



Matthew R. Bernier
Senior Counsel
Duke Energy Florida, LLC.

August 18, 2017

VIA ELECTRONIC FILING

Ms. Carlotta Stauffer, Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399-0850

Re: *Fuel and purchased power cost recovery clause with generating performance incentive factor; Docket No. 20170001-EI*

Dear Ms. Stauffer:

Please find enclosed for electronic filing on behalf of Duke Energy Florida, LLC ("DEF"), DEF's Request for Confidential Classification filed in connection with the direct testimony of Joseph McCallister and Exhibit __ (JM-1P). The filing includes the following:

- DEF's Request for Confidential Classification
- Slipsheet for confidential Exhibit A
- Redacted Exhibit B (two copies)
- Exhibit C (justification matrix), and
- Exhibit D (affidavit of Joseph McCallister)

DEF's confidential Exhibit A that accompanies the above-referenced filing has been submitted under separate cover.

Thank you for your assistance in this matter. Please feel free to call me at (850) 521-1428 should you have any questions concerning this filing.

Respectfully,

s/Matthew R. Bernier

Matthew R. Bernier
Senior Counsel
Matthew.Bernier@duke-energy.com

MRB/mw
Enclosures

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Fuel and purchased power cost
Recovery clause with generating
performance incentive factor.

Docket No. 20170001-EI

Dated: August 18, 2017

**DUKE ENERGY FLORIDA'S
REQUEST FOR CONFIDENTIAL CLASSIFICATION**

Duke Energy Florida, LLC (“DEF” or “Company”), pursuant to Section 366.093, Florida Statutes (F.S.) and Rule 25-22.006, Florida Administrative Code, submits this Request for Confidential Classification for certain information contained in the direct Testimony of Joseph McCallister and Exhibit ___(JM-1P) filed on August 18, 2017 in the above referenced docket.

In support of this Request, DEF states:

1. The direct testimony of Joseph McCallister, specifically page 3 and Exhibit ___(JM-1P), DEF’s Supplemental Hedging Report for the period January 2017 through July 2017, contain information that is “proprietary confidential business information” under Section 366.093(3), Florida Statutes.

2. The following exhibits are included with this request:

(a) Sealed Composite Exhibit A is a package containing an unredacted copy of all the documents for which DEF seeks confidential treatment. Composite Exhibit A is being submitted separately in a sealed envelope labeled “CONFIDENTIAL.” In the unredacted version, the information asserted to be confidential is highlighted in yellow.

(b) Composite Exhibit B is a package containing two copies of redacted versions of the documents for which the Company requests confidential classification. The

specific information for which confidential treatment is requested has been blocked out by opaque marker or other means.

(c) Exhibit C is a table which identifies by page and line the information for which DEF seeks confidential classification and the specific statutory basis for seeking confidential treatment.

(d) Exhibit D is an affidavit attesting to the confidential nature of information identified in this request.

3. As indicated in Exhibit C, the information for which DEF requests confidential classification is “proprietary confidential business information” within the meaning of Section 366.093(3), F.S. Specifically, the information at issue relates to the actual hedging data such as forecasted hedging percentages, hedging amounts, volumes, hedging costs, and hedging gains/losses, the disclosure of which would impair the efforts of the Company or its affiliates to negotiate fuel supply contracts on favorable terms. *See* § 366.093(3)(d), F.S.; Affidavit of Joseph McCallister at ¶ 5. Furthermore, the information at issue relates to the competitive interests of DEF and its fuel suppliers, the disclosure of which would impair their competitive businesses. § 366.093(3)(e), F.S.; Affidavit of Joseph McCallister at ¶¶ 5 and 6. Accordingly, such information constitutes “proprietary confidential business information” which is exempt from disclosure under the Public Records Act pursuant to Section 366.093(1), F.S.

4. The information identified as Exhibit “A” is intended to be and is treated as confidential by the Company. *See* Affidavit of Joseph McCallister at ¶ 7. The information has not been disclosed to the public, and the Company has treated and continues to treat the information and contracts at issue as confidential. *See* Affidavit of Joseph McCallister at ¶ 7.

5. DEF requests that the information identified in Exhibit A be classified as “proprietary confidential business information” within the meaning of section 366.093(3), F.S., that the information remain confidential for a period of at least 18 months as provided in section 366.093(4) F. S., and that the information be returned as soon as it is no longer necessary for the Commission to conduct its business.

WHEREFORE, for the foregoing reasons, DEF respectfully requests that this Request for Confidential Classification be granted.

Respectfully submitted this 18th day of August, 2017.

*s/Matthew R. Bernier*_____

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Attorneys for

DUKE ENERGY FLORIDA, LLC

Duke Energy Florida, Inc.
CERTIFICATE OF SERVICE
Docket No. 20170001-EI

I HEREBY CERTIFY that a true and correct copy of the foregoing has been furnished via email this 18th day of August, 2017 to all parties of record as indicated below.

s/Matthew R. Bernier
Attorney

<p>Suzanne S. Brownless Danijela Janjic Office of General Counsel Florida Public Service Commission 2540 Shumard Oak Blvd. Tallahassee, FL 32399-0850 sbrownle@psc.state.fl.us djanjic@psc.state.fl.us asoete@psc.state.fl.us</p> <p>James D. Beasley J. Jeffry Wahlen Ausley McMullen P.O. Box 391 Tallahassee, FL 32302 jbeasley@ausley.com jwahlen@ausley.com</p> <p>Russell A. Badders Steven R. Griffin Beggs & Lane P.O. Box 12950 Pensacola, FL 32591 rab@beggslane.com srg@beggslane.com</p> <p>James W. Brew Laura A. Wynn Stone Matheis Xenopoulos & Brew 1025 Thomas Jefferson Street, NW 8th Floor, West Tower Washington, DC 20007 jbrew@smxblaw.com law@smxblaw.com</p>	<p>Mike Cassel, Director Regulatory Affairs Florida Public Utilities Company 1750 S 14th Street, Suite 200 Fernandina Beach, FL 32034 mcassel@fpuc.com</p> <p>Rhonda J. Alexander Regulatory and Pricing Manager Gulf Power Company One Energy Place Pensacola, FL 32520-0780 rjalexad@southernco.com</p> <p>Jeffrey A. Stone, General Counsel Gulf Power Company One Energy Place Pensacola, FL 32520-0780 jastone@southernco.com</p> <p>Beth Keating Gunster, Yoakley & Stewart, P.A. 215 South Monroe Street, Suite 601 Tallahassee, FL 32301 bkeating@gunster.com</p> <p>Charles J. Rehwinkel / Erik Sayler J.R. Kelly / Patty Christensen Office of Public Counsel c/o The Florida Legislature 111 W. Madison Street, Room 812 Tallahassee, FL 32399-1400 rehwinkel.charles@leg.state.fl.us sayler.erik@leg.state.fl.us kelly.jr@leg.state.fl.us christensen.patty@leg.state.fl.us</p>	<p>Ms. Paula K. Brown Manager, Regulatory Coordination Tampa Electric Company P.O. Box 111 Tampa, FL 33601 regdept@tecoenergy.com</p> <p>John T. Butler Maria Jose Moncada Florida Power & Light Company 700 Universe Boulevard (LAW/JB) Juno Beach, FL 33408-0420 john.butler@fpl.com maria.moncada@fpl.com</p> <p>Kenneth Hoffman, Vice President Regulatory Affairs Florida Power & Light Company 215 S. Monroe Street, Suite 810 Tallahassee, FL 32301-1858 ken.hoffman@fpl.com</p> <p>Jon C. Moyle, Jr. Moyle Law Firm, PA 118 North Gadsden Street Tallahassee, FL 32301 jmoyle@moylelaw.com</p> <p>Robert Scheffel Wright John T. LaVia, III c/o Gardner Law Firm 1300 Thomaswood Drive Tallahassee, FL 32308 schef@gbwlegal.com jlavia@gbwlegal.com</p>
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Exhibit A

“CONFIDENTIAL”

(filed under separate cover)

Exhibit B

REDACTED

(Copy-1)

1 **Q. What is the purpose of your testimony?**

2 **A.** The purpose of this testimony is to outline DEF's hedging results for January 2017
3 through July 2017.

4

5 **Q. Are you sponsoring any exhibits to your testimony?**

6 **A.** Yes, I am sponsoring the following exhibit:

- 7 • Exhibit No.____ (JM-1P) – Hedging Results for January 2017 through July
8 2017 (*filed August 18, 2017*).

9

10 **Q. What are the objectives of DEF's hedging activities?**

11 **A.** The objectives of DEF's hedging strategy are to reduce the impacts of fuel price
12 risk and volatility over time, and provide a greater degree of fuel price certainty for
13 DEF's customers for a portion of fuel costs.

14

REDACTED

15 **Q. Describe DEF's hedging activities that the Company has executed for 2018.**

16 **A.** As approved by the Commission, DEF is currently under a moratorium on hedging
17 pending Commission review in Docket 20170057-EI and has not executed any
18 financial hedges for any periods since October 21, 2016. As of July 31, 2017, DEF
19 had hedges in place for approximately ■■■ percent of its current forecasted natural
20 gas burns for 2018 pursuant to its Commission-approved 2015 Risk Management
21 Plan. Please note, the current forecasted percentage of natural gas burns hedged
22 could vary over time based on actual versus projected burns.

23

Natural Gas			Hedged Volumes (MMBtu's)			Actual Burn (Generation & Tolling)	Hedged Burns	% Hedged with Financial	% Hedged with Physical	
Savings/(Cost) on Hedges										
Year	Financial	Physical	Total	Financial	Physical	Total Hedged				
Jan-17										
Feb-17										
Mar-17										
Apr-17										
May-17										
Jun-17										
Jul-17										
YTD	(\$18,696,600)	\$0	(\$18,696,600)	63,620,000	0	63,620,000	129,150,000	49%	100%	0%

See Note 1
See Note 2

Note 1: Actual burns for periods January 2017 through June 2017. July 2017 burn numbers are considered estimates subject to minor adjustments based on actual bookings.

Note 2: Based on actual fuel burns for January 2017 through June 2017, and forecasted fuel burns for July 2017.

**DEF Gas Hedging Status
REDACTED**

Physical/ Financial	Instrument	Put/Call	Month	Trade Number	Counterparty	Market	Location	Volume	Fixed Price (\$/MMBtu)	Settlement (\$/MMBtu)	Savings/Cost on Hedge	Actual/Projected Burns	% Hedged
Financial	Financial Option	Call	1/1/2017	3339456	Merrill LynchCom E EM	IFERC	Henry Hub			\$3.9400			
Financial	Financial Option	Put	1/1/2017	3339456	Merrill LynchCom E EM	IFERC	Henry Hub			\$3.9400			
Financial	Financial Option	Call	1/1/2017	3340629	Merrill LynchCom E EM	IFERC	Henry Hub			\$3.9400			
Financial	Financial Option	Put	1/1/2017	3340629	Merrill LynchCom E EM	IFERC	Henry Hub			\$3.9400			
Financial	Financial Option	Call	1/1/2017	3344768	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.9300			
Financial	Financial Option	Put	1/1/2017	3344768	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.9300			
Financial	Financial Option	Call	1/1/2017	3348100	Merrill LynchCom E EM	NYMEX NG L1D	Henry Hub			\$3.9300			
Financial	Financial Option	Put	1/1/2017	3348100	Merrill LynchCom E EM	NYMEX NG L1D	Henry Hub			\$3.9300			
Financial	Financial Option	Call	1/1/2017	3353287	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.9300			
Financial	Financial Option	Put	1/1/2017	3353287	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.9300			
Financial	Financial Option	Call	1/1/2017	3364000	Macquarie Bank Ltd	NYMEX NG L1D	Henry Hub			\$3.9300			
Financial	Financial Option	Put	1/1/2017	3364000	Macquarie Bank Ltd	NYMEX NG L1D	Henry Hub			\$3.9300			
Financial	Financial Option	Call	1/1/2017	3365803	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.9300			
Financial	Financial Option	Put	1/1/2017	3365803	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.9300			
Financial	Financial Option	Call	1/1/2017	3368554	Scotia Bank	NYMEX NG L1D	Henry Hub			\$3.9300			
Financial	Financial Option	Put	1/1/2017	3368554	Scotia Bank	NYMEX NG L1D	Henry Hub			\$3.9300			
Financial	Financial Option	Call	1/1/2017	3371049	Morgan Stanley E	NYMEX NG L1D	Henry Hub			\$3.9300			
Financial	Financial Option	Put	1/1/2017	3371049	Morgan Stanley E	NYMEX NG L1D	Henry Hub			\$3.9300			
Financial	Financial Option	Call	1/1/2017	3375608	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.9300			
Financial	Financial Option	Put	1/1/2017	3375608	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.9300			
Financial	Financial Option	Call	1/1/2017	3376796	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.9300			
Financial	Financial Option	Put	1/1/2017	3376796	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.9300			
Financial	Financial Option	Call	1/1/2017	3378169	Scotia Bank	NYMEX NG L1D	Henry Hub			\$3.9300			
Financial	Financial Option	Put	1/1/2017	3378169	Scotia Bank	NYMEX NG L1D	Henry Hub			\$3.9300			
Financial	Financial Option	Call	1/1/2017	3379245	NextEra EnergyE EM G	NYMEX NG L1D	Henry Hub			\$3.9300			
Financial	Financial Option	Put	1/1/2017	3379245	NextEra EnergyE EM G	NYMEX NG L1D	Henry Hub			\$3.9300			
Financial	Financial Option	Call	1/1/2017	3379391	Scotia Bank	NYMEX NG L1D	Henry Hub			\$3.9300			
Financial	Financial Option	Put	1/1/2017	3379391	Scotia Bank	NYMEX NG L1D	Henry Hub			\$3.9300			
Financial	Financial Swap		1/1/2017	3226743	Merrill LynchCom E EM	IFERC	Transco Zone 4			\$3.9000			
Financial	Financial Swap		1/1/2017	3226744	Citigroup Energy E	IFERC	Transco Zone 4			\$3.9000			
Financial	Financial Swap		1/1/2017	3226749	BKMONTREAL	IFERC	Transco Zone 4			\$3.9000			
Financial	Financial Swap		1/1/2017	3226753	JPMorganChase Bank E	IFERC	Columbia Gulf			\$3.8400			
Financial	Financial Swap		1/1/2017	3226755	BKMONTREAL	IFERC	Columbia Gulf			\$3.8400			
Financial	Financial Swap		1/1/2017	3226758	Macquarie Bank Ltd	IFERC	Henry Hub			\$3.9400			
Financial	Financial Swap		1/1/2017	3226769	Merrill LynchCom E EM	IFERC	Henry Hub			\$3.9400			
Financial	Financial Swap		1/1/2017	3226797	BKMONTREAL	IFERC	Henry Hub			\$3.9400			
Financial	Financial Swap		1/1/2017	3226800	Merrill LynchCom E EM	IFERC	Transco Zone 4			\$3.9000			
Financial	Financial Swap		1/1/2017	3226802	Merrill LynchCom E EM	IFERC	Henry Hub			\$3.9400			
Financial	Financial Swap		1/1/2017	3228846	JPMorganChase Bank E	IFERC	Henry Hub			\$3.9400			
Financial	Financial Swap		1/1/2017	3238361	Merrill LynchCom E EM	IFERC	Henry Hub			\$3.9400			
Financial	Financial Swap		1/1/2017	3238366	Citigroup Energy E	IFERC	Henry Hub			\$3.9400			
Financial	Financial Swap		1/1/2017	3247193	Citigroup Energy E	IFERC	Henry Hub			\$3.9400			
Financial	Financial Swap		1/1/2017	3247210	JPMorganChase Bank E	IFERC	Transco Zone 4			\$3.9000			
Financial	Financial Swap		1/1/2017	3251363	Citigroup Energy E	IFERC	Transco Zone 4			\$3.9000			
Financial	Financial Swap		1/1/2017	3259756	JPMorganChase Bank E	IFERC	Columbia Gulf			\$3.8400			
Financial	Financial Swap		1/1/2017	3262325	Macquarie Bank Ltd	IFERC	Columbia Gulf			\$3.8400			
Financial	Financial Swap		1/1/2017	3262764	Citigroup Energy E	IFERC	Columbia Gulf			\$3.8400			
Financial	Financial Swap		1/1/2017	3281831	JPMorganChase Bank E	IFERC	Henry Hub			\$3.9400			
Financial	Financial Swap		1/1/2017	3292665	Merrill LynchCom E EM	IFERC	Columbia Gulf			\$3.8400			
Financial	Financial Swap		1/1/2017	3293956	Merrill LynchCom E EM	IFERC	Columbia Gulf			\$3.8400			
Financial	Financial Swap		1/1/2017	3298143	Merrill LynchCom E EM	IFERC	Transco Zone 4			\$3.9000			
Financial	Financial Swap		1/1/2017	3310890	Morgan Stanley E	IFERC	Transco Zone 4			\$3.9000			
Financial	Financial Swap		1/1/2017	3317959	Citigroup Energy E	IFERC	Transco Zone 4			\$3.9000			
Financial	Financial Swap		1/1/2017	3321309	Citigroup Energy E	IFERC	Transco Zone 4			\$3.9000			
Financial	Financial Swap		1/1/2017	3322309	Merrill LynchCom E EM	IFERC	Transco Zone 4			\$3.9000			
Financial	Financial Swap		1/1/2017	3322489	Merrill LynchCom E EM	IFERC	Transco Zone 4			\$3.9000			
Financial	Financial Swap		1/1/2017	3323582	JPMorganChase Bank E	IFERC	Transco Zone 4			\$3.9000			
Financial	Financial Swap		1/1/2017	3324360	Citigroup Energy E	IFERC	Transco Zone 4			\$3.9000			
Financial	Financial Swap		1/1/2017	3327190	JPMorganChase Bank E	IFERC	Transco Zone 4			\$3.9000			
Financial	Financial Swap		1/1/2017	3333331	Macquarie Bank Ltd	IFERC	Transco Zone 4			\$3.9000			
Financial	Financial Swap		1/1/2017	3340910	Macquarie Bank Ltd	IFERC	Columbia Gulf			\$3.8400			
Financial	Financial Swap		1/1/2017	3352500	Scotia Bank	IFERC	Transco Zone 4			\$3.9000			

Physical/ Financial	Instrument	Put/Call	Month	Trade Number	Counterparty	Market	Location	Volume	Fixed Price (\$/MMBtu)	Settlement (\$/MMBtu)	Savings/Cost on Hedge	Actual/Projected Burns	% Hedged
Financial	Financial Swap		1/1/2017	3353714	BKMONTREAL	IFERC	Transco Zone 4			\$3.9000			
Financial	Financial Swap		1/1/2017	3356329	Citigroup Energy E	IFERC	Transco Zone 4			\$3.9000			
Financial	Financial Swap		1/1/2017	3360090	Macquarie Bank Ltd	IFERC	Transco Zone 4			\$3.9000			
Financial	Financial Swap		1/1/2017	3363076	Scotia Bank	IFERC	Transco Zone 4			\$3.9000			
Financial	Financial Swap		1/1/2017	3364213	Scotia Bank	IFERC	Transco Zone 4			\$3.9000			
Financial	Financial Swap		1/1/2017	3364689	Morgan Stanley E	IFERC	Transco Zone 4			\$3.9000			
Financial	Financial Swap		1/1/2017	3365344	BKMONTREAL	IFERC	Transco Zone 4			\$3.9000			
Financial	Financial Swap		1/1/2017	3368347	Merrill LynchCom E EM	IFERC	Transco Zone 4			\$3.9000			
Financial	Financial Swap		1/1/2017	3369209	Scotia Bank	IFERC	Transco Zone 4			\$3.9000			
Financial	Financial Swap		1/1/2017	3370589	BNP Paribas E,EM	IFERC	Transco Zone 4			\$3.9000			
Financial	Financial Swap		1/1/2017	3374594	BNP Paribas E,EM	IFERC	Transco Zone 4			\$3.9000			
			1/1/2017 Total									14,886,100	

Physical/ Financial	Instrument	Put/Call	Month	Trade Number	Counterparty	Market	Location	Volume	Fixed Price (\$/MMBtu)	Settlement (\$/MMBtu)	Savings/Cost on Hedge	Actual/Projected Burns	% Hedged
Financial	Financial Option	Call	2/1/2017	3339456	MerrilL ynchCom E EM	IFERC	Henry Hub			\$3.3900			
Financial	Financial Option	Put	2/1/2017	3339456	MerrilL ynchCom E EM	IFERC	Henry Hub			\$3.3900			
Financial	Financial Option	Call	2/1/2017	3340629	MerrilL ynchCom E EM	IFERC	Henry Hub			\$3.3900			
Financial	Financial Option	Put	2/1/2017	3340629	MerrilL ynchCom E EM	IFERC	Henry Hub			\$3.3900			
Financial	Financial Option	Call	2/1/2017	3344768	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.3910			
Financial	Financial Option	Put	2/1/2017	3344768	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.3910			
Financial	Financial Option	Call	2/1/2017	3348100	MerrilL ynchCom E EM	NYMEX NG L1D	Henry Hub			\$3.3910			
Financial	Financial Option	Put	2/1/2017	3348100	MerrilL ynchCom E EM	NYMEX NG L1D	Henry Hub			\$3.3910			
Financial	Financial Option	Call	2/1/2017	3353287	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.3910			
Financial	Financial Option	Put	2/1/2017	3353287	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.3910			
Financial	Financial Option	Call	2/1/2017	3364000	Macquarie Bank Ltd	NYMEX NG L1D	Henry Hub			\$3.3910			
Financial	Financial Option	Put	2/1/2017	3364000	Macquarie Bank Ltd	NYMEX NG L1D	Henry Hub			\$3.3910			
Financial	Financial Option	Call	2/1/2017	3365803	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.3910			
Financial	Financial Option	Put	2/1/2017	3365803	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.3910			
Financial	Financial Option	Call	2/1/2017	3368554	Scotia Bank	NYMEX NG L1D	Henry Hub			\$3.3910			
Financial	Financial Option	Put	2/1/2017	3368554	Scotia Bank	NYMEX NG L1D	Henry Hub			\$3.3910			
Financial	Financial Option	Call	2/1/2017	3371049	Morgan Stanley E	NYMEX NG L1D	Henry Hub			\$3.3910			
Financial	Financial Option	Put	2/1/2017	3371049	Morgan Stanley E	NYMEX NG L1D	Henry Hub			\$3.3910			
Financial	Financial Option	Call	2/1/2017	3375608	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.3910			
Financial	Financial Option	Put	2/1/2017	3375608	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.3910			
Financial	Financial Option	Call	2/1/2017	3376796	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.3910			
Financial	Financial Option	Put	2/1/2017	3376796	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.3910			
Financial	Financial Option	Call	2/1/2017	3378169	Scotia Bank	NYMEX NG L1D	Henry Hub			\$3.3910			
Financial	Financial Option	Put	2/1/2017	3378169	Scotia Bank	NYMEX NG L1D	Henry Hub			\$3.3910			
Financial	Financial Option	Call	2/1/2017	3379245	NextEra EnergyE EM G	NYMEX NG L1D	Henry Hub			\$3.3910			
Financial	Financial Option	Put	2/1/2017	3379245	NextEra EnergyE EM G	NYMEX NG L1D	Henry Hub			\$3.3910			
Financial	Financial Option	Call	2/1/2017	3379391	Scotia Bank	NYMEX NG L1D	Henry Hub			\$3.3910			
Financial	Financial Option	Put	2/1/2017	3379391	Scotia Bank	NYMEX NG L1D	Henry Hub			\$3.3910			
Financial	Financial Swap		2/1/2017	3226743	MerrilL ynchCom E EM	IFERC	Transco Zone 4			\$3.3400			
Financial	Financial Swap		2/1/2017	3226744	Citigroup Energy E	IFERC	Transco Zone 4			\$3.3400			
Financial	Financial Swap		2/1/2017	3226749	BKMONTREAL	IFERC	Transco Zone 4			\$3.3400			
Financial	Financial Swap		2/1/2017	3226753	JPMorganChase Bank E	IFERC	Columbia Gulf			\$3.2800			
Financial	Financial Swap		2/1/2017	3226755	BKMONTREAL	IFERC	Columbia Gulf			\$3.2800			
Financial	Financial Swap		2/1/2017	3226758	Macquarie Bank Ltd	IFERC	Henry Hub			\$3.3900			
Financial	Financial Swap		2/1/2017	3226769	MerrilL ynchCom E EM	IFERC	Henry Hub			\$3.3900			
Financial	Financial Swap		2/1/2017	3226797	BKMONTREAL	IFERC	Henry Hub			\$3.3900			
Financial	Financial Swap		2/1/2017	3226800	MerrilL ynchCom E EM	IFERC	Transco Zone 4			\$3.3400			
Financial	Financial Swap		2/1/2017	3226802	MerrilL ynchCom E EM	IFERC	Henry Hub			\$3.3900			
Financial	Financial Swap		2/1/2017	3228846	JPMorganChase Bank E	IFERC	Henry Hub			\$3.3900			
Financial	Financial Swap		2/1/2017	3238361	MerrilL ynchCom E EM	IFERC	Henry Hub			\$3.3900			
Financial	Financial Swap		2/1/2017	3238366	Citigroup Energy E	IFERC	Henry Hub			\$3.3900			
Financial	Financial Swap		2/1/2017	3247193	Citigroup Energy E	IFERC	Henry Hub			\$3.3900			
Financial	Financial Swap		2/1/2017	3247210	JPMorganChase Bank E	IFERC	Transco Zone 4			\$3.3400			
Financial	Financial Swap		2/1/2017	3251363	Citigroup Energy E	IFERC	Transco Zone 4			\$3.3400			
Financial	Financial Swap		2/1/2017	3259756	JPMorganChase Bank E	IFERC	Columbia Gulf			\$3.2800			
Financial	Financial Swap		2/1/2017	3262325	Macquarie Bank Ltd	IFERC	Columbia Gulf			\$3.2800			
Financial	Financial Swap		2/1/2017	3262764	Citigroup Energy E	IFERC	Columbia Gulf			\$3.2800			
Financial	Financial Swap		2/1/2017	3281831	JPMorganChase Bank E	IFERC	Henry Hub			\$3.3900			
Financial	Financial Swap		2/1/2017	3292665	MerrilL ynchCom E EM	IFERC	Columbia Gulf			\$3.2800			
Financial	Financial Swap		2/1/2017	3293956	MerrilL ynchCom E EM	IFERC	Columbia Gulf			\$3.2800			
Financial	Financial Swap		2/1/2017	3298143	MerrilL ynchCom E EM	IFERC	Transco Zone 4			\$3.3400			
Financial	Financial Swap		2/1/2017	3310890	Morgan Stanley E	IFERC	Transco Zone 4			\$3.3400			
Financial	Financial Swap		2/1/2017	3317959	Citigroup Energy E	IFERC	Transco Zone 4			\$3.3400			
Financial	Financial Swap		2/1/2017	3321309	Citigroup Energy E	IFERC	Transco Zone 4			\$3.3400			
Financial	Financial Swap		2/1/2017	3322309	MerrilL ynchCom E EM	IFERC	Transco Zone 4			\$3.3400			
Financial	Financial Swap		2/1/2017	3322489	MerrilL ynchCom E EM	IFERC	Transco Zone 4			\$3.3400			
Financial	Financial Swap		2/1/2017	3323582	JPMorganChase Bank E	IFERC	Transco Zone 4			\$3.3400			
Financial	Financial Swap		2/1/2017	3324360	Citigroup Energy E	IFERC	Transco Zone 4			\$3.3400			
Financial	Financial Swap		2/1/2017	3327190	JPMorganChase Bank E	IFERC	Transco Zone 4			\$3.3400			
Financial	Financial Swap		2/1/2017	3333331	Macquarie Bank Ltd	IFERC	Transco Zone 4			\$3.3400			
Financial	Financial Swap		2/1/2017	3340910	Macquarie Bank Ltd	IFERC	Columbia Gulf			\$3.2800			
Financial	Financial Swap		2/1/2017	3352500	Scotia Bank	IFERC	Transco Zone 4			\$3.3400			
Financial	Financial Swap		2/1/2017	3353714	BKMONTREAL	IFERC	Transco Zone 4			\$3.3400			
Financial	Financial Swap		2/1/2017	3356329	Citigroup Energy E	IFERC	Transco Zone 4			\$3.3400			
Financial	Financial Swap		2/1/2017	3360090	Macquarie Bank Ltd	IFERC	Transco Zone 4			\$3.3400			

Physical/ Financial	Instrument	Put/Call	Month	Trade Number	Counterparty	Market	Location	Volume	Fixed Price (\$/MMBtu)	Settlement (\$/MMBtu)	Savings/Cost on Hedge	Actual/Projected Burns	% Hedged
Financial	Financial Swap		2/1/2017	3363076	Scotia Bank	IFERC	Transco Zone 4	[REDACTED]		\$3.3400	[REDACTED]		
Financial	Financial Swap		2/1/2017	3364213	Scotia Bank	IFERC	Transco Zone 4			\$3.3400			
Financial	Financial Swap		2/1/2017	3364689	Morgan Stanley E	IFERC	Transco Zone 4			\$3.3400			
Financial	Financial Swap		2/1/2017	3365344	BKMONTREAL	IFERC	Transco Zone 4			\$3.3400			
Financial	Financial Swap		2/1/2017	3368347	Merril LynchCom E EM	IFERC	Transco Zone 4			\$3.3400			
Financial	Financial Swap		2/1/2017	3369209	Scotia Bank	IFERC	Transco Zone 4			\$3.3400			
Financial	Financial Swap		2/1/2017	3370589	BNP Paribas E,EM	IFERC	Transco Zone 4			\$3.3400			
Financial	Financial Swap		2/1/2017	3374594	BNP Paribas E,EM	IFERC	Transco Zone 4			\$3.3400			
			2/1/2017 Total									13,281,100	

Physical/ Financial	Instrument	Put/Call	Month	Trade Number	Counterparty	Market	Location	Volume	Fixed Price (\$/MMBtu)	Settlement (\$/MMBtu)	Savings/Cost on Hedge	Actual/Projected Burns	% Hedged
Financial	Financial Option	Call	3/1/2017	3339456	MerrilL ynchCom E EM	IFERC	Henry Hub			\$2.6270			
Financial	Financial Option	Put	3/1/2017	3339456	MerrilL ynchCom E EM	IFERC	Henry Hub			\$2.6200			
Financial	Financial Option	Call	3/1/2017	3340629	MerrilL ynchCom E EM	IFERC	Henry Hub			\$2.6200			
Financial	Financial Option	Put	3/1/2017	3340629	MerrilL ynchCom E EM	IFERC	Henry Hub			\$2.6200			
Financial	Financial Option	Call	3/1/2017	3344768	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$2.6270			
Financial	Financial Option	Put	3/1/2017	3344768	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$2.6270			
Financial	Financial Option	Call	3/1/2017	3348100	MerrilL ynchCom E EM	NYMEX NG L1D	Henry Hub			\$2.6270			
Financial	Financial Option	Put	3/1/2017	3348100	MerrilL ynchCom E EM	NYMEX NG L1D	Henry Hub			\$2.6270			
Financial	Financial Option	Call	3/1/2017	3353287	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$2.6270			
Financial	Financial Option	Put	3/1/2017	3353287	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$2.6270			
Financial	Financial Option	Call	3/1/2017	3364000	Macquarie Bank Ltd	NYMEX NG L1D	Henry Hub			\$2.6270			
Financial	Financial Option	Put	3/1/2017	3364000	Macquarie Bank Ltd	NYMEX NG L1D	Henry Hub			\$2.6270			
Financial	Financial Option	Call	3/1/2017	3365803	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$2.6270			
Financial	Financial Option	Put	3/1/2017	3365803	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$2.6270			
Financial	Financial Option	Call	3/1/2017	3368554	Scotia Bank	NYMEX NG L1D	Henry Hub			\$2.6270			
Financial	Financial Option	Put	3/1/2017	3368554	Scotia Bank	NYMEX NG L1D	Henry Hub			\$2.6270			
Financial	Financial Option	Call	3/1/2017	3371049	Morgan Stanley E	NYMEX NG L1D	Henry Hub			\$2.6270			
Financial	Financial Option	Put	3/1/2017	3371049	Morgan Stanley E	NYMEX NG L1D	Henry Hub			\$2.6270			
Financial	Financial Option	Call	3/1/2017	3375608	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$2.6270			
Financial	Financial Option	Put	3/1/2017	3375608	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$2.6270			
Financial	Financial Option	Call	3/1/2017	3376796	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$2.6270			
Financial	Financial Option	Put	3/1/2017	3376796	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$2.6270			
Financial	Financial Option	Call	3/1/2017	3378169	Scotia Bank	NYMEX NG L1D	Henry Hub			\$2.6270			
Financial	Financial Option	Put	3/1/2017	3378169	Scotia Bank	NYMEX NG L1D	Henry Hub			\$2.6270			
Financial	Financial Option	Call	3/1/2017	3379245	NextEra EnergyE EM G	NYMEX NG L1D	Henry Hub			\$2.6270			
Financial	Financial Option	Put	3/1/2017	3379245	NextEra EnergyE EM G	NYMEX NG L1D	Henry Hub			\$2.6270			
Financial	Financial Option	Call	3/1/2017	3379391	Scotia Bank	NYMEX NG L1D	Henry Hub			\$2.6270			
Financial	Financial Option	Put	3/1/2017	3379391	Scotia Bank	NYMEX NG L1D	Henry Hub			\$2.6270			
Financial	Financial Swap		3/1/2017	3226743	MerrilL ynchCom E EM	IFERC	Transco Zone 4			\$2.5500			
Financial	Financial Swap		3/1/2017	3226744	Citigroup Energy E	IFERC	Transco Zone 4			\$2.5500			
Financial	Financial Swap		3/1/2017	3226749	BKMONTREAL	IFERC	Transco Zone 4			\$2.5500			
Financial	Financial Swap		3/1/2017	3226753	JPMorganChase Bank E	IFERC	Columbia Gulf			\$2.5000			
Financial	Financial Swap		3/1/2017	3226755	BKMONTREAL	IFERC	Columbia Gulf			\$2.5000			
Financial	Financial Swap		3/1/2017	3226758	Macquarie Bank Ltd	IFERC	Henry Hub			\$2.6200			
Financial	Financial Swap		3/1/2017	3226769	MerrilL ynchCom E EM	IFERC	Henry Hub			\$2.6200			
Financial	Financial Swap		3/1/2017	3226797	BKMONTREAL	IFERC	Henry Hub			\$2.6200			
Financial	Financial Swap		3/1/2017	3226800	MerrilL ynchCom E EM	IFERC	Transco Zone 4			\$2.5500			
Financial	Financial Swap		3/1/2017	3226802	MerrilL ynchCom E EM	IFERC	Henry Hub			\$2.6200			
Financial	Financial Swap		3/1/2017	3228846	JPMorganChase Bank E	IFERC	Henry Hub			\$2.6200			
Financial	Financial Swap		3/1/2017	3238361	MerrilL ynchCom E EM	IFERC	Henry Hub			\$2.6200			
Financial	Financial Swap		3/1/2017	3238366	Citigroup Energy E	IFERC	Henry Hub			\$2.6200			
Financial	Financial Swap		3/1/2017	3247193	Citigroup Energy E	IFERC	Henry Hub			\$2.6200			
Financial	Financial Swap		3/1/2017	3247210	JPMorganChase Bank E	IFERC	Transco Zone 4			\$2.5500			
Financial	Financial Swap		3/1/2017	3251363	Citigroup Energy E	IFERC	Transco Zone 4			\$2.5500			
Financial	Financial Swap		3/1/2017	3259756	JPMorganChase Bank E	IFERC	Columbia Gulf			\$2.5000			
Financial	Financial Swap		3/1/2017	3262325	Macquarie Bank Ltd	IFERC	Columbia Gulf			\$2.5000			
Financial	Financial Swap		3/1/2017	3262764	Citigroup Energy E	IFERC	Columbia Gulf			\$2.5000			
Financial	Financial Swap		3/1/2017	3281831	JPMorganChase Bank E	IFERC	Henry Hub			\$2.6200			
Financial	Financial Swap		3/1/2017	3292665	MerrilL ynchCom E EM	IFERC	Columbia Gulf			\$2.5000			
Financial	Financial Swap		3/1/2017	3293956	MerrilL ynchCom E EM	IFERC	Columbia Gulf			\$2.5000			
Financial	Financial Swap		3/1/2017	3298143	MerrilL ynchCom E EM	IFERC	Transco Zone 4			\$2.5500			
Financial	Financial Swap		3/1/2017	3310890	Morgan Stanley E	IFERC	Transco Zone 4			\$2.5500			
Financial	Financial Swap		3/1/2017	3317959	Citigroup Energy E	IFERC	Transco Zone 4			\$2.5500			
Financial	Financial Swap		3/1/2017	3321309	Citigroup Energy E	IFERC	Transco Zone 4			\$2.5500			
Financial	Financial Swap		3/1/2017	3322309	MerrilL ynchCom E EM	IFERC	Transco Zone 4			\$2.5500			
Financial	Financial Swap		3/1/2017	3322489	MerrilL ynchCom E EM	IFERC	Transco Zone 4			\$2.5500			
Financial	Financial Swap		3/1/2017	3323582	JPMorganChase Bank E	IFERC	Transco Zone 4			\$2.5500			
Financial	Financial Swap		3/1/2017	3324360	Citigroup Energy E	IFERC	Transco Zone 4			\$2.5500			
Financial	Financial Swap		3/1/2017	3327190	JPMorganChase Bank E	IFERC	Transco Zone 4			\$2.5500			
Financial	Financial Swap		3/1/2017	3333331	Macquarie Bank Ltd	IFERC	Transco Zone 4			\$2.5500			
Financial	Financial Swap		3/1/2017	3340910	Macquarie Bank Ltd	IFERC	Columbia Gulf			\$2.5000			
Financial	Financial Swap		3/1/2017	3352500	Scotia Bank	IFERC	Transco Zone 4			\$2.5500			
Financial	Financial Swap		3/1/2017	3353714	BKMONTREAL	IFERC	Transco Zone 4			\$2.5500			
Financial	Financial Swap		3/1/2017	3356329	Citigroup Energy E	IFERC	Transco Zone 4			\$2.5500			
Financial	Financial Swap		3/1/2017	3360090	Macquarie Bank Ltd	IFERC	Transco Zone 4			\$2.5500			

Physical/ Financial	Instrument	Put/Call	Month	Trade Number	Counterparty	Market	Location	Volume	Fixed Price (\$/MMBtu)	Settlement (\$/MMBtu)	Savings/Cost on Hedge	Actual/Projected Burns	% Hedged
Financial	Financial Swap		3/1/2017	3363076	Scotia Bank	IFERC	Transco Zone 4	[REDACTED]		\$2.5500	[REDACTED]		
Financial	Financial Swap		3/1/2017	3364213	Scotia Bank	IFERC	Transco Zone 4		\$2.5500				
Financial	Financial Swap		3/1/2017	3364689	Morgan Stanley E	IFERC	Transco Zone 4		\$2.5500				
Financial	Financial Swap		3/1/2017	3365344	BKMONTREAL	IFERC	Transco Zone 4		\$2.5500				
Financial	Financial Swap		3/1/2017	3368347	Merril LynchCom E EM	IFERC	Transco Zone 4		\$2.5500				
Financial	Financial Swap		3/1/2017	3369209	Scotia Bank	IFERC	Transco Zone 4		\$2.5500				
Financial	Financial Swap		3/1/2017	3370589	BNP Paribas E,EM	IFERC	Transco Zone 4		\$2.5500				
Financial	Financial Swap		3/1/2017	3374594	BNP Paribas E,EM	IFERC	Transco Zone 4		\$2.5500				
			3/1/2017 Total									15,386,300	[REDACTED]

Physical/ Financial	Instrument	Put/Call	Month	Trade Number	Counterparty	Market	Location	Volume	Fixed Price (\$/MMBtu)	Settlement (\$/MMBtu)	Savings/Cost on Hedge	Actual/Projected Burns	% Hedged
Financial	Financial Option	Call	4/1/2017	3292660	Citigroup Energy E	NYMEX NG L1D	Henry Hub			\$3.1750			
Financial	Financial Option	Put	4/1/2017	3292660	Citigroup Energy E	NYMEX NG L1D	Henry Hub			\$3.1750			
Financial	Financial Option	Call	4/1/2017	3304154	JPMorganChase Bank E	NYMEX NG L1D	Henry Hub			\$3.1750			
Financial	Financial Option	Put	4/1/2017	3304154	JPMorganChase Bank E	NYMEX NG L1D	Henry Hub			\$3.1750			
Financial	Financial Option	Call	4/1/2017	3325561	Merrill LynchCom E EM	NYMEX NG L1D	Henry Hub			\$3.1750			
Financial	Financial Option	Put	4/1/2017	3325561	Merrill LynchCom E EM	NYMEX NG L1D	Henry Hub			\$3.1750			
Financial	Financial Option	Call	4/1/2017	3339456	Merrill LynchCom E EM	IFERC	Henry Hub			\$3.1800			
Financial	Financial Option	Put	4/1/2017	3339456	Merrill LynchCom E EM	IFERC	Henry Hub			\$3.1800			
Financial	Financial Option	Call	4/1/2017	3340629	Merrill LynchCom E EM	IFERC	Henry Hub			\$3.1800			
Financial	Financial Option	Put	4/1/2017	3340629	Merrill LynchCom E EM	IFERC	Henry Hub			\$3.1800			
Financial	Financial Option	Call	4/1/2017	3344768	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.1750			
Financial	Financial Option	Put	4/1/2017	3344768	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.1750			
Financial	Financial Option	Call	4/1/2017	3348100	Merrill LynchCom E EM	NYMEX NG L1D	Henry Hub			\$3.1750			
Financial	Financial Option	Put	4/1/2017	3348100	Merrill LynchCom E EM	NYMEX NG L1D	Henry Hub			\$3.1750			
Financial	Financial Option	Call	4/1/2017	3353287	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.1750			
Financial	Financial Option	Put	4/1/2017	3353287	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.1750			
Financial	Financial Option	Call	4/1/2017	3364000	Macquarie Bank Ltd	NYMEX NG L1D	Henry Hub			\$3.1750			
Financial	Financial Option	Put	4/1/2017	3364000	Macquarie Bank Ltd	NYMEX NG L1D	Henry Hub			\$3.1750			
Financial	Financial Option	Call	4/1/2017	3365803	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.1750			
Financial	Financial Option	Put	4/1/2017	3365803	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.1750			
Financial	Financial Option	Call	4/1/2017	3368554	Scotia Bank	NYMEX NG L1D	Henry Hub			\$3.1750			
Financial	Financial Option	Put	4/1/2017	3368554	Scotia Bank	NYMEX NG L1D	Henry Hub			\$3.1750			
Financial	Financial Option	Call	4/1/2017	3371049	Morgan Stanley E	NYMEX NG L1D	Henry Hub			\$3.1750			
Financial	Financial Option	Put	4/1/2017	3371049	Morgan Stanley E	NYMEX NG L1D	Henry Hub			\$3.1750			
Financial	Financial Option	Call	4/1/2017	3375608	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.1750			
Financial	Financial Option	Put	4/1/2017	3375608	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.1750			
Financial	Financial Option	Call	4/1/2017	3379245	NextEra EnergyE EM G	NYMEX NG L1D	Henry Hub			\$3.1750			
Financial	Financial Option	Put	4/1/2017	3379245	NextEra EnergyE EM G	NYMEX NG L1D	Henry Hub			\$3.1750			
Financial	Financial Option	Call	4/1/2017	3382352	BNP Paribas E,EM	NYMEX NG L1D	Henry Hub			\$3.1750			
Financial	Financial Option	Put	4/1/2017	3382352	BNP Paribas E,EM	NYMEX NG L1D	Henry Hub			\$3.1750			
Financial	Financial Swap		4/1/2017	3260968	Merrill LynchCom E EM	IFERC	Henry Hub			\$3.1800			
Financial	Financial Swap		4/1/2017	3262405	JPMorganChase Bank E	IFERC	Henry Hub			\$3.1800			
Financial	Financial Swap		4/1/2017	3271065	Morgan Stanley E	IFERC	Columbia Gulf			\$3.0600			
Financial	Financial Swap		4/1/2017	3273280	Merrill LynchCom E EM	IFERC	Columbia Gulf			\$3.0600			
Financial	Financial Swap		4/1/2017	3275166	Merrill LynchCom E EM	IFERC	Henry Hub			\$3.1800			
Financial	Financial Swap		4/1/2017	3277473	Citigroup Energy E	IFERC	Henry Hub			\$3.1800			
Financial	Financial Swap		4/1/2017	3277781	JPMorganChase Bank E	IFERC	Henry Hub			\$3.1800			
Financial	Financial Swap		4/1/2017	3279677	Merrill LynchCom E EM	IFERC	Henry Hub			\$3.1800			
Financial	Financial Swap		4/1/2017	3281830	Macquarie Bank Ltd	IFERC	Henry Hub			\$3.1800			
Financial	Financial Swap		4/1/2017	3283779	Citigroup Energy E	IFERC	Columbia Gulf			\$3.0600			
Financial	Financial Swap		4/1/2017	3284454	Macquarie Bank Ltd	IFERC	Columbia Gulf			\$3.0600			
Financial	Financial Swap		4/1/2017	3286347	Merrill LynchCom E EM	IFERC	Columbia Gulf			\$3.0600			
Financial	Financial Swap		4/1/2017	3293942	BNP Paribas E,EM	IFERC	Columbia Gulf			\$3.0600			
Financial	Financial Swap		4/1/2017	3297901	Merrill LynchCom E EM	IFERC	Transco Zone 4			\$3.1100			
Financial	Financial Swap		4/1/2017	3298144	Citigroup Energy E	IFERC	Transco Zone 4			\$3.1100			
Financial	Financial Swap		4/1/2017	3302075	Merrill LynchCom E EM	IFERC	Transco Zone 4			\$3.1100			
Financial	Financial Swap		4/1/2017	3306927	JPMorganChase Bank E	IFERC	Transco Zone 4			\$3.1100			
Financial	Financial Swap		4/1/2017	3310887	Merrill LynchCom E EM	IFERC	Transco Zone 4			\$3.1100			
Financial	Financial Swap		4/1/2017	3313791	Merrill LynchCom E EM	IFERC	Transco Zone 4			\$3.1100			
Financial	Financial Swap		4/1/2017	3317957	Merrill LynchCom E EM	IFERC	Transco Zone 4			\$3.1100			
Financial	Financial Swap		4/1/2017	3321308	Merrill LynchCom E EM	IFERC	Transco Zone 4			\$3.1100			
Financial	Financial Swap		4/1/2017	3322306	Merrill LynchCom E EM	IFERC	Transco Zone 4			\$3.1100			
Financial	Financial Swap		4/1/2017	3322459	Merrill LynchCom E EM	IFERC	Transco Zone 4			\$3.1100			
Financial	Financial Swap		4/1/2017	3323412	Citigroup Energy E	IFERC	Transco Zone 4			\$3.1100			
Financial	Financial Swap		4/1/2017	3324166	Macquarie Bank Ltd	IFERC	Transco Zone 4			\$3.1100			
Financial	Financial Swap		4/1/2017	3325232	Merrill LynchCom E EM	IFERC	Transco Zone 4			\$3.1100			
Financial	Financial Swap		4/1/2017	3326585	Citigroup Energy E	IFERC	Transco Zone 4			\$3.1100			
Financial	Financial Swap		4/1/2017	3327184	JPMorganChase Bank E	IFERC	Transco Zone 4			\$3.1100			
Financial	Financial Swap		4/1/2017	3328305	Macquarie Bank Ltd	IFERC	Transco Zone 4			\$3.1100			
Financial	Financial Swap		4/1/2017	3330750	Macquarie Bank Ltd	IFERC	Transco Zone 4			\$3.1100			
Financial	Financial Swap		4/1/2017	3331415	Morgan Stanley E	IFERC	Transco Zone 4			\$3.1100			
Financial	Financial Swap		4/1/2017	3332726	Merrill LynchCom E EM	IFERC	Columbia Gulf			\$3.0600			
Financial	Financial Swap		4/1/2017	3346064	Morgan Stanley E	IFERC	Henry Hub			\$3.1800			
Financial	Financial Swap		4/1/2017	3349169	JPMorganChase Bank E	IFERC	Transco Zone 4			\$3.1100			
Financial	Financial Swap		4/1/2017	3351115	Merrill LynchCom E EM	IFERC	Transco Zone 4			\$3.1100			

Physical/ Financial	Instrument	Put/Call	Month	Trade Number	Counterparty	Market	Location	Volume	Fixed Price (\$/MMBtu)	Settlement (\$/MMBtu)	Savings/Cost on Hedge	Actual/Projected Burns	% Hedged
Financial	Financial Swap		4/1/2017	3352224	MerrilL ynchCom E EM	IFERC	Transco Zone 4	[REDACTED]		\$3.1100	[REDACTED]		
Financial	Financial Swap		4/1/2017	3356328	BKMONTREAL	IFERC	Transco Zone 4			\$3.1100			
Financial	Financial Swap		4/1/2017	3358457	MerrilL ynchCom E EM	IFERC	Transco Zone 4			\$3.1100			
Financial	Financial Swap		4/1/2017	3358671	BKMONTREAL	IFERC	Transco Zone 4			\$3.1100			
Financial	Financial Swap		4/1/2017	3359031	Citigroup Energy E	IFERC	Transco Zone 4			\$3.1100			
Financial	Financial Swap		4/1/2017	3360091	BKMONTREAL	IFERC	Transco Zone 4			\$3.1100			
Financial	Financial Swap		4/1/2017	3363074	Citigroup Energy E	IFERC	Transco Zone 4			\$3.1100			
			4/1/2017 Total										

Physical/ Financial	Instrument	Put/Call	Month	Trade Number	Counterparty	Market	Location	Volume	Fixed Price (\$/MMBtu)	Settlement (\$/MMBtu)	Savings/Cost on Hedge	Actual/Projected Burns	% Hedged
Financial	Financial Option	Call	5/1/2017	3292660	Citigroup Energy E	NYMEX NG L1D	Henry Hub			\$3.1420			
Financial	Financial Option	Put	5/1/2017	3292660	Citigroup Energy E	NYMEX NG L1D	Henry Hub			\$3.1420			
Financial	Financial Option	Call	5/1/2017	3304154	JPMorganChase Bank E	NYMEX NG L1D	Henry Hub			\$3.1420			
Financial	Financial Option	Put	5/1/2017	3304154	JPMorganChase Bank E	NYMEX NG L1D	Henry Hub			\$3.1420			
Financial	Financial Option	Call	5/1/2017	3325561	Merrill LynchCom E EM	NYMEX NG L1D	Henry Hub			\$3.1420			
Financial	Financial Option	Put	5/1/2017	3325561	Merrill LynchCom E EM	NYMEX NG L1D	Henry Hub			\$3.1420			
Financial	Financial Option	Call	5/1/2017	3339456	Merrill LynchCom E EM	IFERC	Henry Hub			\$3.1400			
Financial	Financial Option	Put	5/1/2017	3339456	Merrill LynchCom E EM	IFERC	Henry Hub			\$3.1400			
Financial	Financial Option	Call	5/1/2017	3340629	Merrill LynchCom E EM	IFERC	Henry Hub			\$3.1400			
Financial	Financial Option	Put	5/1/2017	3340629	Merrill LynchCom E EM	IFERC	Henry Hub			\$3.1400			
Financial	Financial Option	Call	5/1/2017	3344768	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.1420			
Financial	Financial Option	Put	5/1/2017	3344768	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.1420			
Financial	Financial Option	Call	5/1/2017	3348100	Merrill LynchCom E EM	NYMEX NG L1D	Henry Hub			\$3.1420			
Financial	Financial Option	Put	5/1/2017	3348100	Merrill LynchCom E EM	NYMEX NG L1D	Henry Hub			\$3.1420			
Financial	Financial Option	Call	5/1/2017	3353287	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.1420			
Financial	Financial Option	Put	5/1/2017	3353287	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.1420			
Financial	Financial Option	Call	5/1/2017	3364000	Macquarie Bank Ltd	NYMEX NG L1D	Henry Hub			\$3.1420			
Financial	Financial Option	Put	5/1/2017	3364000	Macquarie Bank Ltd	NYMEX NG L1D	Henry Hub			\$3.1420			
Financial	Financial Option	Call	5/1/2017	3365803	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.1420			
Financial	Financial Option	Put	5/1/2017	3365803	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.1420			
Financial	Financial Option	Call	5/1/2017	3368554	Scotia Bank	NYMEX NG L1D	Henry Hub			\$3.1420			
Financial	Financial Option	Put	5/1/2017	3368554	Scotia Bank	NYMEX NG L1D	Henry Hub			\$3.1420			
Financial	Financial Option	Call	5/1/2017	3371049	Morgan Stanley E	NYMEX NG L1D	Henry Hub			\$3.1420			
Financial	Financial Option	Put	5/1/2017	3371049	Morgan Stanley E	NYMEX NG L1D	Henry Hub			\$3.1420			
Financial	Financial Option	Call	5/1/2017	3375608	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.1420			
Financial	Financial Option	Put	5/1/2017	3375608	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.1420			
Financial	Financial Option	Call	5/1/2017	3379245	NextEra EnergyE EM G	NYMEX NG L1D	Henry Hub			\$3.1420			
Financial	Financial Option	Put	5/1/2017	3379245	NextEra EnergyE EM G	NYMEX NG L1D	Henry Hub			\$3.1420			
Financial	Financial Option	Call	5/1/2017	3382352	BNP Paribas E,EM	NYMEX NG L1D	Henry Hub			\$3.1420			
Financial	Financial Option	Put	5/1/2017	3382352	BNP Paribas E,EM	NYMEX NG L1D	Henry Hub			\$3.1420			
Financial	Financial Swap		5/1/2017	3260968	Merrill LynchCom E EM	IFERC	Henry Hub			\$3.1400			
Financial	Financial Swap		5/1/2017	3262405	JPMorganChase Bank E	IFERC	Henry Hub			\$3.1400			
Financial	Financial Swap		5/1/2017	3262763	Merrill LynchCom E EM	IFERC	Henry Hub			\$3.1400			
Financial	Financial Swap		5/1/2017	3263099	Merrill LynchCom E EM	IFERC	Henry Hub			\$3.1400			
Financial	Financial Swap		5/1/2017	3263463	JPMorganChase Bank E	IFERC	Henry Hub			\$3.1400			
Financial	Financial Swap		5/1/2017	3264898	JPMorganChase Bank E	IFERC	Henry Hub			\$3.1400			
Financial	Financial Swap		5/1/2017	3266448	Morgan Stanley E	IFERC	Henry Hub			\$3.1400			
Financial	Financial Swap		5/1/2017	3271065	Morgan Stanley E	IFERC	Columbia Gulf			\$3.0200			
Financial	Financial Swap		5/1/2017	3273280	Merrill LynchCom E EM	IFERC	Columbia Gulf			\$3.0200			
Financial	Financial Swap		5/1/2017	3275166	Merrill LynchCom E EM	IFERC	Henry Hub			\$3.1400			
Financial	Financial Swap		5/1/2017	3277473	Citigroup Energy E	IFERC	Henry Hub			\$3.1400			
Financial	Financial Swap		5/1/2017	3277781	JPMorganChase Bank E	IFERC	Henry Hub			\$3.1400			
Financial	Financial Swap		5/1/2017	3279677	Merrill LynchCom E EM	IFERC	Henry Hub			\$3.1400			
Financial	Financial Swap		5/1/2017	3281830	Macquarie Bank Ltd	IFERC	Henry Hub			\$3.1400			
Financial	Financial Swap		5/1/2017	3283779	Citigroup Energy E	IFERC	Columbia Gulf			\$3.0200			
Financial	Financial Swap		5/1/2017	3284454	Macquarie Bank Ltd	IFERC	Columbia Gulf			\$3.0200			
Financial	Financial Swap		5/1/2017	3286347	Merrill LynchCom E EM	IFERC	Columbia Gulf			\$3.0200			
Financial	Financial Swap		5/1/2017	3293942	BNP Paribas E,EM	IFERC	Columbia Gulf			\$3.0200			
Financial	Financial Swap		5/1/2017	3297901	Merrill LynchCom E EM	IFERC	Transco Zone 4			\$3.0700			
Financial	Financial Swap		5/1/2017	3298144	Citigroup Energy E	IFERC	Transco Zone 4			\$3.0700			
Financial	Financial Swap		5/1/2017	3302075	Merrill LynchCom E EM	IFERC	Transco Zone 4			\$3.0700			
Financial	Financial Swap		5/1/2017	3306927	JPMorganChase Bank E	IFERC	Transco Zone 4			\$3.0700			
Financial	Financial Swap		5/1/2017	3310887	Merrill LynchCom E EM	IFERC	Transco Zone 4			\$3.0700			
Financial	Financial Swap		5/1/2017	3313791	Merrill LynchCom E EM	IFERC	Transco Zone 4			\$3.0700			
Financial	Financial Swap		5/1/2017	3317957	Merrill LynchCom E EM	IFERC	Transco Zone 4			\$3.0700			
Financial	Financial Swap		5/1/2017	3321308	Merrill LynchCom E EM	IFERC	Transco Zone 4			\$3.0700			
Financial	Financial Swap		5/1/2017	3322306	Merrill LynchCom E EM	IFERC	Transco Zone 4			\$3.0700			
Financial	Financial Swap		5/1/2017	3322459	Merrill LynchCom E EM	IFERC	Transco Zone 4			\$3.0700			
Financial	Financial Swap		5/1/2017	3323412	Citigroup Energy E	IFERC	Transco Zone 4			\$3.0700			
Financial	Financial Swap		5/1/2017	3324166	Macquarie Bank Ltd	IFERC	Transco Zone 4			\$3.0700			
Financial	Financial Swap		5/1/2017	3325232	Merrill LynchCom E EM	IFERC	Transco Zone 4			\$3.0700			
Financial	Financial Swap		5/1/2017	3326585	Citigroup Energy E	IFERC	Transco Zone 4			\$3.0700			
Financial	Financial Swap		5/1/2017	3327184	JPMorganChase Bank E	IFERC	Transco Zone 4			\$3.0700			
Financial	Financial Swap		5/1/2017	3328305	Macquarie Bank Ltd	IFERC	Transco Zone 4			\$3.0700			
Financial	Financial Swap		5/1/2017	3330750	Macquarie Bank Ltd	IFERC	Transco Zone 4			\$3.0700			

Physical/ Financial	Instrument	Put/Call	Month	Trade Number	Counterparty	Market	Location	Volume	Fixed Price (\$/MMBtu)	Settlement (\$/MMBtu)	Savings/Cost on Hedge	Actual/Projected Burns	% Hedged
Financial	Financial Swap		5/1/2017	3331415	Morgan Stanley E	IFERC	Transco Zone 4			\$3.0700			
Financial	Financial Swap		5/1/2017	3332726	MerrilL ynchCom E EM	IFERC	Columbia Gulf			\$3.0200			
Financial	Financial Swap		5/1/2017	3346064	Morgan Stanley E	IFERC	Henry Hub			\$3.1400			
Financial	Financial Swap		5/1/2017	3349169	JPMorganChase Bank E	IFERC	Transco Zone 4			\$3.0700			
Financial	Financial Swap		5/1/2017	3351115	MerrilL ynchCom E EM	IFERC	Transco Zone 4			\$3.0700			
Financial	Financial Swap		5/1/2017	3352224	MerrilL ynchCom E EM	IFERC	Transco Zone 4			\$3.0700			
Financial	Financial Swap		5/1/2017	3356328	BKMONTREAL	IFERC	Transco Zone 4			\$3.0700			
Financial	Financial Swap		5/1/2017	3358457	MerrilL ynchCom E EM	IFERC	Transco Zone 4			\$3.0700			
Financial	Financial Swap		5/1/2017	3358671	BKMONTREAL	IFERC	Transco Zone 4			\$3.0700			
Financial	Financial Swap		5/1/2017	3359031	Citigroup Energy E	IFERC	Transco Zone 4			\$3.0700			
Financial	Financial Swap		5/1/2017	3360091	BKMONTREAL	IFERC	Transco Zone 4			\$3.0700			
Financial	Financial Swap		5/1/2017	3363074	Citigroup Energy E	IFERC	Transco Zone 4			\$3.0700			
			5/1/2017 Total									21,475,800	

Physical/ Financial	Instrument	Put/Call	Month	Trade Number	Counterparty	Market	Location	Volume	Fixed Price (\$/MMBtu)	Settlement (\$/MMBtu)	Savings/Cost on Hedge	Actual/Projected Burns	% Hedged
Financial	Financial Option	Call	6/1/2017	3292660	Citigroup Energy E	NYMEX NG L1D	Henry Hub			\$3.2360			
Financial	Financial Option	Put	6/1/2017	3292660	Citigroup Energy E	NYMEX NG L1D	Henry Hub			\$3.2360			
Financial	Financial Option	Call	6/1/2017	3304154	JPMorganChase Bank E	NYMEX NG L1D	Henry Hub			\$3.2360			
Financial	Financial Option	Put	6/1/2017	3304154	JPMorganChase Bank E	NYMEX NG L1D	Henry Hub			\$3.2360			
Financial	Financial Option	Call	6/1/2017	3325561	Merrill LynchCom E EM	NYMEX NG L1D	Henry Hub			\$3.2360			
Financial	Financial Option	Put	6/1/2017	3325561	Merrill LynchCom E EM	NYMEX NG L1D	Henry Hub			\$3.2360			
Financial	Financial Option	Call	6/1/2017	3339456	Merrill LynchCom E EM	IFERC	Henry Hub			\$3.2400			
Financial	Financial Option	Put	6/1/2017	3339456	Merrill LynchCom E EM	IFERC	Henry Hub			\$3.2400			
Financial	Financial Option	Call	6/1/2017	3340629	Merrill LynchCom E EM	IFERC	Henry Hub			\$3.2400			
Financial	Financial Option	Put	6/1/2017	3340629	Merrill LynchCom E EM	IFERC	Henry Hub			\$3.2400			
Financial	Financial Option	Call	6/1/2017	3344768	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.2360			
Financial	Financial Option	Put	6/1/2017	3344768	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.2360			
Financial	Financial Option	Call	6/1/2017	3348100	Merrill LynchCom E EM	NYMEX NG L1D	Henry Hub			\$3.2360			
Financial	Financial Option	Put	6/1/2017	3348100	Merrill LynchCom E EM	NYMEX NG L1D	Henry Hub			\$3.2360			
Financial	Financial Option	Call	6/1/2017	3353287	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.2360			
Financial	Financial Option	Put	6/1/2017	3353287	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.2360			
Financial	Financial Option	Call	6/1/2017	3364000	Macquarie Bank Ltd	NYMEX NG L1D	Henry Hub			\$3.2360			
Financial	Financial Option	Put	6/1/2017	3364000	Macquarie Bank Ltd	NYMEX NG L1D	Henry Hub			\$3.2360			
Financial	Financial Option	Call	6/1/2017	3365803	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.2360			
Financial	Financial Option	Put	6/1/2017	3365803	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.2360			
Financial	Financial Option	Call	6/1/2017	3368554	Scotia Bank	NYMEX NG L1D	Henry Hub			\$3.2360			
Financial	Financial Option	Put	6/1/2017	3368554	Scotia Bank	NYMEX NG L1D	Henry Hub			\$3.2360			
Financial	Financial Option	Call	6/1/2017	3371049	Morgan Stanley E	NYMEX NG L1D	Henry Hub			\$3.2360			
Financial	Financial Option	Put	6/1/2017	3371049	Morgan Stanley E	NYMEX NG L1D	Henry Hub			\$3.2360			
Financial	Financial Option	Call	6/1/2017	3375608	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.2360			
Financial	Financial Option	Put	6/1/2017	3375608	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.2360			
Financial	Financial Option	Call	6/1/2017	3379245	NextEra EnergyE EM G	NYMEX NG L1D	Henry Hub			\$3.2360			
Financial	Financial Option	Put	6/1/2017	3379245	NextEra EnergyE EM G	NYMEX NG L1D	Henry Hub			\$3.2360			
Financial	Financial Option	Call	6/1/2017	3382352	BNP Paribas E,EM	NYMEX NG L1D	Henry Hub			\$3.2360			
Financial	Financial Option	Put	6/1/2017	3382352	BNP Paribas E,EM	NYMEX NG L1D	Henry Hub			\$3.2360			
Financial	Financial Swap		6/1/2017	3260968	Merrill LynchCom E EM	IFERC	Henry Hub			\$3.2400			
Financial	Financial Swap		6/1/2017	3262405	JPMorganChase Bank E	IFERC	Henry Hub			\$3.2400			
Financial	Financial Swap		6/1/2017	3262763	Merrill LynchCom E EM	IFERC	Henry Hub			\$3.2400			
Financial	Financial Swap		6/1/2017	3263099	Merrill LynchCom E EM	IFERC	Henry Hub			\$3.2400			
Financial	Financial Swap		6/1/2017	3263463	JPMorganChase Bank E	IFERC	Henry Hub			\$3.2400			
Financial	Financial Swap		6/1/2017	3264898	JPMorganChase Bank E	IFERC	Henry Hub			\$3.2400			
Financial	Financial Swap		6/1/2017	3266448	Morgan Stanley E	IFERC	Henry Hub			\$3.2400			
Financial	Financial Swap		6/1/2017	3271065	Morgan Stanley E	IFERC	Columbia Gulf			\$3.1100			
Financial	Financial Swap		6/1/2017	3273280	Merrill LynchCom E EM	IFERC	Columbia Gulf			\$3.1100			
Financial	Financial Swap		6/1/2017	3275166	Merrill LynchCom E EM	IFERC	Henry Hub			\$3.2400			
Financial	Financial Swap		6/1/2017	3277473	Citigroup Energy E	IFERC	Henry Hub			\$3.2400			
Financial	Financial Swap		6/1/2017	3277781	JPMorganChase Bank E	IFERC	Henry Hub			\$3.2400			
Financial	Financial Swap		6/1/2017	3279677	Merrill LynchCom E EM	IFERC	Henry Hub			\$3.2400			
Financial	Financial Swap		6/1/2017	3281830	Macquarie Bank Ltd	IFERC	Henry Hub			\$3.2400			
Financial	Financial Swap		6/1/2017	3283779	Citigroup Energy E	IFERC	Columbia Gulf			\$3.1100			
Financial	Financial Swap		6/1/2017	3284454	Macquarie Bank Ltd	IFERC	Columbia Gulf			\$3.1100			
Financial	Financial Swap		6/1/2017	3286347	Merrill LynchCom E EM	IFERC	Columbia Gulf			\$3.1100			
Financial	Financial Swap		6/1/2017	3293942	BNP Paribas E,EM	IFERC	Columbia Gulf			\$3.1100			
Financial	Financial Swap		6/1/2017	3297901	Merrill LynchCom E EM	IFERC	Transco Zone 4			\$3.1800			
Financial	Financial Swap		6/1/2017	3298144	Citigroup Energy E	IFERC	Transco Zone 4			\$3.1800			
Financial	Financial Swap		6/1/2017	3302075	Merrill LynchCom E EM	IFERC	Transco Zone 4			\$3.1800			
Financial	Financial Swap		6/1/2017	3306927	JPMorganChase Bank E	IFERC	Transco Zone 4			\$3.1800			
Financial	Financial Swap		6/1/2017	3310887	Merrill LynchCom E EM	IFERC	Transco Zone 4			\$3.1800			
Financial	Financial Swap		6/1/2017	3313791	Merrill LynchCom E EM	IFERC	Transco Zone 4			\$3.1800			
Financial	Financial Swap		6/1/2017	3317957	Merrill LynchCom E EM	IFERC	Transco Zone 4			\$3.1800			
Financial	Financial Swap		6/1/2017	3321308	Merrill LynchCom E EM	IFERC	Transco Zone 4			\$3.1800			
Financial	Financial Swap		6/1/2017	3322306	Merrill LynchCom E EM	IFERC	Transco Zone 4			\$3.1800			
Financial	Financial Swap		6/1/2017	3322459	Merrill LynchCom E EM	IFERC	Transco Zone 4			\$3.1800			
Financial	Financial Swap		6/1/2017	3323412	Citigroup Energy E	IFERC	Transco Zone 4			\$3.1800			
Financial	Financial Swap		6/1/2017	3324166	Macquarie Bank Ltd	IFERC	Transco Zone 4			\$3.1800			
Financial	Financial Swap		6/1/2017	3325232	Merrill LynchCom E EM	IFERC	Transco Zone 4			\$3.1800			
Financial	Financial Swap		6/1/2017	3326585	Citigroup Energy E	IFERC	Transco Zone 4			\$3.1800			
Financial	Financial Swap		6/1/2017	3327184	JPMorganChase Bank E	IFERC	Transco Zone 4			\$3.1800			
Financial	Financial Swap		6/1/2017	3328305	Macquarie Bank Ltd	IFERC	Transco Zone 4			\$3.1800			
Financial	Financial Swap		6/1/2017	3330750	Macquarie Bank Ltd	IFERC	Transco Zone 4			\$3.1800			

Physical/ Financial	Instrument	Put/Call	Month	Trade Number	Counterparty	Market	Location	Volume	Fixed Price (\$/MMBtu)	Settlement (\$/MMBtu)	Savings/Cost on Hedge	Actual/Projected Burns	% Hedged
Financial	Financial Swap		6/1/2017	3331415	Morgan Stanley E	IFERC	Transco Zone 4			\$3.1800			
Financial	Financial Swap		6/1/2017	3332726	MerrilL ynchCom E EM	IFERC	Columbia Gulf			\$3.1100			
Financial	Financial Swap		6/1/2017	3346064	Morgan Stanley E	IFERC	Henry Hub			\$3.2400			
Financial	Financial Swap		6/1/2017	3349169	JPMorganChase Bank E	IFERC	Transco Zone 4			\$3.1800			
Financial	Financial Swap		6/1/2017	3351115	MerrilL ynchCom E EM	IFERC	Transco Zone 4			\$3.1800			
Financial	Financial Swap		6/1/2017	3352224	MerrilL ynchCom E EM	IFERC	Transco Zone 4			\$3.1800			
Financial	Financial Swap		6/1/2017	3356328	BKMONTREAL	IFERC	Transco Zone 4			\$3.1800			
Financial	Financial Swap		6/1/2017	3358457	MerrilL ynchCom E EM	IFERC	Transco Zone 4			\$3.1800			
Financial	Financial Swap		6/1/2017	3358671	BKMONTREAL	IFERC	Transco Zone 4			\$3.1800			
Financial	Financial Swap		6/1/2017	3359031	Citigroup Energy E	IFERC	Transco Zone 4			\$3.1800			
Financial	Financial Swap		6/1/2017	3360091	BKMONTREAL	IFERC	Transco Zone 4			\$3.1800			
Financial	Financial Swap		6/1/2017	3363074	Citigroup Energy E	IFERC	Transco Zone 4			\$3.1800			
			6/1/2017 Total									21,474,100	

Physical/ Financial	Instrument	Put/Call	Month	Trade Number	Counterparty	Market	Location	Volume	Fixed Price (\$/MMBtu)	Settlement (\$/MMBtu)	Savings/Cost on Hedge	Actual/Projected Burns	% Hedged
Financial	Financial Option	Call	7/1/2017	3292660	Citigroup Energy E	NYMEX NG L1D	Henry Hub			\$3.0670			
Financial	Financial Option	Put	7/1/2017	3292660	Citigroup Energy E	NYMEX NG L1D	Henry Hub			\$3.0670			
Financial	Financial Option	Call	7/1/2017	3304154	JPMorganChase Bank E	NYMEX NG L1D	Henry Hub			\$3.0670			
Financial	Financial Option	Put	7/1/2017	3304154	JPMorganChase Bank E	NYMEX NG L1D	Henry Hub			\$3.0670			
Financial	Financial Option	Call	7/1/2017	3325561	MerrilL ynchCom E EM	NYMEX NG L1D	Henry Hub			\$3.0670			
Financial	Financial Option	Put	7/1/2017	3325561	MerrilL ynchCom E EM	NYMEX NG L1D	Henry Hub			\$3.0670			
Financial	Financial Option	Call	7/1/2017	3339456	MerrilL ynchCom E EM	IFERC	Henry Hub			\$3.0600			
Financial	Financial Option	Put	7/1/2017	3339456	MerrilL ynchCom E EM	IFERC	Henry Hub			\$3.0600			
Financial	Financial Option	Call	7/1/2017	3340629	MerrilL ynchCom E EM	IFERC	Henry Hub			\$3.0600			
Financial	Financial Option	Put	7/1/2017	3340629	MerrilL ynchCom E EM	IFERC	Henry Hub			\$3.0600			
Financial	Financial Option	Call	7/1/2017	3344768	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.0670			
Financial	Financial Option	Put	7/1/2017	3344768	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.0670			
Financial	Financial Option	Call	7/1/2017	3348100	MerrilL ynchCom E EM	NYMEX NG L1D	Henry Hub			\$3.0670			
Financial	Financial Option	Put	7/1/2017	3348100	MerrilL ynchCom E EM	NYMEX NG L1D	Henry Hub			\$3.0670			
Financial	Financial Option	Call	7/1/2017	3353287	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.0670			
Financial	Financial Option	Put	7/1/2017	3353287	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.0670			
Financial	Financial Option	Call	7/1/2017	3364000	Macquarie Bank Ltd	NYMEX NG L1D	Henry Hub			\$3.0670			
Financial	Financial Option	Put	7/1/2017	3364000	Macquarie Bank Ltd	NYMEX NG L1D	Henry Hub			\$3.0670			
Financial	Financial Option	Call	7/1/2017	3365803	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.0670			
Financial	Financial Option	Put	7/1/2017	3365803	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.0670			
Financial	Financial Option	Call	7/1/2017	3368554	Scotia Bank	NYMEX NG L1D	Henry Hub			\$3.0670			
Financial	Financial Option	Put	7/1/2017	3368554	Scotia Bank	NYMEX NG L1D	Henry Hub			\$3.0670			
Financial	Financial Option	Call	7/1/2017	3371049	Morgan Stanley E	NYMEX NG L1D	Henry Hub			\$3.0670			
Financial	Financial Option	Put	7/1/2017	3371049	Morgan Stanley E	NYMEX NG L1D	Henry Hub			\$3.0670			
Financial	Financial Option	Call	7/1/2017	3375608	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.0670			
Financial	Financial Option	Put	7/1/2017	3375608	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.0670			
Financial	Financial Option	Call	7/1/2017	3379245	NextEra EnergyE EM G	NYMEX NG L1D	Henry Hub			\$3.0670			
Financial	Financial Option	Put	7/1/2017	3379245	NextEra EnergyE EM G	NYMEX NG L1D	Henry Hub			\$3.0670			
Financial	Financial Option	Call	7/1/2017	3382352	BNP Paribas E,EM	NYMEX NG L1D	Henry Hub			\$3.0670			
Financial	Financial Option	Put	7/1/2017	3382352	BNP Paribas E,EM	NYMEX NG L1D	Henry Hub			\$3.0670			
Financial	Financial Swap		7/1/2017	3260968	MerrilL ynchCom E EM	IFERC	Henry Hub			\$3.0600			
Financial	Financial Swap		7/1/2017	3262405	JPMorganChase Bank E	IFERC	Henry Hub			\$3.0600			
Financial	Financial Swap		7/1/2017	3262763	MerrilL ynchCom E EM	IFERC	Henry Hub			\$3.0600			
Financial	Financial Swap		7/1/2017	3263099	MerrilL ynchCom E EM	IFERC	Henry Hub			\$3.0600			
Financial	Financial Swap		7/1/2017	3263463	JPMorganChase Bank E	IFERC	Henry Hub			\$3.0600			
Financial	Financial Swap		7/1/2017	3264898	JPMorganChase Bank E	IFERC	Henry Hub			\$3.0600			
Financial	Financial Swap		7/1/2017	3266448	Morgan Stanley E	IFERC	Henry Hub			\$3.0600			
Financial	Financial Swap		7/1/2017	3271065	Morgan Stanley E	IFERC	Columbia Gulf			\$2.9500			
Financial	Financial Swap		7/1/2017	3273280	MerrilL ynchCom E EM	IFERC	Columbia Gulf			\$2.9500			
Financial	Financial Swap		7/1/2017	3275166	MerrilL ynchCom E EM	IFERC	Henry Hub			\$3.0600			
Financial	Financial Swap		7/1/2017	3277473	Citigroup Energy E	IFERC	Henry Hub			\$3.0600			
Financial	Financial Swap		7/1/2017	3277781	JPMorganChase Bank E	IFERC	Henry Hub			\$3.0600			
Financial	Financial Swap		7/1/2017	3279677	MerrilL ynchCom E EM	IFERC	Henry Hub			\$3.0600			
Financial	Financial Swap		7/1/2017	3281830	Macquarie Bank Ltd	IFERC	Henry Hub			\$3.0600			
Financial	Financial Swap		7/1/2017	3283779	Citigroup Energy E	IFERC	Columbia Gulf			\$2.9500			
Financial	Financial Swap		7/1/2017	3284454	Macquarie Bank Ltd	IFERC	Columbia Gulf			\$2.9500			
Financial	Financial Swap		7/1/2017	3286347	MerrilL ynchCom E EM	IFERC	Columbia Gulf			\$2.9500			
Financial	Financial Swap		7/1/2017	3293942	BNP Paribas E,EM	IFERC	Columbia Gulf			\$2.9500			
Financial	Financial Swap		7/1/2017	3297901	MerrilL ynchCom E EM	IFERC	Transco Zone 4			\$3.0100			
Financial	Financial Swap		7/1/2017	3298144	Citigroup Energy E	IFERC	Transco Zone 4			\$3.0100			
Financial	Financial Swap		7/1/2017	3302075	MerrilL ynchCom E EM	IFERC	Transco Zone 4			\$3.0100			
Financial	Financial Swap		7/1/2017	3306927	JPMorganChase Bank E	IFERC	Transco Zone 4			\$3.0100			
Financial	Financial Swap		7/1/2017	3310887	MerrilL ynchCom E EM	IFERC	Transco Zone 4			\$3.0100			
Financial	Financial Swap		7/1/2017	3313791	MerrilL ynchCom E EM	IFERC	Transco Zone 4			\$3.0100			
Financial	Financial Swap		7/1/2017	3317957	MerrilL ynchCom E EM	IFERC	Transco Zone 4			\$3.0100			
Financial	Financial Swap		7/1/2017	3321308	MerrilL ynchCom E EM	IFERC	Transco Zone 4			\$3.0100			
Financial	Financial Swap		7/1/2017	3322306	MerrilL ynchCom E EM	IFERC	Transco Zone 4			\$3.0100			
Financial	Financial Swap		7/1/2017	3322459	MerrilL ynchCom E EM	IFERC	Transco Zone 4			\$3.0100			
Financial	Financial Swap		7/1/2017	3323412	Citigroup Energy E	IFERC	Transco Zone 4			\$3.0100			
Financial	Financial Swap		7/1/2017	3324166	Macquarie Bank Ltd	IFERC	Transco Zone 4			\$3.0100			
Financial	Financial Swap		7/1/2017	3325232	MerrilL ynchCom E EM	IFERC	Transco Zone 4			\$3.0100			
Financial	Financial Swap		7/1/2017	3326585	Citigroup Energy E	IFERC	Transco Zone 4			\$3.0100			
Financial	Financial Swap		7/1/2017	3327184	JPMorganChase Bank E	IFERC	Transco Zone 4			\$3.0100			
Financial	Financial Swap		7/1/2017	3328305	Macquarie Bank Ltd	IFERC	Transco Zone 4			\$3.0100			
Financial	Financial Swap		7/1/2017	3330750	Macquarie Bank Ltd	IFERC	Transco Zone 4			\$3.0100			

Physical/ Financial	Instrument	Put/Call	Month	Trade Number	Counterparty	Market	Location	Volume	Fixed Price (\$/MMBtu)	Settlement (\$/MMBtu)	Savings/Cost on Hedge	Actual/Projected Burns	% Hedged
Financial	Financial Swap		7/1/2017	3331415	Morgan Stanley E	IFERC	Transco Zone 4			\$3.0100			
Financial	Financial Swap		7/1/2017	3332726	MerrilL ynchCom E EM	IFERC	Columbia Gulf			\$2.9500			
Financial	Financial Swap		7/1/2017	3346064	Morgan Stanley E	IFERC	Henry Hub			\$3.0600			
Financial	Financial Swap		7/1/2017	3349169	JPMorganChase Bank E	IFERC	Transco Zone 4			\$3.0100			
Financial	Financial Swap		7/1/2017	3351115	MerrilL ynchCom E EM	IFERC	Transco Zone 4			\$3.0100			
Financial	Financial Swap		7/1/2017	3352224	MerrilL ynchCom E EM	IFERC	Transco Zone 4			\$3.0100			
Financial	Financial Swap		7/1/2017	3356328	BKMONTREAL	IFERC	Transco Zone 4			\$3.0100			
Financial	Financial Swap		7/1/2017	3358457	MerrilL ynchCom E EM	IFERC	Transco Zone 4			\$3.0100			
Financial	Financial Swap		7/1/2017	3358671	BKMONTREAL	IFERC	Transco Zone 4			\$3.0100			
Financial	Financial Swap		7/1/2017	3359031	Citigroup Energy E	IFERC	Transco Zone 4			\$3.0100			
Financial	Financial Swap		7/1/2017	3360091	BKMONTREAL	IFERC	Transco Zone 4			\$3.0100			
Financial	Financial Swap		7/1/2017	3363074	Citigroup Energy E	IFERC	Transco Zone 4			\$3.0100			
			7/1/2017 Total									25,033,600	

Exhibit B

REDACTED

(Copy-2)

1 **Q. What is the purpose of your testimony?**

2 **A.** The purpose of this testimony is to outline DEF's hedging results for January 2017
3 through July 2017.

4

5 **Q. Are you sponsoring any exhibits to your testimony?**

6 **A.** Yes, I am sponsoring the following exhibit:

- 7 • Exhibit No.____ (JM-1P) – Hedging Results for January 2017 through July
8 2017 (*filed August 18, 2017*).

9

10 **Q. What are the objectives of DEF's hedging activities?**

11 **A.** The objectives of DEF's hedging strategy are to reduce the impacts of fuel price
12 risk and volatility over time, and provide a greater degree of fuel price certainty for
13 DEF's customers for a portion of fuel costs.

14

REDACTED

15 **Q. Describe DEF's hedging activities that the Company has executed for 2018.**

16 **A.** As approved by the Commission, DEF is currently under a moratorium on hedging
17 pending Commission review in Docket 20170057-EI and has not executed any
18 financial hedges for any periods since October 21, 2016. As of July 31, 2017, DEF
19 had hedges in place for approximately ■■■ percent of its current forecasted natural
20 gas burns for 2018 pursuant to its Commission-approved 2015 Risk Management
21 Plan. Please note, the current forecasted percentage of natural gas burns hedged
22 could vary over time based on actual versus projected burns.

23

Natural Gas			Hedged Volumes (MMBtu's)			Actual Burn (Generation & Tolling)	Hedged Burns	% Hedged with Financial	% Hedged with Physical	
Savings/(Cost) on Hedges										
Year	Financial	Physical	Total	Financial	Physical	Total Hedged				
Jan-17										
Feb-17										
Mar-17										
Apr-17										
May-17										
Jun-17										
Jul-17										
YTD	(\$18,696,600)	\$0	(\$18,696,600)	63,620,000	0	63,620,000	129,150,000	49%	100%	0%

See Note 1
See Note 2

Note 1: Actual burns for periods January 2017 through June 2017. July 2017 burn numbers are considered estimates subject to minor adjustments based on actual bookings.

Note 2: Based on actual fuel burns for January 2017 through June 2017, and forecasted fuel burns for July 2017.

**DEF Gas Hedging Status
REDACTED**

Physical/ Financial	Instrument	Put/Call	Month	Trade Number	Counterparty	Market	Location	Volume	Fixed Price (\$/MMBtu)	Settlement (\$/MMBtu)	Savings/Cost on Hedge	Actual/Projected Burns	% Hedged
Financial	Financial Option	Call	1/1/2017	3339456	Merrill LynchCom E EM	IFERC	Henry Hub			\$3.9400			
Financial	Financial Option	Put	1/1/2017	3339456	Merrill LynchCom E EM	IFERC	Henry Hub			\$3.9400			
Financial	Financial Option	Call	1/1/2017	3340629	Merrill LynchCom E EM	IFERC	Henry Hub			\$3.9400			
Financial	Financial Option	Put	1/1/2017	3340629	Merrill LynchCom E EM	IFERC	Henry Hub			\$3.9400			
Financial	Financial Option	Call	1/1/2017	3344768	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.9300			
Financial	Financial Option	Put	1/1/2017	3344768	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.9300			
Financial	Financial Option	Call	1/1/2017	3348100	Merrill LynchCom E EM	NYMEX NG L1D	Henry Hub			\$3.9300			
Financial	Financial Option	Put	1/1/2017	3348100	Merrill LynchCom E EM	NYMEX NG L1D	Henry Hub			\$3.9300			
Financial	Financial Option	Call	1/1/2017	3353287	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.9300			
Financial	Financial Option	Put	1/1/2017	3353287	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.9300			
Financial	Financial Option	Call	1/1/2017	3364000	Macquarie Bank Ltd	NYMEX NG L1D	Henry Hub			\$3.9300			
Financial	Financial Option	Put	1/1/2017	3364000	Macquarie Bank Ltd	NYMEX NG L1D	Henry Hub			\$3.9300			
Financial	Financial Option	Call	1/1/2017	3365803	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.9300			
Financial	Financial Option	Put	1/1/2017	3365803	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.9300			
Financial	Financial Option	Call	1/1/2017	3368554	Scotia Bank	NYMEX NG L1D	Henry Hub			\$3.9300			
Financial	Financial Option	Put	1/1/2017	3368554	Scotia Bank	NYMEX NG L1D	Henry Hub			\$3.9300			
Financial	Financial Option	Call	1/1/2017	3371049	Morgan Stanley E	NYMEX NG L1D	Henry Hub			\$3.9300			
Financial	Financial Option	Put	1/1/2017	3371049	Morgan Stanley E	NYMEX NG L1D	Henry Hub			\$3.9300			
Financial	Financial Option	Call	1/1/2017	3375608	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.9300			
Financial	Financial Option	Put	1/1/2017	3375608	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.9300			
Financial	Financial Option	Call	1/1/2017	3376796	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.9300			
Financial	Financial Option	Put	1/1/2017	3376796	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.9300			
Financial	Financial Option	Call	1/1/2017	3378169	Scotia Bank	NYMEX NG L1D	Henry Hub			\$3.9300			
Financial	Financial Option	Put	1/1/2017	3378169	Scotia Bank	NYMEX NG L1D	Henry Hub			\$3.9300			
Financial	Financial Option	Call	1/1/2017	3379245	NextEra EnergyE EM G	NYMEX NG L1D	Henry Hub			\$3.9300			
Financial	Financial Option	Put	1/1/2017	3379245	NextEra EnergyE EM G	NYMEX NG L1D	Henry Hub			\$3.9300			
Financial	Financial Option	Call	1/1/2017	3379391	Scotia Bank	NYMEX NG L1D	Henry Hub			\$3.9300			
Financial	Financial Option	Put	1/1/2017	3379391	Scotia Bank	NYMEX NG L1D	Henry Hub			\$3.9300			
Financial	Financial Swap		1/1/2017	3226743	Merrill LynchCom E EM	IFERC	Transco Zone 4			\$3.9000			
Financial	Financial Swap		1/1/2017	3226744	Citigroup Energy E	IFERC	Transco Zone 4			\$3.9000			
Financial	Financial Swap		1/1/2017	3226749	BKMONTREAL	IFERC	Transco Zone 4			\$3.9000			
Financial	Financial Swap		1/1/2017	3226753	JPMorganChase Bank E	IFERC	Columbia Gulf			\$3.8400			
Financial	Financial Swap		1/1/2017	3226755	BKMONTREAL	IFERC	Columbia Gulf			\$3.8400			
Financial	Financial Swap		1/1/2017	3226758	Macquarie Bank Ltd	IFERC	Henry Hub			\$3.9400			
Financial	Financial Swap		1/1/2017	3226769	Merrill LynchCom E EM	IFERC	Henry Hub			\$3.9400			
Financial	Financial Swap		1/1/2017	3226797	BKMONTREAL	IFERC	Henry Hub			\$3.9400			
Financial	Financial Swap		1/1/2017	3226800	Merrill LynchCom E EM	IFERC	Transco Zone 4			\$3.9000			
Financial	Financial Swap		1/1/2017	3226802	Merrill LynchCom E EM	IFERC	Henry Hub			\$3.9400			
Financial	Financial Swap		1/1/2017	3228846	JPMorganChase Bank E	IFERC	Henry Hub			\$3.9400			
Financial	Financial Swap		1/1/2017	3238361	Merrill LynchCom E EM	IFERC	Henry Hub			\$3.9400			
Financial	Financial Swap		1/1/2017	3238366	Citigroup Energy E	IFERC	Henry Hub			\$3.9400			
Financial	Financial Swap		1/1/2017	3247193	Citigroup Energy E	IFERC	Henry Hub			\$3.9400			
Financial	Financial Swap		1/1/2017	3247210	JPMorganChase Bank E	IFERC	Transco Zone 4			\$3.9000			
Financial	Financial Swap		1/1/2017	3251363	Citigroup Energy E	IFERC	Transco Zone 4			\$3.9000			
Financial	Financial Swap		1/1/2017	3259756	JPMorganChase Bank E	IFERC	Columbia Gulf			\$3.8400			
Financial	Financial Swap		1/1/2017	3262325	Macquarie Bank Ltd	IFERC	Columbia Gulf			\$3.8400			
Financial	Financial Swap		1/1/2017	3262764	Citigroup Energy E	IFERC	Columbia Gulf			\$3.8400			
Financial	Financial Swap		1/1/2017	3281831	JPMorganChase Bank E	IFERC	Henry Hub			\$3.9400			
Financial	Financial Swap		1/1/2017	3292665	Merrill LynchCom E EM	IFERC	Columbia Gulf			\$3.8400			
Financial	Financial Swap		1/1/2017	3293956	Merrill LynchCom E EM	IFERC	Columbia Gulf			\$3.8400			
Financial	Financial Swap		1/1/2017	3298143	Merrill LynchCom E EM	IFERC	Transco Zone 4			\$3.9000			
Financial	Financial Swap		1/1/2017	3310890	Morgan Stanley E	IFERC	Transco Zone 4			\$3.9000			
Financial	Financial Swap		1/1/2017	3317959	Citigroup Energy E	IFERC	Transco Zone 4			\$3.9000			
Financial	Financial Swap		1/1/2017	3321309	Citigroup Energy E	IFERC	Transco Zone 4			\$3.9000			
Financial	Financial Swap		1/1/2017	3322309	Merrill LynchCom E EM	IFERC	Transco Zone 4			\$3.9000			
Financial	Financial Swap		1/1/2017	3322489	Merrill LynchCom E EM	IFERC	Transco Zone 4			\$3.9000			
Financial	Financial Swap		1/1/2017	3323582	JPMorganChase Bank E	IFERC	Transco Zone 4			\$3.9000			
Financial	Financial Swap		1/1/2017	3324360	Citigroup Energy E	IFERC	Transco Zone 4			\$3.9000			
Financial	Financial Swap		1/1/2017	3327190	JPMorganChase Bank E	IFERC	Transco Zone 4			\$3.9000			
Financial	Financial Swap		1/1/2017	3333331	Macquarie Bank Ltd	IFERC	Transco Zone 4			\$3.9000			
Financial	Financial Swap		1/1/2017	3340910	Macquarie Bank Ltd	IFERC	Columbia Gulf			\$3.8400			
Financial	Financial Swap		1/1/2017	3352500	Scotia Bank	IFERC	Transco Zone 4			\$3.9000			

Physical/ Financial	Instrument	Put/Call	Month	Trade Number	Counterparty	Market	Location	Volume	Fixed Price (\$/MMBtu)	Settlement (\$/MMBtu)	Savings/Cost on Hedge	Actual/Projected Burns	% Hedged
Financial	Financial Swap		1/1/2017	3353714	BKMONTREAL	IFERC	Transco Zone 4			\$3.9000			
Financial	Financial Swap		1/1/2017	3356329	Citigroup Energy E	IFERC	Transco Zone 4			\$3.9000			
Financial	Financial Swap		1/1/2017	3360090	Macquarie Bank Ltd	IFERC	Transco Zone 4			\$3.9000			
Financial	Financial Swap		1/1/2017	3363076	Scotia Bank	IFERC	Transco Zone 4			\$3.9000			
Financial	Financial Swap		1/1/2017	3364213	Scotia Bank	IFERC	Transco Zone 4			\$3.9000			
Financial	Financial Swap		1/1/2017	3364689	Morgan Stanley E	IFERC	Transco Zone 4			\$3.9000			
Financial	Financial Swap		1/1/2017	3365344	BKMONTREAL	IFERC	Transco Zone 4			\$3.9000			
Financial	Financial Swap		1/1/2017	3368347	Merrill LynchCom E EM	IFERC	Transco Zone 4			\$3.9000			
Financial	Financial Swap		1/1/2017	3369209	Scotia Bank	IFERC	Transco Zone 4			\$3.9000			
Financial	Financial Swap		1/1/2017	3370589	BNP Paribas E,EM	IFERC	Transco Zone 4			\$3.9000			
Financial	Financial Swap		1/1/2017	3374594	BNP Paribas E,EM	IFERC	Transco Zone 4			\$3.9000			
			1/1/2017 Total									14,886,100	

Physical/ Financial	Instrument	Put/Call	Month	Trade Number	Counterparty	Market	Location	Volume	Fixed Price (\$/MMBtu)	Settlement (\$/MMBtu)	Savings/Cost on Hedge	Actual/Projected Burns	% Hedged
Financial	Financial Option	Call	2/1/2017	3339456	MerrilL ynchCom E EM	IFERC	Henry Hub			\$3.3900			
Financial	Financial Option	Put	2/1/2017	3339456	MerrilL ynchCom E EM	IFERC	Henry Hub			\$3.3900			
Financial	Financial Option	Call	2/1/2017	3340629	MerrilL ynchCom E EM	IFERC	Henry Hub			\$3.3900			
Financial	Financial Option	Put	2/1/2017	3340629	MerrilL ynchCom E EM	IFERC	Henry Hub			\$3.3900			
Financial	Financial Option	Call	2/1/2017	3344768	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.3910			
Financial	Financial Option	Put	2/1/2017	3344768	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.3910			
Financial	Financial Option	Call	2/1/2017	3348100	MerrilL ynchCom E EM	NYMEX NG L1D	Henry Hub			\$3.3910			
Financial	Financial Option	Put	2/1/2017	3348100	MerrilL ynchCom E EM	NYMEX NG L1D	Henry Hub			\$3.3910			
Financial	Financial Option	Call	2/1/2017	3353287	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.3910			
Financial	Financial Option	Put	2/1/2017	3353287	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.3910			
Financial	Financial Option	Call	2/1/2017	3364000	Macquarie Bank Ltd	NYMEX NG L1D	Henry Hub			\$3.3910			
Financial	Financial Option	Put	2/1/2017	3364000	Macquarie Bank Ltd	NYMEX NG L1D	Henry Hub			\$3.3910			
Financial	Financial Option	Call	2/1/2017	3365803	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.3910			
Financial	Financial Option	Put	2/1/2017	3365803	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.3910			
Financial	Financial Option	Call	2/1/2017	3368554	Scotia Bank	NYMEX NG L1D	Henry Hub			\$3.3910			
Financial	Financial Option	Put	2/1/2017	3368554	Scotia Bank	NYMEX NG L1D	Henry Hub			\$3.3910			
Financial	Financial Option	Call	2/1/2017	3371049	Morgan Stanley E	NYMEX NG L1D	Henry Hub			\$3.3910			
Financial	Financial Option	Put	2/1/2017	3371049	Morgan Stanley E	NYMEX NG L1D	Henry Hub			\$3.3910			
Financial	Financial Option	Call	2/1/2017	3375608	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.3910			
Financial	Financial Option	Put	2/1/2017	3375608	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.3910			
Financial	Financial Option	Call	2/1/2017	3376796	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.3910			
Financial	Financial Option	Put	2/1/2017	3376796	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.3910			
Financial	Financial Option	Call	2/1/2017	3378169	Scotia Bank	NYMEX NG L1D	Henry Hub			\$3.3910			
Financial	Financial Option	Put	2/1/2017	3378169	Scotia Bank	NYMEX NG L1D	Henry Hub			\$3.3910			
Financial	Financial Option	Call	2/1/2017	3379245	NextEra EnergyE EM G	NYMEX NG L1D	Henry Hub			\$3.3910			
Financial	Financial Option	Put	2/1/2017	3379245	NextEra EnergyE EM G	NYMEX NG L1D	Henry Hub			\$3.3910			
Financial	Financial Option	Call	2/1/2017	3379391	Scotia Bank	NYMEX NG L1D	Henry Hub			\$3.3910			
Financial	Financial Option	Put	2/1/2017	3379391	Scotia Bank	NYMEX NG L1D	Henry Hub			\$3.3910			
Financial	Financial Swap		2/1/2017	3226743	MerrilL ynchCom E EM	IFERC	Transco Zone 4			\$3.3400			
Financial	Financial Swap		2/1/2017	3226744	Citigroup Energy E	IFERC	Transco Zone 4			\$3.3400			
Financial	Financial Swap		2/1/2017	3226749	BKMONTREAL	IFERC	Transco Zone 4			\$3.3400			
Financial	Financial Swap		2/1/2017	3226753	JPMorganChase Bank E	IFERC	Columbia Gulf			\$3.2800			
Financial	Financial Swap		2/1/2017	3226755	BKMONTREAL	IFERC	Columbia Gulf			\$3.2800			
Financial	Financial Swap		2/1/2017	3226758	Macquarie Bank Ltd	IFERC	Henry Hub			\$3.3900			
Financial	Financial Swap		2/1/2017	3226769	MerrilL ynchCom E EM	IFERC	Henry Hub			\$3.3900			
Financial	Financial Swap		2/1/2017	3226797	BKMONTREAL	IFERC	Henry Hub			\$3.3900			
Financial	Financial Swap		2/1/2017	3226800	MerrilL ynchCom E EM	IFERC	Transco Zone 4			\$3.3400			
Financial	Financial Swap		2/1/2017	3226802	MerrilL ynchCom E EM	IFERC	Henry Hub			\$3.3900			
Financial	Financial Swap		2/1/2017	3228846	JPMorganChase Bank E	IFERC	Henry Hub			\$3.3900			
Financial	Financial Swap		2/1/2017	3238361	MerrilL ynchCom E EM	IFERC	Henry Hub			\$3.3900			
Financial	Financial Swap		2/1/2017	3238366	Citigroup Energy E	IFERC	Henry Hub			\$3.3900			
Financial	Financial Swap		2/1/2017	3247193	Citigroup Energy E	IFERC	Henry Hub			\$3.3900			
Financial	Financial Swap		2/1/2017	3247210	JPMorganChase Bank E	IFERC	Transco Zone 4			\$3.3400			
Financial	Financial Swap		2/1/2017	3251363	Citigroup Energy E	IFERC	Transco Zone 4			\$3.3400			
Financial	Financial Swap		2/1/2017	3259756	JPMorganChase Bank E	IFERC	Columbia Gulf			\$3.2800			
Financial	Financial Swap		2/1/2017	3262325	Macquarie Bank Ltd	IFERC	Columbia Gulf			\$3.2800			
Financial	Financial Swap		2/1/2017	3262764	Citigroup Energy E	IFERC	Columbia Gulf			\$3.2800			
Financial	Financial Swap		2/1/2017	3281831	JPMorganChase Bank E	IFERC	Henry Hub			\$3.3900			
Financial	Financial Swap		2/1/2017	3292665	MerrilL ynchCom E EM	IFERC	Columbia Gulf			\$3.2800			
Financial	Financial Swap		2/1/2017	3293956	MerrilL ynchCom E EM	IFERC	Columbia Gulf			\$3.2800			
Financial	Financial Swap		2/1/2017	3298143	MerrilL ynchCom E EM	IFERC	Transco Zone 4			\$3.3400			
Financial	Financial Swap		2/1/2017	3310890	Morgan Stanley E	IFERC	Transco Zone 4			\$3.3400			
Financial	Financial Swap		2/1/2017	3317959	Citigroup Energy E	IFERC	Transco Zone 4			\$3.3400			
Financial	Financial Swap		2/1/2017	3321309	Citigroup Energy E	IFERC	Transco Zone 4			\$3.3400			
Financial	Financial Swap		2/1/2017	3322309	MerrilL ynchCom E EM	IFERC	Transco Zone 4			\$3.3400			
Financial	Financial Swap		2/1/2017	3322489	MerrilL ynchCom E EM	IFERC	Transco Zone 4			\$3.3400			
Financial	Financial Swap		2/1/2017	3323582	JPMorganChase Bank E	IFERC	Transco Zone 4			\$3.3400			
Financial	Financial Swap		2/1/2017	3324360	Citigroup Energy E	IFERC	Transco Zone 4			\$3.3400			
Financial	Financial Swap		2/1/2017	3327190	JPMorganChase Bank E	IFERC	Transco Zone 4			\$3.3400			
Financial	Financial Swap		2/1/2017	3333331	Macquarie Bank Ltd	IFERC	Transco Zone 4			\$3.3400			
Financial	Financial Swap		2/1/2017	3340910	Macquarie Bank Ltd	IFERC	Columbia Gulf			\$3.2800			
Financial	Financial Swap		2/1/2017	3352500	Scotia Bank	IFERC	Transco Zone 4			\$3.3400			
Financial	Financial Swap		2/1/2017	3353714	BKMONTREAL	IFERC	Transco Zone 4			\$3.3400			
Financial	Financial Swap		2/1/2017	3356329	Citigroup Energy E	IFERC	Transco Zone 4			\$3.3400			
Financial	Financial Swap		2/1/2017	3360090	Macquarie Bank Ltd	IFERC	Transco Zone 4			\$3.3400			

Physical/ Financial	Instrument	Put/Call	Month	Trade Number	Counterparty	Market	Location	Volume	Fixed Price (\$/MMBtu)	Settlement (\$/MMBtu)	Savings/Cost on Hedge	Actual/Projected Burns	% Hedged
Financial	Financial Swap		2/1/2017	3363076	Scotia Bank	IFERC	Transco Zone 4	[REDACTED]		\$3.3400	[REDACTED]		
Financial	Financial Swap		2/1/2017	3364213	Scotia Bank	IFERC	Transco Zone 4			\$3.3400			
Financial	Financial Swap		2/1/2017	3364689	Morgan Stanley E	IFERC	Transco Zone 4			\$3.3400			
Financial	Financial Swap		2/1/2017	3365344	BKMONTREAL	IFERC	Transco Zone 4			\$3.3400			
Financial	Financial Swap		2/1/2017	3368347	Merril LynchCom E EM	IFERC	Transco Zone 4			\$3.3400			
Financial	Financial Swap		2/1/2017	3369209	Scotia Bank	IFERC	Transco Zone 4			\$3.3400			
Financial	Financial Swap		2/1/2017	3370589	BNP Paribas E,EM	IFERC	Transco Zone 4			\$3.3400			
Financial	Financial Swap		2/1/2017	3374594	BNP Paribas E,EM	IFERC	Transco Zone 4			\$3.3400			
			2/1/2017 Total									13,281,100	

Physical/ Financial	Instrument	Put/Call	Month	Trade Number	Counterparty	Market	Location	Volume	Fixed Price (\$/MMBtu)	Settlement (\$/MMBtu)	Savings/Cost on Hedge	Actual/Projected Burns	% Hedged
Financial	Financial Option	Call	3/1/2017	3339456	MerrilL ynchCom E EM	IFERC	Henry Hub			\$2.6270			
Financial	Financial Option	Put	3/1/2017	3339456	MerrilL ynchCom E EM	IFERC	Henry Hub			\$2.6200			
Financial	Financial Option	Call	3/1/2017	3340629	MerrilL ynchCom E EM	IFERC	Henry Hub			\$2.6200			
Financial	Financial Option	Put	3/1/2017	3340629	MerrilL ynchCom E EM	IFERC	Henry Hub			\$2.6200			
Financial	Financial Option	Call	3/1/2017	3344768	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$2.6270			
Financial	Financial Option	Put	3/1/2017	3344768	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$2.6270			
Financial	Financial Option	Call	3/1/2017	3348100	MerrilL ynchCom E EM	NYMEX NG L1D	Henry Hub			\$2.6270			
Financial	Financial Option	Put	3/1/2017	3348100	MerrilL ynchCom E EM	NYMEX NG L1D	Henry Hub			\$2.6270			
Financial	Financial Option	Call	3/1/2017	3353287	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$2.6270			
Financial	Financial Option	Put	3/1/2017	3353287	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$2.6270			
Financial	Financial Option	Call	3/1/2017	3364000	Macquarie Bank Ltd	NYMEX NG L1D	Henry Hub			\$2.6270			
Financial	Financial Option	Put	3/1/2017	3364000	Macquarie Bank Ltd	NYMEX NG L1D	Henry Hub			\$2.6270			
Financial	Financial Option	Call	3/1/2017	3365803	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$2.6270			
Financial	Financial Option	Put	3/1/2017	3365803	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$2.6270			
Financial	Financial Option	Call	3/1/2017	3368554	Scotia Bank	NYMEX NG L1D	Henry Hub			\$2.6270			
Financial	Financial Option	Put	3/1/2017	3368554	Scotia Bank	NYMEX NG L1D	Henry Hub			\$2.6270			
Financial	Financial Option	Call	3/1/2017	3371049	Morgan Stanley E	NYMEX NG L1D	Henry Hub			\$2.6270			
Financial	Financial Option	Put	3/1/2017	3371049	Morgan Stanley E	NYMEX NG L1D	Henry Hub			\$2.6270			
Financial	Financial Option	Call	3/1/2017	3375608	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$2.6270			
Financial	Financial Option	Put	3/1/2017	3375608	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$2.6270			
Financial	Financial Option	Call	3/1/2017	3376796	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$2.6270			
Financial	Financial Option	Put	3/1/2017	3376796	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$2.6270			
Financial	Financial Option	Call	3/1/2017	3378169	Scotia Bank	NYMEX NG L1D	Henry Hub			\$2.6270			
Financial	Financial Option	Put	3/1/2017	3378169	Scotia Bank	NYMEX NG L1D	Henry Hub			\$2.6270			
Financial	Financial Option	Call	3/1/2017	3379245	NextEra EnergyE EM G	NYMEX NG L1D	Henry Hub			\$2.6270			
Financial	Financial Option	Put	3/1/2017	3379245	NextEra EnergyE EM G	NYMEX NG L1D	Henry Hub			\$2.6270			
Financial	Financial Option	Call	3/1/2017	3379391	Scotia Bank	NYMEX NG L1D	Henry Hub			\$2.6270			
Financial	Financial Option	Put	3/1/2017	3379391	Scotia Bank	NYMEX NG L1D	Henry Hub			\$2.6270			
Financial	Financial Swap		3/1/2017	3226743	MerrilL ynchCom E EM	IFERC	Transco Zone 4			\$2.5500			
Financial	Financial Swap		3/1/2017	3226744	Citigroup Energy E	IFERC	Transco Zone 4			\$2.5500			
Financial	Financial Swap		3/1/2017	3226749	BKMONTREAL	IFERC	Transco Zone 4			\$2.5500			
Financial	Financial Swap		3/1/2017	3226753	JPMorganChase Bank E	IFERC	Columbia Gulf			\$2.5000			
Financial	Financial Swap		3/1/2017	3226755	BKMONTREAL	IFERC	Columbia Gulf			\$2.5000			
Financial	Financial Swap		3/1/2017	3226758	Macquarie Bank Ltd	IFERC	Henry Hub			\$2.6200			
Financial	Financial Swap		3/1/2017	3226769	MerrilL ynchCom E EM	IFERC	Henry Hub			\$2.6200			
Financial	Financial Swap		3/1/2017	3226797	BKMONTREAL	IFERC	Henry Hub			\$2.6200			
Financial	Financial Swap		3/1/2017	3226800	MerrilL ynchCom E EM	IFERC	Transco Zone 4			\$2.5500			
Financial	Financial Swap		3/1/2017	3226802	MerrilL ynchCom E EM	IFERC	Henry Hub			\$2.6200			
Financial	Financial Swap		3/1/2017	3228846	JPMorganChase Bank E	IFERC	Henry Hub			\$2.6200			
Financial	Financial Swap		3/1/2017	3238361	MerrilL ynchCom E EM	IFERC	Henry Hub			\$2.6200			
Financial	Financial Swap		3/1/2017	3238366	Citigroup Energy E	IFERC	Henry Hub			\$2.6200			
Financial	Financial Swap		3/1/2017	3247193	Citigroup Energy E	IFERC	Henry Hub			\$2.6200			
Financial	Financial Swap		3/1/2017	3247210	JPMorganChase Bank E	IFERC	Transco Zone 4			\$2.5500			
Financial	Financial Swap		3/1/2017	3251363	Citigroup Energy E	IFERC	Transco Zone 4			\$2.5500			
Financial	Financial Swap		3/1/2017	3259756	JPMorganChase Bank E	IFERC	Columbia Gulf			\$2.5000			
Financial	Financial Swap		3/1/2017	3262325	Macquarie Bank Ltd	IFERC	Columbia Gulf			\$2.5000			
Financial	Financial Swap		3/1/2017	3262764	Citigroup Energy E	IFERC	Columbia Gulf			\$2.5000			
Financial	Financial Swap		3/1/2017	3281831	JPMorganChase Bank E	IFERC	Henry Hub			\$2.6200			
Financial	Financial Swap		3/1/2017	3292665	MerrilL ynchCom E EM	IFERC	Columbia Gulf			\$2.5000			
Financial	Financial Swap		3/1/2017	3293956	MerrilL ynchCom E EM	IFERC	Columbia Gulf			\$2.5000			
Financial	Financial Swap		3/1/2017	3298143	MerrilL ynchCom E EM	IFERC	Transco Zone 4			\$2.5500			
Financial	Financial Swap		3/1/2017	3310890	Morgan Stanley E	IFERC	Transco Zone 4			\$2.5500			
Financial	Financial Swap		3/1/2017	3317959	Citigroup Energy E	IFERC	Transco Zone 4			\$2.5500			
Financial	Financial Swap		3/1/2017	3321309	Citigroup Energy E	IFERC	Transco Zone 4			\$2.5500			
Financial	Financial Swap		3/1/2017	3322309	MerrilL ynchCom E EM	IFERC	Transco Zone 4			\$2.5500			
Financial	Financial Swap		3/1/2017	3322489	MerrilL ynchCom E EM	IFERC	Transco Zone 4			\$2.5500			
Financial	Financial Swap		3/1/2017	3323582	JPMorganChase Bank E	IFERC	Transco Zone 4			\$2.5500			
Financial	Financial Swap		3/1/2017	3324360	Citigroup Energy E	IFERC	Transco Zone 4			\$2.5500			
Financial	Financial Swap		3/1/2017	3327190	JPMorganChase Bank E	IFERC	Transco Zone 4			\$2.5500			
Financial	Financial Swap		3/1/2017	3333331	Macquarie Bank Ltd	IFERC	Transco Zone 4			\$2.5500			
Financial	Financial Swap		3/1/2017	3340910	Macquarie Bank Ltd	IFERC	Columbia Gulf			\$2.5000			
Financial	Financial Swap		3/1/2017	3352500	Scotia Bank	IFERC	Transco Zone 4			\$2.5500			
Financial	Financial Swap		3/1/2017	3353714	BKMONTREAL	IFERC	Transco Zone 4			\$2.5500			
Financial	Financial Swap		3/1/2017	3356329	Citigroup Energy E	IFERC	Transco Zone 4			\$2.5500			
Financial	Financial Swap		3/1/2017	3360090	Macquarie Bank Ltd	IFERC	Transco Zone 4			\$2.5500			

Physical/ Financial	Instrument	Put/Call	Month	Trade Number	Counterparty	Market	Location	Volume	Fixed Price (\$/MMBtu)	Settlement (\$/MMBtu)	Savings/Cost on Hedge	Actual/Projected Burns	% Hedged
Financial	Financial Swap		3/1/2017	3363076	Scotia Bank	IFERC	Transco Zone 4	[REDACTED]		\$2.5500			
Financial	Financial Swap		3/1/2017	3364213	Scotia Bank	IFERC	Transco Zone 4			\$2.5500			
Financial	Financial Swap		3/1/2017	3364689	Morgan Stanley E	IFERC	Transco Zone 4			\$2.5500			
Financial	Financial Swap		3/1/2017	3365344	BKMONTREAL	IFERC	Transco Zone 4			\$2.5500			
Financial	Financial Swap		3/1/2017	3368347	Merril LynchCom E EM	IFERC	Transco Zone 4			\$2.5500			
Financial	Financial Swap		3/1/2017	3369209	Scotia Bank	IFERC	Transco Zone 4			\$2.5500			
Financial	Financial Swap		3/1/2017	3370589	BNP Paribas E,EM	IFERC	Transco Zone 4			\$2.5500			
Financial	Financial Swap		3/1/2017	3374594	BNP Paribas E,EM	IFERC	Transco Zone 4			\$2.5500			
			3/1/2017 Total									15,386,300	[REDACTED]

Physical/ Financial	Instrument	Put/Call	Month	Trade Number	Counterparty	Market	Location	Volume	Fixed Price (\$/MMBtu)	Settlement (\$/MMBtu)	Savings/Cost on Hedge	Actual/Projected Burns	% Hedged
Financial	Financial Option	Call	4/1/2017	3292660	Citigroup Energy E	NYMEX NG L1D	Henry Hub			\$3.1750			
Financial	Financial Option	Put	4/1/2017	3292660	Citigroup Energy E	NYMEX NG L1D	Henry Hub			\$3.1750			
Financial	Financial Option	Call	4/1/2017	3304154	JPMorganChase Bank E	NYMEX NG L1D	Henry Hub			\$3.1750			
Financial	Financial Option	Put	4/1/2017	3304154	JPMorganChase Bank E	NYMEX NG L1D	Henry Hub			\$3.1750			
Financial	Financial Option	Call	4/1/2017	3325561	Merrill LynchCom E EM	NYMEX NG L1D	Henry Hub			\$3.1750			
Financial	Financial Option	Put	4/1/2017	3325561	Merrill LynchCom E EM	NYMEX NG L1D	Henry Hub			\$3.1750			
Financial	Financial Option	Call	4/1/2017	3339456	Merrill LynchCom E EM	IFERC	Henry Hub			\$3.1800			
Financial	Financial Option	Put	4/1/2017	3339456	Merrill LynchCom E EM	IFERC	Henry Hub			\$3.1800			
Financial	Financial Option	Call	4/1/2017	3340629	Merrill LynchCom E EM	IFERC	Henry Hub			\$3.1800			
Financial	Financial Option	Put	4/1/2017	3340629	Merrill LynchCom E EM	IFERC	Henry Hub			\$3.1800			
Financial	Financial Option	Call	4/1/2017	3344768	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.1750			
Financial	Financial Option	Put	4/1/2017	3344768	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.1750			
Financial	Financial Option	Call	4/1/2017	3348100	Merrill LynchCom E EM	NYMEX NG L1D	Henry Hub			\$3.1750			
Financial	Financial Option	Put	4/1/2017	3348100	Merrill LynchCom E EM	NYMEX NG L1D	Henry Hub			\$3.1750			
Financial	Financial Option	Call	4/1/2017	3353287	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.1750			
Financial	Financial Option	Put	4/1/2017	3353287	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.1750			
Financial	Financial Option	Call	4/1/2017	3364000	Macquarie Bank Ltd	NYMEX NG L1D	Henry Hub			\$3.1750			
Financial	Financial Option	Put	4/1/2017	3364000	Macquarie Bank Ltd	NYMEX NG L1D	Henry Hub			\$3.1750			
Financial	Financial Option	Call	4/1/2017	3365803	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.1750			
Financial	Financial Option	Put	4/1/2017	3365803	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.1750			
Financial	Financial Option	Call	4/1/2017	3368554	Scotia Bank	NYMEX NG L1D	Henry Hub			\$3.1750			
Financial	Financial Option	Put	4/1/2017	3368554	Scotia Bank	NYMEX NG L1D	Henry Hub			\$3.1750			
Financial	Financial Option	Call	4/1/2017	3371049	Morgan Stanley E	NYMEX NG L1D	Henry Hub			\$3.1750			
Financial	Financial Option	Put	4/1/2017	3371049	Morgan Stanley E	NYMEX NG L1D	Henry Hub			\$3.1750			
Financial	Financial Option	Call	4/1/2017	3375608	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.1750			
Financial	Financial Option	Put	4/1/2017	3375608	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.1750			
Financial	Financial Option	Call	4/1/2017	3379245	NextEra EnergyE EM G	NYMEX NG L1D	Henry Hub			\$3.1750			
Financial	Financial Option	Put	4/1/2017	3379245	NextEra EnergyE EM G	NYMEX NG L1D	Henry Hub			\$3.1750			
Financial	Financial Option	Call	4/1/2017	3382352	BNP Paribas E,EM	NYMEX NG L1D	Henry Hub			\$3.1750			
Financial	Financial Option	Put	4/1/2017	3382352	BNP Paribas E,EM	NYMEX NG L1D	Henry Hub			\$3.1750			
Financial	Financial Swap		4/1/2017	3260968	Merrill LynchCom E EM	IFERC	Henry Hub			\$3.1800			
Financial	Financial Swap		4/1/2017	3262405	JPMorganChase Bank E	IFERC	Henry Hub			\$3.1800			
Financial	Financial Swap		4/1/2017	3271065	Morgan Stanley E	IFERC	Columbia Gulf			\$3.0600			
Financial	Financial Swap		4/1/2017	3273280	Merrill LynchCom E EM	IFERC	Columbia Gulf			\$3.0600			
Financial	Financial Swap		4/1/2017	3275166	Merrill LynchCom E EM	IFERC	Henry Hub			\$3.1800			
Financial	Financial Swap		4/1/2017	3277473	Citigroup Energy E	IFERC	Henry Hub			\$3.1800			
Financial	Financial Swap		4/1/2017	3277781	JPMorganChase Bank E	IFERC	Henry Hub			\$3.1800			
Financial	Financial Swap		4/1/2017	3279677	Merrill LynchCom E EM	IFERC	Henry Hub			\$3.1800			
Financial	Financial Swap		4/1/2017	3281830	Macquarie Bank Ltd	IFERC	Henry Hub			\$3.1800			
Financial	Financial Swap		4/1/2017	3283779	Citigroup Energy E	IFERC	Columbia Gulf			\$3.0600			
Financial	Financial Swap		4/1/2017	3284454	Macquarie Bank Ltd	IFERC	Columbia Gulf			\$3.0600			
Financial	Financial Swap		4/1/2017	3286347	Merrill LynchCom E EM	IFERC	Columbia Gulf			\$3.0600			
Financial	Financial Swap		4/1/2017	3293942	BNP Paribas E,EM	IFERC	Columbia Gulf			\$3.0600			
Financial	Financial Swap		4/1/2017	3297901	Merrill LynchCom E EM	IFERC	Transco Zone 4			\$3.1100			
Financial	Financial Swap		4/1/2017	3298144	Citigroup Energy E	IFERC	Transco Zone 4			\$3.1100			
Financial	Financial Swap		4/1/2017	3302075	Merrill LynchCom E EM	IFERC	Transco Zone 4			\$3.1100			
Financial	Financial Swap		4/1/2017	3306927	JPMorganChase Bank E	IFERC	Transco Zone 4			\$3.1100			
Financial	Financial Swap		4/1/2017	3310887	Merrill LynchCom E EM	IFERC	Transco Zone 4			\$3.1100			
Financial	Financial Swap		4/1/2017	3313791	Merrill LynchCom E EM	IFERC	Transco Zone 4			\$3.1100			
Financial	Financial Swap		4/1/2017	3317957	Merrill LynchCom E EM	IFERC	Transco Zone 4			\$3.1100			
Financial	Financial Swap		4/1/2017	3321308	Merrill LynchCom E EM	IFERC	Transco Zone 4			\$3.1100			
Financial	Financial Swap		4/1/2017	3322306	Merrill LynchCom E EM	IFERC	Transco Zone 4			\$3.1100			
Financial	Financial Swap		4/1/2017	3322459	Merrill LynchCom E EM	IFERC	Transco Zone 4			\$3.1100			
Financial	Financial Swap		4/1/2017	3323412	Citigroup Energy E	IFERC	Transco Zone 4			\$3.1100			
Financial	Financial Swap		4/1/2017	3324166	Macquarie Bank Ltd	IFERC	Transco Zone 4			\$3.1100			
Financial	Financial Swap		4/1/2017	3325232	Merrill LynchCom E EM	IFERC	Transco Zone 4			\$3.1100			
Financial	Financial Swap		4/1/2017	3326585	Citigroup Energy E	IFERC	Transco Zone 4			\$3.1100			
Financial	Financial Swap		4/1/2017	3327184	JPMorganChase Bank E	IFERC	Transco Zone 4			\$3.1100			
Financial	Financial Swap		4/1/2017	3328305	Macquarie Bank Ltd	IFERC	Transco Zone 4			\$3.1100			
Financial	Financial Swap		4/1/2017	3330750	Macquarie Bank Ltd	IFERC	Transco Zone 4			\$3.1100			
Financial	Financial Swap		4/1/2017	3331415	Morgan Stanley E	IFERC	Transco Zone 4			\$3.1100			
Financial	Financial Swap		4/1/2017	3332726	Merrill LynchCom E EM	IFERC	Columbia Gulf			\$3.0600			
Financial	Financial Swap		4/1/2017	3346064	Morgan Stanley E	IFERC	Henry Hub			\$3.1800			
Financial	Financial Swap		4/1/2017	3349169	JPMorganChase Bank E	IFERC	Transco Zone 4			\$3.1100			
Financial	Financial Swap		4/1/2017	3351115	Merrill LynchCom E EM	IFERC	Transco Zone 4			\$3.1100			

Physical/ Financial	Instrument	Put/Call	Month	Trade Number	Counterparty	Market	Location	Volume	Fixed Price (\$/MMBtu)	Settlement (\$/MMBtu)	Savings/Cost on Hedge	Actual/Projected Burns	% Hedged
Financial	Financial Swap		4/1/2017	3352224	MerrilL ynchCom E EM	IFERC	Transco Zone 4			\$3.1100			
Financial	Financial Swap		4/1/2017	3356328	BKMONTREAL	IFERC	Transco Zone 4			\$3.1100			
Financial	Financial Swap		4/1/2017	3358457	MerrilL ynchCom E EM	IFERC	Transco Zone 4			\$3.1100			
Financial	Financial Swap		4/1/2017	3358671	BKMONTREAL	IFERC	Transco Zone 4			\$3.1100			
Financial	Financial Swap		4/1/2017	3359031	Citigroup Energy E	IFERC	Transco Zone 4			\$3.1100			
Financial	Financial Swap		4/1/2017	3360091	BKMONTREAL	IFERC	Transco Zone 4			\$3.1100			
Financial	Financial Swap		4/1/2017	3363074	Citigroup Energy E	IFERC	Transco Zone 4			\$3.1100			
			4/1/2017 Total									17,613,000	

Physical/ Financial	Instrument	Put/Call	Month	Trade Number	Counterparty	Market	Location	Volume	Fixed Price (\$/MMBtu)	Settlement (\$/MMBtu)	Savings/Cost on Hedge	Actual/Projected Burns	% Hedged
Financial	Financial Option	Call	5/1/2017	3292660	Citigroup Energy E	NYMEX NG L1D	Henry Hub			\$3.1420			
Financial	Financial Option	Put	5/1/2017	3292660	Citigroup Energy E	NYMEX NG L1D	Henry Hub			\$3.1420			
Financial	Financial Option	Call	5/1/2017	3304154	JPMorganChase Bank E	NYMEX NG L1D	Henry Hub			\$3.1420			
Financial	Financial Option	Put	5/1/2017	3304154	JPMorganChase Bank E	NYMEX NG L1D	Henry Hub			\$3.1420			
Financial	Financial Option	Call	5/1/2017	3325561	Merrill LynchCom E EM	NYMEX NG L1D	Henry Hub			\$3.1420			
Financial	Financial Option	Put	5/1/2017	3325561	Merrill LynchCom E EM	NYMEX NG L1D	Henry Hub			\$3.1420			
Financial	Financial Option	Call	5/1/2017	3339456	Merrill LynchCom E EM	IFERC	Henry Hub			\$3.1400			
Financial	Financial Option	Put	5/1/2017	3339456	Merrill LynchCom E EM	IFERC	Henry Hub			\$3.1400			
Financial	Financial Option	Call	5/1/2017	3340629	Merrill LynchCom E EM	IFERC	Henry Hub			\$3.1400			
Financial	Financial Option	Put	5/1/2017	3340629	Merrill LynchCom E EM	IFERC	Henry Hub			\$3.1400			
Financial	Financial Option	Call	5/1/2017	3344768	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.1420			
Financial	Financial Option	Put	5/1/2017	3344768	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.1420			
Financial	Financial Option	Call	5/1/2017	3348100	Merrill LynchCom E EM	NYMEX NG L1D	Henry Hub			\$3.1420			
Financial	Financial Option	Put	5/1/2017	3348100	Merrill LynchCom E EM	NYMEX NG L1D	Henry Hub			\$3.1420			
Financial	Financial Option	Call	5/1/2017	3353287	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.1420			
Financial	Financial Option	Put	5/1/2017	3353287	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.1420			
Financial	Financial Option	Call	5/1/2017	3364000	Macquarie Bank Ltd	NYMEX NG L1D	Henry Hub			\$3.1420			
Financial	Financial Option	Put	5/1/2017	3364000	Macquarie Bank Ltd	NYMEX NG L1D	Henry Hub			\$3.1420			
Financial	Financial Option	Call	5/1/2017	3365803	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.1420			
Financial	Financial Option	Put	5/1/2017	3365803	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.1420			
Financial	Financial Option	Call	5/1/2017	3368554	Scotia Bank	NYMEX NG L1D	Henry Hub			\$3.1420			
Financial	Financial Option	Put	5/1/2017	3368554	Scotia Bank	NYMEX NG L1D	Henry Hub			\$3.1420			
Financial	Financial Option	Call	5/1/2017	3371049	Morgan Stanley E	NYMEX NG L1D	Henry Hub			\$3.1420			
Financial	Financial Option	Put	5/1/2017	3371049	Morgan Stanley E	NYMEX NG L1D	Henry Hub			\$3.1420			
Financial	Financial Option	Call	5/1/2017	3375608	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.1420			
Financial	Financial Option	Put	5/1/2017	3375608	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.1420			
Financial	Financial Option	Call	5/1/2017	3379245	NextEra EnergyE EM G	NYMEX NG L1D	Henry Hub			\$3.1420			
Financial	Financial Option	Put	5/1/2017	3379245	NextEra EnergyE EM G	NYMEX NG L1D	Henry Hub			\$3.1420			
Financial	Financial Option	Call	5/1/2017	3382352	BNP Paribas E,EM	NYMEX NG L1D	Henry Hub			\$3.1420			
Financial	Financial Option	Put	5/1/2017	3382352	BNP Paribas E,EM	NYMEX NG L1D	Henry Hub			\$3.1420			
Financial	Financial Swap		5/1/2017	3260968	Merrill LynchCom E EM	IFERC	Henry Hub			\$3.1400			
Financial	Financial Swap		5/1/2017	3262405	JPMorganChase Bank E	IFERC	Henry Hub			\$3.1400			
Financial	Financial Swap		5/1/2017	3262763	Merrill LynchCom E EM	IFERC	Henry Hub			\$3.1400			
Financial	Financial Swap		5/1/2017	3263099	Merrill LynchCom E EM	IFERC	Henry Hub			\$3.1400			
Financial	Financial Swap		5/1/2017	3263463	JPMorganChase Bank E	IFERC	Henry Hub			\$3.1400			
Financial	Financial Swap		5/1/2017	3264898	JPMorganChase Bank E	IFERC	Henry Hub			\$3.1400			
Financial	Financial Swap		5/1/2017	3266448	Morgan Stanley E	IFERC	Henry Hub			\$3.1400			
Financial	Financial Swap		5/1/2017	3271065	Morgan Stanley E	IFERC	Columbia Gulf			\$3.0200			
Financial	Financial Swap		5/1/2017	3273280	Merrill LynchCom E EM	IFERC	Columbia Gulf			\$3.0200			
Financial	Financial Swap		5/1/2017	3275166	Merrill LynchCom E EM	IFERC	Henry Hub			\$3.1400			
Financial	Financial Swap		5/1/2017	3277473	Citigroup Energy E	IFERC	Henry Hub			\$3.1400			
Financial	Financial Swap		5/1/2017	3277781	JPMorganChase Bank E	IFERC	Henry Hub			\$3.1400			
Financial	Financial Swap		5/1/2017	3279677	Merrill LynchCom E EM	IFERC	Henry Hub			\$3.1400			
Financial	Financial Swap		5/1/2017	3281830	Macquarie Bank Ltd	IFERC	Henry Hub			\$3.1400			
Financial	Financial Swap		5/1/2017	3283779	Citigroup Energy E	IFERC	Columbia Gulf			\$3.0200			
Financial	Financial Swap		5/1/2017	3284454	Macquarie Bank Ltd	IFERC	Columbia Gulf			\$3.0200			
Financial	Financial Swap		5/1/2017	3286347	Merrill LynchCom E EM	IFERC	Columbia Gulf			\$3.0200			
Financial	Financial Swap		5/1/2017	3293942	BNP Paribas E,EM	IFERC	Columbia Gulf			\$3.0200			
Financial	Financial Swap		5/1/2017	3297901	Merrill LynchCom E EM	IFERC	Transco Zone 4			\$3.0700			
Financial	Financial Swap		5/1/2017	3298144	Citigroup Energy E	IFERC	Transco Zone 4			\$3.0700			
Financial	Financial Swap		5/1/2017	3302075	Merrill LynchCom E EM	IFERC	Transco Zone 4			\$3.0700			
Financial	Financial Swap		5/1/2017	3306927	JPMorganChase Bank E	IFERC	Transco Zone 4			\$3.0700			
Financial	Financial Swap		5/1/2017	3310887	Merrill LynchCom E EM	IFERC	Transco Zone 4			\$3.0700			
Financial	Financial Swap		5/1/2017	3313791	Merrill LynchCom E EM	IFERC	Transco Zone 4			\$3.0700			
Financial	Financial Swap		5/1/2017	3317957	Merrill LynchCom E EM	IFERC	Transco Zone 4			\$3.0700			
Financial	Financial Swap		5/1/2017	3321308	Merrill LynchCom E EM	IFERC	Transco Zone 4			\$3.0700			
Financial	Financial Swap		5/1/2017	3322306	Merrill LynchCom E EM	IFERC	Transco Zone 4			\$3.0700			
Financial	Financial Swap		5/1/2017	3322459	Merrill LynchCom E EM	IFERC	Transco Zone 4			\$3.0700			
Financial	Financial Swap		5/1/2017	3323412	Citigroup Energy E	IFERC	Transco Zone 4			\$3.0700			
Financial	Financial Swap		5/1/2017	3324166	Macquarie Bank Ltd	IFERC	Transco Zone 4			\$3.0700			
Financial	Financial Swap		5/1/2017	3325232	Merrill LynchCom E EM	IFERC	Transco Zone 4			\$3.0700			
Financial	Financial Swap		5/1/2017	3326585	Citigroup Energy E	IFERC	Transco Zone 4			\$3.0700			
Financial	Financial Swap		5/1/2017	3327184	JPMorganChase Bank E	IFERC	Transco Zone 4			\$3.0700			
Financial	Financial Swap		5/1/2017	3328305	Macquarie Bank Ltd	IFERC	Transco Zone 4			\$3.0700			
Financial	Financial Swap		5/1/2017	3330750	Macquarie Bank Ltd	IFERC	Transco Zone 4			\$3.0700			

Physical/ Financial	Instrument	Put/Call	Month	Trade Number	Counterparty	Market	Location	Volume	Fixed Price (\$/MMBtu)	Settlement (\$/MMBtu)	Savings/Cost on Hedge	Actual/Projected Burns	% Hedged
Financial	Financial Swap		5/1/2017	3331415	Morgan Stanley E	IFERC	Transco Zone 4			\$3.0700			
Financial	Financial Swap		5/1/2017	3332726	MerrilL ynchCom E EM	IFERC	Columbia Gulf			\$3.0200			
Financial	Financial Swap		5/1/2017	3346064	Morgan Stanley E	IFERC	Henry Hub			\$3.1400			
Financial	Financial Swap		5/1/2017	3349169	JPMorganChase Bank E	IFERC	Transco Zone 4			\$3.0700			
Financial	Financial Swap		5/1/2017	3351115	MerrilL ynchCom E EM	IFERC	Transco Zone 4			\$3.0700			
Financial	Financial Swap		5/1/2017	3352224	MerrilL ynchCom E EM	IFERC	Transco Zone 4			\$3.0700			
Financial	Financial Swap		5/1/2017	3356328	BKMONTREAL	IFERC	Transco Zone 4			\$3.0700			
Financial	Financial Swap		5/1/2017	3358457	MerrilL ynchCom E EM	IFERC	Transco Zone 4			\$3.0700			
Financial	Financial Swap		5/1/2017	3358671	BKMONTREAL	IFERC	Transco Zone 4			\$3.0700			
Financial	Financial Swap		5/1/2017	3359031	Citigroup Energy E	IFERC	Transco Zone 4			\$3.0700			
Financial	Financial Swap		5/1/2017	3360091	BKMONTREAL	IFERC	Transco Zone 4			\$3.0700			
Financial	Financial Swap		5/1/2017	3363074	Citigroup Energy E	IFERC	Transco Zone 4			\$3.0700			
			5/1/2017 Total									21,475,800	

Physical/ Financial	Instrument	Put/Call	Month	Trade Number	Counterparty	Market	Location	Volume	Fixed Price (\$/MMBtu)	Settlement (\$/MMBtu)	Savings/Cost on Hedge	Actual/Projected Burns	% Hedged
Financial	Financial Option	Call	6/1/2017	3292660	Citigroup Energy E	NYMEX NG L1D	Henry Hub			\$3.2360			
Financial	Financial Option	Put	6/1/2017	3292660	Citigroup Energy E	NYMEX NG L1D	Henry Hub			\$3.2360			
Financial	Financial Option	Call	6/1/2017	3304154	JPMorganChase Bank E	NYMEX NG L1D	Henry Hub			\$3.2360			
Financial	Financial Option	Put	6/1/2017	3304154	JPMorganChase Bank E	NYMEX NG L1D	Henry Hub			\$3.2360			
Financial	Financial Option	Call	6/1/2017	3325561	Merrill LynchCom E EM	NYMEX NG L1D	Henry Hub			\$3.2360			
Financial	Financial Option	Put	6/1/2017	3325561	Merrill LynchCom E EM	NYMEX NG L1D	Henry Hub			\$3.2360			
Financial	Financial Option	Call	6/1/2017	3339456	Merrill LynchCom E EM	IFERC	Henry Hub			\$3.2400			
Financial	Financial Option	Put	6/1/2017	3339456	Merrill LynchCom E EM	IFERC	Henry Hub			\$3.2400			
Financial	Financial Option	Call	6/1/2017	3340629	Merrill LynchCom E EM	IFERC	Henry Hub			\$3.2400			
Financial	Financial Option	Put	6/1/2017	3340629	Merrill LynchCom E EM	IFERC	Henry Hub			\$3.2400			
Financial	Financial Option	Call	6/1/2017	3344768	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.2360			
Financial	Financial Option	Put	6/1/2017	3344768	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.2360			
Financial	Financial Option	Call	6/1/2017	3348100	Merrill LynchCom E EM	NYMEX NG L1D	Henry Hub			\$3.2360			
Financial	Financial Option	Put	6/1/2017	3348100	Merrill LynchCom E EM	NYMEX NG L1D	Henry Hub			\$3.2360			
Financial	Financial Option	Call	6/1/2017	3353287	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.2360			
Financial	Financial Option	Put	6/1/2017	3353287	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.2360			
Financial	Financial Option	Call	6/1/2017	3364000	Macquarie Bank Ltd	NYMEX NG L1D	Henry Hub			\$3.2360			
Financial	Financial Option	Put	6/1/2017	3364000	Macquarie Bank Ltd	NYMEX NG L1D	Henry Hub			\$3.2360			
Financial	Financial Option	Call	6/1/2017	3365803	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.2360			
Financial	Financial Option	Put	6/1/2017	3365803	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.2360			
Financial	Financial Option	Call	6/1/2017	3368554	Scotia Bank	NYMEX NG L1D	Henry Hub			\$3.2360			
Financial	Financial Option	Put	6/1/2017	3368554	Scotia Bank	NYMEX NG L1D	Henry Hub			\$3.2360			
Financial	Financial Option	Call	6/1/2017	3371049	Morgan Stanley E	NYMEX NG L1D	Henry Hub			\$3.2360			
Financial	Financial Option	Put	6/1/2017	3371049	Morgan Stanley E	NYMEX NG L1D	Henry Hub			\$3.2360			
Financial	Financial Option	Call	6/1/2017	3375608	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.2360			
Financial	Financial Option	Put	6/1/2017	3375608	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.2360			
Financial	Financial Option	Call	6/1/2017	3379245	NextEra EnergyE EM G	NYMEX NG L1D	Henry Hub			\$3.2360			
Financial	Financial Option	Put	6/1/2017	3379245	NextEra EnergyE EM G	NYMEX NG L1D	Henry Hub			\$3.2360			
Financial	Financial Option	Call	6/1/2017	3382352	BNP Paribas E,EM	NYMEX NG L1D	Henry Hub			\$3.2360			
Financial	Financial Option	Put	6/1/2017	3382352	BNP Paribas E,EM	NYMEX NG L1D	Henry Hub			\$3.2360			
Financial	Financial Swap		6/1/2017	3260968	Merrill LynchCom E EM	IFERC	Henry Hub			\$3.2400			
Financial	Financial Swap		6/1/2017	3262405	JPMorganChase Bank E	IFERC	Henry Hub			\$3.2400			
Financial	Financial Swap		6/1/2017	3262763	Merrill LynchCom E EM	IFERC	Henry Hub			\$3.2400			
Financial	Financial Swap		6/1/2017	3263099	Merrill LynchCom E EM	IFERC	Henry Hub			\$3.2400			
Financial	Financial Swap		6/1/2017	3263463	JPMorganChase Bank E	IFERC	Henry Hub			\$3.2400			
Financial	Financial Swap		6/1/2017	3264898	JPMorganChase Bank E	IFERC	Henry Hub			\$3.2400			
Financial	Financial Swap		6/1/2017	3266448	Morgan Stanley E	IFERC	Henry Hub			\$3.2400			
Financial	Financial Swap		6/1/2017	3271065	Morgan Stanley E	IFERC	Columbia Gulf			\$3.1100			
Financial	Financial Swap		6/1/2017	3273280	Merrill LynchCom E EM	IFERC	Columbia Gulf			\$3.1100			
Financial	Financial Swap		6/1/2017	3275166	Merrill LynchCom E EM	IFERC	Henry Hub			\$3.2400			
Financial	Financial Swap		6/1/2017	3277473	Citigroup Energy E	IFERC	Henry Hub			\$3.2400			
Financial	Financial Swap		6/1/2017	3277781	JPMorganChase Bank E	IFERC	Henry Hub			\$3.2400			
Financial	Financial Swap		6/1/2017	3279677	Merrill LynchCom E EM	IFERC	Henry Hub			\$3.2400			
Financial	Financial Swap		6/1/2017	3281830	Macquarie Bank Ltd	IFERC	Henry Hub			\$3.2400			
Financial	Financial Swap		6/1/2017	3283779	Citigroup Energy E	IFERC	Columbia Gulf			\$3.1100			
Financial	Financial Swap		6/1/2017	3284454	Macquarie Bank Ltd	IFERC	Columbia Gulf			\$3.1100			
Financial	Financial Swap		6/1/2017	3286347	Merrill LynchCom E EM	IFERC	Columbia Gulf			\$3.1100			
Financial	Financial Swap		6/1/2017	3293942	BNP Paribas E,EM	IFERC	Columbia Gulf			\$3.1100			
Financial	Financial Swap		6/1/2017	3297901	Merrill LynchCom E EM	IFERC	Transco Zone 4			\$3.1800			
Financial	Financial Swap		6/1/2017	3298144	Citigroup Energy E	IFERC	Transco Zone 4			\$3.1800			
Financial	Financial Swap		6/1/2017	3302075	Merrill LynchCom E EM	IFERC	Transco Zone 4			\$3.1800			
Financial	Financial Swap		6/1/2017	3306927	JPMorganChase Bank E	IFERC	Transco Zone 4			\$3.1800			
Financial	Financial Swap		6/1/2017	3310887	Merrill LynchCom E EM	IFERC	Transco Zone 4			\$3.1800			
Financial	Financial Swap		6/1/2017	3313791	Merrill LynchCom E EM	IFERC	Transco Zone 4			\$3.1800			
Financial	Financial Swap		6/1/2017	3317957	Merrill LynchCom E EM	IFERC	Transco Zone 4			\$3.1800			
Financial	Financial Swap		6/1/2017	3321308	Merrill LynchCom E EM	IFERC	Transco Zone 4			\$3.1800			
Financial	Financial Swap		6/1/2017	3322306	Merrill LynchCom E EM	IFERC	Transco Zone 4			\$3.1800			
Financial	Financial Swap		6/1/2017	3322459	Merrill LynchCom E EM	IFERC	Transco Zone 4			\$3.1800			
Financial	Financial Swap		6/1/2017	3323412	Citigroup Energy E	IFERC	Transco Zone 4			\$3.1800			
Financial	Financial Swap		6/1/2017	3324166	Macquarie Bank Ltd	IFERC	Transco Zone 4			\$3.1800			
Financial	Financial Swap		6/1/2017	3325232	Merrill LynchCom E EM	IFERC	Transco Zone 4			\$3.1800			
Financial	Financial Swap		6/1/2017	3326585	Citigroup Energy E	IFERC	Transco Zone 4			\$3.1800			
Financial	Financial Swap		6/1/2017	3327184	JPMorganChase Bank E	IFERC	Transco Zone 4			\$3.1800			
Financial	Financial Swap		6/1/2017	3328305	Macquarie Bank Ltd	IFERC	Transco Zone 4			\$3.1800			
Financial	Financial Swap		6/1/2017	3330750	Macquarie Bank Ltd	IFERC	Transco Zone 4			\$3.1800			

Physical/ Financial	Instrument	Put/Call	Month	Trade Number	Counterparty	Market	Location	Volume	Fixed Price (\$/MMBtu)	Settlement (\$/MMBtu)	Savings/Cost on Hedge	Actual/Projected Burns	% Hedged
Financial	Financial Swap		6/1/2017	3331415	Morgan Stanley E	IFERC	Transco Zone 4			\$3.1800			
Financial	Financial Swap		6/1/2017	3332726	MerrilL ynchCom E EM	IFERC	Columbia Gulf			\$3.1100			
Financial	Financial Swap		6/1/2017	3346064	Morgan Stanley E	IFERC	Henry Hub			\$3.2400			
Financial	Financial Swap		6/1/2017	3349169	JPMorganChase Bank E	IFERC	Transco Zone 4			\$3.1800			
Financial	Financial Swap		6/1/2017	3351115	MerrilL ynchCom E EM	IFERC	Transco Zone 4			\$3.1800			
Financial	Financial Swap		6/1/2017	3352224	MerrilL ynchCom E EM	IFERC	Transco Zone 4			\$3.1800			
Financial	Financial Swap		6/1/2017	3356328	BKMONTREAL	IFERC	Transco Zone 4			\$3.1800			
Financial	Financial Swap		6/1/2017	3358457	MerrilL ynchCom E EM	IFERC	Transco Zone 4			\$3.1800			
Financial	Financial Swap		6/1/2017	3358671	BKMONTREAL	IFERC	Transco Zone 4			\$3.1800			
Financial	Financial Swap		6/1/2017	3359031	Citigroup Energy E	IFERC	Transco Zone 4			\$3.1800			
Financial	Financial Swap		6/1/2017	3360091	BKMONTREAL	IFERC	Transco Zone 4			\$3.1800			
Financial	Financial Swap		6/1/2017	3363074	Citigroup Energy E	IFERC	Transco Zone 4			\$3.1800			
			6/1/2017 Total									21,474,100	

Physical/ Financial	Instrument	Put/Call	Month	Trade Number	Counterparty	Market	Location	Volume	Fixed Price (\$/MMBtu)	Settlement (\$/MMBtu)	Savings/Cost on Hedge	Actual/Projected Burns	% Hedged
Financial	Financial Option	Call	7/1/2017	3292660	Citigroup Energy E	NYMEX NG L1D	Henry Hub			\$3.0670			
Financial	Financial Option	Put	7/1/2017	3292660	Citigroup Energy E	NYMEX NG L1D	Henry Hub			\$3.0670			
Financial	Financial Option	Call	7/1/2017	3304154	JPMorganChase Bank E	NYMEX NG L1D	Henry Hub			\$3.0670			
Financial	Financial Option	Put	7/1/2017	3304154	JPMorganChase Bank E	NYMEX NG L1D	Henry Hub			\$3.0670			
Financial	Financial Option	Call	7/1/2017	3325561	Merrill LynchCom E EM	NYMEX NG L1D	Henry Hub			\$3.0670			
Financial	Financial Option	Put	7/1/2017	3325561	Merrill LynchCom E EM	NYMEX NG L1D	Henry Hub			\$3.0670			
Financial	Financial Option	Call	7/1/2017	3339456	Merrill LynchCom E EM	IFERC	Henry Hub			\$3.0600			
Financial	Financial Option	Put	7/1/2017	3339456	Merrill LynchCom E EM	IFERC	Henry Hub			\$3.0600			
Financial	Financial Option	Call	7/1/2017	3340629	Merrill LynchCom E EM	IFERC	Henry Hub			\$3.0600			
Financial	Financial Option	Put	7/1/2017	3340629	Merrill LynchCom E EM	IFERC	Henry Hub			\$3.0600			
Financial	Financial Option	Call	7/1/2017	3344768	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.0670			
Financial	Financial Option	Put	7/1/2017	3344768	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.0670			
Financial	Financial Option	Call	7/1/2017	3348100	Merrill LynchCom E EM	NYMEX NG L1D	Henry Hub			\$3.0670			
Financial	Financial Option	Put	7/1/2017	3348100	Merrill LynchCom E EM	NYMEX NG L1D	Henry Hub			\$3.0670			
Financial	Financial Option	Call	7/1/2017	3353287	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.0670			
Financial	Financial Option	Put	7/1/2017	3353287	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.0670			
Financial	Financial Option	Call	7/1/2017	3364000	Macquarie Bank Ltd	NYMEX NG L1D	Henry Hub			\$3.0670			
Financial	Financial Option	Put	7/1/2017	3364000	Macquarie Bank Ltd	NYMEX NG L1D	Henry Hub			\$3.0670			
Financial	Financial Option	Call	7/1/2017	3365803	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.0670			
Financial	Financial Option	Put	7/1/2017	3365803	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.0670			
Financial	Financial Option	Call	7/1/2017	3368554	Scotia Bank	NYMEX NG L1D	Henry Hub			\$3.0670			
Financial	Financial Option	Put	7/1/2017	3368554	Scotia Bank	NYMEX NG L1D	Henry Hub			\$3.0670			
Financial	Financial Option	Call	7/1/2017	3371049	Morgan Stanley E	NYMEX NG L1D	Henry Hub			\$3.0670			
Financial	Financial Option	Put	7/1/2017	3371049	Morgan Stanley E	NYMEX NG L1D	Henry Hub			\$3.0670			
Financial	Financial Option	Call	7/1/2017	3375608	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.0670			
Financial	Financial Option	Put	7/1/2017	3375608	BKMONTREAL	NYMEX NG L1D	Henry Hub			\$3.0670			
Financial	Financial Option	Call	7/1/2017	3379245	NextEra EnergyE EM G	NYMEX NG L1D	Henry Hub			\$3.0670			
Financial	Financial Option	Put	7/1/2017	3379245	NextEra EnergyE EM G	NYMEX NG L1D	Henry Hub			\$3.0670			
Financial	Financial Option	Call	7/1/2017	3382352	BNP Paribas E,EM	NYMEX NG L1D	Henry Hub			\$3.0670			
Financial	Financial Option	Put	7/1/2017	3382352	BNP Paribas E,EM	NYMEX NG L1D	Henry Hub			\$3.0670			
Financial	Financial Swap		7/1/2017	3260968	Merrill LynchCom E EM	IFERC	Henry Hub			\$3.0600			
Financial	Financial Swap		7/1/2017	3262405	JPMorganChase Bank E	IFERC	Henry Hub			\$3.0600			
Financial	Financial Swap		7/1/2017	3262763	Merrill LynchCom E EM	IFERC	Henry Hub			\$3.0600			
Financial	Financial Swap		7/1/2017	3263099	Merrill LynchCom E EM	IFERC	Henry Hub			\$3.0600			
Financial	Financial Swap		7/1/2017	3263463	JPMorganChase Bank E	IFERC	Henry Hub			\$3.0600			
Financial	Financial Swap		7/1/2017	3264898	JPMorganChase Bank E	IFERC	Henry Hub			\$3.0600			
Financial	Financial Swap		7/1/2017	3266448	Morgan Stanley E	IFERC	Henry Hub			\$3.0600			
Financial	Financial Swap		7/1/2017	3271065	Morgan Stanley E	IFERC	Columbia Gulf			\$2.9500			
Financial	Financial Swap		7/1/2017	3273280	Merrill LynchCom E EM	IFERC	Columbia Gulf			\$2.9500			
Financial	Financial Swap		7/1/2017	3275166	Merrill LynchCom E EM	IFERC	Henry Hub			\$3.0600			
Financial	Financial Swap		7/1/2017	3277473	Citigroup Energy E	IFERC	Henry Hub			\$3.0600			
Financial	Financial Swap		7/1/2017	3277781	JPMorganChase Bank E	IFERC	Henry Hub			\$3.0600			
Financial	Financial Swap		7/1/2017	3279677	Merrill LynchCom E EM	IFERC	Henry Hub			\$3.0600			
Financial	Financial Swap		7/1/2017	3281830	Macquarie Bank Ltd	IFERC	Henry Hub			\$3.0600			
Financial	Financial Swap		7/1/2017	3283779	Citigroup Energy E	IFERC	Columbia Gulf			\$2.9500			
Financial	Financial Swap		7/1/2017	3284454	Macquarie Bank Ltd	IFERC	Columbia Gulf			\$2.9500			
Financial	Financial Swap		7/1/2017	3286347	Merrill LynchCom E EM	IFERC	Columbia Gulf			\$2.9500			
Financial	Financial Swap		7/1/2017	3293942	BNP Paribas E,EM	IFERC	Columbia Gulf			\$2.9500			
Financial	Financial Swap		7/1/2017	3297901	Merrill LynchCom E EM	IFERC	Transco Zone 4			\$3.0100			
Financial	Financial Swap		7/1/2017	3298144	Citigroup Energy E	IFERC	Transco Zone 4			\$3.0100			
Financial	Financial Swap		7/1/2017	3302075	Merrill LynchCom E EM	IFERC	Transco Zone 4			\$3.0100			
Financial	Financial Swap		7/1/2017	3306927	JPMorganChase Bank E	IFERC	Transco Zone 4			\$3.0100			
Financial	Financial Swap		7/1/2017	3310887	Merrill LynchCom E EM	IFERC	Transco Zone 4			\$3.0100			
Financial	Financial Swap		7/1/2017	3313791	Merrill LynchCom E EM	IFERC	Transco Zone 4			\$3.0100			
Financial	Financial Swap		7/1/2017	3317957	Merrill LynchCom E EM	IFERC	Transco Zone 4			\$3.0100			
Financial	Financial Swap		7/1/2017	3321308	Merrill LynchCom E EM	IFERC	Transco Zone 4			\$3.0100			
Financial	Financial Swap		7/1/2017	3322306	Merrill LynchCom E EM	IFERC	Transco Zone 4			\$3.0100			
Financial	Financial Swap		7/1/2017	3322459	Merrill LynchCom E EM	IFERC	Transco Zone 4			\$3.0100			
Financial	Financial Swap		7/1/2017	3323412	Citigroup Energy E	IFERC	Transco Zone 4			\$3.0100			
Financial	Financial Swap		7/1/2017	3324166	Macquarie Bank Ltd	IFERC	Transco Zone 4			\$3.0100			
Financial	Financial Swap		7/1/2017	3325232	Merrill LynchCom E EM	IFERC	Transco Zone 4			\$3.0100			
Financial	Financial Swap		7/1/2017	3326585	Citigroup Energy E	IFERC	Transco Zone 4			\$3.0100			
Financial	Financial Swap		7/1/2017	3327184	JPMorganChase Bank E	IFERC	Transco Zone 4			\$3.0100			
Financial	Financial Swap		7/1/2017	3328305	Macquarie Bank Ltd	IFERC	Transco Zone 4			\$3.0100			
Financial	Financial Swap		7/1/2017	3330750	Macquarie Bank Ltd	IFERC	Transco Zone 4			\$3.0100			

Physical/ Financial	Instrument	Put/Call	Month	Trade Number	Counterparty	Market	Location	Volume	Fixed Price (\$/MMBtu)	Settlement (\$/MMBtu)	Savings/Cost on Hedge	Actual/Projected Burns	% Hedged
Financial	Financial Swap		7/1/2017	3331415	Morgan Stanley E	IFERC	Transco Zone 4			\$3.0100			
Financial	Financial Swap		7/1/2017	3332726	MerrilL ynchCom E EM	IFERC	Columbia Gulf			\$2.9500			
Financial	Financial Swap		7/1/2017	3346064	Morgan Stanley E	IFERC	Henry Hub			\$3.0600			
Financial	Financial Swap		7/1/2017	3349169	JPMorganChase Bank E	IFERC	Transco Zone 4			\$3.0100			
Financial	Financial Swap		7/1/2017	3351115	MerrilL ynchCom E EM	IFERC	Transco Zone 4			\$3.0100			
Financial	Financial Swap		7/1/2017	3352224	MerrilL ynchCom E EM	IFERC	Transco Zone 4			\$3.0100			
Financial	Financial Swap		7/1/2017	3356328	BKMONTREAL	IFERC	Transco Zone 4			\$3.0100			
Financial	Financial Swap		7/1/2017	3358457	MerrilL ynchCom E EM	IFERC	Transco Zone 4			\$3.0100			
Financial	Financial Swap		7/1/2017	3358671	BKMONTREAL	IFERC	Transco Zone 4			\$3.0100			
Financial	Financial Swap		7/1/2017	3359031	Citigroup Energy E	IFERC	Transco Zone 4			\$3.0100			
Financial	Financial Swap		7/1/2017	3360091	BKMONTREAL	IFERC	Transco Zone 4			\$3.0100			
Financial	Financial Swap		7/1/2017	3363074	Citigroup Energy E	IFERC	Transco Zone 4			\$3.0100			
			7/1/2017 Total									25,033,600	

Exhibit C

DUKE ENERGY FLORIDA Confidentiality Justification Matrix

DOCUMENT/RESPONSES	PAGE/LINE	JUSTIFICATION
Direct Testimony of Joseph McCallister	Page 3, Line 19: actual hedging percentage.	<p>§366.093(3)(d), F.S. The document in question contains confidential information, the disclosure of which would impair DEF's efforts to contract for goods or services on favorable terms.</p> <p>§366.093(3)(e), F.S. The document in question contains confidential information relating to competitive business interests, the disclosure of which would impair the competitive business of the provider/owner of the information.</p>
DOCUMENT/RESPONSES	PAGE/LINE	JUSTIFICATION
Exhibit __ (JM-1P) "Attachment A"- January 2017– July 2017 Hedging Data	Page 1 of 15 Hedging Summary: Natural Gas-entire rows titled: January through July 2017, section titled Hedging Volumes (MMBtu's)-entire rows titled January through July 2017. Section titled and Actual Burn –all information under columns titled Hedged burns, % Hedged with Financial and % Hedged with Physical.	<p>§366.093(3)(d), F.S. The document in question contains confidential information, the disclosure of which would impair DEF's efforts to contract for goods or services on favorable terms.</p> <p>§366.093(3)(e), F.S. The document in question contains confidential information relating to competitive business interests, the disclosure of which would impair the competitive business of the provider/owner of the information.</p>

DOCUMENT/RESPONSES	PAGE/LINE	JUSTIFICATION
<p>Exhibit __ (JM-1P) -January 2017 through July 2017 Hedging Data</p>	<p>“DEF Gas Hedging Status Details”- Pages 2 through 15: entire column titled: volume, fixed price (\$/MMBtu), savings/costs on hedges, and % hedged for months January 2017 through July 2017 by counterparty.</p>	<p>§366.093(3)(d), F.S. The document in question contains confidential information, the disclosure of which would impair DEF’s efforts to contract for goods or services on favorable terms.</p> <p>§366.093(3)(e), F.S. The document in question contains confidential information relating to competitive business interests, the disclosure of which would impair the competitive business of the provider/owner of the information.</p>

Exhibit D
AFFIDAVIT OF
JOSEPH MCCALLISTER

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Fuel and purchased power cost
recovery clause with generating
performance incentive factor.

Docket No. 20170001-EI

Dated: August 18, 2017

**AFFIDAVIT OF JOSEPH McCALLISTER IN SUPPORT OF
DUKE ENERGY FLORIDA, LLC'S
REQUEST FOR CONFIDENTIAL CLASSIFICATION**

STATE OF NORTH CAROLINA

COUNTY OF MECKLENBURG

BEFORE ME, the undersigned authority duly authorized to administer oaths, personally appeared Joseph McCallister, who being first duly sworn, on oath deposes and says that:

1. My name is Joseph McCallister. I am over the age of 18 years old and I have been authorized by Duke Energy Florida (hereinafter "DEF" or the "Company") to give this affidavit in the above-styled proceeding on DEF's behalf and in support of DEF's Request for Confidential Classification (the "Request"). The facts attested to in my affidavit are based upon my personal knowledge.

2. I am the Director of Natural Gas, Oil and Emissions in the Fuel Procurement Department. This section is responsible for natural gas, fuel oil and emission allowance activity for the Duke Energy Indiana ("DEI"), Duke Energy

Kentucky (“DEK”), Duke Energy Carolinas (“DEC”), Duke Energy Progress (“DEP”), and DEF Systems.

3. As the Director of Natural Gas, Oil and Emissions, I am responsible, along with the other members of the section, for the management of the gas and oil procurement, transportation, hedging activities and administration of gas and oil contracts with various suppliers for DEI’s, DEK’s, DEC’s, DEF’s and DEP’s electrical power generation facilities.

4. DEF is seeking confidential classification information contained in my direct testimony, specifically page 3, and Exhibit___ (JM-1P), DEF’s Hedging Report for the period of January 2017 through July 2017 filed on August 18, 2017. The confidential information at issue is contained in confidential Exhibit A to DEF’s Request and is outlined in DEF’s Justification Matrix that is attached to DEF’s Request as Exhibit C. DEF is requesting confidential classification of this information because it contains sensitive business information, the disclosure of which would impair the Company’s efforts to contract for goods or services on favorable terms.

5. DEF negotiates with potential fuel suppliers to obtain competitive contracts for fuel options that provide economic value to DEF and its customers. In order to obtain such contracts, however, sensitive business information, such as forecasted volumes, hedging percentages, and hedging costs, must be kept confidential. With respect to the information at issue in this Request, DEF has kept confidential and has not publicly disclosed confidential information such as volumes, hedging costs and itemized hedging gains/losses. Absent such measures, suppliers would run the risk that sensitive business information that they provided in their bids/contracts with DEF would be made

available to the public and, as a result, end up in possession of potential competitors and suppliers and market competitors would have access to sensitive business information DEF uses to plan and execute its fuel procurement processes. With this non-public information, those suppliers or market competitors could alter their behavior to the detriment of DEF and its customers. Faced with that risk, persons or companies who otherwise would contract with DEF might decide not to do so if DEF did not keep specific information confidential. Without DEF's measures to maintain the confidentiality of sensitive terms in contracts between DEF and fuel suppliers, the Company's efforts to obtain competitive fuel supply contracts could be undermined.

6. Additionally, the disclosure of confidential information in DEF's fuel supply contracts, could adversely impact DEF's competitive business interests. If such information was disclosed to DEF's competitors, DEF's efforts to obtain competitive fuel supply options that provide economic value to both DEF and its customers could be compromised by DEF's competitors changing their consumption or purchasing behavior within the relevant markets.

7. Upon receipt of confidential information from fuel suppliers, and with its own confidential information, strict procedures are established and followed to maintain the confidentiality of the terms of the documents and information provided, including restricting access to those persons who need the information to assist the Company, and restricting the number of, and access to the information and contracts. At no time since receiving the contracts and information in question has the Company publicly disclosed that information. The Company has treated and continues to treat the information and contracts at issue as confidential.

8. This concludes my affidavit.

Further affiant sayeth not.

Dated the 16 day of August, 2017.



(Signature)
Joseph McCallister
Director – Natural Gas, Oil and Emissions
Fuels Procurement Department
Duke Energy
526 South Church
Charlotte, NC 28202

16 THE FOREGOING INSTRUMENT was sworn to and subscribed before me this 16 day of August, 2017 by Joseph McCallister. He is personally known to me, or has produced his _____ driver's license, or his _____ as identification.



(Signature)
Katie Jamieson
(Printed Name)

NOTARY PUBLIC, STATE OF NC
June 14, 2021
(Commission Expiration Date)

(Serial Number, If Any)

(AFFIX NOTARIAL SEAL)

