



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 in the above referenced docket, Duke Energy Florida, LLC's ("DEF") redacted direct testimony of Joseph McCallister and redacted Exhibit No. ___ (JM-1P), DEF's Supplemental Hedging Report for the period January 2017 through July 2017.

A Request for Confidential Classification covering the confidential information contained in the direct testimony of Joseph McCallister and Exhibit No. ___ (JM-1P), along with the confidential information at issue is being filed 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

Duke Energy Florida, LLC
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. Jeffrey 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>
---	--	--

**IN RE: PETITION ON BEHALF OF DUKE ENERGY FLORIDA, LLC.
FOR**

**FUEL AND CAPACITY COST RECOVERY
FINAL TRUE-UP FOR THE PERIOD
JANUARY THROUGH JULY 2017**

FPSC DOCKET NO. 20170001-EI

**DIRECT TESTIMONY OF
Joseph McCallister**

August 18, 2017

I. INTRODUCTION AND QUALIFICATIONS

1 **Q. Please state your name and business address.**

2 **A.** My name is Joseph McCallister. My business address is 526 South Church Street,
3 Charlotte, North Carolina 28202.

4

5 **Q. By whom are you employed and in what capacity?**

6 **A.** I work for Duke Energy Progress, LLC, an affiliate company of Duke Energy
7 Florida, LLC (“DEF”, “Petitioner” or “Company”), as the Director, Natural Gas Oil
8 and Emissions. I am responsible for the natural gas, fuel oil and emission group
9 activities in the Fuel Procurement Section of the Systems Optimization Department
10 for the Duke Energy regulated generation fleet. This group is responsible for the
11 natural gas and fuel oil acquisition and transportation needed to support the
12 generation needs for Duke Energy Indiana, Duke Energy Kentucky, Duke Energy
13 Carolinas, Duke Energy Progress and Duke Energy Florida. In addition, this group
14 is responsible for the emission allowance (“EA”) position management for Duke

1 Energy Indiana, Duke Energy Kentucky, Duke Energy Carolinas, Duke Energy
2 Progress and Duke Energy Florida.

3

4 **Q. Please describe your education background and professional experience.**

5 **A.** I received a Bachelor Degree in Business Administration majoring in Accounting
6 from The Ohio State University. While at Duke Energy, from 2003 until mid-
7 2006, I served as the Director of Portfolio and Market Risk Assessment through
8 mid-2006, the Director of Gas and Oil Trading from mid-2006 through early 2009,
9 the Director of Gas, Oil and Power from early 2009 to June 2012, and Director of
10 Gas, Oil and Emissions from July 2012 to the present. Prior to my tenure with
11 Duke Energy, I spent approximately 10 years in management positions at energy
12 trading and asset generation based companies. Summary experiences over this
13 time period include gas and power scheduling, real time power trading and
14 scheduling management, commercial management of gas storage and transportation
15 agreements, commercial management of fuel and power optimization activities for
16 unregulated generation assets and wholesale contract agreements, and corporate
17 planning.

18

19 **Q. Have your duties and responsibilities remained the same since you last
20 testified in this proceeding?**

21 **A.** Yes.

22

23

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

1

2 **Q. What were the results of DEF's hedging activities for January through July**
3 **2017?**

4 **A.** The Company's natural gas hedging activities for the period of January 2017
5 through July 2017 have resulted in hedges being above the closing natural gas
6 settlement prices by approximately \$18.7 million. With respect to coal river
7 transportation estimated fuel surcharge exposures, DEF will no longer execute
8 financial hedge transactions for periods after 2016. DEF's hedging activity did
9 achieve the objective to reduce the impacts of fuel price risk and volatility, and
10 providing greater fuel price certainty for DEF's customers.

11

12 **Q. Does this conclude your testimony?**

13 **A.** Yes.

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							14,886,100			
Feb-17							13,281,100			
Mar-17							15,386,300			
Apr-17							17,613,000			
May-17							21,475,800			
Jun-17							21,474,100			
Jul-17							25,033,600			
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 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	