 12:23	37:25 38:1,3,3	5:20 11:4,5
equal 29:5	explaining 46:2	finalize 16:10	63:8	13:1 15:11
era 48:25	expressed 52:9	finally 20:9 26:4	forecasting 9:21	43:1 62:22
especially 35:18	53:17	finance 13:22	foregoing 67:10	66:16
44:9	extent 63:1	financially	forever 45:19	General's 4:22
ESQUIRE 2:2	extra 47:19	67:17	form 5:24 57:12	General-City
essentially 21:5		find 55:1	former 4:9	2:7
39:14	F	finding 22:5	Forsyth 2:8	generally 16:22
establish 18:11	facility 16:25	findings 15:13	forth 16:17	generated 30:25
estate 11:20,23	fact 34:18	fine-tune 22:5	forward 31:15	40:20,21
11:24,25 13:24	factor 24:9,13	finger 56:21	31:22 34:12	generation
evaluated 10:11	60:15,16	finish 19:20	45:15 58:23	10:15,16 13:9
evaluation 10:9	failed 19:14	firm 37:22	62:6	24:20,25 31:16
event 53:3 57:8	fair 46:1 55:18	first 5:15 7:13	found 19:20	32:4,5,6,22
57:9	55:19,20	15:17,17 16:6	58:13 61:20	33:6 37:9 38:8
everybody	fairly 16:22	22:1 23:14,15	foundation	64:18
30:17 49:21	56:15 66:4	24:5,10 28:2	62:23	Georgia 43:23
58:1,4,5 60:11	false 4:20	37:14 48:3,13	four-year 47:16	getting 13:12
Everybody's	familiar 18:19	49:4 50:11	FPL 33:15 36:7	15:14 21:25
16:4	far 6:12 10:6	61:22	43:10,24	40:24 43:15
exactly 16:1	16:20,21 17:10	fiscal 59:16,21	frame 41:19	62:11
34:15	17:19 25:15	fit 36:24	42:4 47:10	give 6:25 47:19
EXAMINATI	27:4,5,19	fits 53:15	49:9	59:24
3:5 5:17	34:19 37:25	five 8:22 16:11	free 59:8,10	given 12:8 27:21
	46:5 48:5 49:4	21:12 41:19	fresh 23:21	33:19 47:21
Excellent 48:12	70.5 70.5 77.7	21.12 41.19	11 6511 23.21	00119 17121

	l	l	1	l
gives 19:25	44:8	34:25	idea 13:18	24:2 41:9 43:1
giving 16:23	grab 26:13	hard 18:12 21:4	identification	43:2
glad 62:8	great 48:1 63:14	39:13 53:7,23	3:12 61:24	information
gleanable 28:24	66:10	hard-pressed	identified 7:10	6:15 7:16,22
go 7:24 12:4	Greenland	27:7,9,11	10:12 29:9	8:7,17 15:18
14:24 18:16	10:19	Hawaii 25:16	identifies 9:20	17:5 28:25
21:4 26:13	grid 25:13 29:3	41:11	identify 7:22	37:24 39:25
29:13 33:4	30:1 64:1	Hawaii's 41:12	9:22 10:1 37:8	51:8,14 60:9
44:13 47:18	ground 19:19	head 19:2 34:20	ill-equipped	62:15
48:21 49:22	20:9	headquarters	36:22	informative
58:23 59:10	grounds 6:7,8	21:14	immediate	65:13
64:1,15	65:25	healthy 64:10	24:22	informed 50:8
goal 30:17	group 9:19 10:3	hear 34:5 48:10	impact 24:22	51:20
goal's 34:21	10:10 11:16	50:11	25:16	infrastructure
goals 27:9,11	21:19 22:6	heard 12:9	impacting 21:2	10:20
goes 13:20 31:4	23:3,4 53:20	42:22 50:16,25	implementation	innovation 13:3
31:13	53:21 54:21	51:1 52:9	10:3	input 15:16 28:4
going 7:11,15	56:15	hearing 44:16	implementing	inquire 6:6 7:25
9:22 12:4	groups 11:17	heat 47:3,7	60:24	Inspector 2:6,7
14:20 19:3	22:4	Heather 1:21	important 43:13	4:6,7,22
23:22 25:10	growing 33:5	67:8,22	impression 54:4	installers 11:15
28:8,9,23 30:7	grown 31:21	help 7:4 13:8	in-house 37:21	intake 46:20,22
31:22 32:2,8	growth 9:22	31:10 50:1	incentive 49:11	integral 11:18
33:18 35:2	32:2 34:15	helped 18:17	50:7,21,24	11:21
38:2,7 39:12	guess 19:9 24:11	helpful 65:13	51:6,11 57:12	integrated 31:8
40:17 41:18,24	42:6 60:13	Herschel 59:19	60:9,13	37:1,21 38:1
44:5 45:15,16	Gulf 43:24	hey 54:24	included 26:21	intensive 37:19
45:23 46:4,7	guys 54:25 55:5	high 38:4,7	56:9	interactions
48:3,5,8 50:8		higher 25:17,22	includes 24:12	16:5,9 54:22
51:22 52:15,19	H	26:1,5	including 60:8	66:4
52:23 56:23	half 15:17 34:16	hire 20:7,11	incompatible	interchangeable
59:12 60:14,14	46:23,23 47:6	hired 66:7	14:10	50:10
61:5,14 62:15	47:7 54:22	history 48:19	incorporating	interconnection
62:20	hallway 54:24	HOAs 64:3	16:20	20:19
going-on 56:3	hand 4:24 12:14	Hobson 53:17	increase 24:23	interest 7:10
good 5:19 7:5	53:14	hold 45:13	Indiana 43:22	interested 36:9
14:20,22 25:7	handle 36:22	holding 19:6	indicate 35:20	67:17
28:25 29:10	happen 35:2	hook 18:2,2	40:19	interim 17:6
32:17,18 34:24	41:17,18,25	hopefully 7:14	indicated 42:1	49:2
36:10,13 37:25	57:17	horizon 35:4	49:20 66:4	intermediary
38:3 42:17	happened 14:19	hour 24:16	indicates 8:17	21:18
47:7 48:9	49:22 51:3	hours 44:17	indications	internal 27:1
52:20 60:2	58:19 62:12	housing 31:23	40:25	interplay 53:1
gotten 54:4	happening 25:8	huge 28:3	individually	interview 4:1,21
government	46:19 49:15	hundreds 58:6	49:21 51:13	5:9 66:18
19:25	61:10		inducements 5:4	interviewed
government-o	happens 34:23	I	industry 23:21	4:14
80,011111101111-0			23.21	1,1
	<u> </u>	<u> </u>	<u> </u>	<u> </u>

intorviouving	Jax 24:9	63:15 64:9	53:6,11,15,17	light 30:20
interviewing	JEA 1:7 4:10		, , ,	0
4:17		65:14,20	53:17,18,19,24	limited 66:5
investigate 6:6	6:5,7,14 8:8,19	kinds 18:5 46:7	54:1,19,23,24	limits 64:2
50:21	9:1 11:10	know 7:11 10:21	54:25 55:2,6,8	line 45:21
investigating	15:13 25:2	10:22 11:19	55:8,10,17	lines 7:19 11:10
58:23	27:9 28:21	12:13,20 13:4	57:1,21,22,24	11:12
investigation	29:17 35:4	13:7,8,11,15	58:1,7,8,9,11	lining 14:25
4:9,15,22	36:21 42:3	15:13,14 16:8	58:20,21,23,25	Linsner 2:7 4:1
66:16,16	45:14 47:23	16:17,20,23,25	59:8,8,11,24	4:5,13 5:3,8,13
Investigator 2:7	48:15 54:10	17:20,25 18:12	61:8 62:22,25	66:12,15
4:5	61:19 63:9	18:15,23 19:2	63:14,16,20,21	liquidated 19:13
investor-owned	JEA's 9:8 63:16	19:4,5,5,7 20:2	64:1,16,19,25	19:14,16 20:8
42:23,24	64:12	20:15,22 21:14	65:2,16 66:3,5	listed 58:2
Invitation 3:13	job 12:11 13:1	22:12,14,15	known 6:16	little 5:23 6:2,12
61:18	13:12 15:23	23:22,23,24		7:14 8:10,15
involved 15:22	16:3 30:14	24:2,4 25:7,10	lack 66:5	28:23 33:3
17:9,10 28:13	60:2	25:11,14,21,24	laid 58:7	40:16 49:14
28:16 56:15	Johns 33:13	25:24 26:1,16	land 18:4	54:9
IOPs 42:23	Julie 18:17	26:24 27:6,8	large 22:23 44:2	load 47:7
IOU 44:1	Julio 12:24,24	27:13,20 28:3	44:5 54:21	long 7:2 8:14,21
IOUs 42:24	13:2	28:5,8,14,15	64:13	15:3 28:10
44:18 63:20	July 49:9,13	29:7,9,10,12		40:11 52:16
64:15	58:16 60:20,22	29:15,19 30:2	larger 43:2 56:15 63:22	long-term 3:13
IRP 31:6 36:24	62:11	30:5,6,9 31:18		9:8 14:12 30:4
37:1,3,7,13	June 49:9 53:8	31:19 33:2,6	64:16,21	41:21 49:11
38:14,16,18	K	34:15,18,19,22	largest 43:4 late 16:1 22:14	50:7,15,21,24
39:19,20 45:2	keep 53:23	35:9,12,12,21	Law 5:10	51:6,11 61:19
45:8,12,17,21	-	36:4,5 37:18	laws 5:11	longer 14:7
46:3,8,13	keeping 7:24 14:8	37:23,25 38:5	laws 5.11 lawyer 59:9	46:11
47:20	kept 15:20 25:10	38:10,11 40:2	LDs 21:13	look 8:1,4 9:18
issue 30:11 49:4	55:9 62:5	40:5,9,17,20	leadership 8:11	18:16 22:11,15
issues 14:15	Kerri 11:13	40:20,22,24	22:21,24,25	23:21 25:14
27:13 35:16	kilowatt 24:16	41:8,9,10,11		26:23 30:16
39:23 44:10	kind 11:16 13:8	41:14,16,23,24	52:14,18 62:5 learn 52:3 62:16	31:14,14,20,22
items 65:17	13:20 14:4	41:25 42:3,8,9	learned 22:23	34:12 38:8,25
ITN 26:17,18	15:14,20 18:13	42:10,13 43:16	leaving 34:2	41:10 42:19
58:9 65:1	21:15,20 22:15	43:18,19,21,22	lengthy 16:13	45:23 48:19
J	23:15,20,22	44:7,7,15,17	Let's 30:11	49:25 52:8,20
$\frac{\mathbf{J}}{\mathbf{J}}$ 2:2	25:13,20,22	44:20,21 45:11	level 25:22 29:5	54:25 55:5
Jacksonville	29:7 30:5	45:12,18,19	52:15 60:12	59:10
1:19 2:1,3,7,8	31:20 34:20	46:1,6,16,25	levels 25:17 26:1	looked 22:16
4:3,7	35:20 36:5	47:2,6,21,21	26:5 27:5	33:6
January 1:16	38:12 40:22	47:23,24 48:4	28:18	looking 10:18,23
4:3 12:10,23	47:7 49:16,21	48:6,7,8,8,17	licensed 45:7	18:24 19:13
4:3 12:10,23 15:2 17:4	56:5 57:4	49:18 50:22,24	licensing 37:15	20:8 21:23
67:20	59:23 62:8	50:25 51:13	39:9	26:5 30:4 37:4
07.20	39.23 02.0	52:5,6,7,12	37.7	38:11 40:12
			l	l

				Page /
59:6	53:25 63:9,11	39:12 59:19,20	64:22	45:9 46:19
looks 22:13 30:2	63:13	Melissa's 54:12	municipally	48:2,7 58:15
38:23	matters 43:2	member 22:21	53:16	NextEra 43:4,8
lose 13:11	maximize 63:10	members 62:5		43:9,25
lost 19:21 56:6	McElroy 13:25	mentioned 19:8	N	nimble 63:3
lot 9:14,14,15,20	48:21	21:24 32:21	N 3:1	nominal 17:20
10:21 17:19,19	McInall 1:14 3:3	39:12 63:1	narrow 36:6	North 56:12
19:3 25:16,24	4:11,12,13,25	merits 65:17	natural 35:8	Northside 35:8
26:22,23 28:13	5:14,19 65:12	meter 11:14	38:4,5,7,8	35:11 36:1
28:16 35:16,17	McKinsey 15:10	64:9	nature 5:4	37:5 46:18,21
37:19,24 39:7	15:12,16,17,22	mid 16:2 30:3	near-term 14:15	46:22,23 47:11
42:20,25 57:10	15:25 16:4	mid-January	necessarily	Notary 4:18
59:23,24 62:23	21:24,25 22:2	8:15	45:24 63:13	67:9
66:5	23:17,19 25:20	middle 19:19	64:23	note 44:24
low 38:4,9	26:4,10,21,22	20:9 64:7,13	necessary 65:8	noted 56:23
lower 23:1 47:4	26:24,25 27:2	Mike 12:21	need 6:12,24	notes 67:13
	28:2,10,24	21:21 38:25	10:1 27:21	notified 4:16
M	29:16 30:11	million 10:17,19	30:9,19 32:5,7	November 17:8
M 1:21 67:8,22	40:22,25 41:2	17:20,21 20:2	33:23 35:20	nuclear 9:2
macro 39:24	41:6 45:3,21	20:2,3,15,17	36:1 37:8,10	number 3:13
main 31:25	46:3 55:16	20:20,21	37:17,17 39:11	7:10 30:24
37:23 41:16,16	56:16,19	millions 58:6	44:16 45:8,12	53:6 61:23
63:20	mean 8:3 9:17	mind 7:24 11:8	45:12 46:11,13	
making 33:17	23:2 24:7,15	16:7 56:7	46:17,17 47:20	0
39:13 44:24	32:18 42:4,19	minimum 58:3	48:2	oaths 4:20
management	49:16	58:11	needed 9:23	observation
26:11,14,19	means 28:6	Mississippi	29:17 33:21	6:16
manager 9:3	meet 27:7,9,11	43:24	38:13 59:9	obsolete 40:15
11:4,5 13:1	meeting 23:7	model 30:7 55:2	needing 39:8	obstruct 4:21
managers 56:1	49:21,22 51:2	55:10	needs 9:20 12:1	obtain 5:5 29:6
56:10,10	52:5 53:25	modifications	27:24 31:17	obtained 28:20
managing 17:6	60:22	44:17	63:9	28:21
17:7,14	meetings 22:3	moment 54:3	negotiate 20:23	obviously 6:12
manpower	23:9 49:15,25	money 9:15 18:3	negotiated	57:9 63:6
35:16	50:14 51:15	19:19 28:13	16:14,17 20:9	odd 53:19
March 32:11	53:6,9 54:21	month 26:8 49:2	21:3	off-site 23:7
marked 3:12	55:23,23 56:14	55:4	negotiations	55:22,23,25
61:15,23	57:7	months 16:6	17:18	56:9 57:6
market 29:1,1	meets 59:22	49:3 65:16	Netflix 55:2	off-sites 49:12
32:24 33:25	60:12	Moody's 31:24	never 13:4 49:22	offer 22:20 36:7
34:4	megawatt-hour	move 6:18 21:25	51:3 55:10	66:13
marketplace	20:6	moved 14:1	62:12	office 1:18 2:2,6
33:2	megawatts	moving 57:10	new 9:22 10:1,6	2:7 4:2,6,7,8
massive 63:6	24:11,12 32:22	multiple 46:5	10:18 11:22,24	4:22 5:20 7:22
match 46:7	33:14,20,22,25	muni 44:5	12:11,12 13:7	18:12,15,17
matter 22:4	34:2,3	municipal 29:12	32:22 35:10	21:14,23
51:10 52:10	Melissa 13:5	44:11,22 64:14	37:5,5,9 38:8	office's 6:4
Ī				

officer 13:3,6	16:23 18:9	60:7,11,12	person's 14:11	player 52:8,10
OGC's 18:17	21:13 55:6	61:5 64:21,25	personal 66:4	players 8:10
oh 19:12 26:24	order 5:5 12:4	Participate Participate	perspective 63:6	please 4:20,24
36:20 41:24	29:18 45:21	61:19	petcoke 35:11	6:19
61:9	63:9 65:8	Participate/JEA	phone 54:1	plus 29:5
Ohio 43:22	orientation 6:13	3:13	phrase 33:21	point 12:9,12
OIG 66:15	originally 18:8	participation	picture 15:3	14:2 16:19
oil 35:8	61:3	60:12	piece 11:18 20:1	18:1 25:10
okay 5:3,13 6:2	outcomes 29:21	parties' 67:16	pitch 52:4	30:3 35:17
6:10,22 7:4,9	46:24	parts 43:21	PLACE 1:18	38:2 41:21
9:7,16 12:6,17	outline 13:18	party 20:7	places 25:15,17	43:12 46:17
22:13 23:7	outlook 42:16	passed 20:5	31:24 39:25	47:1 48:9 50:7
25:1 30:13	outside 21:22	Paul 13:25 14:1	41:10	50:11 51:21
31:12 32:2	54:20,20	pay 17:24 20:17	plan 3:13 10:21	52:12 55:7
36:13 38:22	overall 11:18	20:18 55:4	15:12 25:22	61:12 65:20
42:16 43:11	15:12 23:16,19	57:11,23	30:9,14 31:1,8	Ponte 23:8,10
49:10,14 54:4	overseeing 9:9	payable 19:17	31:9,12 32:9	49:13,15,25
55:12 56:22,24	overstated 34:7	57:25	32:16,19 34:22	50:14 51:14
57:6 60:21	owe 19:18	payback 40:11	34:23,24,24	52:5 53:5,6,9
65:12 66:15	owned 33:16,16	paying 19:17	37:2,12,20	55:24
old 11:25	53:16	payout 57:24	38:1,2 45:15	poor 38:4
one-on-one 50:4	owners 63:10	penciled 55:6	46:2 49:11	pop 53:25
54:22 62:12	ownership	people 9:24 14:7	50:7,8,16,22	popped 53:13,24
one-year 57:24	52:22	14:17 23:17	51:11,18 52:22	pops 27:15
ones 7:15 21:15		46:2 52:7 55:2	57:12 60:9,13	portfolio 9:12
23:16 40:20	P	56:18 57:4	61:19	26:2 43:16
44:2	p.m 1:17,17 4:4	64:1,1,4,20	planner 54:15	portion 36:8,9
ongoing 66:15	66:19,20	percent 19:25	54:16	position 8:21
open 18:14 61:5	package 58:14	20:10,11,13,14	planners 33:5	12:12,15 13:7
operate 35:15	pages 67:11	20:21 32:3	planning 8:12	13:19 15:7
40:7	paid 36:10	33:5,9,16,17	8:19 9:8 10:10	21:25 22:20
operating 13:5	par 24:25	33:18 34:16,17	10:11 12:19,20	possibly 41:17
14:9	parameters	perception	13:21,23,23	Post 48:18
operations 9:24	38:12	55:21	14:2,5,15,18	potential 21:1
10:4 11:14,20	parent 43:10	performance	30:4,5 37:13	46:24 47:22
14:7 43:13	parity 29:3 30:1	50:12,16 51:17	40:10 41:21	48:5
opinion 41:5	40:1	51:22 59:15	45:14 54:6	potentially
42:2	park 33:13,13	60:9,13,16	55:15	25:12
opportunity	33:20,25 35:23	61:19 65:17	plans 9:14 37:20	Powell 2:2 3:6
29:14	35:24 36:3	period 30:8 32:4	37:22 50:21,25	4:18 5:18,20
opposed 44:12	part 10:9 11:19	47:17,17 52:17	51:6	62:1 66:8,11
opposite 63:21	12:1 14:6	permanent 17:7	plant 10:13 20:2	power 9:15 10:6
optimal 34:23	26:15,15 28:16	17:14	40:4 48:2	16:12,24 17:23
37:18	35:7,15 36:11	permitted 37:12	plants 9:15,15	19:23 24:19
option 16:23	36:11 39:9	permitting	10:1,6,21	27:14,20,22
40:5,8 47:5	42:12 44:22	37:14 47:17	35:11,13 42:15	29:6 33:12,13
options 10:12	52:2,4 57:21	person 40:3,3	played 11:1	33:14,20,20,25

35:23,24 36:3	pricing 24:5,8	31:19,22 34:19	46:13,15	ready 7:8 17:13
37:10 43:23,23	principal 11:10	46:6	pushes 27:25	real 11:20,23,24
43:24,24 45:8	prior 18:3 51:5	projects 29:10	28:7 45:10	11:25 13:23
48:2,6 64:19	private 13:16	promises 5:3	pushing 16:19	reality 62:7
PPA 16:24	42:18,20 52:21	pronounced	19:1	realize 48:18
precise 54:3	62:25	4:11	put 10:20 23:2	really 6:11
preconceptions	privatization	proposition	25:9 30:11	11:11,13 13:20
23:22	48:14 53:2	29:17	38:8,9 40:3	14:4 15:10
preferentially	63:19	prosecution	45:1 56:18	19:5,6 20:13
38:10	probably 12:7	4:23	64:2	20:23 21:1
preliminary	13:10 16:8	provide 55:3	putting 61:2	22:3 27:24
10:2	17:20 18:15,18	provided 51:8	64:4,8	29:13 33:8
prematurely	23:14 28:7,23	62:23	puzzle 11:18	35:15 37:13,18
40:15	29:3 35:21	providing 15:16		37:22 39:13
premium 24:25	42:7 43:14	provisions 18:22	Q	44:6 45:7
prepare 63:8	50:3 64:17	PSC 31:16 32:11	qualified 13:14	46:16 59:7
present 53:22	problem 56:8	48:1	20:12	62:22 63:23,24
presentation	proceedings	public 4:18 5:9	question 6:19	64:20 65:12,15
26:11,14,19	67:11	5:10 27:10	28:10 62:20,22	realm 30:5
presentations	process 16:13	31:5,13 36:22	63:7,14 65:9	54:23
41:9	26:18 28:10,21	37:11 39:7,10	65:14	reason 23:13
presented 13:19	37:15,15 39:10	42:2,17 44:13	questions 6:4,18	27:11 45:5,7
presenting	65:1	63:1,2 67:9	7:3,6	reasons 19:23
26:15	processes 7:17	pull 31:23	quickly 44:14	39:6
president 8:12	procurement	PUP 50:8,22	quite 17:18	recall 22:20 23:7
11:4	16:13	51:3,12,18	24:24 35:6	49:4 50:18
pressure 45:6	produce 27:20	53:2 60:25	quotes 56:21,22	52:6 55:22
pressures 35:18	27:22 45:15	62:6,10,15		56:11 59:12
35:19 44:15	produced 5:15	PUPs 52:11	R	recapitalization
63:23	31:12 37:7	60:14	radical 29:17	47:23 48:15
pretty 9:12	producer 43:5	purchase 16:24	raise 4:24	53:3 57:8
10:22 11:22	produces 64:24	17:23 19:23	raising 53:14	58:24
19:4 20:1	producing 42:14	25:12 46:11	ran 39:19	recession 33:10
21:10,10 32:17	product 26:20	60:17	randomly 27:15	recollection
32:18 34:14	27:1,3	purchased	54:1	57:14
36:6,7,8,10	production 8:19	16:12 51:24	range 34:25	recommendat
48:16 49:19	10:10	purchases 32:24	35:15 36:6	27:5
54:11 58:13,21	products 25:25	purchasing 18:3	38:11 57:2	record 6:21
previous 12:21	program 9:10	52:11 64:19	rate 31:20 32:3	51:16 56:20
21:21	58:12	purpose 31:15	34:15 44:15,16	67:12
previously	progress 60:24	32:8 65:15	rates 42:10	recorded 4:1 5:9
12:19	62:6	pursuant 5:10	44:12	Records 5:10
price 10:22 20:6	project 10:3,17	pursue 57:5	rating 60:14	redlines 18:18
21:2,3 27:25	64:11	purview 12:2	ratings 59:25	reduce 27:24
46:6	projection 32:2	54:12	rationale 14:6	referred 42:23
prices 38:4,5,6,7	34:6	push 18:6 19:9	re-opening 61:6	50:5
46:6	projections 29:8	pushed 21:8,9	read 16:16 30:2	referring 26:20
			readers 11:15	
			•	-

				Page 10
50:14	requests 15:19	7:6 11:7 14:14	save 62:20	sewer 64:8
reflect 20:21	require 64:17	14:25 15:4,6	savings 20:5	share 8:7 16:6
56:20	requirement	16:3 17:5,16	saw 22:1	65:23
reflecting 20:10	10:20 37:2	20:2 21:6 23:2	saving 25:2 34:6	shared 60:8 63:5
refresh 45:18	requirements	25:3,5 26:6	42:17 48:2	sharing 8:2
regarded 52:13	58:3,11	28:15,18,19	53:15 57:16	shed 35:22
regarding 4:9	requires 11:23	30:11,22,23	says 26:11 41:6	sheet 8:10 9:5
51:10	residential 25:8	31:2,3,4,5 32:7	scale 24:3 63:21	short 14:13 34:3
regardless 55:4	resilient 38:13	32:11,12,13	scaled 44:3	short-circuited
regretting 40:14	40:13	34:11,14,15	scenarios 46:5	59:23
regular 37:2	resistant 34:22	36:14,17,18,19	56:18 65:2	shorter 14:8
regulated 44:9	resource 8:19	40:4 45:1,13	second 24:6	show 22:6,9
regulation 46:19	10:10 31:8	45:16 46:12	section 13:22	61:14
reimbursement	37:1,21 38:2	47:12,14,15	sector 13:16	showed 66:6
44:18	respect 21:9	48:10,22 50:4	sectors 9:9 10:4	showing 40:23
reject 47:2	respond 44:14	51:4,19,25	11:22 56:24	shut 47:5
related 60:10	respondents	52:13 57:18,18	see 22:15 26:23	side 9:21 10:5
relates 11:3	26:16 58:3	57:19 58:10	28:24 29:14	11:6 13:9,10
relative 67:15	responsible 9:8	60:18 61:3	44:1 56:5 62:2	17:23 22:8
reliably 27:20	14:11 38:15	62:13 65:10,11	62:3	25:8 27:19
rely 27:23 55:16	rested 12:19,20	65:11 66:12	seeing 22:9	30:12 35:3,7
remember	restrictions 64:4	rights 5:25	40:25 46:10	63:19,21,24,25
14:20 18:25	result 33:24	ring 23:11	seen 24:4 29:3	64:10,12 65:7
21:12 22:1	results 15:15	risk 20:14	41:8,8 61:22	sign 55:3 59:14
48:13 50:1,15	26:4 56:16,17	river 33:13 47:4	segue 48:12	signature 17:13
53:9,14 57:7	retained 57:24	road 15:5 29:19	select 38:6	signatures 21:23
60:5,7	retention 57:20	30:16 36:16	selling 12:1	signed 5:24
renewable 43:4	58:12	Robert 2:7 4:5	42:14	16:16 17:4
43:16	retire 35:9	robust 9:12	senior 8:11	59:1
renewables 26:2	retired 12:22	40:13	22:21,24,25	significant 16:9
57:1	retirement	rocked 62:14	52:14,18 55:16	19:5 41:22
reorganized	36:12 37:5	role 10:10 11:1	62:5	similarly 10:5
14:1	46:18	14:15	sense 54:19 55:8	simplistic 28:10
replace 12:23	return 14:4	roll 12:10	separate 11:21	simply 51:23
36:1	returned 19:9	rolled 61:4	11:21 14:5	sir 66:14
replaced 35:20	revamping	Romero 12:24	September	sit 36:21 45:18
report 26:7	10:13	rooftop 24:2	61:15 62:2	62:24 63:7
28:22 29:13,16	revenue 43:14	round 24:6	septic 64:7	sitdown 15:8
41:3,6 45:4,22	43:15 64:24	rule 46:20	serve 31:16	51:5
46:3 59:17,19	revenue-prod	rules 64:3	serves 11:17	site 31:1,12 32:9
67:10	11:12	<u> </u>	service 31:5,13	32:19 37:20,20
reported 1:21	revenues 43:3	sacrifice 14:12	37:11 44:13	38:1 45:15
13:22,24	review 59:15	sacrifice 14:12 salary 57:25	55:3	46:2
reporter 1:21	60:7,10	sale 47:22,22	set 44:10,12	sitting 59:12
3:7 6:23 67:1,8	reviewed 59:4	48:5,14 53:2	setting 53:20,21	six 41:19
67:23	rid 64:7	sat 65:21	settle 28:23	size 43:2 63:2
reports 40:19	right 4:24 5:25	Sat 05.21	seven 43:19	sized 34:15
		<u> </u>	<u> </u>	<u> </u>

				1490 11
SJRPP 33:14	43:3	stenographica	super 55:15	45:23 52:7
slide 26:25	Southern 43:23	67:10	supply 33:8 48:6	59:24
Slip 14:24	space 21:14 44:9	step 37:14 45:3	support 5:25	taken 1:16 17:18
slots 53:10	sparingly 14:23	Stephen 2:2	7:23 13:8	30:22 44:2
slow 46:8	speak 6:19,24	4:18	29:17 39:15,18	takers 11:14
slowing 45:20	48:14 52:4	Steve 4:25 5:20	41:13 45:8	takes 18:2
SLT 56:9	61:2	STEVEN 1:14	66:1	talk 15:8 19:22
small 22:3,6	special 41:12	3:3 5:14	supportable	48:13,17 51:6
32:23 64:14	specifically	Stewart's 11:13	41:6	63:23
smaller 21:15	56:16	stock 52:22	supported 40:22	talked 8:8 10:24
42:11 44:1	spend 18:1	stopped 55:11	41:6	56:24 62:24
64:17	spent 18:3 46:1	55:12	supposed 52:14	65:25
so-called 57:21	sphere 10:11	storage 27:25	52:17 61:4	talking 51:17
solar 16:11 24:2	54:17	28:5	62:11	52:6 56:25
24:2,3,5,10,23	spoken 7:13	stories 40:18	sure 16:1,8 28:9	57:7 60:5
25:9,18 26:1,5	9:25 47:25	41:9	30:17 37:1,1	tanks 64:8
27:5,13,17,23	spot 8:14 64:13	storm 35:4	45:25 48:16	tapped 39:5
28:3 29:5 39:9	spring 22:14	straightening	53:15 65:19	45:2
39:25 40:4	springtime	7:20	surface 49:4	tax 19:21,25
sold 33:16,18	22:14	stranded 40:6	surplus 12:1	20:13
43:24 63:9	sprung 49:12	strategic 15:12	surprise 12:16	team 8:11 22:21
sole 54:5	St 33:13	54:6	60:3	22:24,25 23:8
solution 37:17	stakes 57:22	strategy 23:16	surrounding	28:4 52:8,10
37:18 38:13	stand 39:4	23:19	50:2	55:16 62:5
40:13	standing 21:22	Street 1:18 2:3,8	survive 29:18	Ted 53:17
somebody 14:6	start 15:25	structural 29:18	64:15	tell 4:25 6:20
19:17 20:12	35:13 38:24	structure 7:17	suspected 62:4	14:17 35:1
21:18	started 7:7 8:25	studies 29:2	swear 4:25	temperature
someday 35:9	9:2 13:21	39:18 41:7	switch 30:20	47:4
something's	17:12 38:25	46:23	sworn 1:12 5:15	ten 14:19 31:21
14:13	starting 56:7	stuff 48:5	39:10 66:20	33:4 42:21
somewhat 63:3	starts 31:23 36:5	subcontract	system 13:2 14:8	57:2
soon 58:21	49:1	37:21	15:20 27:12	ten-year 31:1,12
sorry 9:6 39:21	State 4:19 5:11	subject 5:9 22:4	31:21 32:22	31:14,14 32:3
48:18 55:18	31:4 67:4,9	subscription	system's 34:14	32:9,19 37:20
59:18 60:6	stated 57:19	55:1	systems 63:22	37:20 38:1
sort 18:5 22:4	statement 1:12	subsequent 4:23	T	45:15 46:2
40:9 45:3	5:6 8:4 39:10	substantial		tend 31:18
64:12	55:18 66:20	10:22	table 57:22 65:9	tendency 23:24
sorts 19:10 21:5	statements 4:20	substantive 21:6	tableaus 56:18	tenure 6:6 49:1
sound 28:9	39:7,13,16,19	substations 10:6	57:2	54:5
54:18	status 4:15	Suite 1:19 2:3,8	tables 56:19	term 14:7,8,13
sounds 7:5 9:12	60:24	sum 9:16 62:18	57:3	terminate 6:8
20:22 42:17	stay 36:5 64:11	summertime	tad 13:11	16:24
55:14	64:22	48:16	tag 10:22	termination
source 24:20	stenographic	sun 27:14	take 8:1,23 27:8 33:1 35:16	7:23 65:18
sources 31:25	67:13	sun's 27:14	33:1 33:10	66:1

				1490 12
terms 20:24	59:22 60:11	24:25 40:21	underway 46:24	versus 29:8
testified 5:16	61:11 63:14,16	transaction	UNF 56:1	42:18 63:2
testimony 39:10	63:16 64:12,15	36:12	uniquely 44:22	viable 55:10
Thank 10:23	65:1,8 66:5	transcript 67:11	unit 35:8 36:3,4	vice 8:12 11:4
Thanks 66:14	third 20:7 57:25	transmission	37:5,6 51:18	view 14:12 15:3
theoretically	58:1,1	13:10	61:19	15:5 18:1 30:4
37:7	Thomas 1:21	trends 39:24	units 35:19	41:21 43:12
they'd 55:3	67:8,22	triggered 42:10	50:12,16 51:22	46:17 47:1
thick 26:10	thought 19:4,6	trip 22:17	60:16	52:12 55:7
28:22	27:6 29:23,24	true 67:12	University	Vinyard 23:5
thing 14:18	41:15 50:10	truth 5:1,1,1	56:12	51:9 53:1
16:15 22:8	52:23 54:20,24	try 6:11 7:2	update 61:9	59:16
25:6,7,8 35:1	57:4 62:8	14:22 18:12	updated 60:23	virtually 54:5
40:23 41:16	threats 5:4	19:22 22:19	updates 61:13	voted 57:4 58:22
48:3 62:16	three 12:23	25:20 65:16	upgrade 10:8	VP 9:18,18 11:5
64:5,6	21:13 52:16	trying 7:11	32:21	13:1 16:10
things 8:9 9:14	57:22,23,23	16:10 20:23,25	upgrades 34:2	VPs 14:3,3
10:7 14:2 15:5	Thursday 1:16	22:17 23:17	upper 22:24	
18:5,23 19:8	time 1:17 4:4,15	30:6 44:23,23	upside 30:7	W
19:10 21:11,21	8:24 10:19	55:9 64:7	usable 29:15	walking 48:1
25:21,23 26:22	13:4,25 15:15	turn 10:3 30:7	use 7:15 14:23	Wannemacher
29:10,11 30:21	19:20 21:20	30:20	18:1 29:23	23:5 51:9 53:1
34:9 44:4,8	28:7,16 29:3	turns 40:10	42:15 46:21	want 8:3,7 30:18
45:25 46:7	41:18 42:1,4	tweak 55:9	usually 19:17	34:21 40:3
63:17,24	46:2 47:10	tweaks 59:3	utilities 23:24	45:23
think 7:8,12 8:1	48:1 49:9 53:7	two 11:9,10,22	25:16 42:3,18	wanted 16:18
9:25 11:8,12	53:10 60:23	14:3 21:11,15	42:18,20,24	18:9,21 19:7
12:3,8,22	61:22 63:9,11	27:18,18 31:11	43:2,19 62:25	39:5 55:1,9
13:11 15:1,14	63:13 64:18	34:1	64:14	59:9
16:1 17:1,3	65:13 66:19	typically 37:3,21	utility 23:21	wanting 16:16
18:13,15 19:12	times 25:24 59:2		24:1,2,19	warning 5:24
20:17 21:10,11	66:5	U	25:19 29:6,12	wasn't 25:2
21:20 22:10	timing 22:16	Uh-huh 31:7	36:22 43:1,13	26:21,25 39:20
23:16,23 25:1	29:23 41:15	62:17 63:4	44:11 52:21	39:22 45:6
25:21 27:4	46:12,14	ultimately 8:3	53:16 64:22	46:7 48:8 55:8
29:9,22 32:22	title 61:18	unclear 6:20		55:13 59:23
34:5 39:15,24	today 6:3 39:4	understand 5:8	V	wastewater 64:5
40:1,2,16,19	42:2 56:3	7:17 23:19	vague 49:14,19	64:6
40:21 41:14,14	Today's 4:3	25:1 31:11	51:14	water 8:12 9:9
41:16,17,18,19	toilet 30:21	50:6 51:21	value 17:21,21	9:15,18,21
42:7,8,12,12	top 6:25 19:2	65:8,16	63:10	10:21 11:6
43:1,6 44:5,10	20:3 54:16	understanding	Vedra 23:8,10	12:19 13:22
44:21,22 47:24	topic 12:7,8	8:11 15:11	49:13,15,25	14:3 22:8
49:5,6 50:19	total 10:22	30:24 32:10	50:14 51:14	30:19,21 46:20
50:19 52:2,6	tower 47:2	50:22 61:3	52:5 53:5,7,9	46:22 47:3
52:13 55:20	track 53:23	undertaking	55:24	54:16 57:1
58:24,25 59:11	traditional	7:21	vehicle 37:16	63:21,22,25

64:10 65:7	words 34:5 54:9	years 8:22 14:19	15 20:2,3	3 20:19 24:9,13
way 8:4 10:15	work 6:13 7:9	17:1 29:19	16th 48:14	33:5 34:17
12:3 14:5	9:21,24 10:20	31:21 33:4	18 16:1,2 17:6,8	35:8 37:5
15:11 17:23	15:10,25 17:24	34:1 38:21	39:2,3 49:1,3	46:18,21,23
22:20 23:3	20:25 21:24	41:20 42:5,5,7	65:16	47:6,11
37:11 42:13	22:12 31:11	42:21,21 45:10	19 15:2 17:4	3:15 1:17 66:19
44:15 55:1,23	38:18,24 40:22	52:16 57:22,23	32:16 49:3	66:20
58:14 61:20	worked 14:14	57:23	61:15 62:2	30 19:25 20:10
64:11,22	23:24,25 56:18	Yep 28:17 62:19	1977 35:8	29:19 33:9,17
ways 42:8,10	working 15:12	$\overline{\mathbf{z}}$	1980s 36:3	33:18 38:21
we'll 23:25 32:1	52:21,24 55:11	Zahn 4:9 6:6	1st 32:12	42:5
33:1 61:16	55:12,13,14	7:23 15:8 16:5	2	30-year 38:19
we're 10:18	world 44:1		2 1:16 35:11	42:16
11:23,25 12:1	worries 5:22	16:15 17:5		30s 30:3
22:9 32:2	worst 46:25	18:6,21 21:8	46:21,22 47:6	316(b) 46:20
40:12,13 42:14	worth 34:2	21:17 23:5	47:13	32202 2:3,8
42:14 47:7	worthless 52:23	48:24,25 50:5	20 17:1 20:11,14	38 24:11,12
48:18,23,23	wouldn't 24:17	51:2,6,9 52:25	20:21 33:16	
51:17 52:14	56:7	53:22 55:15	42:7	4
63:21,22 64:7	wrap 45:17	57:7 62:12	200 33:21,25	4 67:11
64:13,14	wrap-up 66:9	Zahn's 54:5	200-megawatt	40-year 38:19
we've 5:24 6:3	wrapping 21:21	65:17 66:1	33:22	470 2:8
7:9,13 8:8 9:14	write 18:13	ZAHN-TER	2009 34:6	48 44:17
24:4 27:19	wrong 7:19	1:7	2011 9:4	480 1:19 2:3
61:16 63:20	41:24	zoning 64:3	2018 17:3	
65:24			2019 1:16 12:10	5
week 59:1	X	0	12:23 16:6	5 3:6 20:17,19
weeks 62:14	X 3:1 32:3	09 34:20	23:11,14 33:14	50 17:20 20:2
wells 64:2,4		1	33:19 34:6	50-megawatt
,	Y	1	61:7,8	16:11
went 14:2,3 47:3				
went 14:2,3 47:3 50:20 56:19	yeah 4:12 9:2	1 3:13 35:11	2020 4:3 67:20	50/50 33:17
50:20 56:19	yeah 4:12 9:2 11:2 13:17	46:21,22 47:6	2020 4:3 67:20 2027 30:7	50/50 33:17 530 10:19
50:20 56:19 58:8 59:7	11:2 13:17 17:17 19:3	46:21,22 47:6 47:13 61:23		530 10:19
50:20 56:19 58:8 59:7 weren't 57:17	11:2 13:17	46:21,22 47:6 47:13 61:23 1,000 33:20,21	2027 30:7	530 10:19 6
50:20 56:19 58:8 59:7 weren't 57:17 West 1:18 2:3	11:2 13:17 17:17 19:3	46:21,22 47:6 47:13 61:23 1,000 33:20,21 1:33 1:17 4:4	2027 30:7 2027ish 30:2	530 10:19 6 61 3:13
50:20 56:19 58:8 59:7 weren't 57:17 West 1:18 2:3 Westside 24:5	11:2 13:17 17:17 19:3 21:7,7 23:9,10	46:21,22 47:6 47:13 61:23 1,000 33:20,21 1:33 1:17 4:4 10 17:1 20:13,15	2027 30:7 2027ish 30:2 2029 34:13 35:5	530 10:19 6 61 3:13 640 33:13
50:20 56:19 58:8 59:7 weren't 57:17 West 1:18 2:3 Westside 24:5 whatever's	11:2 13:17 17:17 19:3 21:7,7 23:9,10 23:12,15 24:17	46:21,22 47:6 47:13 61:23 1,000 33:20,21 1:33 1:17 4:4 10 17:1 20:13,15 20:21 42:5,7	2027 30:7 2027ish 30:2 2029 34:13 35:5 35:21	530 10:19 6 61 3:13
50:20 56:19 58:8 59:7 weren't 57:17 West 1:18 2:3 Westside 24:5 whatever's 38:13	11:2 13:17 17:17 19:3 21:7,7 23:9,10 23:12,15 24:17 30:15 31:9	46:21,22 47:6 47:13 61:23 1,000 33:20,21 1:33 1:17 4:4 10 17:1 20:13,15 20:21 42:5,7 61:15	2027 30:7 2027ish 30:2 2029 34:13 35:5 35:21 2032 30:8	530 10:19 6 61 3:13 640 33:13 67 3:7 67:12
50:20 56:19 58:8 59:7 weren't 57:17 West 1:18 2:3 Westside 24:5 whatever's 38:13 whatsoever 5:4	11:2 13:17 17:17 19:3 21:7,7 23:9,10 23:12,15 24:17 30:15 31:9 36:20,20 41:4	46:21,22 47:6 47:13 61:23 1,000 33:20,21 1:33 1:17 4:4 10 17:1 20:13,15 20:21 42:5,7 61:15 100 34:2,3	2027 30:7 2027ish 30:2 2029 34:13 35:5 35:21 2032 30:8 22 47:19	530 10:19 6 61 3:13 640 33:13 67 3:7 67:12 7
50:20 56:19 58:8 59:7 weren't 57:17 West 1:18 2:3 Westside 24:5 whatever's 38:13 whatsoever 5:4 wide 35:15 57:2	11:2 13:17 17:17 19:3 21:7,7 23:9,10 23:12,15 24:17 30:15 31:9 36:20,20 41:4 46:9 48:11,20	46:21,22 47:6 47:13 61:23 1,000 33:20,21 1:33 1:17 4:4 10 17:1 20:13,15 20:21 42:5,7 61:15 100 34:2,3 100-megawatts	2027 30:7 2027ish 30:2 2029 34:13 35:5 35:21 2032 30:8 22 47:19 23 47:19 60:20 62:11	530 10:19 6 61 3:13 640 33:13 67 3:7 67:12
50:20 56:19 58:8 59:7 weren't 57:17 West 1:18 2:3 Westside 24:5 whatever's 38:13 whatsoever 5:4 wide 35:15 57:2 widest 34:25	11:2 13:17 17:17 19:3 21:7,7 23:9,10 23:12,15 24:17 30:15 31:9 36:20,20 41:4 46:9 48:11,20 49:7,16 50:3	46:21,22 47:6 47:13 61:23 1,000 33:20,21 1:33 1:17 4:4 10 17:1 20:13,15 20:21 42:5,7 61:15 100 34:2,3 100-megawatts 33:1	2027 30:7 2027ish 30:2 2029 34:13 35:5 35:21 2032 30:8 22 47:19 23 47:19 60:20 62:11 231 2:8	530 10:19 6 61 3:13 640 33:13 67 3:7 67:12 7 7th 67:20
50:20 56:19 58:8 59:7 weren't 57:17 West 1:18 2:3 Westside 24:5 whatever's 38:13 whatsoever 5:4 wide 35:15 57:2 widest 34:25 witness 3:3 4:12	11:2 13:17 17:17 19:3 21:7,7 23:9,10 23:12,15 24:17 30:15 31:9 36:20,20 41:4 46:9 48:11,20 49:7,16 50:3 50:10,19 54:8	46:21,22 47:6 47:13 61:23 1,000 33:20,21 1:33 1:17 4:4 10 17:1 20:13,15 20:21 42:5,7 61:15 100 34:2,3 100-megawatts	2027 30:7 2027ish 30:2 2029 34:13 35:5 35:21 2032 30:8 22 47:19 23 47:19 60:20 62:11 231 2:8 25 17:1 47:9	530 10:19 6 61 3:13 640 33:13 67 3:7 67:12 7 7th 67:20 8
50:20 56:19 58:8 59:7 weren't 57:17 West 1:18 2:3 Westside 24:5 whatever's 38:13 whatsoever 5:4 wide 35:15 57:2 widest 34:25 witness 3:3 4:12 4:14,16 5:2,7	11:2 13:17 17:17 19:3 21:7,7 23:9,10 23:12,15 24:17 30:15 31:9 36:20,20 41:4 46:9 48:11,20 49:7,16 50:3 50:10,19 54:8 54:8 62:3	46:21,22 47:6 47:13 61:23 1,000 33:20,21 1:33 1:17 4:4 10 17:1 20:13,15 20:21 42:5,7 61:15 100 34:2,3 100-megawatts 33:1	2027 30:7 2027ish 30:2 2029 34:13 35:5 35:21 2032 30:8 22 47:19 23 47:19 60:20 62:11 231 2:8 25 17:1 47:9 25-year 17:2	530 10:19 6 61 3:13 640 33:13 67 3:7 67:12 7 7th 67:20
50:20 56:19 58:8 59:7 weren't 57:17 West 1:18 2:3 Westside 24:5 whatever's 38:13 whatsoever 5:4 wide 35:15 57:2 widest 34:25 witness 3:3 4:12 4:14,16 5:2,7 5:12,15 66:10	11:2 13:17 17:17 19:3 21:7,7 23:9,10 23:12,15 24:17 30:15 31:9 36:20,20 41:4 46:9 48:11,20 49:7,16 50:3 50:10,19 54:8 54:8 62:3 year 8:15,16 10:8 18:3 31:1	46:21,22 47:6 47:13 61:23 1,000 33:20,21 1:33 1:17 4:4 10 17:1 20:13,15 20:21 42:5,7 61:15 100 34:2,3 100-megawatts 33:1 10th 62:2	2027 30:7 2027ish 30:2 2029 34:13 35:5 35:21 2032 30:8 22 47:19 23 47:19 60:20 62:11 231 2:8 25 17:1 47:9 25-year 17:2 250 17:21	530 10:19 6 61 3:13 640 33:13 67 3:7 67:12 7 7th 67:20 8 80 33:16
50:20 56:19 58:8 59:7 weren't 57:17 West 1:18 2:3 Westside 24:5 whatever's 38:13 whatsoever 5:4 wide 35:15 57:2 widest 34:25 witness 3:3 4:12 4:14,16 5:2,7 5:12,15 66:10 66:14	11:2 13:17 17:17 19:3 21:7,7 23:9,10 23:12,15 24:17 30:15 31:9 36:20,20 41:4 46:9 48:11,20 49:7,16 50:3 50:10,19 54:8 54:8 62:3 year 8:15,16 10:8 18:3 31:1 32:3,13,14,15	46:21,22 47:6 47:13 61:23 1,000 33:20,21 1:33 1:17 4:4 10 17:1 20:13,15 20:21 42:5,7 61:15 100 34:2,3 100-megawatts 33:1 10th 62:2 117 1:18 2:3	2027 30:7 2027ish 30:2 2029 34:13 35:5 35:21 2032 30:8 22 47:19 23 47:19 60:20 62:11 231 2:8 25 17:1 47:9 25-year 17:2 250 17:21 26 24:11	530 10:19 6 61 3:13 640 33:13 67 3:7 67:12 7 7th 67:20 8 80 33:16 9
50:20 56:19 58:8 59:7 weren't 57:17 West 1:18 2:3 Westside 24:5 whatever's 38:13 whatsoever 5:4 wide 35:15 57:2 widest 34:25 witness 3:3 4:12 4:14,16 5:2,7 5:12,15 66:10 66:14 wonder 10:25	11:2 13:17 17:17 19:3 21:7,7 23:9,10 23:12,15 24:17 30:15 31:9 36:20,20 41:4 46:9 48:11,20 49:7,16 50:3 50:10,19 54:8 54:8 62:3 year 8:15,16 10:8 18:3 31:1 32:3,13,14,15 32:15,17 33:5	46:21,22 47:6 47:13 61:23 1,000 33:20,21 1:33 1:17 4:4 10 17:1 20:13,15 20:21 42:5,7 61:15 100 34:2,3 100-megawatts 33:1 10th 62:2 117 1:18 2:3 12 24:13	2027 30:7 2027ish 30:2 2029 34:13 35:5 35:21 2032 30:8 22 47:19 23 47:19 60:20 62:11 231 2:8 25 17:1 47:9 25-year 17:2 250 17:21 26 24:11 27 47:9,18	530 10:19 6 61 3:13 640 33:13 67 3:7 67:12 7 7th 67:20 8 80 33:16
50:20 56:19 58:8 59:7 weren't 57:17 West 1:18 2:3 Westside 24:5 whatever's 38:13 whatsoever 5:4 wide 35:15 57:2 widest 34:25 witness 3:3 4:12 4:14,16 5:2,7 5:12,15 66:10 66:14 wonder 10:25 word 29:24	11:2 13:17 17:17 19:3 21:7,7 23:9,10 23:12,15 24:17 30:15 31:9 36:20,20 41:4 46:9 48:11,20 49:7,16 50:3 50:10,19 54:8 54:8 62:3 year 8:15,16 10:8 18:3 31:1 32:3,13,14,15 32:15,17 33:5 33:15 34:16,17	46:21,22 47:6 47:13 61:23 1,000 33:20,21 1:33 1:17 4:4 10 17:1 20:13,15 20:21 42:5,7 61:15 100 34:2,3 100-megawatts 33:1 10th 62:2 117 1:18 2:3 12 24:13 12-megawatt	2027 30:7 2027ish 30:2 2029 34:13 35:5 35:21 2032 30:8 22 47:19 23 47:19 60:20 62:11 231 2:8 25 17:1 47:9 25-year 17:2 250 17:21 26 24:11	530 10:19 6 61 3:13 640 33:13 67 3:7 67:12 7 7th 67:20 8 80 33:16 9
50:20 56:19 58:8 59:7 weren't 57:17 West 1:18 2:3 Westside 24:5 whatever's 38:13 whatsoever 5:4 wide 35:15 57:2 widest 34:25 witness 3:3 4:12 4:14,16 5:2,7 5:12,15 66:10 66:14 wonder 10:25	11:2 13:17 17:17 19:3 21:7,7 23:9,10 23:12,15 24:17 30:15 31:9 36:20,20 41:4 46:9 48:11,20 49:7,16 50:3 50:10,19 54:8 54:8 62:3 year 8:15,16 10:8 18:3 31:1 32:3,13,14,15 32:15,17 33:5 33:15 34:16,17 47:19 48:17	46:21,22 47:6 47:13 61:23 1,000 33:20,21 1:33 1:17 4:4 10 17:1 20:13,15 20:21 42:5,7 61:15 100 34:2,3 100-megawatts 33:1 10th 62:2 117 1:18 2:3 12 24:13 12-megawatt 24:10	2027 30:7 2027ish 30:2 2029 34:13 35:5 35:21 2032 30:8 22 47:19 23 47:19 60:20 62:11 231 2:8 25 17:1 47:9 25-year 17:2 250 17:21 26 24:11 27 47:9,18	530 10:19 6 61 3:13 640 33:13 67 3:7 67:12 7 7th 67:20 8 80 33:16 9
50:20 56:19 58:8 59:7 weren't 57:17 West 1:18 2:3 Westside 24:5 whatever's 38:13 whatsoever 5:4 wide 35:15 57:2 widest 34:25 witness 3:3 4:12 4:14,16 5:2,7 5:12,15 66:10 66:14 wonder 10:25 word 29:24	11:2 13:17 17:17 19:3 21:7,7 23:9,10 23:12,15 24:17 30:15 31:9 36:20,20 41:4 46:9 48:11,20 49:7,16 50:3 50:10,19 54:8 54:8 62:3 year 8:15,16 10:8 18:3 31:1 32:3,13,14,15 32:15,17 33:5 33:15 34:16,17	46:21,22 47:6 47:13 61:23 1,000 33:20,21 1:33 1:17 4:4 10 17:1 20:13,15 20:21 42:5,7 61:15 100 34:2,3 100-megawatts 33:1 10th 62:2 117 1:18 2:3 12 24:13 12-megawatt 24:10 13 23:3	2027 30:7 2027ish 30:2 2029 34:13 35:5 35:21 2032 30:8 22 47:19 23 47:19 60:20 62:11 231 2:8 25 17:1 47:9 25-year 17:2 250 17:21 26 24:11 27 47:9,18 2nd 4:3	530 10:19 6 61 3:13 640 33:13 67 3:7 67:12 7 7th 67:20 8 80 33:16 9