

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
clause with generating performance incentive
factor.

DOCKET NO. 170001-EI

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.

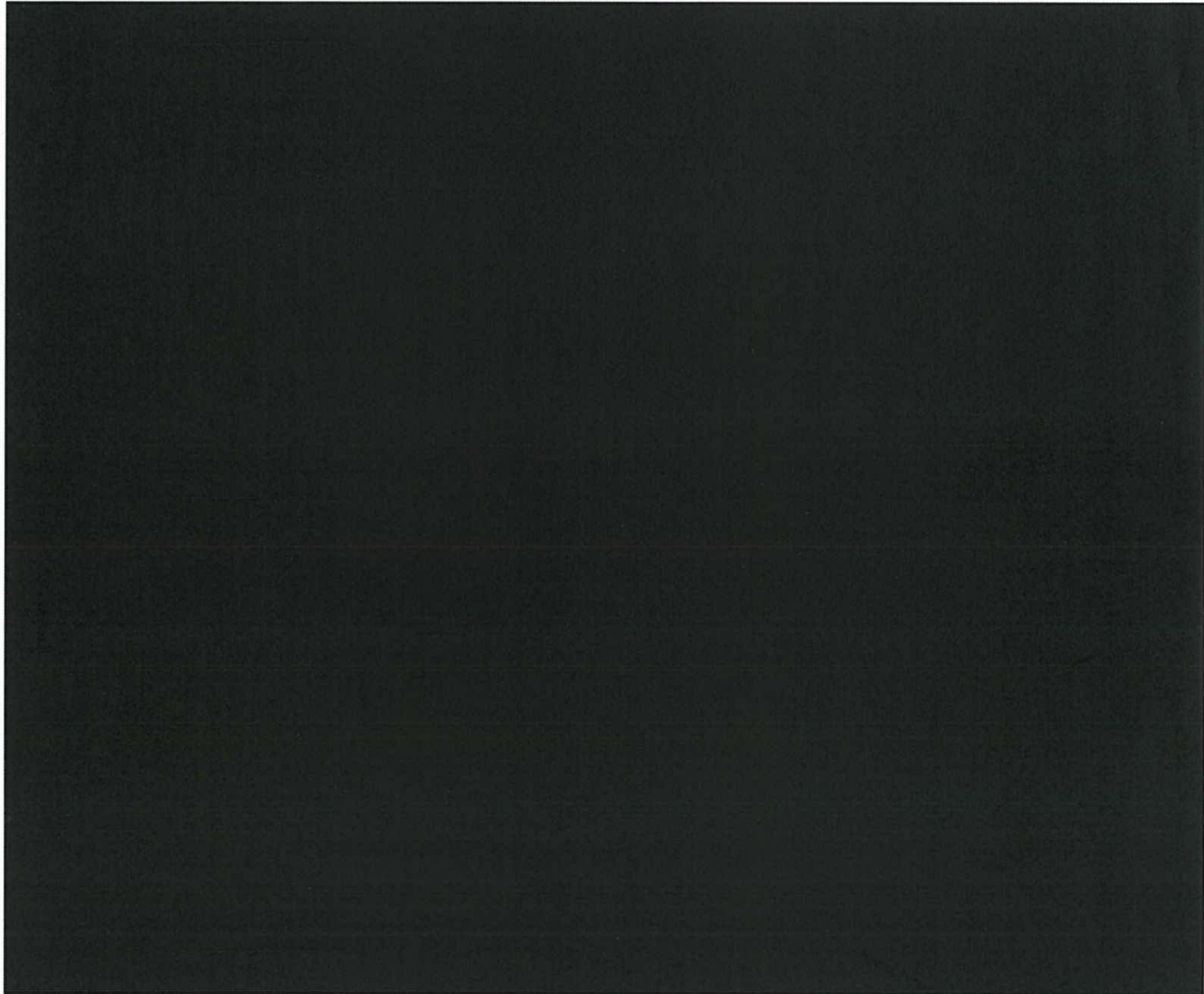
Response:

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.



Subject: FW: West Elk Proposal



REDACTED

Q1

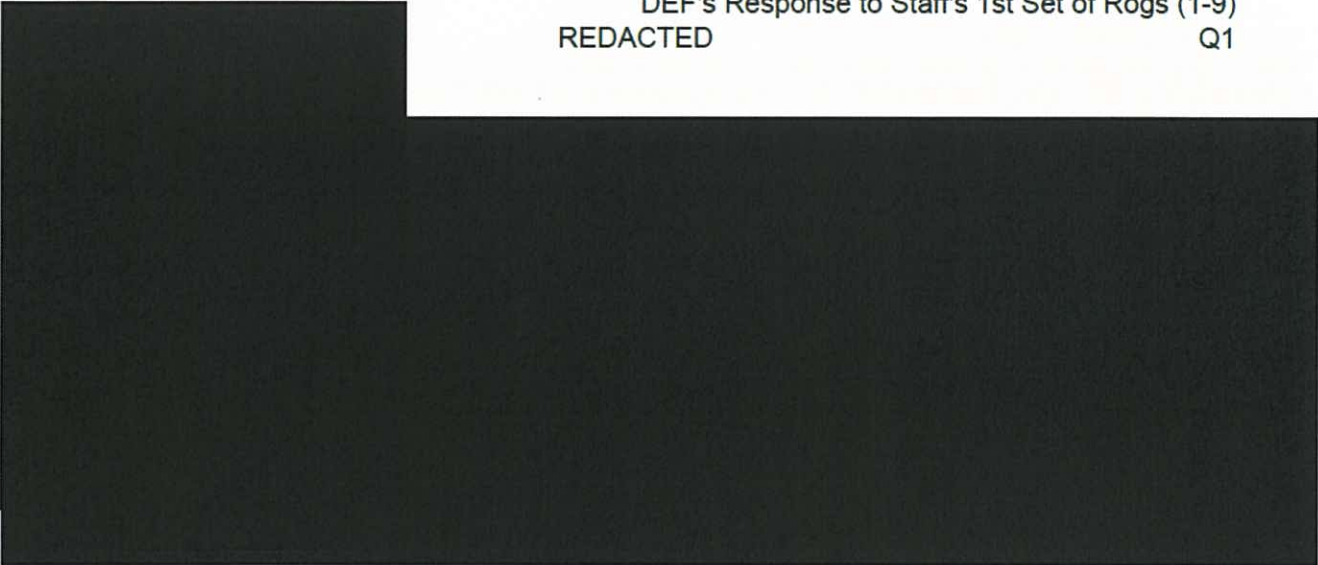
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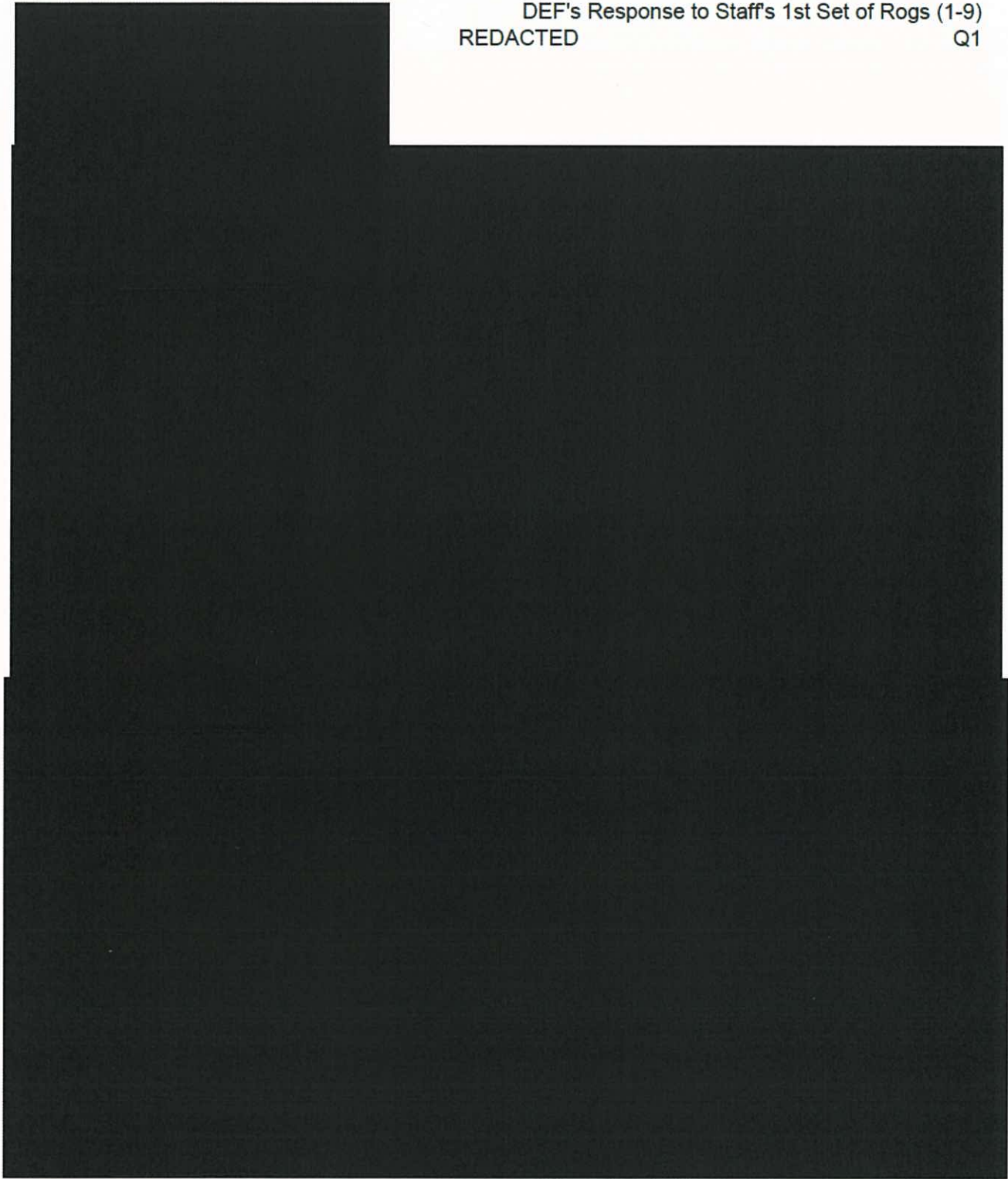
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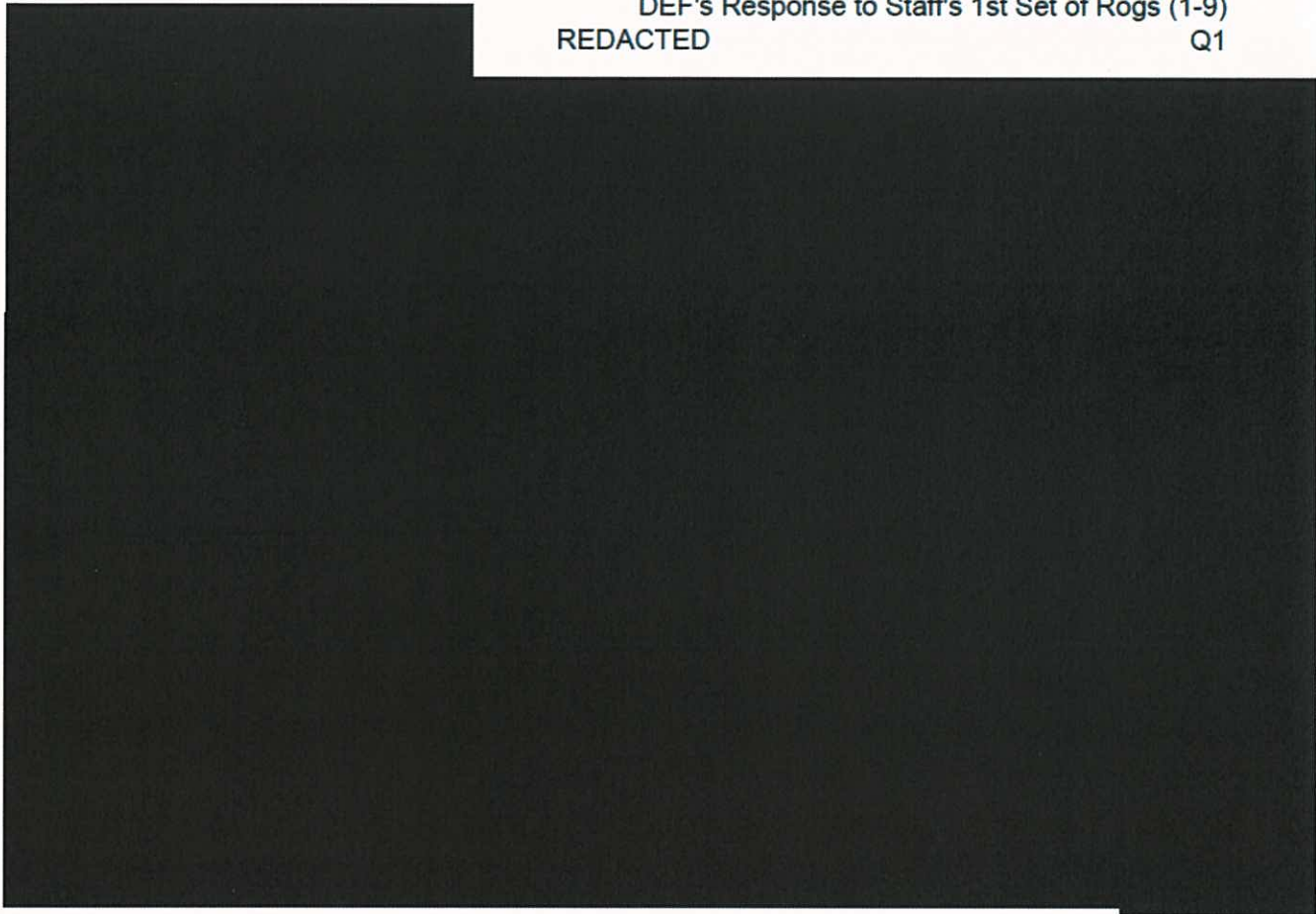
[REDACTED]

Re: Coal Sales Proposal

[REDACTED]







[REDACTED]

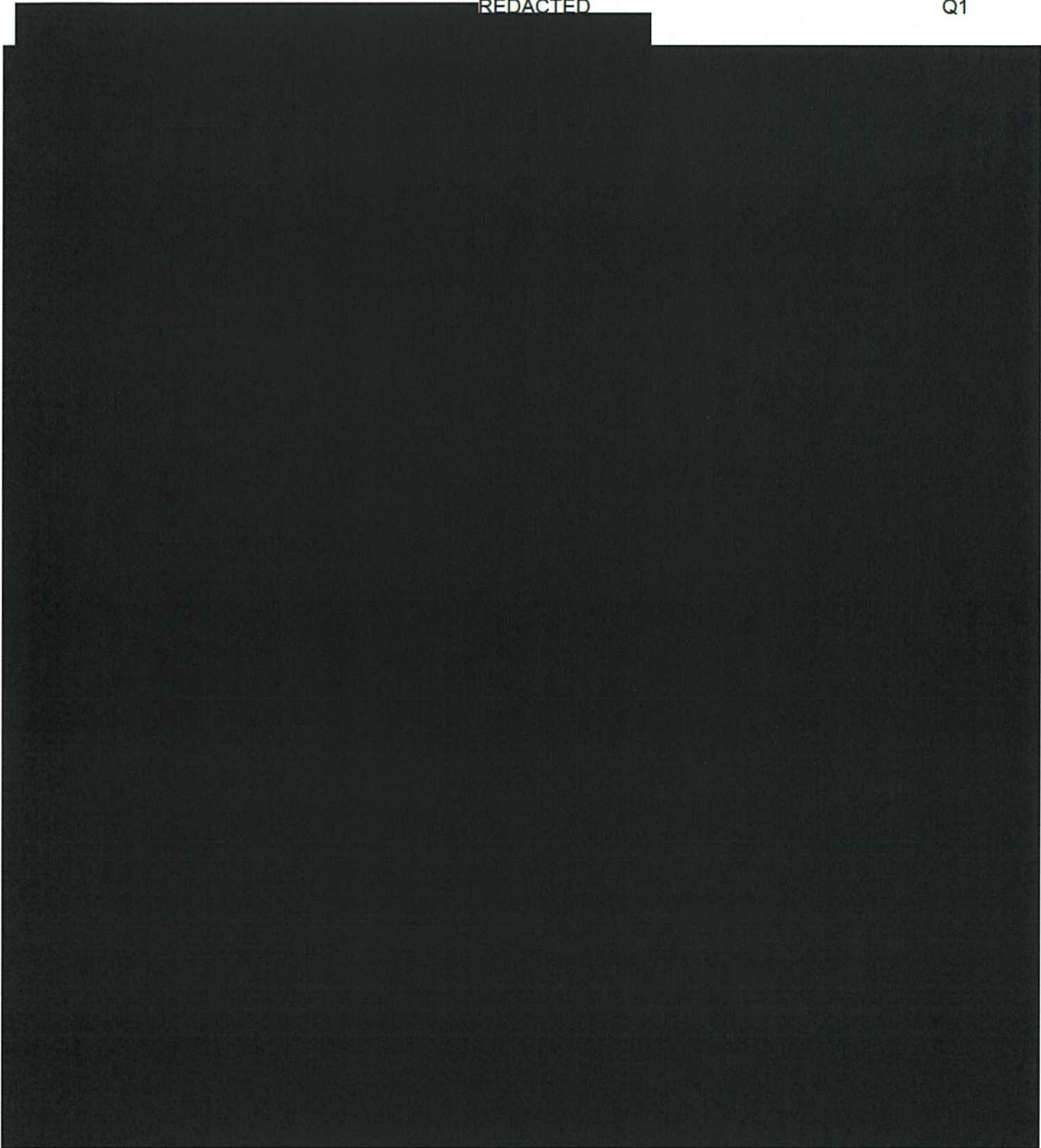
Subject:

FW: Duke-Peabody [REDACTED]

[REDACTED]

REDACTED

Q1



EVALUATION/REVIEW OF SPOT COAL FOR SEPTEMBER 1, 2016 - JANUARY 31, 2017
 (August 2016 Verbal Coal Supply Request)

REDACTED

Station Crystal River 102

Sales Co.	Prod/Co	Start Date	End Date	Rail Rate	Shipping Point	Sep Vol	Oct Vol	Nov Vol	Dec Vol	Jan Vol	Feb Vol	Mar Vol	No Trains Offered	Moist %	Ash %	Sulf %	LBS SO ₂	Offer Price \$/Ton	Mine Price \$/ton	Total Freight Cost	Delivered \$/Ton	\$/MWh Deliv O&M 992 Ad	Comments
[REDACTED]																							

Docket No. 170001-EI
 DEF's Response to Staff's 1st Rogs (1-9)
 Q1

Term RFP
 Issued 9/13/16
REDACTED

Station: Crystal River 4&5

Bid #	Year	Counterparty	Frt District	Mode	Annual Volume	Btu/lb	% Sulfur	SO2/mmbt	Ash %	Mine \$ /ton	Delivered \$ /ton	Delivered \$ /mmbtu	O&M \$ /mmbtu	SO2 \$ /mmbtu	Total \$ \$ /mmbtu	Status
	2017	Central Coal														
	2017	Central Coal														
	2017	Eagle River Coal, LLC														
	2017	Sunrise Coal, LLC														
	2017	Alliance Coal LLC														
	2017	Sunrise Coal, LLC														
	2017	Wise Energy Group, LLC														
	2017	Peabody COALSALLES, LLC														
	2017	Alliance Coal LLC														
	2017	Peabody COALSALLES, LLC														
	2017	Solar Sources, Inc.														
	2017	Traffigura AG, Branch Office Stamford														
	2017	Foresight Coal Sales, LLC														
	2017	Peabody COALSALLES, LLC														
	2017	Coehierici Coal Network, Inc.														
	2017	Oxford Mining Company, Inc														
	2017	RP Federal Mining Complex L														
	2017	Alliance Coal LLC														
	2017	Peabody COALSALLES, LLC														
	2017	The American Coal Company														
	2017	Peabody COALSALLES, LLC														
	2017	Glencore LTD														
	2017	Glencore LTD														
	2017	Alliance Coal LLC														
	2017	Consolidation Coal Company														
	2017	Rhino Energy, LLC														

DEF-17FL-FUEL-00010

Docket No. 170001-EI
 DEF's Response to Staff's 1st Rogs (1-9)
 Q1

Term RFP
 Issued 9/13/16

Station: Crystal River 4&5

Counterparty
 Mode
 Frt District
 Annual Volume
 Btu/lb
 % Sulfur
 SO2/mmBtu
 Ash %
 Mine \$ /ton
 Delivered \$ /mmBtu
 O&M \$ /mmBtu
 SO2 \$ /mmBtu
 Total \$
 Status

Bid #	Year	Counterparty	Mode	Frt District	Annual Volume	Btu/lb	% Sulfur	SO2/mmBtu	Ash %	Mine \$ /ton	Delivered \$ /mmBtu	O&M \$ /mmBtu	SO2 \$ /mmBtu	Total \$	Status
	2017	King's Mountain Energy, LLC													
	2017	Coedierici Coal Network, Inc													
	2017	Peabody COALSALLES, LLC													
	2017	Armstrong Coal Company													
	2017	Wiley & Hamilton Enterprises, I													
	2017	Peabody COALSALLES, LLC													
	2017	International Commodities Holdi													
	2017	Dominion Carbon Sales, LLC													
	2017	Dominion Carbon Sales, LLC													
	2017	MR Coal Marketing & Tradin													
	2017	Figura AG, Branch Office Stamp													
	2017	Dominion Carbon Sales, LLC													
	2017	Dominion Carbon Sales, LLC													
	2017	Kopper Glo Mining, LLC													
	2017	Peabody COALSALLES, LLC													
	2017	Blackhawk Coal Sales LLC													
	2017	Arch Coal Sales Company, In													
	2017	Alpha Coal Sales Co., LLC													
	2017	Intercean Coal Sales													
	2017	Arch Coal Sales Company, In													
	2017	Wise Energy Group, LLC													
	2017	Arch Coal Sales Company, In													
	2017	Blackhawk Coal Sales LLC													
	2017	Blackhawk Coal Sales LLC													
	2017	Seminole Coal Resource LLC													
	2017	Wiley & Hamilton Enterprises, I													
	2017	Arch Coal Sales Company, In													
	2017	Arch Coal Sales Company, In													

DEF-17FL-FUEL-00011

Docket No. 170001-EI
 DEF's Response to Staff's 1st Rogs (1-9)
 Q1

Term RFP
 Issued 9/13/16

Station: Crystal River 4&5

REDACTED

Bid #	Year	Counterparty	Frt District	Mode	Annual Volume	Btu/lb	% Sulfur	SO2/mmbt	Ash %	Mine \$/ton	Delivered	Delivered	O&M	SO2	Total \$	Status
											\$/mmbtu	\$/mmbtu	\$/mmbtu	\$/mmbtu		
	2017	Alpha Coal Sales Co., LLC														
	2017	Arch Coal Sales Company, Inc														
	2017	Arch Coal Sales Company, Inc														
	2017	ucky Cumberland Coal Com														
	2017	Arch Coal Sales Company, Inc														
	2017	RWE Trading Americas Inc.														
	2017	n Global Commodities Holdin														
	2017	B & W Resources, Inc.														
	2017	Arch Coal Sales Company, Inc														
	2017	Central Coal														
	2017	Arch Coal Sales Company, Inc														
	2017	Southeastern Land, LLC														
	2017	Arch Coal Sales Company, Inc														
	2017	RWE Trading Americas Inc.														
	2017	outhern Coal Sales Corporat														
	2017	Arch Coal Sales Company, Inc														
	2017	Arch Coal Sales Company, Inc														
	2017	CGM Holdings, Inc														
	2017	n Global Commodities Holdin														
	2017	Arch Coal Sales Company, Inc														
	2017	outhern Coal Sales Corporat														
	2017	Arch Coal Sales Company, Inc														
	2017	Arch Coal Sales Company, Inc														
	2017	Arch Coal Sales Company, Inc														
	2017	Arch Coal Sales Company, Inc														
	2017	Peabody COALSLES, LLC														

DEF-17FL-FUEL-00012

Docket No. 170001-EI
 DEF's Response to Staff's 1st Rogs (1-9)
 Q1

Term RFP
 Issued 9/23/16
REDACTED

Station: Crystal River 485

Bid #	Year	Counterparty	Frnt District	Mode	Annual Volume	Btu/lb	% Sulfur	SO2/mmBtu	Ash %	Mine \$ /ton	Delivered \$ /ton	O&M \$ /mmBtu	SO2 \$ /mmBtu	Total \$ \$ /mmBtu	Status
	2017	Arch Coal Sales Company, In													
	2017	Peabody COALSALLES, LLC													
	2017	Peabody COALSALLES, LLC													
	2017	Peabody COALSALLES, LLC													
	2018	Central Coal													
	2018	Central Coal													
	2018	Eagle River Coal, LLC													
	2018	Sunrise Coal, LLC													
	2018	Peabody COALSALLES, LLC													
	2018	Sunrise Coal, LLC													
	2018	Alliance Coal LLC													
	2018	Peabody COALSALLES, LLC													
	2018	Foresight Coal Sales, LLC													
	2018	Oxford Mining Company, Inc													
	2018	Alliance Coal LLC													
	2018	Peabody COALSALLES, LLC													
	2018	Peabody COALSALLES, LLC													
	2018	Alliance Coal LLC													
	2018	The American Coal Compan													
	2018	Alliance Coal LLC													
	2018	insol Pennsylvania Coal Co.,													
	2018	Consolidation Coal Compan													
	2018	Armstrong Coal Company													
	2018	Rhino Energy, LLC													
	2018	King's Mountain Energy, LLC													
	2018	Peabody COALSALLES, LLC													

DEF-17FL-FUEL-00013

Docket No. 170001-EI
 DEF's Response to Staff's 1st Rogs (1-9)
 Q1

Term RFP
 Issued 9/13/16
REDACTED

Station: Crystal River 485

Bid #	Year	Counterparty	Frt District	Mode	Annual Volume	Btu/lb	% Sulfur	SO2/mm8t	Ash %	Mine \$/ton	Delivered \$/ton	Delivered \$/mmBtu	O&M \$/mm8tu	SO2 \$/mm8tu	Total \$ \$/mmBtu	Status
	2018	n Global Commodities Holdin														
	2018	Peabody COALSALES, LLC														
	2018	Blackhawk Coal Sales LLC														
	2018	Kopper Glo Mining, LLC														
	2018	Alpha Coal Sales Co., LLC														
	2018	Blackhawk Coal Sales LLC														
	2018	Blackhawk Coal Sales LLC														
	2018	Arch Coal Sales Company, Inc														
	2018	n Global Commodities Holdin														
	2018	RWE Trading Americas Inc.														
	2018	B & W Resources, Inc.														
	2018	Arch Coal Sales Company, Inc														
	2018	RWE Trading Americas Inc.														
	2018	Central Coal														
	2018	n Global Commodities Holdin														
	2018	Wise Energy Group, LLC														
	2018	Arch Coal Sales Company, Inc														
	2018	Southeastern Land, LLC														
	2018	Arch Coal Sales Company, Inc														
	2018	Arch Coal Sales Company, Inc														
	2018	Arch Coal Sales Company, Inc														
	2018	Peabody COALSALES, LLC														
	2018	Peabody COALSALES, LLC														
	2018	Peabody COALSALES, LLC														
	2018	Peabody COALSALES, LLC														
	2019	Central Coal														
	2019	Central Coal														
	2019	Eagle River Coal, LLC														
	2019	Peabody COALSALES, LLC														
	2019	Peabody COALSALES, LLC														
	2019	Surprise Coal, LLC														
	2019	Foresight Coal Sales, LLC														

DEF-17FL-FUEL-00014

Docket No. 170001-EI
 DEF's Response to Staff's 1st Rogs (1-9)
 Q1

Term RFP
 Issued 9/13/16
REDACTED

Station: Crystal River 4&5

Year	Counterparty	Frt District	Mode	Annual Volume	Btu/lb	% Sulfur	SO2/mmBtu	Ash %	Mine \$ /ton	Delivered \$ /ton	O&M \$ /mmBtu	SO2 \$ /mmBtu	Total \$ \$ /mmBtu	Status
2019	Peabody COALSLES, LLC													
2019	Alliance Coal LLC													
2019	Alliance Coal LLC													
2019	Peabody COALSLES, LLC													
2019	Peabody COALSLES, LLC													
2019	Alliance Coal LLC													
2019	The American Coal Compan													
2019	Consolidation Coal Compan													
2019	Alliance Coal LLC													
2019	insol Pennsylvania Coal Co.,													
2019	Rhino Energy, LLC													
2019	Armstrong Coal Company													
2019	King's Mountain Energy, LL													
2019	Peabody COALSLES, LLC													
2019	Peabody COALSLES, LLC													
2019	Blackhawk Coal Sales LLC													
2019	B & W Resources, Inc.													
2019	Blackhawk Coal Sales LLC													
2019	Blackhawk Coal Sales LLC													
2019	RWE Trading Americas Inc													
2019	Central Coal													
2019	Southeastern Land, LLC													

DEF-17FL-FUEL-00015

2. 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.

REDACTED

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

	January	February	March	April	May	June	July	August	September	October	November	December	Grand Total
Counterparty													
CENTRAL COAL CO													
EMI PA INC													
FLNORTHERN													
IMT													
INGRAM BARGE COMPANY													
KIRBY OCEAN TRANSPORT CO													
KNIGHTHAWK													
Grand Total	\$ 564,420.83	\$ 807,855.39	\$ 779,835.10	\$ -	\$ 1,403,824.21	\$ 3,568,338.22	\$ 2,214,917.30	\$ 3,445,715.31	\$ 1,622,518.94	\$ 785,316.01	\$ 1,031,851.54	\$ 651,111.52	\$ 16,875,704.37

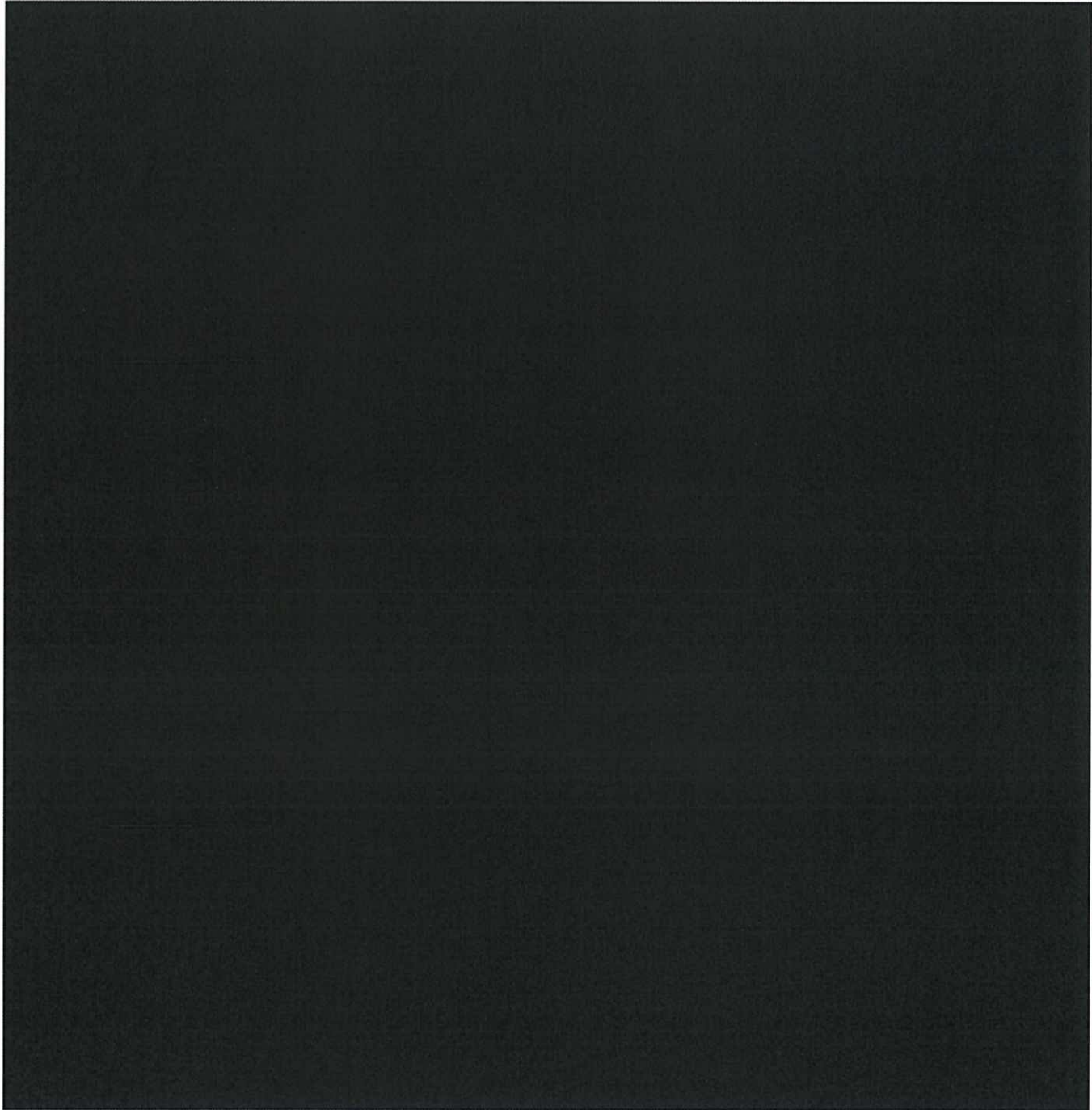
DEF-17FL-FUEL-00016

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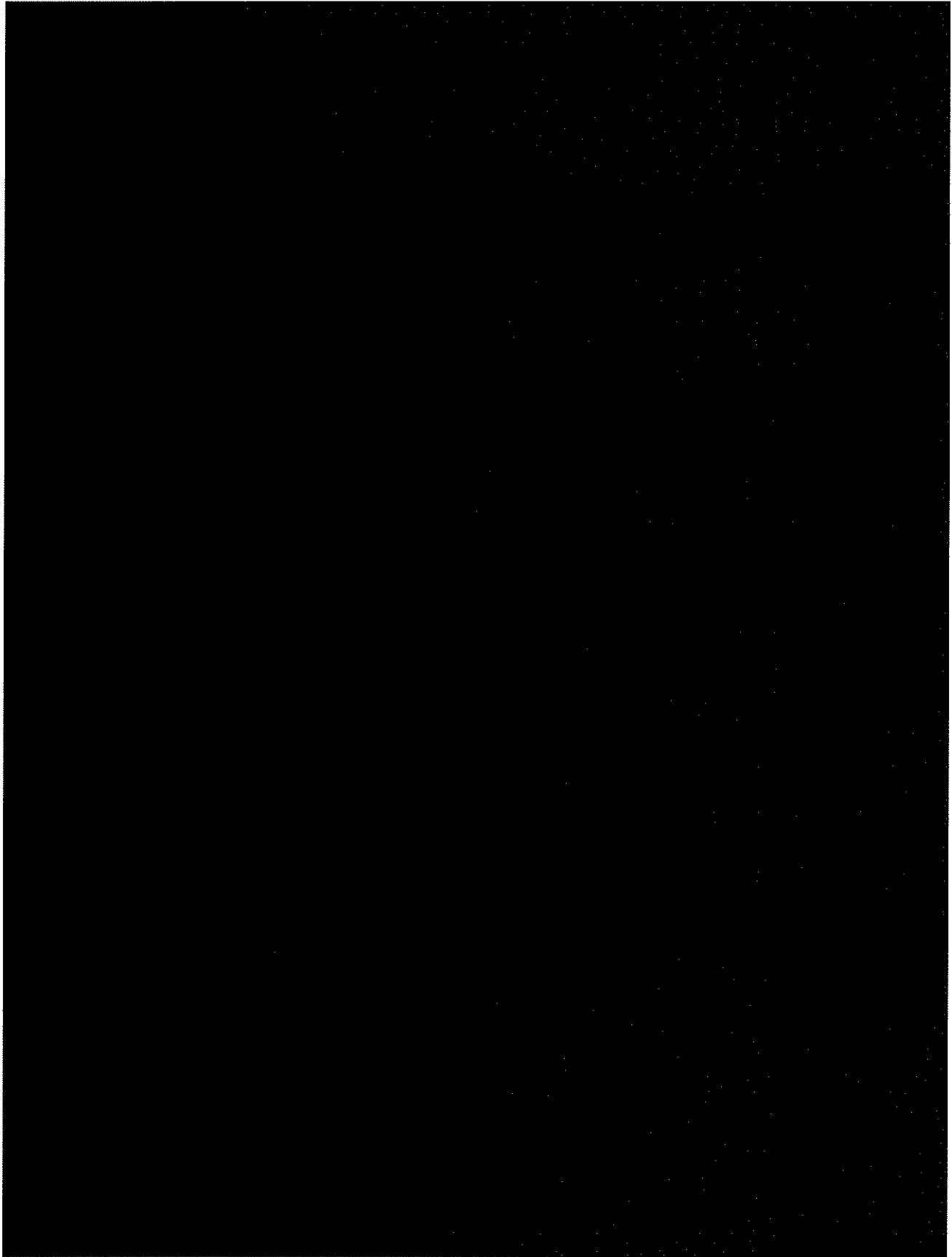


February 5, 2016

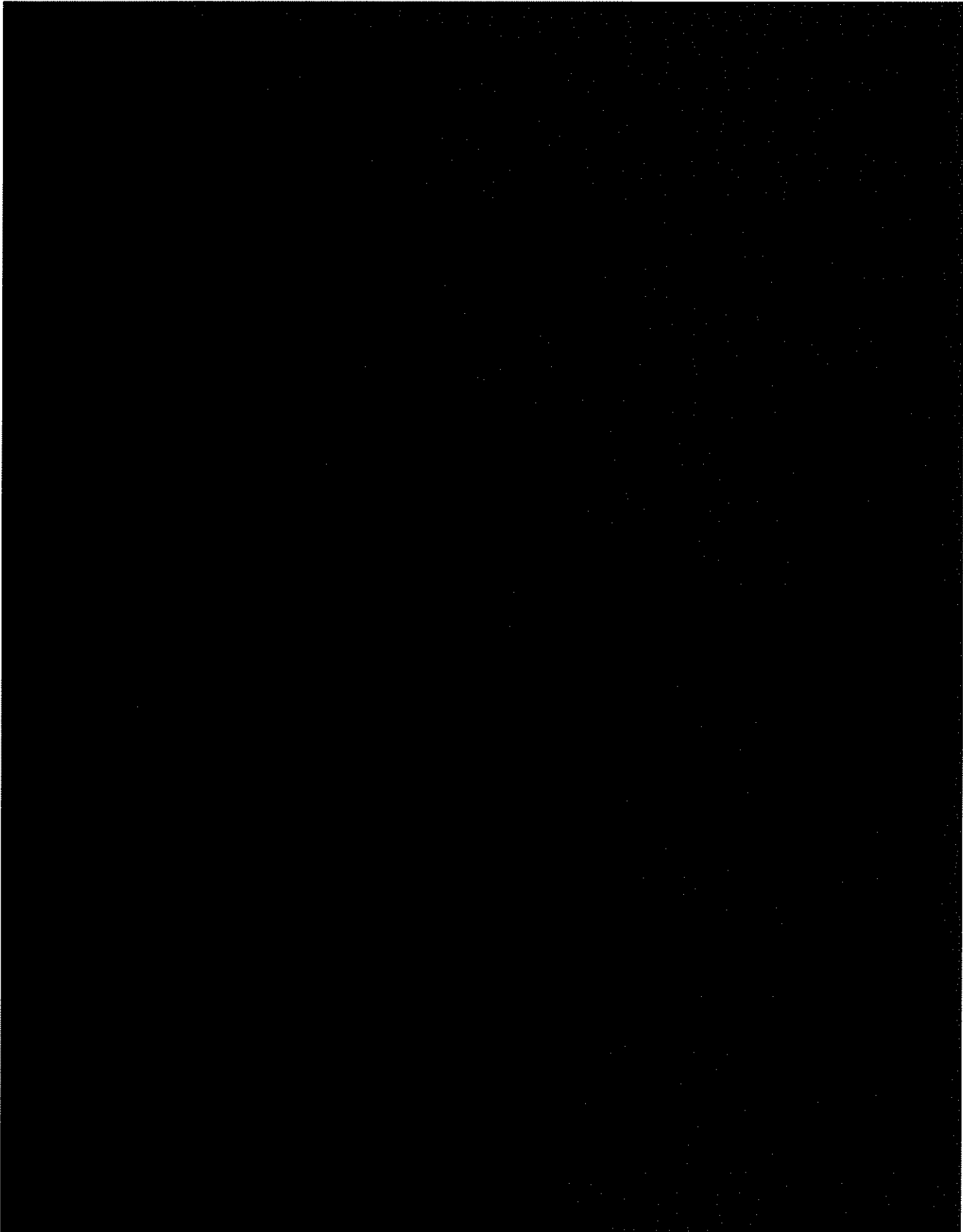
RFP# DEF-LT-020516



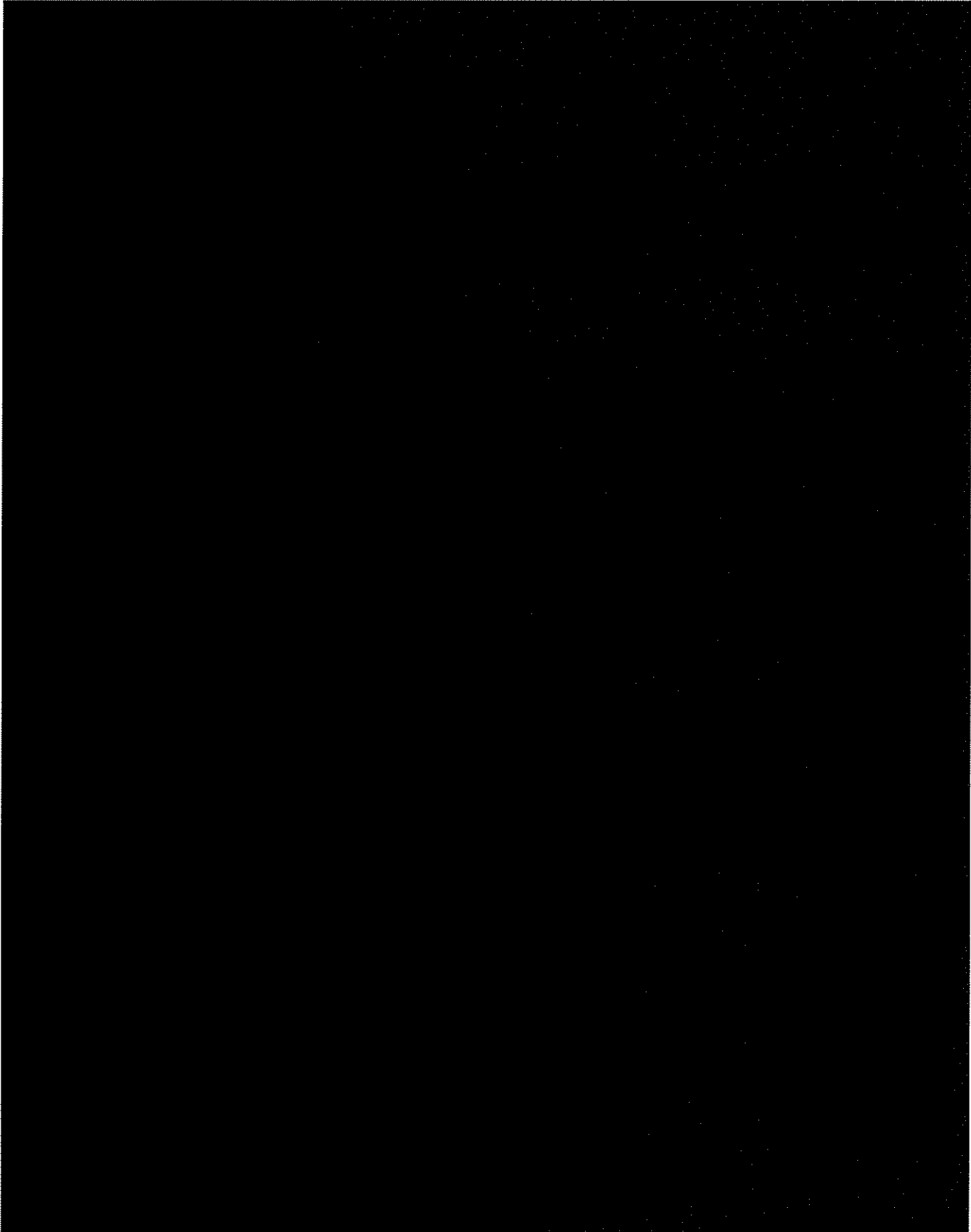
REDACTED



REDACTED



REDACTED



REDACTED



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

COMPANY (State)	DELIVERY POINT	SUPPLY SOURCE - Onshore, Offshore or LIFT Percentage From Supply Source	TERMS		SPECIFICATIONS			INDEX (MMBtu/USBbl)	Location (e.g. "SPIC" - State of "TX" for "SPIC" - State of "TX") for "SPIC" (US)	Price Index (Discounted to Cost of \$)	NOTES/OTHER	Price Index - Price Index - US\$ per Bbl	Estimated Fuel Costs	Risk
			Start	Termination	MM (physical)	MM (financial)	Type of Service							
[REDACTED]														

REDACTED

DEF-17FL-FUEL-00024

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

COMPANY (Name)	DELIVERY POINT	SUPPLY SOURCE - Ouchterlony, Ouchterlony or LRG / Percentage from Supply Source	Start	Termination	IRM (Estimate) / MAX (Estimate)	Type of Service	PRICE (AVANCE) (L) / (PRICE)	Location (i.e. FEIN, Zone F, or "N/A" for AVANCE (L))	Price Adder (Discount) (L) / (L) or "N/A"	NOTE/OTHER	Average FEIN, Zone F, or "N/A" for AVANCE (L)	Price Adder (Discount) (L) / (L) or "N/A"	Estimated Total Basis	Risk
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

REDACTED

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

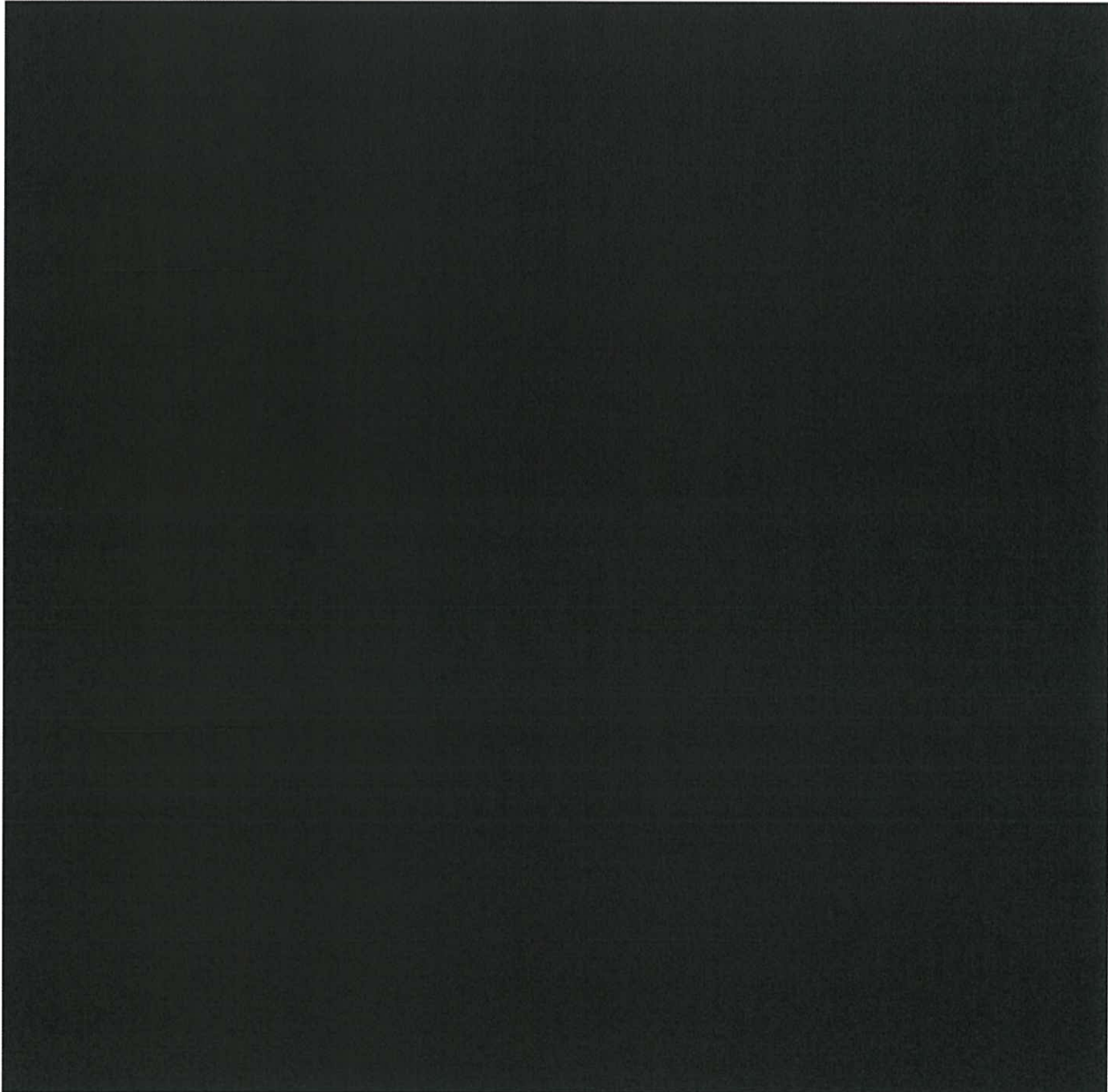
COMPANY (Name)	DELIVERY POINT	SUPPLY SOURCE - Onshore, Offshore, or LNG (Percentage from Supply Source)	Start	Termination	MAX (Dth/Day)	MAX (Dth/Day)	TYPE OF SERVICE	PRICE (PRICE/LEB / PRICE)	Location (i.e. FERC "Zone A" or "B") for WHEELING	Price Index (Discount) in LER or B	NOTES/OTHER	Price Index (Discount) in LER or B	Estimated Total Rols	Roll
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

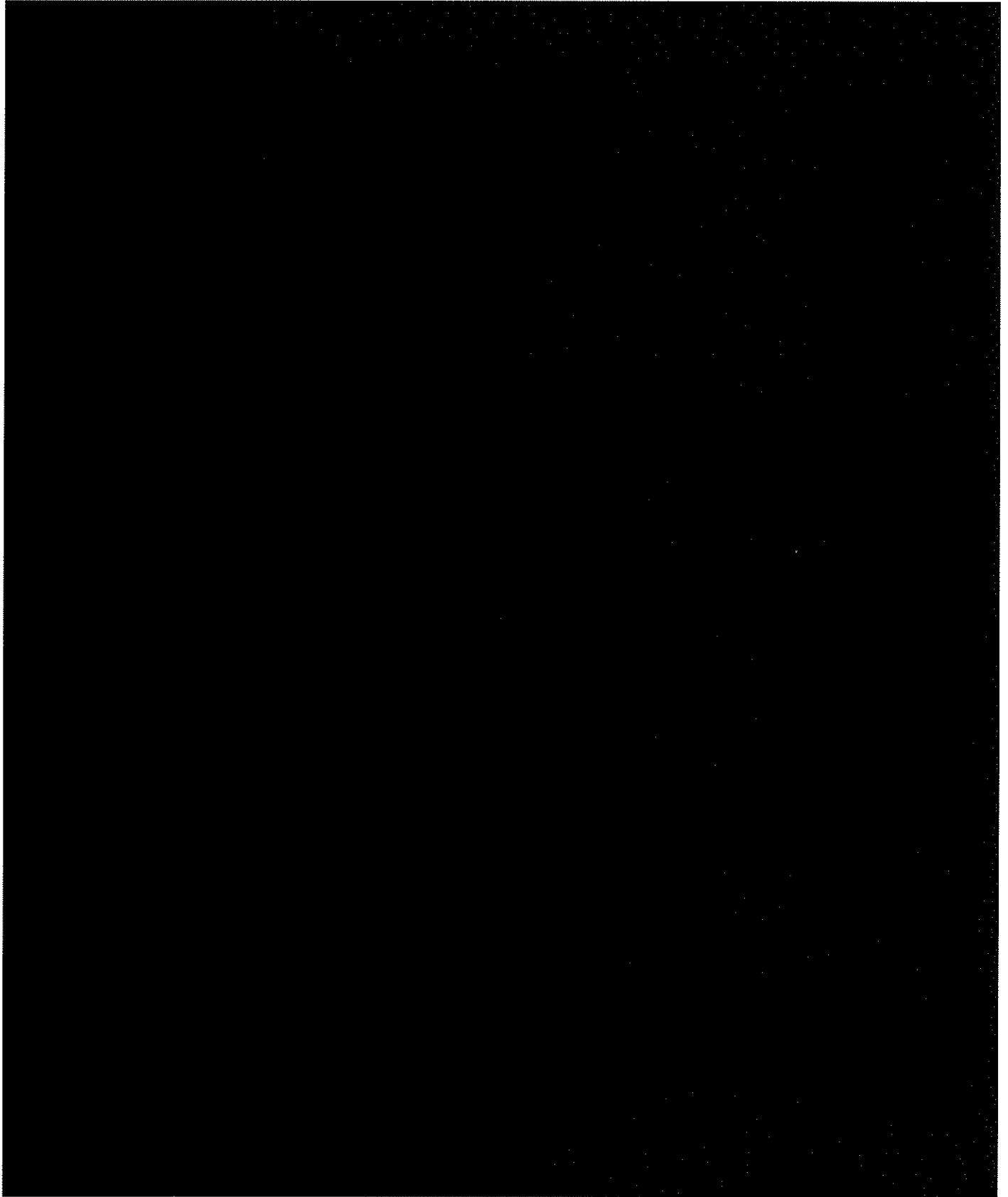
COMPANY (Name)	DELIVERY POINT	SUPPLY SOURCE - Onshore, Offshore, or LNG (Percentage from Supply Source)	Start	Termination	MAX (Dth/Day)	MAX (Dth/Day)	TYPE OF SERVICE	PRICE (PRICE/LEB / PRICE)	Location (i.e. FERC "Zone A" or "B") for WHEELING	Price Index (Discount) in LER or B	NOTES/OTHER	Price Index (Discount) in LER or B	Estimated Total Rols	Roll
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]



October 26, 2016

RFP# DEF-LT-102616

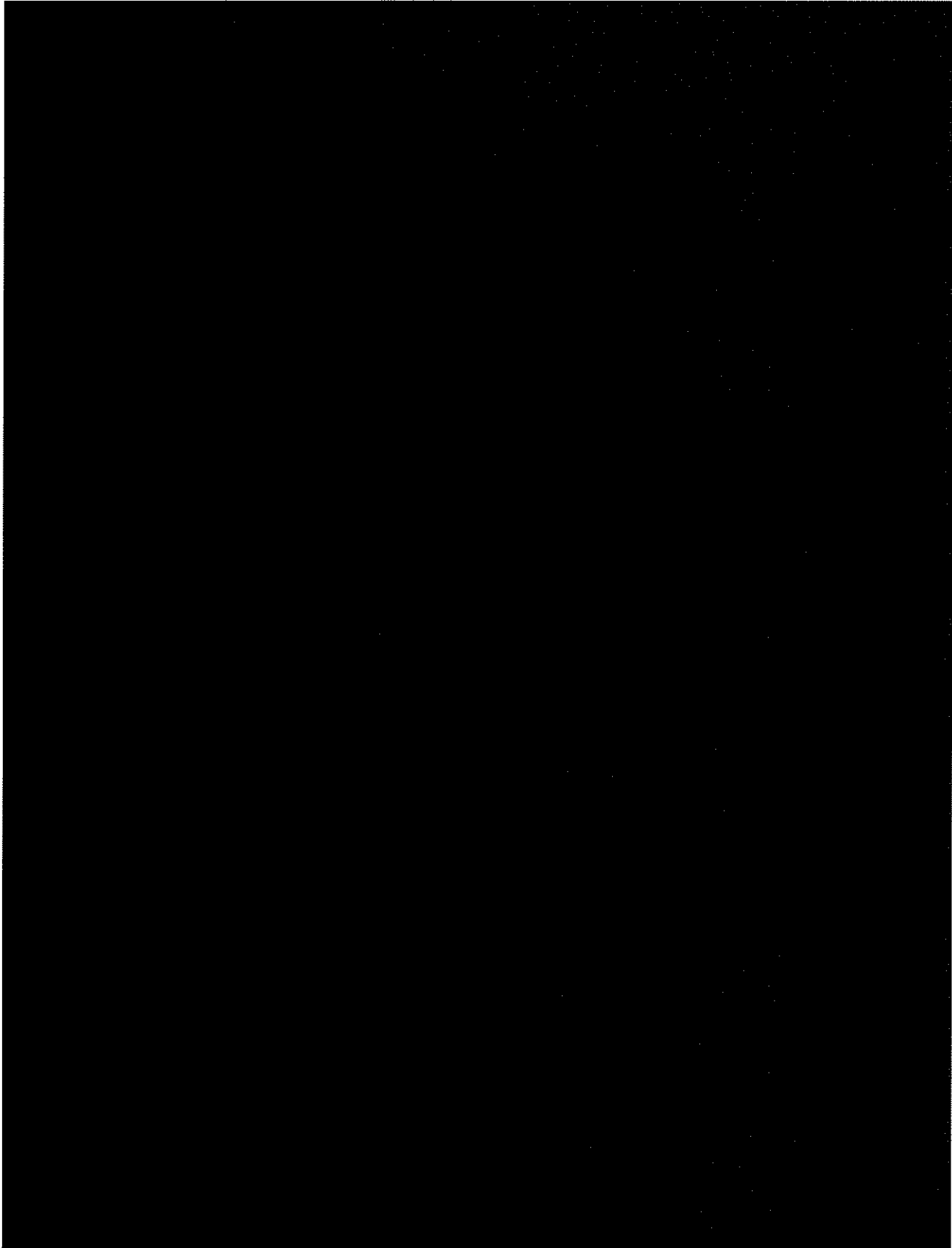




REDACTED

Docket No. 170001-EI
DEF's Responset o Staff's 1st Set of Rogs (1-9)

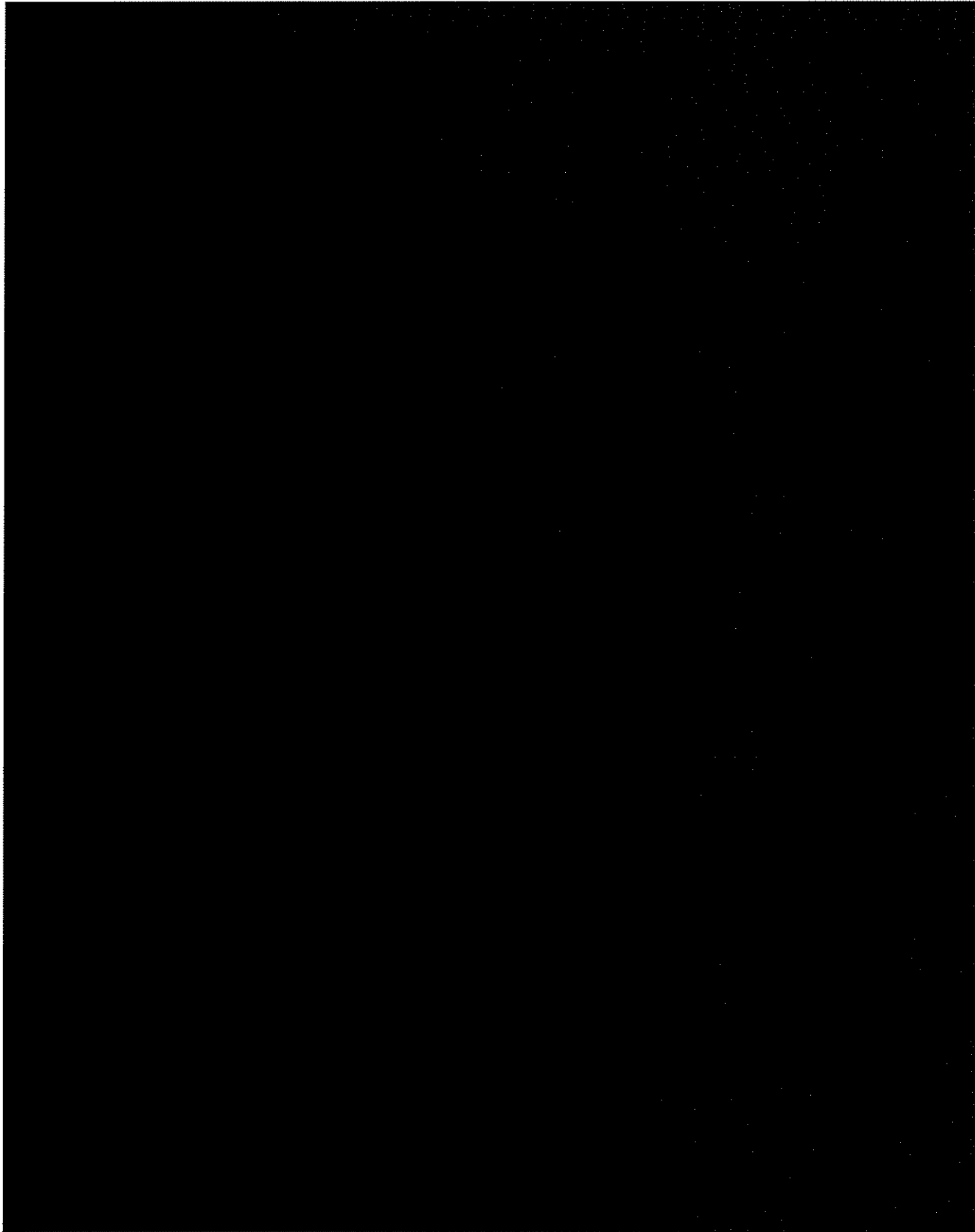
Q4

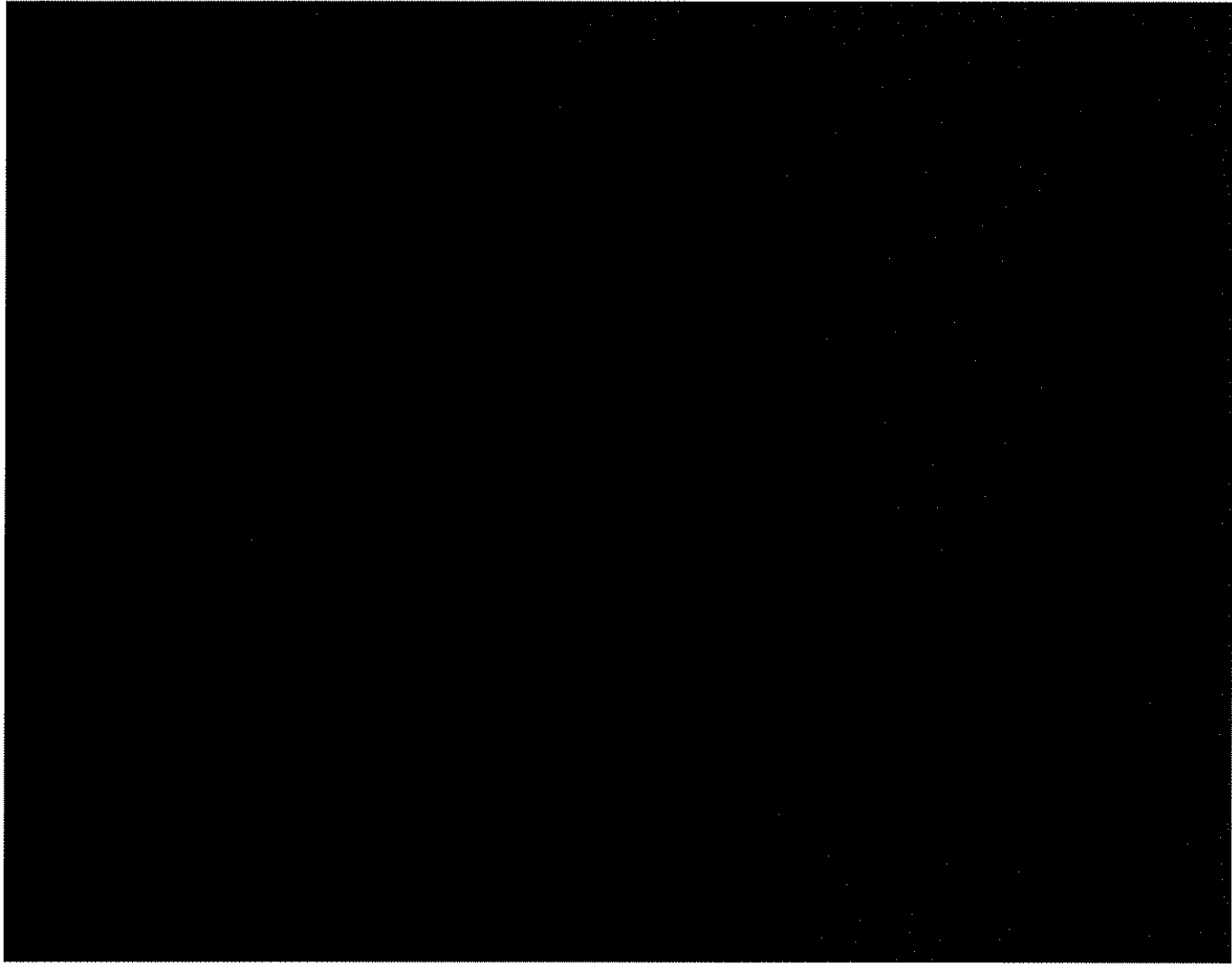


REDACTED

Docket No. 170001-EI
DEF's Responset o Staff's 1st Set of Rogs (1-9)

Q4





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

COMPANY (Seller)	DELIVERY POINT	SUPPLY SOURCE - Onshore, Offshore or LNG / Percentage of Total Supply Volume	Start	Termination	WELLHEAD		PLACING		Notes/Comments	Average BTDC (Average of BTDC "A" for NYMEX LHS & "B" for NYMEX LHS)	Price Index (LHS or BTDC)	If Paid in Advance	Escalated Total Basis	Risk
					NYMEX (NYMEX LHS)	NYMEX (NYMEX LHS)	NYMEX (NYMEX LHS)	NYMEX (NYMEX LHS)						
[REDACTED]														

REDACTED

DEF-17FL-FUEL-00033

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

COMPANY (Biller)	DELIVERY POINT	SUPPLY SOURCE - Onshore, Offshore or UMS / Percentage from Supply Source	Start	End	Transmission	MISC		Type of Service	MISC (POWER LOSS / B/E/C)	Location (i.e. B/E/C "Zone A" or "NAM" for B/E/C)	Power Added or Lost (MW or P/E/C)	NOTES/OTHER	Average B/E/C "W" for MISC (L/S)	Power Added (MW or P)	Estimated Total Block	Mark	
						MM (D/M/YY)	MM (D/M/YY)										
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

REDACTED

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

COMPANY (Name)	SECURITY FORT	SUPPLY SOURCE - Outlook, Outlook or DMU Percentage with Supply Source	Start	Transmission	MW (MW) (MW) (MW)	Type of Service	PRIORITY		NOTES/OTHER	Prior Address (US or F)	Estimated Total Block	Block
							REGULATORY (REG)	MARKETING (MKT)				
[REDACTED]												

REDACTED

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

COMPANY (Bidder)	DELIVERY POINT	SUPPLY SOURCE - Onshore, Offshore or LHM / Percentage from Supply Source	Start	Termination	WELL-LOG		Type of Service	INDEX (WYBEX, LIS) / B/E/C	Location (i.e. B/E/C "Zone F" or "NW" for WYBEX, LIS)	Price Acker or (Disallowed) by LIS or B/E	NOTES/OTHER	Average B/E/C Bids for Term of "F" for WYBEX, LIS	Price Acker (Disallowed) by LIS or B/E	Estimated Total Bids	Rank
					WELL-LOG	WELL-LOG									
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

REDACTED

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

COMPANY (b)(6)	DELIVERY POINT	SUPPLY SOURCE - Onshore, Offshore or LNG Percentage from Supply Source	Start	Termination	MM (On/Off) / MMS (On/Off)	TYPE OF SERVICE	INDEX (BWEKX, LIB) / (BWEKX)	Location (i.e. BWEKX "Zone P" or "NAP" for BWEKX LIB)	Price Index or (BWEKX, LIB) or (BWEKX)	NOTES/OTHER	Average B/EBC Ratio for 2015 & 2016	Price Index (BWEKX, LIB) or (BWEKX)	Estimated Total Bids	Rank
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

REDACTED

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:

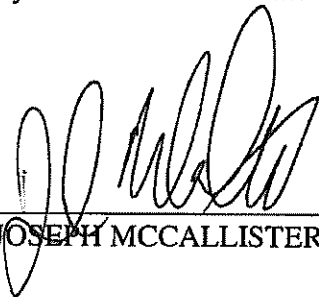
The Net Metering Settlement line on Schedule A-2 has been used since 2008. It reflects the expense of issuing net metering customers a credit for energy supplied back to DEF's grid above their usage. DEF aggregates the annual amount and includes that adjustment in the fuel clause in the following year. 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.

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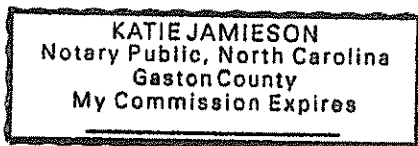
STATE OF NORTH CAROLINA
COUNTY OF MECKLENBURG


I hereby certify that on this 27 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 27 day of February, 2017.



JOSEPH MCCALLISTER





Katie Jamieson
Notary Public
State of North Carolina

My Commission Expires:

June 14, 2021

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STATE OF FLORIDA

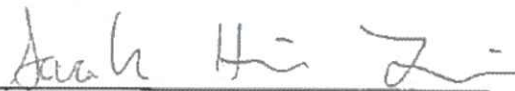
COUNTY OF PINELLAS

I hereby certify that on this 20 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 20 day of February, 2017.


CHRISTOPHER A. MENENDEZ




Notary Public
State of Florida

My Commission Expires:

3/23/2018