DEF Responses to Staff's First Set of Interrogatories Nos. 1 (Redacted), 2, 3-4 (Redacted), 5-8.

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Fuel and purchased power cost recovery | DOCKET NO. 170001-EI clause with generating performance incentive factor.

DATED: February 23, 2017

DUKE ENERGY FLORIDA, LLC'S RESPONSES TO STAFF'S FIRST SET OF INTERROGATORIES (NOS. 1-9)

Duke Energy Florida, LLC ("DEF"), responds to Staff's First Set of Interrogatories to DEF (Nos. 1-9), as follows:

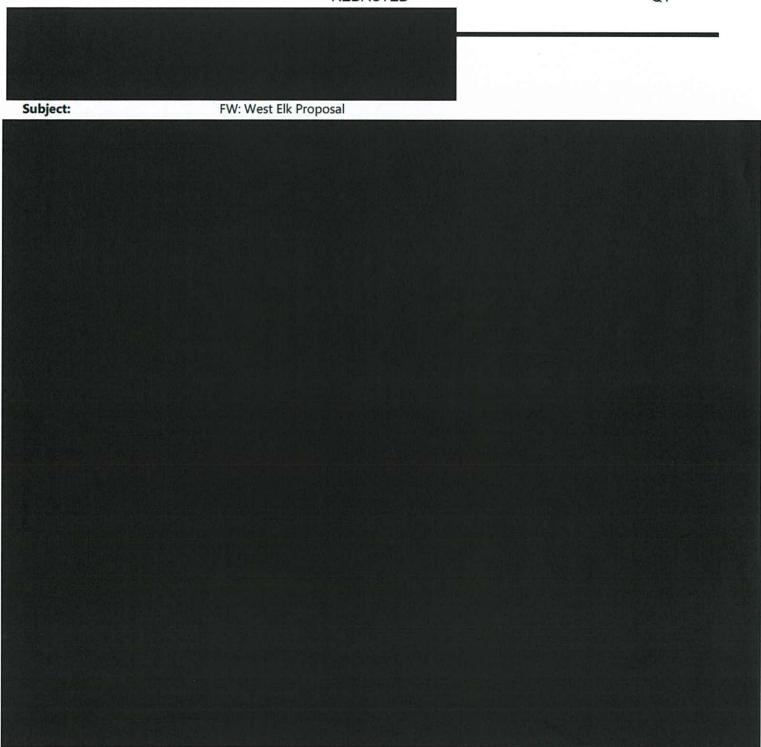
INTERROGATORIES

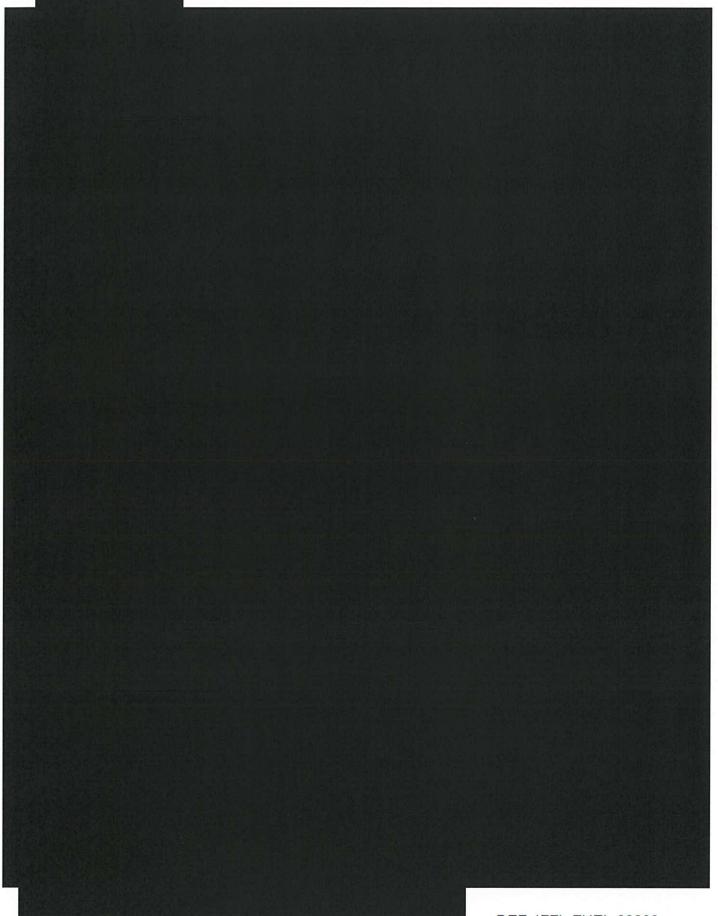
1. For each Request for Proposal (RFP) for coal issued in 2016 by or on behalf of DEF, list the bids received. For each bid, include the supplier, tonnage bid, coal quality, and delivered price information, as well as the method and route of delivery.

Response:

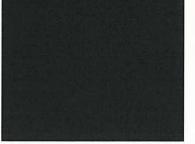
Please see the attachments for coal requests and supplier responses received in July 2016 for spot coal needs at Crystal River 1 and 2 and Term RFP, bearing bates numbers DEF-17FL-FUEL-00001 through DEF-17FL-FUEL-00015. The lists of bids were received in response to the verbal spot solicitation conducted August 4, 2016 and the Term RFP issued on September 13, 2016, respectively. 100 percent of the coal offered for 2016 was purchased.

The attachments are confidential; redacted versions are attached hereto and unredacted copies have been filed with the Florida Public Service Commission ("Commission") along with DEF's Request for Confidential Classification dated February 23, 2017.

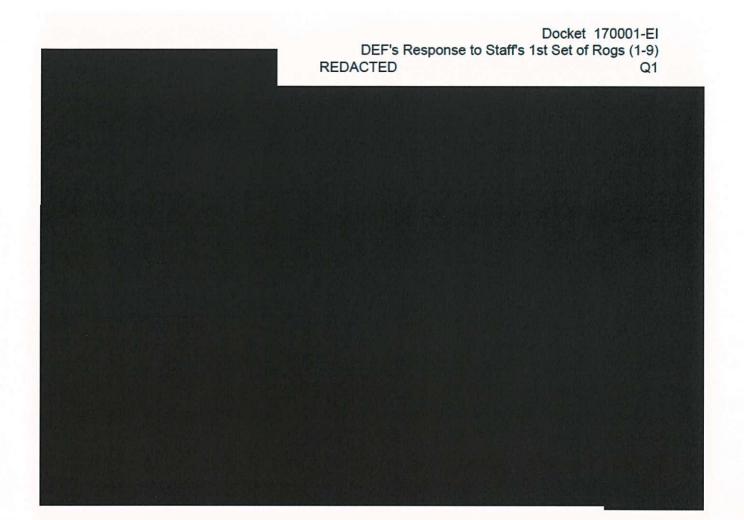


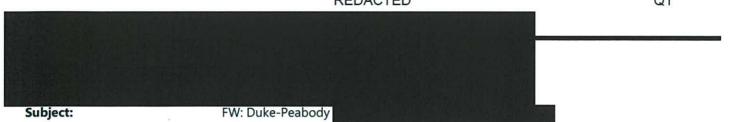


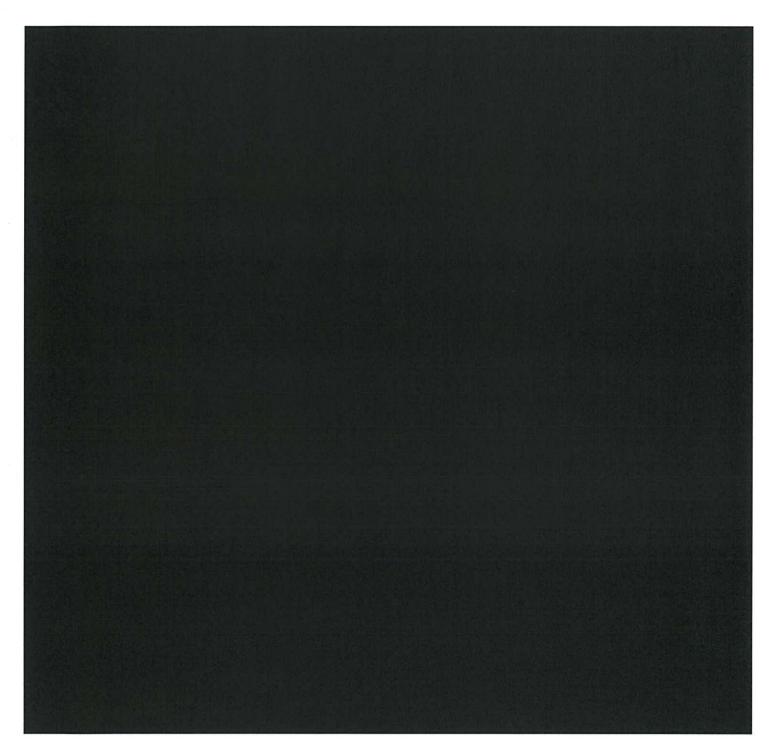
DEF-17FL-FUEL-00003 20170001-EI Staff Hearing Exhibits 00005

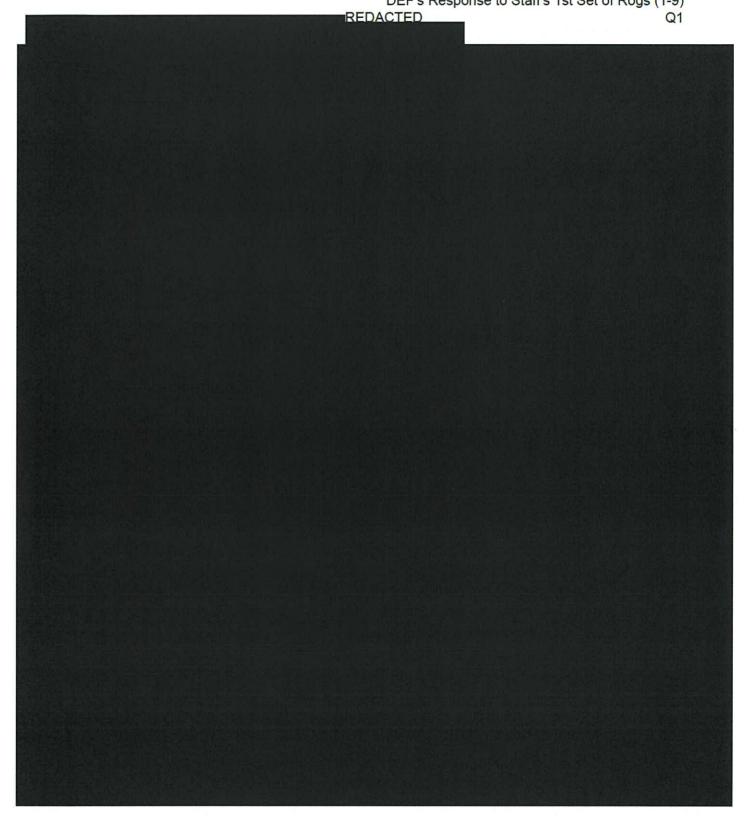


DEF-17FL-FUEL-00005 20170001-EI Staff Hearing Exhibits 00007







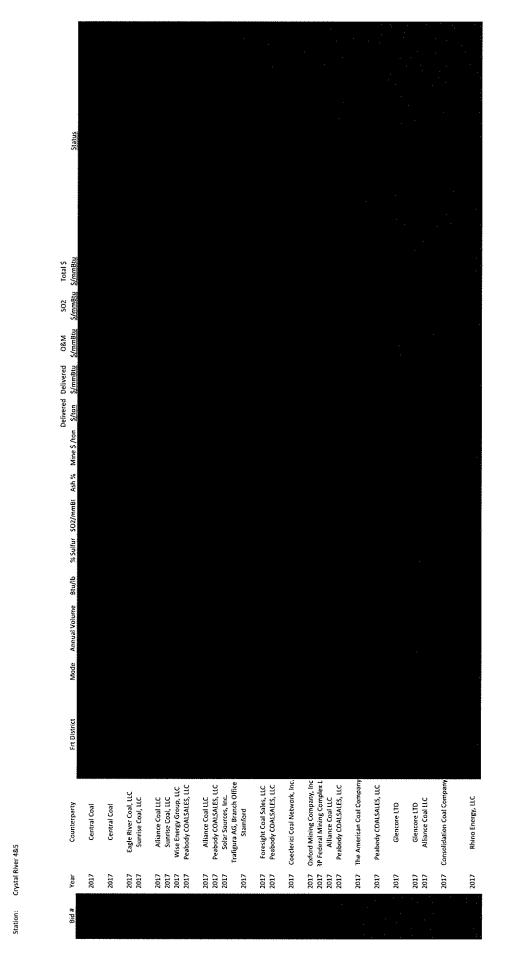


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Docket No. 170001-El DEF's Response to Staffs 1st Rogs (1-9)

Term RFP Issued 9/13/16



Term RFP REDACTED Issued 9/13/16

Station: Crystal River 4&5

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Issued 9/13/16 Term RFP

Decket No. 170001-El DEF's Response to Staff's 1st Rogs (1-9)

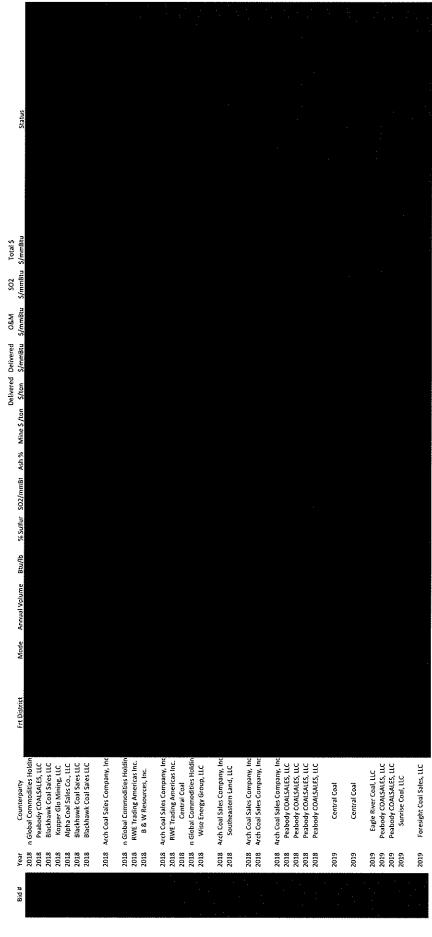
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Term RFP Issued 9/13/16

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Decket No. 170001-EI DEF's Response to Staff's 1st Rogs (1-9)

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Please describe the action taken for each bid identified in response to Interrogatory No. 1.
 Include in your response an explanation of the evaluation process and how successful proposals were selected.

Response:

The action taken on each bid identified is contained in the response to Interrogatory No.1. The evaluations took into consideration factors including, but not limited to, the following:

- 1. conformity to the technical and commercial aspects of the specifications (e.g., coal specifications, delivery schedules, warranties, etc.);
- 2. coal quality and quantity assurances (or guarantees) by the bidder;
- 3. prices and conditions of pricing;
- 4. any exceptions to the specifications and resulting penalties;
- 5. supplier operations and/or shipping capabilities;
- 6. previous supplier performance;
- 7. supplier flexibility (i.e. quantity, term, location); and
- 8. any other considerations applicable under the circumstances.

DEF produced an evaluated delivered cost per MMbtu for each coal and selected the appropriate coals on the basis of this complete evaluation.

3. During 2016, did DEF experience any detention and demurrage charges, or any transportation constraints for coal deliveries? If so, please explain your response and state the charges by event.

Response:

During 2016, DEF incurred detention and demurrage charges as a result of river barge, Gulf barge, terminal and/or train loading or unloading delays. The general causes for the loading and/or unloading delays include, but are not limited to, weather impacts and operational considerations. Detention and demurrage charges are not assigned nor categorized by event, rather attributable to general delays, so the specific charges for each event type cannot be provided. For detention and demurrage charges DEF incurred for 2016, please see the attachment bearing bates number DEF-17FL-FUEL-00016. This document is confidential; a redacted version is attached hereto and an unredacted copy has been filed with the Commission along with DEF's Request for Confidential Classification dated February 23, 2017.

4. For each RFP for natural gas issued in 2016 by DEF, list the bids received. For each bid, include the supplier, volume bid, and delivered price information, as well as the primary pipeline used for delivery.

Response:

Please see the attachments bearing bates numbers DEF-17FL-FUEL-00017 through DEF-17FL-FUEL-00037 for the natural gas requests issued during 2016 and the list of bids and response summaries for each request.

The attachments are confidential; a redacted version is attached hereto and an unredacted copy has been filed with the Commission along with DEF's Request for Confidential Classification dated February 23, 2017.

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Docket No.170001-EI DEF's Response to Staff's 1st Set of Interrogatories (1-9) Q3

DEF Coal Demurrage and Detention - January - December 2016

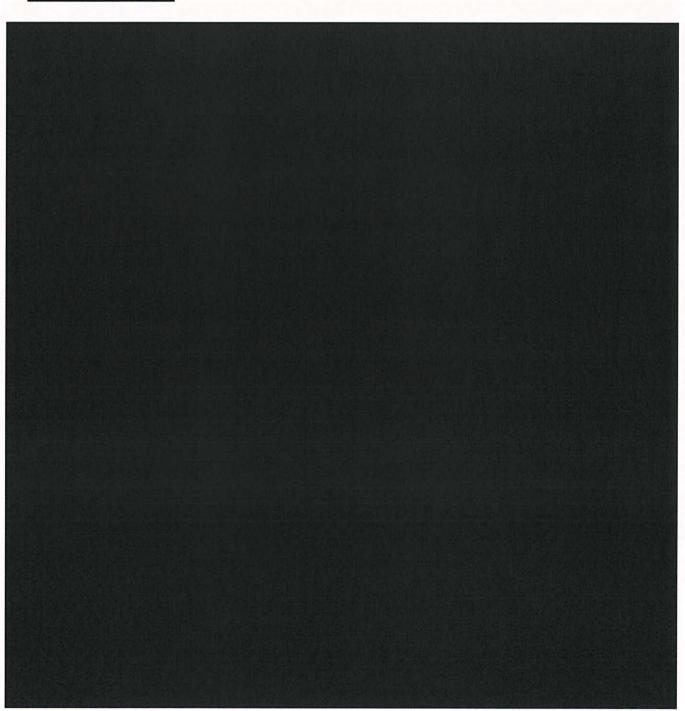
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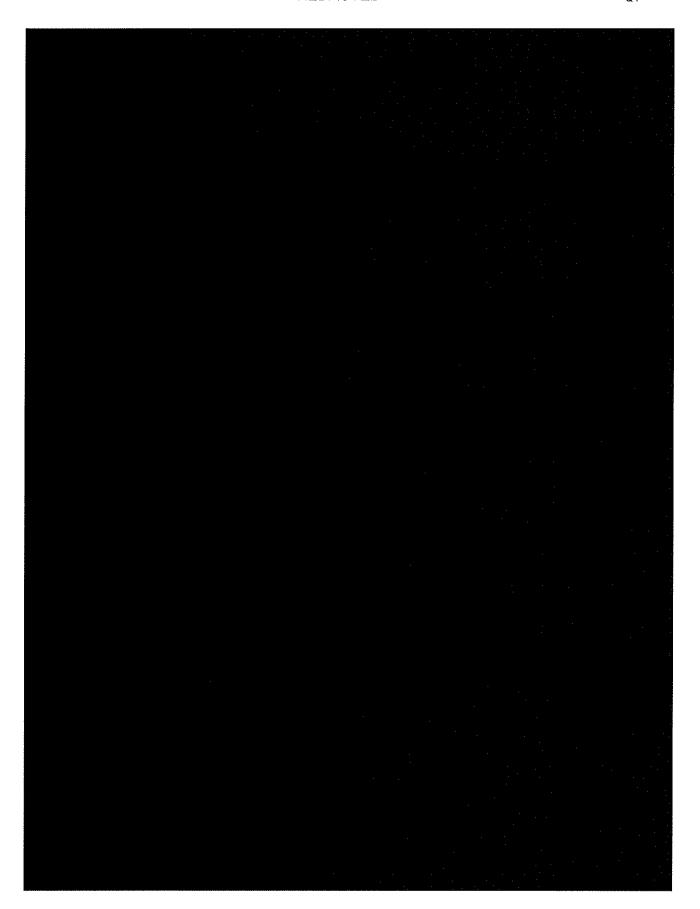
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Docket No. 170001-EI DEF's Response to Staff's 1st Set of Rogs (1-9) Q4	2016	2017	2018
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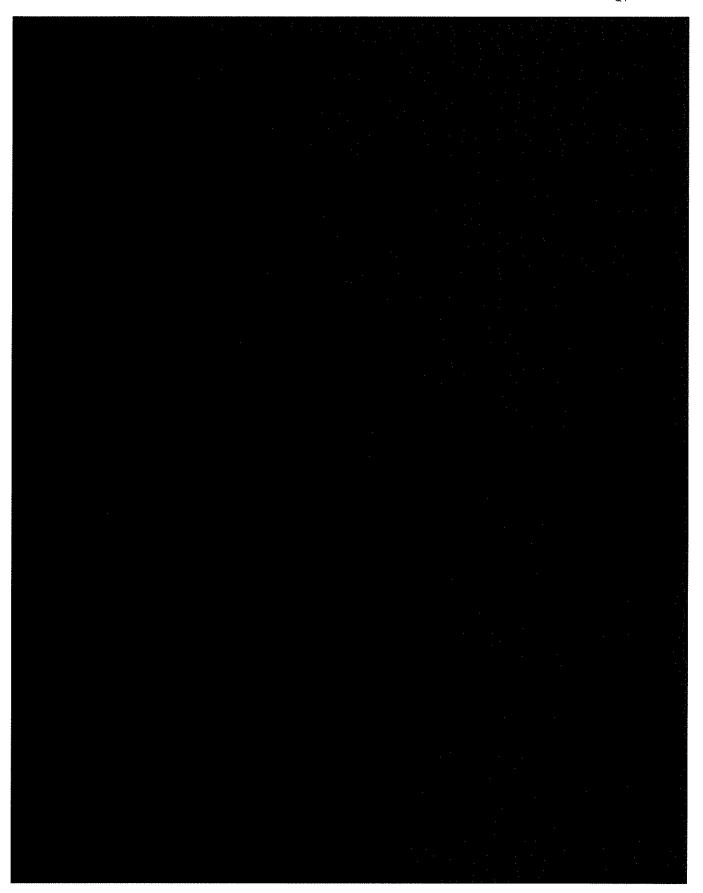


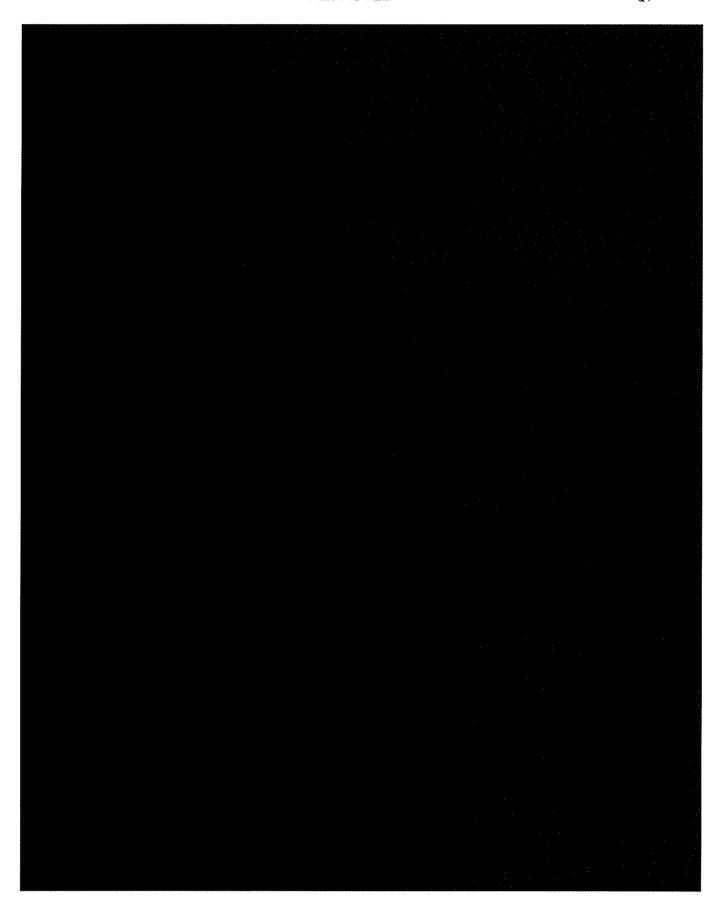
February 5, 2016

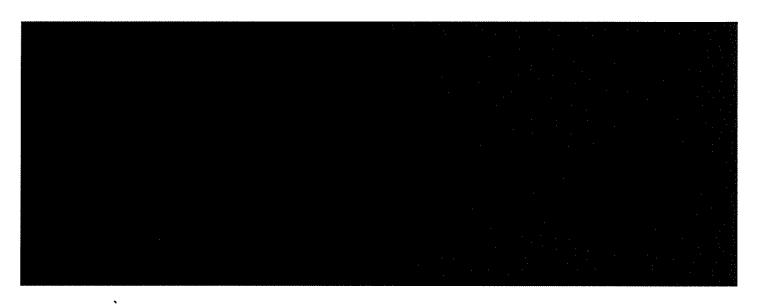
RFP# DEF-LT-020516











RFP# DEF-LT-020516 (Analysis Dated February 17, 2016)

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Duke Energy Florida
Open Supply at FGT Z1 and FGT Z2 Points
The receipt points and volumes below do not include applicable FGT fuel. Offered volumes should be grossed up monthly to include the market area fuel loss. REDACTED

Docket No. 170001-EI DEF's Response to Staff's 1st Set of Rogs (1-9) Q4

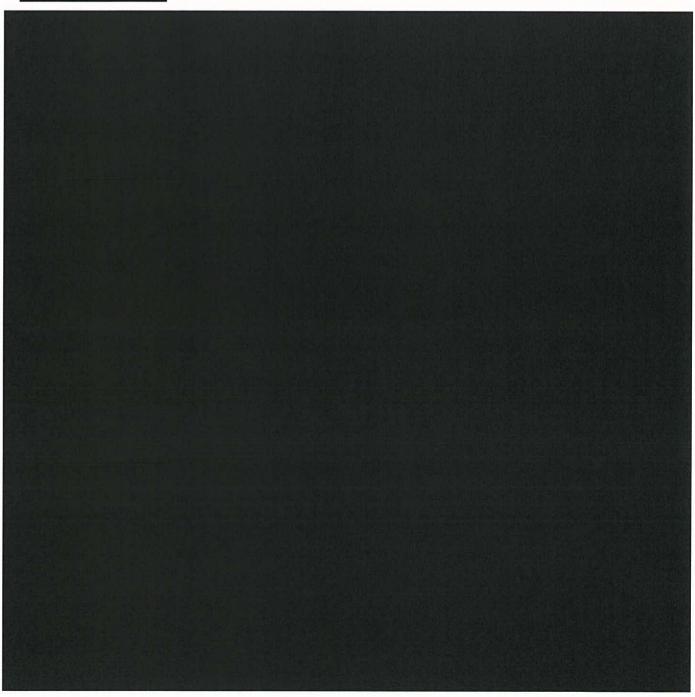
For Packages 5 to 8 for RFP DEF-LT-102616

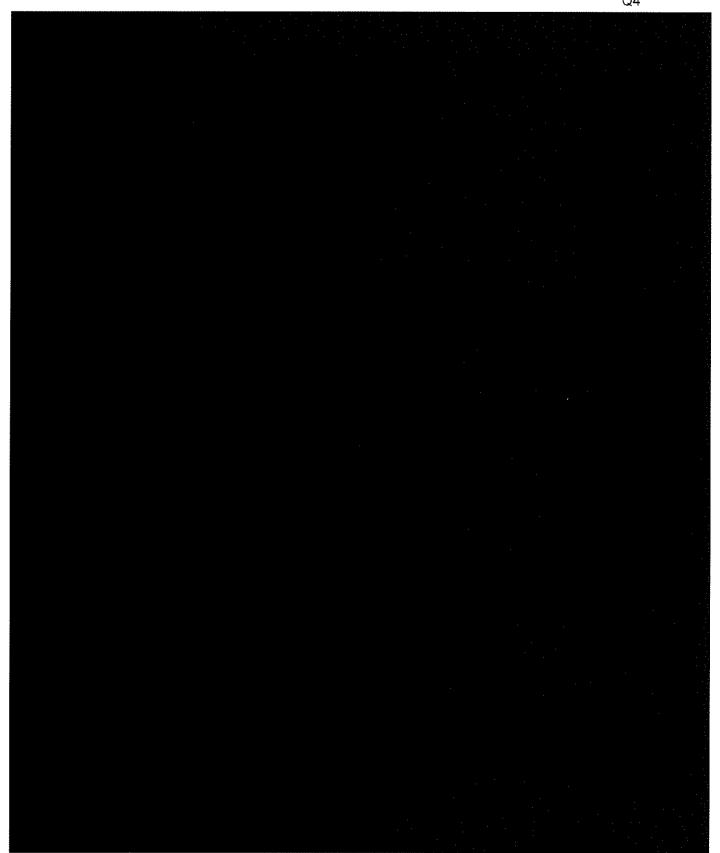
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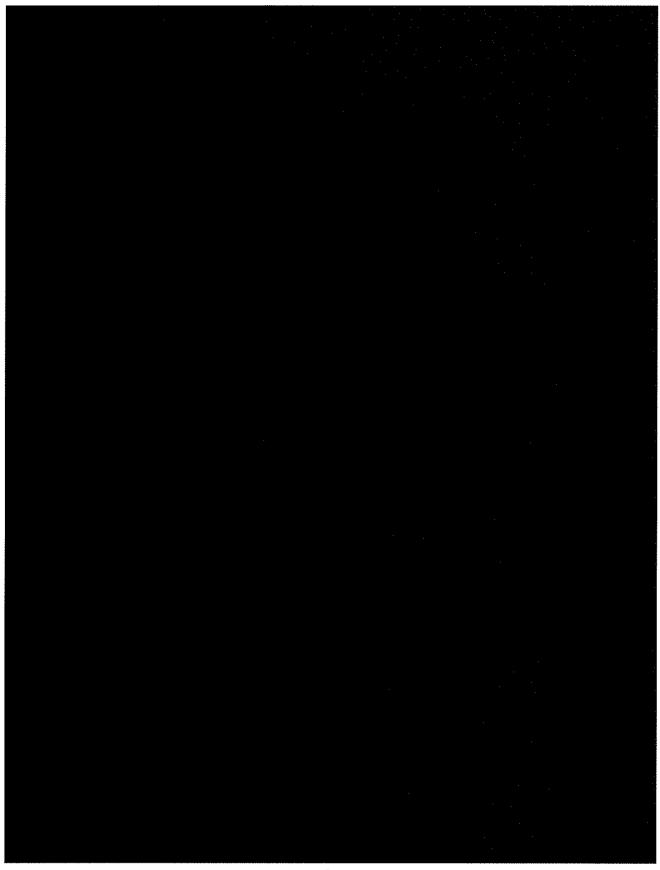
October 26, 2016

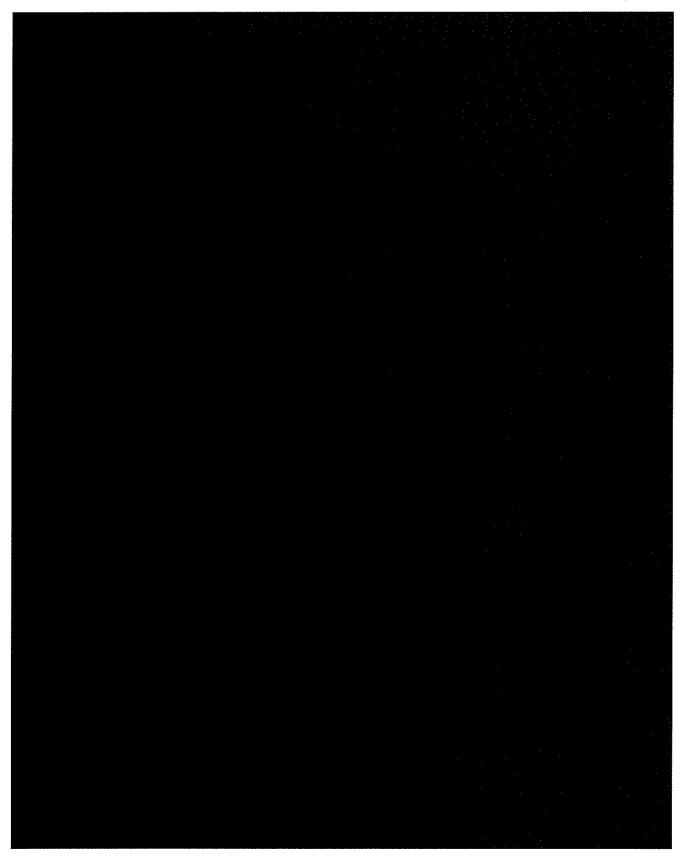
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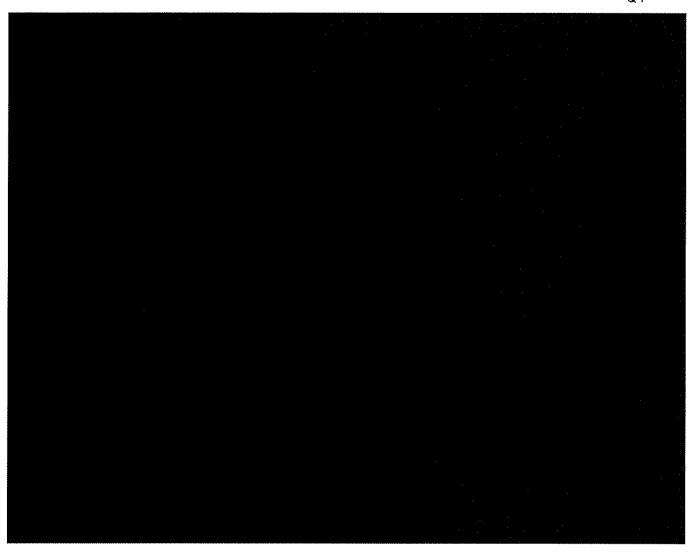












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RFP# DEF-LT-102616 (Analysis Dated November 10, 2016)

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Docket No. 170001-EI DEF's Response to Staff's 1st Set of Rogs (1-9) Q4

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5. Please describe the action taken for each bid identified in response to Interrogatory No. 4.

Include in your response an explanation of the evaluation process and how successful proposals were selected.

Response:

Please see confidential attachment bearing bates numbers DEF-17FL-FUEL-00017 through DEF-17FL-FUEL-00037 provided in response to Question 4. In summary, as part of DEF's on-going strategy to maintain a diverse, secure, and competitively priced natural gas supply portfolio to meet its gas generation needs, DEF conducts periodic gas supply RFPs and solicitations to procure natural gas supply over time. DEF requests specific time periods and locations that represent firm gas supply receipt point locations on DEF's firm transportation agreements. As outlined in the referenced attachments, bids were evaluated and selected based on credit, economics, location, term, and supply requirements.

6. In 2016, did DEF participate in any capacity discussions or bid for any firm pipeline capacity during "open season?" Please explain your response and identify the pipeline companies.

Response:

DEF engages in ongoing discussions with various gas suppliers, pipelines and existing storage providers to stay abreast of developments and potential opportunities. During 2016, DEF participated in discussions with existing pipeline providers to discuss potential developments. DEF did not bid for any pipeline capacity during open seasons during 2016.

7. In 2016, did DEF participate in any discussions or bid for any firm gas storage capacity?

Please explain your response and identify the gas storage providers.

Response:

DEF engages in ongoing discussions with various gas suppliers, pipelines and existing storage providers to stay abreast of developments and potential opportunities. During 2016, DEF did not bid for any new gas storage in 2016.

8. For the purpose of this Interrogatory, please refer to Page 1 of 2 of Schedule A-2, from DEF's A-Schedule filing for September, 2016, and specifically to the detail for the Jurisdictional Adjustments identified on Line (A)(6b). Please explain the Net Metering Settlement adjustment of \$117,983, and how it was calculated.

Response:

The Net Metering Settlement line on Schedule A-2 has been used since 2008. It reflects the expense of issuing net metering customers a credit for energy supplied back to DEF's grid above their usage. DEF aggregates the annual amount and includes that adjustment in the fuel clause in the following year. For example, the net metering adjustment for 2015 would be included in the 2016 A Schedules. This process is consistent with DEF's treatment of Net Metering Settlements since initiated in 2008. DEF inadvertently excluded the Net Metering Settlement adjustment in the 2015 A Schedules. Therefore, the Net Metering Settlement adjustment of \$117,983 on the September 2016 A-2 is the total of the 2015 and 2016 net metering adjustments of \$61,410 and \$54,573, respectively.

AFFIDAVIT

STATE OF NORTH CAROLINA

COUNTY OF MECKLENBURG

I hereby certify that on this ______ day of February, 2017, before me, an officer duly authorized in the State and County aforesaid to take acknowledgments, personally appeared JOSEPH MCCALLISTER, who is personally known to me and acknowledged before me that he provided the answers to interrogatory numbers 1 through 7 from STAFF'S FIRST SET OF INTERROGATORIES TO DUKE ENERGY FLORIDA, LLC (NOS. 1-9) in Docket No. 170001-EI, and that the response is true and correct based on his personal knowledge.

In Witness Whereof, I have hereunto set my hand and seal in the State and County

aforesaid as of this ______ day of February, 2017.

OSEPH MCCALLISTER

KATIE JAMIESON Notary Public, North Carolina Gaston County My Commission Expires

Notary Public

State of North Carolina

My Commission Expires:

June 14, 2021

AFFIDAVIT

STATE OF FLORIDA
COUNTY OF PINELLAS

I hereby certify that on this ______ day of February, 2017, before me, an officer duly authorized in the State and County aforesaid to take acknowledgments, personally appeared CHRISTOPHER A. MENENDEZ, who is personally known to me and acknowledged before me that he provided the answers to interrogatory number 8 from STAFF'S FIRST SET OF INTERROGATORIES TO DUKE ENERGY FLORIDA, LLC (NOS. 1-9) in Docket No. 170001-EI, and that the response is true and correct based on his personal knowledge.

In Witness Whereof, I have hereunto set my hand and seal in the State and County aforesaid as of this _____ day of February, 2017.

CHRISTOPHER A. MENENDEZ

Sareh Hirschman Libes
NOTARY PUBLIC
STATE OF FLORIDA
Commit FF105231
Expires 3/23/2018

Notary Public State of Florida

My Commission Expires:

3/23/2018