

From: Goodrich, William G. </O=JEA/OU=EXCHANGE/CN=RECIPIENTS/CN=GOODWG>
Sent: Tuesday, April 3, 2018 2:06 PM
To: Goodrich, William G.; McInall, Steven G. - Dir, Electric Production Resource Planning; Moran, Mary L. - Mgr Electric Generation Planning; Cox Jr., Douglas P.; Bradley Kushner; Holbrooks, Kevin E. - Dir Air & Lab Permitting & Compliance
Cc: Bob Davis; Bergt, Gene E.; Davis, Thomas P.; Van Aartsen, Randall D. - Mgr Fuels Mgmt Services; Gill, Emily R.; Horn, Jennifer L.; Roark, Robert E. - Fuels Specialist
Subject: IRP Workshop Session

Start of this session has been delayed by (1) hour due to schedule slippage.

IRP Workshop Session (1:00 PM – 5:00 PM)

Attendees: William Goodrich (JEA), Douglas Cox (JEA), Mary Moran (JEA), Steve McInall (JEA) Gene Bergt (B&V), Bob Davis (nFront), Brad Kushner (nFront)

- Introduce JEA, Black & Veatch, and nFront project team members and discuss roles in developing the IRP and related studies (i.e. generating unit alternatives and levelized cost of energy analysis)
- Discuss preferred methods for project-related communications
- Anticipated IRP schedule

Milestone	Estimated Date
Generating Units/LCOE Report	Mid July, 2018
Workshop to Develop Sensitivities and Scenarios	Early August, 2018
JEA Management Review and Discussions	Mid November, 2018
Draft IRP sent to JEA	Early December, 2018 (depending on outcome of JEA Management Review and Discussion)
Final IRP	Early January, 2019 (depending on comments to Draft IRP)
IRP Presentations (Management and Public)	Mid to Late January 2019

- Public engagement – timing of presentation to the public (currently one presentations scheduled following JEA Management review and discussion of draft IRP)
 - Need for confidentiality if JEA intends to issue RFP for power after IRP
- Discuss JEA’s policy objectives (i.e. increased utilization of renewable energy, CHP, etc.)
- Discuss JEA’s power supply planning situation and relevant considerations, including but not limited to the following:
 - Term of the evaluation period considered in the IRP
 - Expected timing of capacity requirements and primary drivers
 - JEA reserve margin considerations
 - Firm capacity associated with solar
 - Planned and potential generating unit retirements

- Expiration/renewal of existing purchase power agreements (“PPAs”) and future PPAs (including Vogtle PPA)
- Demand-side management/energy efficiency/conservation program considerations, including interruptible/curtailable customers
- Consistency of upcoming Florida Efficiency and Conservation Act (“FEECA”) proceedings, which will establish JEA’s numeric conservation goals for the 2020 through 2029 period
- PURPA obligations / considerations
- Fuel price projections
- JEA’s interaction with The Energy Authority (TEA)
- Firm natural gas transportation considerations and strategy
 - Source and cost of incremental firm supply
- Fuel diversity considerations and strategy
- Solar integration considerations and strategy
- Economic and financing parameters
- Generating unit alternatives/levelized cost of energy (LCOE) study
 - Generating unit alternatives being evaluated
 - Fuel forecast for LCOE analysis
- Review/refine (as needed) IRP tasks and approach
- Discuss Need for Power Considerations
 - Timeline
 - Leveraging IRP and related studies
 - Statutory Criteria
 - need for electric system reliability and integrity,
 - need for adequate electricity at a reasonable cost,
 - need for fuel diversity and supply reliability,
 - whether the proposed plant is the most cost-effective alternative available, and
 - whether renewable energy sources and technologies, as well as conservation measures, are utilized to the extent reasonably available
 - Solar (utility and customer)
 - FEECA
 - CHP
 - The commission shall also expressly consider the conservation measures taken by or reasonably available to the applicant or its members which might mitigate the need for the proposed plant
 - FEECA
 - CHP
- Discuss data to be provided by JEA and review available data and assumptions