

**AUSLEY McMULLEN**

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September 13, 2018

HAND DELIVERED

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

**REDACTED**

Re: Fuel and Purchased Power Cost Recovery Clause with Generating Performance  
Incentive Factor; FPSC Docket No. 20180001-EI

Dear Ms. Stauffer:

We submit on behalf of Tampa Electric Company one redacted version of Staff's Audit Work Papers pursuant to Audit Control No. 2018-058-2-2. This filing is being accompanied by a Request for Confidential Classification and Motion for Temporary Protective Order being separately filed this date with your office.

Please acknowledge receipt and filing of the above by stamping the duplicate copy of this letter and returning same to this writer.

Thank you for your assistance in connection with this matter.

Sincerely,

  
James D. Beasley

JDB/pp  
Enclosure

cc: All parties of record (w/o enc.)

RECEIVED-FPSC  
2018 SEP 13 PM 3:01  
COMMISSION  
CLERK

**CONFIDENTIAL**

**Tampa Electric  
Natural Gas Hedging Activities  
January 1, 2017 through December 31, 2017**

	Type of Hedge	Settlement Saving/(Loss)		Consumption (MMBTU)		Settle Price
Jan-17	Swaps	\$1,504,000		5,290,081		\$3.930
Feb-17	Swaps	\$506,130		4,519,738		\$3.391
Mar-17	Swaps	(\$987,895)		7,447,771		\$2.627
Apr-17	Swaps	\$516,980		8,066,423		\$3.175
May-17	Swaps	\$596,760		9,711,050		\$3.142
Jun-17	Swaps	\$581,620		8,328,925		\$3.236
Jul-17	Swaps	\$99,580		10,157,546		\$3.067
Aug-17	Swaps	\$105,050		12,876,494		\$2.969
Sep-17	Swaps	\$12,500		11,899,520		\$2.961
Oct-17	Swaps	(\$23,150)		8,860,582		\$2.974
Nov-17	Swaps	\$333,980		7,525,674		\$2.752
Dec-17	Swaps	(\$1,500)		9,063,470		\$3.074
Total		\$2,576,095		103,747,274		

For 2017, the calendar year net position for natural gas hedges was higher than the closing price of natural gas, resulting in settlement savings of \$2.6 million. *LX* es increased in 2017 due primarily to reduced drilling caused by increased demand from new liquified natural gas facilities.

Tampa Electric Company  
Hedging Activities  
08/01/2017 - 07/31/2018  
Docket No. 20180001-EI ACN 2018-058-2-2  
Subject:

*Filing 08/18 ET* maintained natural gas storage capacity of between 1,500,000 and tu to enhance its physical reliability of gas supply. The storage provides Tampa Electric with improved access to "intraday" natural gas when an operational need arises, provides improved hurricane coverage, and can be used to cost-effectively manage swings in gas supply needs during extreme weather conditions, weekends, holidays and unplanned power plant outages.

Tampa Electric also continues to improve its physical access to natural gas supply by diversifying its receipt points along the Gulf Coast and other areas when opportunities arise.

In summary, financial hedging activities for natural gas resulted in net settlement savings of approximately \$2.6 million in 2017; more importantly, Tampa Electric was successful

SOURCE



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**Tampa Electric**  
**Coal Contract to Market Indicator Price Comparisons**

Supplier	Contract (\$/MMBtu)	Market Indicator (\$/MMBtu)	Difference (\$/MMBtu)	Market Indicator Source	Note
Knight Hawk Coal LLC	[REDACTED]	\$3.39	[REDACTED]	Gen 2014-01 (RFP issued 11/5/13)	1
Consol Pennsylvania Coal Company LLC	[REDACTED]	\$3.65	[REDACTED]	Gen 2014-01 (RFP issued 11/5/13) Indices analysis	1,7
Alliance Coal LLC.	[REDACTED]	\$3.39	[REDACTED]	Gen 2014-01 (RFP issued 11/5/13)	1
Valero Marketing and Supply Company	[REDACTED]	\$2.78	[REDACTED]	Gen 2017-PC (RFP issued 10/12/16)	1,2
Armstrong Coal Company INC.	[REDACTED]	\$3.38	[REDACTED]	Argus/Coaldesk Index purchase w/ call options 7/15-24/16	6
Armstrong Coal Company INC.	[REDACTED]	\$2.96	[REDACTED]	Gen 2017-01 (RFP issued 9/26/16)	1
Trafigura AG Branch Office Stamford	[REDACTED]	\$3.24	[REDACTED]	Sale Purchase buyback for cost mitigation	8
CMC - Coal Marketing Company LTD.	[REDACTED]	\$4.12	[REDACTED]	Gen-2017-SALS (RFP issued 10.26.16)	1
Glencore Ltd.	[REDACTED]	\$3.48	[REDACTED]	Spot solicitation (Phone solicitation 4/28/17)	4
White Oak Resources LLC	[REDACTED]	\$2.83	[REDACTED]	Coaldesk (formally ICAP) & Argus Coal Daily 1/15/15 - 1/30/15	5
Trammo Inc	[REDACTED]	\$2.47	[REDACTED]	Coaldesk (formally ICAP) 2/03/17 & Argus Coal Weekly 2/03/17	9
	[REDACTED]	\$2.62	[REDACTED]	Coaldesk (formally ICAP) 3/24/17 & Argus Coal Weekly 3/27/17	3

Tampa Electric Company  
Hedging Activities  
1/01/2017 - 07/31/2018  
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Subject: *Filing 08/18 ET*

to the initial price of the contract at its inception. This price could be subject to escalation per the terms are determined on a fully delivered basis. Index values have also been calculated on a delivered

price is the average price submitted of all acceptable coal bids.

2. Index based purchase, pricing based on High posting of the Pace Petroleum Coke Index.
3. Index based purchase, pricing based on Coaldesk (formally ICAP) 3/24/17 & Argus Coal Weekly 3/27/17.
4. Spot phone solicitation for a single vessel of South American Coal.
5. Index based purchase, pricing based on average of two indices, Coaldesk (formally ICAP) and Argus Coal Daily 1/15/15 - 1/30/15.
6. Negotiated purchase with index-based pricing, based on average of two indices, Argus Coal Daily and Coaldesk JLC Indexes (July 2015).
7. Indicative pricing based on Argus Coal Daily and ICAP NAPP pricing 11/8/2013.
8. Price reflects the delivered cost of coal including transportation to, and storage for over a year at, a different terminal on the lower Mississippi.
9. Index based purchase, Coaldesk (formally ICAP) 2/03/17 and Argus Coal Weekly 2/3/17.

SOURCE \_\_\_\_\_

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Tampa Electric  
 Natural Gas Hedging Activities  
 January 1, 2018 through July 31, 2018

	Type of Hedge	Mark-to-Market Saving/(Loss)		Consumption (MMBTU)		Settle Price
Jan-18	Swaps	\$ (268,000.00)		8,829,903		\$2.738
Feb-18	Swaps	\$ 310,180.00		8,618,729		\$3.631
Mar-18	Swaps	\$ (314,780.00)		9,138,801		\$2.639
Apr-18	Swaps	\$ (125,945.00)		8,326,287		\$2.691
May-18	Swaps	\$ 15,360.00		8,901,622		\$2.821
Jun-18	Swaps	\$ (600.00)		11,427,304		\$2.875
Jul-18	Swaps	\$ 45,440.00		12,121,878		\$2.996
Total		\$ (338,345.00)		67,364,524		

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\* Required per FPSC Order No. PSC-08-0316-PAA-EI

Tampa Electric Company  
 Hedging Activities  
 08/01/2017 - 07/31/2018  
 Docket No. 20180001-EI ACN 2018-058-2-2  
 Subject: *filing 08/19/18*

SOURCE                     PBC





Copy of Unrealized Sept 2017 TEC Swaps by CP.xlsx

44.1 2.15

Trade	Company	Trade Type	Begin Time	End Time	Quantity	Price	Market Price	MTM Value	Current Asset	Current Liability	LT Asset	LT Liability	Net Current Asset	Net Current Liability	Net LT Asset	Net LT Liability
		TEC	Swap NG					\$581,585.00	\$789,135.00	(\$258,960.00)	\$51,410.00	\$0.00	\$590,860.00	(\$50,865.00)	\$51,410.00	\$0.00
		TEC	Swap NG	9/1/2017	10/1/2017		\$2.9610	(\$12,500.00)	\$100,200.00	(\$97,700.00)	\$0.00	\$0.00	\$57,750.00	(\$49,250.00)	\$0.00	\$0.00
105829		TEC	Swap NG	9/1/2017	10/1/2017		\$2.9610	(\$2,250.00)	\$73,500.00	(\$2,250.00)	\$0.00	\$0.00	\$71,250.00	\$0.00	\$0.00	\$0.00
111157		TEC	Swap NG	9/1/2017	10/1/2017		\$2.9610	(\$2,250.00)	\$0.00	(\$2,250.00)	\$0.00	\$0.00	\$0.00	(\$2,250.00)	\$0.00	\$0.00
		TEC	Swap NG	9/1/2017	10/1/2017		\$2.9610	\$73,500.00	\$73,500.00	\$0.00	\$0.00	\$0.00	\$73,500.00	\$0.00	\$0.00	\$0.00
106695		TEC	Swap NG	9/1/2017	10/1/2017		\$2.9610	(\$13,500.00)	\$28,700.00	(\$40,200.00)	\$0.00	\$0.00	\$0.00	(\$13,500.00)	\$0.00	\$0.00
118843		TEC	Swap NG	9/1/2017	10/1/2017		\$2.9610	\$28,700.00	\$28,700.00	\$0.00	\$0.00	\$0.00	\$28,700.00	\$0.00	\$0.00	\$0.00
		TEC	Swap NG	9/1/2017	10/1/2017		\$2.9610	(\$40,200.00)	\$0.00	(\$40,200.00)	\$0.00	\$0.00	\$0.00	(\$40,200.00)	\$0.00	\$0.00
116644		TEC	Swap NG	9/1/2017	10/1/2017		\$2.9610	(\$45,250.00)	\$0.00	(\$45,250.00)	\$0.00	\$0.00	\$0.00	(\$45,250.00)	\$0.00	\$0.00
118771		TEC	Swap NG	9/1/2017	10/1/2017		\$2.9610	(\$40,500.00)	\$0.00	(\$40,500.00)	\$0.00	\$0.00	\$0.00	(\$40,500.00)	\$0.00	\$0.00
		TEC	Swap NG	9/1/2017	10/1/2017		\$2.9610	(\$4,750.00)	\$0.00	(\$4,750.00)	\$0.00	\$0.00	\$0.00	(\$4,750.00)	\$0.00	\$0.00
		TEC	Swap NG					\$189,800.00	\$229,620.00	(\$40,320.00)	\$0.00	\$0.00	\$189,800.00	\$0.00	\$0.00	\$0.00
		TEC	Swap NG					\$102,800.00	\$102,800.00	\$0.00	\$0.00	\$0.00	\$102,800.00	\$0.00	\$0.00	\$0.00
117444		TEC	Swap NG	4/1/2016	3/1/2016		\$2.9280	\$84,840.00	\$96,000.00	(\$28,080.00)	\$15,400.00	\$0.00	\$69,440.00	\$0.00	\$15,400.00	\$0.00
		TEC	Swap NG					\$4,930.00	\$4,930.00	\$0.00	\$0.00	\$0.00	\$4,930.00	\$0.00	\$0.00	\$0.00
		TEC	Swap NG					\$189,090.00	\$172,490.00	(\$8,190.00)	\$22,750.00	\$0.00	\$169,340.00	\$0.00	\$22,750.00	\$0.00
114656		TEC	Swap NG	1/1/2016	2/1/2016		\$3.3260	(\$8,380.00)	\$0.00	(\$8,380.00)	\$0.00	\$0.00	\$0.00	(\$8,380.00)	\$0.00	\$0.00
		TEC	Swap NG	2/1/2016	3/1/2016		\$3.3210	(\$7,860.00)	\$1,870.00	(\$9,760.00)	\$0.00	\$0.00	\$0.00	(\$7,860.00)	\$0.00	\$0.00
Total								\$581,585.00	\$789,135.00	(\$258,960.00)	\$51,410.00	\$0.00	\$590,860.00	(\$50,865.00)	\$51,410.00	\$0.00
									\$540,175.00					\$540,175.00		
																\$51,410.00
																\$581,585.00

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REDACTED

Tampa Electric Company  
Hedging Activities  
08/01/2017 - 07/31/2018  
Docket No. 20180001-EI ACN 2018-058-2-2  
Subject: G-L 08/18/17

CONFIDENTIAL



SOURCE

REDACTED

Copy of Unrealized Oct 2017 TEC Swaps by CP.xlsx

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Group/Seq	Trade	Company	Trade Type	Begin Time	End Time	Quantity	Price	Market Price	MTM Value	Current Asset	Current Liability	LT Asset	LT Liability	Net Current Asset	Net Current Liability	Net LT Asset	Net LT Liability	
10/1/2017 12:00:00 AM		TEC	Swap NG						\$397,085.00	\$635,795.00	(\$282,840.00)	\$44,130.00	\$0.00	\$415,700.00	(\$62,745.00)	\$44,130.00	\$0.00	
		TEC	Swap NG	10/1/2017	11/1/2017			\$2,9740	(\$23,100.00)	\$89,700.00	(\$92,850.00)	\$0.00	\$0.00	\$10,550.00	(\$93,700.00)	\$0.00	\$0.00	
		TEC	Swap NG	10/1/2017	11/1/2017			\$2,9740	(\$18,300.00)	\$25,400.00	(\$41,700.00)	\$0.00	\$0.00	(\$18,300.00)	\$0.00	\$0.00	\$0.00	
	109895	TEC	Swap NG	10/1/2017	11/1/2017			\$2,9740	\$25,400.00	\$25,400.00	\$0.00	\$0.00	\$0.00	\$25,400.00	\$0.00	\$0.00	\$0.00	
	118643	TEC	Swap NG	10/1/2017	11/1/2017			\$2,9740	(\$41,700.00)	\$0.00	(\$41,700.00)	\$0.00	\$0.00	(\$41,700.00)	\$0.00	\$0.00	\$0.00	
		TEC	Swap NG	10/1/2017	11/1/2017			\$2,9740	\$28,850.00	\$38,300.00	(\$8,450.00)	\$0.00	\$0.00	\$28,850.00	\$0.00	\$0.00	\$0.00	
	100742	TEC	Swap NG	10/1/2017	11/1/2017			\$2,9740	\$19,200.00	\$19,200.00	\$0.00	\$0.00	\$0.00	\$19,200.00	\$0.00	\$0.00	\$0.00	
	112007	TEC	Swap NG	10/1/2017	11/1/2017			\$2,9740	\$17,100.00	\$17,100.00	\$0.00	\$0.00	\$0.00	\$17,100.00	\$0.00	\$0.00	\$0.00	
	117481	TEC	Swap NG	10/1/2017	11/1/2017			\$2,9740	(\$9,450.00)	\$0.00	(\$9,450.00)	\$0.00	\$0.00	(\$9,450.00)	\$0.00	\$0.00	\$0.00	
	112735	TEC	Swap NG	10/1/2017	11/1/2017			\$2,9740	(\$33,700.00)	\$8,000.00	(\$41,700.00)	\$0.00	\$0.00	\$0.00	(\$33,700.00)	\$0.00	\$0.00	
		TEC	Swap NG	10/1/2017	11/1/2017			\$2,9740	\$8,000.00	\$8,000.00	\$0.00	\$0.00	\$0.00	\$8,000.00	\$0.00	\$0.00	\$0.00	
	118944	TEC	Swap NG	10/1/2017	11/1/2017			\$2,9740	(\$41,700.00)	\$0.00	(\$41,700.00)	\$0.00	\$0.00	\$0.00	(\$41,700.00)	\$0.00	\$0.00	
		TEC	Swap NG						\$133,070.00	\$133,070.00	\$0.00	\$0.00	\$0.00	\$133,070.00	\$0.00	\$0.00	\$0.00	
		TEC	Swap NG						\$75,800.00	\$75,800.00	\$0.00	\$0.00	\$0.00	\$75,800.00	\$0.00	\$0.00	\$0.00	
		TEC	Swap NG						\$79,830.00	\$82,400.00	(\$9,450.00)	\$9,880.00	\$0.00	\$72,950.00	\$0.00	\$9,880.00	\$0.00	
	117444	TEC	Swap NG	4/1/2018	5/1/2018			\$2,9380	\$7,140.00	\$7,140.00	\$0.00	\$0.00	\$0.00	\$7,140.00	\$0.00	\$0.00	\$0.00	
		TEC	Swap NG						\$145,440.00	\$116,180.00	\$0.00	\$29,250.00	\$0.00	\$116,180.00	\$0.00	\$29,250.00	\$0.00	
		TEC	Swap NG						\$9,275.00	\$87,975.00	(\$88,700.00)	\$0.00	\$0.00	\$1,275.00	\$8,000.00	\$0.00	\$0.00	
	114858	TEC	Swap NG	1/1/2018	2/1/2018			\$3,2950	(\$13,200.00)	\$0.00	(\$13,200.00)	\$0.00	\$0.00	\$0.00	(\$13,200.00)	\$0.00	\$0.00	
		TEC	Swap NG	2/1/2018	3/1/2018			\$3,2990	(\$17,120.00)	\$0.00	(\$17,120.00)	\$0.00	\$0.00	\$0.00	(\$17,120.00)	\$0.00	\$0.00	
Total									\$397,085.00	\$635,795.00	(\$282,840.00)	\$44,130.00	\$0.00	\$415,700.00	(\$62,745.00)	\$44,130.00	\$0.00	
											\$352,955.00				\$352,955.00			
																	\$44,130.00	
																		\$397,085.00

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Tampa Electric Company  
 Hedging Activities  
 08/01/2017 - 07/31/2018  
 Docket No. 20180001-EI ACN 2018-058-2-2  
 Subject: CL 08/18 IT

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SOURCE







REDACTED

Copy of Unrealized Dec 2017 TEC Swaps by CP.xlsx

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Group Desc	Trade	Company	Trade Type	Begin Time	End Time	Quantity	Price	Market Price	MTM Value	Current Asset	Current Liability	LT Asset	LT Liability	Net Current Asset	Net Current Liability	Net LT Asset	Net LT Liability
12/1/2017 12:00:00 AM		TEC	Swap NG						(\$178,975.00)	\$207,185.00	(\$398,160.00)	\$0.00	\$0.00	\$71,095.00	(\$250,070.00)	\$0.00	\$0.00
	113990	TEC	Swap NG	12/1/2017	1/1/2018			\$3.0740	(\$1,500.00)	\$0.00	(\$30,000.00)	\$0.00	\$0.00	\$28,500.00	(\$30,000.00)	\$0.00	\$0.00
	113850	TEC	Swap NG	12/1/2017	1/1/2018			\$3.0740	(\$30,000.00)	\$0.00	(\$30,000.00)	\$0.00	\$0.00	\$0.00	(\$30,000.00)	\$0.00	\$0.00
	109859	TEC	Swap NG	12/1/2017	1/1/2018			\$3.0740	\$28,500.00	\$28,500.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$30,000.00)	\$0.00	\$0.00
	109859	TEC	Swap NG	12/1/2017	1/1/2018			\$3.0740	\$28,500.00	\$28,500.00	\$0.00	\$0.00	\$0.00	\$28,500.00	\$0.00	\$0.00	\$0.00
		TEC	Swap NG						(\$178,975.00)	\$207,185.00	(\$398,160.00)	\$0.00	\$0.00	\$71,095.00	(\$250,070.00)	\$0.00	\$0.00
		TEC	Swap NG						(\$13,110.00)	\$28,160.00	(\$41,270.00)	\$0.00	\$0.00	\$0.00	(\$13,110.00)	\$0.00	\$0.00
	117444	TEC	Swap NG	4/1/2018	5/1/2018			\$2.9870	\$7,530.00	\$41,280.00	(\$33,750.00)	\$0.00	\$0.00	\$7,530.00	\$0.00	\$0.00	\$0.00
		TEC	Swap NG						(\$5,100.00)	\$0.00	(\$5,100.00)	\$0.00	\$0.00	\$0.00	(\$5,100.00)	\$0.00	\$0.00
		TEC	Swap NG						\$30,570.00	\$85,570.00	(\$55,000.00)	\$0.00	\$0.00	\$30,570.00	\$0.00	\$0.00	\$0.00
	114658	TEC	Swap NG	1/1/2018	2/1/2018			\$3.0250	\$4,485.00	\$23,675.00	(\$19,190.00)	\$0.00	\$0.00	\$4,485.00	\$0.00	\$0.00	\$0.00
		TEC	Swap NG	2/1/2018	3/1/2018			\$3.0320	(\$72,800.00)	\$0.00	(\$72,800.00)	\$0.00	\$0.00	\$0.00	(\$72,800.00)	\$0.00	\$0.00
Total									(\$129,280.00)	\$0.00	(\$129,280.00)	\$0.00	\$0.00	\$0.00	(\$129,280.00)	\$0.00	\$0.00
									(\$178,975.00)	\$207,185.00	(\$398,160.00)	\$0.00	\$0.00	\$71,095.00	(\$250,070.00)	\$0.00	\$0.00
											(\$178,975.00)			(\$178,975.00)			(\$178,975.00)

12.4

Tampa Electric Company  
 Hedging Activities  
 08/01/2017 - 07/31/2018  
 Docket No. 20180001-EI ACN 2018-058-2-2  
 Subject: *CL* *OP/P* *IT*

CONFIDENTIAL

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SOURCE

REDACTED

Copy of Unrealized Jan 2018 TEC Swaps by CP.xlsx

Group/Sec	Trade	Company	Trade Type	Reg. Type	Begin Time	End Time	Quantity	Price	Market Price	MTM Value	Current Asset	Current Liability	LT Asset	LT Liability	Net Current Asset	Net Current Liability	Net LT Asset	Net LT Liability
1/1/2018 12:00:00 AM		TEC	Swap NG							(\$933,935.00)	\$0.00	(\$933,935.00)	\$0.00	\$0.00	\$0.00	(\$933,935.00)	\$0.00	\$0.00
		TEC	Swap NG		1/1/2018	2/1/2018			\$2.7380	(\$288,000.00)	\$0.00	(\$288,000.00)	\$0.00	\$0.00	\$0.00	(\$288,000.00)	\$0.00	\$0.00
	109660	TEC	Swap NG		1/1/2018	2/1/2018			\$2.7380	(\$72,680.00)	\$0.00	(\$72,680.00)	\$0.00	\$0.00	\$0.00	(\$72,680.00)	\$0.00	\$0.00
	118011	TEC	Swap NG		1/1/2018	2/1/2018			\$2.7380	(\$59,580.00)	\$0.00	(\$59,580.00)	\$0.00	\$0.00	\$0.00	(\$59,580.00)	\$0.00	\$0.00
	114656	TEC	Swap NG		1/1/2018	2/1/2018			\$2.7380	(\$135,740.00)	\$0.00	(\$135,740.00)	\$0.00	\$0.00	\$0.00	(\$135,740.00)	\$0.00	\$0.00
		TEC	Swap NG							(\$127,240.00)	\$0.00	(\$127,240.00)	\$0.00	\$0.00	\$0.00	(\$127,240.00)	\$0.00	\$0.00
		TEC	Swap NG							(\$78,780.00)	\$0.00	(\$78,780.00)	\$0.00	\$0.00	\$0.00	(\$78,780.00)	\$0.00	\$0.00
	117444	TEC	Swap NG		4/1/2018	5/1/2018			\$2.7400	(\$25,160.00)	\$0.00	(\$25,160.00)	\$0.00	\$0.00	\$0.00	(\$25,160.00)	\$0.00	\$0.00
		TEC	Swap NG							(\$166,580.00)	\$0.00	(\$166,580.00)	\$0.00	\$0.00	\$0.00	(\$166,580.00)	\$0.00	\$0.00
		TEC	Swap NG							(\$108,735.00)	\$0.00	(\$108,735.00)	\$0.00	\$0.00	\$0.00	(\$108,735.00)	\$0.00	\$0.00
		TEC	Swap NG		2/1/2018	3/1/2018			\$2.9530	(\$162,440.00)	\$0.00	(\$162,440.00)	\$0.00	\$0.00	\$0.00	(\$162,440.00)	\$0.00	\$0.00
Total										(\$933,935.00)	\$0.00	(\$933,935.00)	\$0.00	\$0.00	\$0.00	(\$933,935.00)	\$0.00	\$0.00

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12.5

Tampa Electric Company  
 Hedging Activities  
 08/01/2017 - 07/31/2018  
 Docket No. 20180001-EI ACN 2018-058-2-2  
 Subject: *LN*  
*GL 08/18/17*

CONFIDENTIAL

SOURCE



Compass	Trade	Company	Trade Type	Begin Time	End Time	Quantity	Price	Market Price	Market Value	Current Fair	Current Liability	LT Asset	LT Liability	Net Current Asset	Net Current Liability	Net LT Asset	Net LT Liability
2/1/2018 12:00:00 AM	TEC	TEC	Swap NG														
	111158	TEC	Swap NG	2/1/2018	3/1/2018			\$3,831.00	\$310,180.00	\$310,180.00	(\$118,820.00)	\$0.00	\$0.00	\$341,775.00	(\$0,290.00)	\$0.00	\$0.00
	111161	TEC	Swap NG	2/1/2018	3/1/2018			\$3,831.00	\$121,200.00	\$121,200.00	\$0.00	\$0.00	\$0.00	\$121,200.00	\$0.00	\$0.00	\$0.00
		TEC	Swap NG	2/1/2018	3/1/2018			\$3,831.00	\$68,880.00	\$68,880.00	\$0.00	\$0.00	\$0.00	\$68,880.00	\$0.00	\$0.00	\$0.00
		TEC	Swap NG	2/1/2018	3/1/2018			\$3,831.00	\$122,320.00	\$122,320.00	\$0.00	\$0.00	\$0.00	\$122,320.00	\$0.00	\$0.00	\$0.00
		TEC	Swap NG	2/1/2018	3/1/2018				(\$12,880.00)	\$24,120.00	(\$38,600.00)	\$0.00	\$0.00	(\$12,880.00)	\$0.00	\$0.00	\$0.00
	117444	TEC	Swap NG	4/1/2018	5/1/2018			\$2,880.00	\$32,340.00	\$32,340.00	\$0.00	\$0.00	\$0.00	\$32,340.00	\$0.00	\$0.00	\$0.00
		TEC	Swap NG					\$16,870.00	\$71,870.00	\$71,870.00	(\$6,290.00)	\$0.00	\$0.00	\$16,870.00	(\$6,290.00)	\$0.00	\$0.00
		TEC	Swap NG					(\$3,935.00)	\$15,805.00	\$15,805.00	(\$18,740.00)	\$0.00	\$0.00	(\$3,935.00)	\$0.00	\$0.00	\$0.00
		TEC	Swap NG					\$335,485.00	\$464,915.00	\$464,915.00	(\$118,820.00)	\$0.00	\$0.00	\$341,775.00	(\$8,290.00)	\$0.00	\$0.00
											\$335,485.00	\$0.00	\$0.00		\$335,485.00	\$0.00	\$0.00

Tampa Electric Company  
 Hedging Activities  
 08/01/2017 - 07/31/2018  
 Docket No. 20180001-EI ACN 2018-058-2-2  
 Subject: *GL 08/18 LT*

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CONFIDENTIAL

SOURCE

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REDACTED

Copy of Unrealized Mar 2018 TEC Swaps by CP.xlsx

44.7 2.23

Group/Seg	Trade	Company	Trade Type	Reg Time	End Time	Quantity	Price	Market Price	MTM Value	Current Asset	Current Liability	LT Asset	LT Liability	Net Current Asset	Net Current Liability	Net LT Asset	Net LT Liability
3/1/2018 12:00:00 AM	Realized	TEC	Swap NG						(\$796,075.00)	\$0.00	(\$796,075.00)	\$0.00	\$0.00	\$0.00	(\$796,075.00)	\$0.00	\$0.00
		112000	TEC	Swap NG	3/1/2018	4/1/2018		\$2.8390	(\$314,780.00)	\$0.00	(\$314,780.00)	\$0.00	\$0.00	\$0.00	(\$314,780.00)	\$0.00	\$0.00
		116691	TEC	Swap NG	3/1/2018	4/1/2018		\$2.8380	(\$100,200.00)	\$0.00	(\$100,200.00)	\$0.00	\$0.00	\$0.00	(\$100,200.00)	\$0.00	\$0.00
		112002	TEC	Swap NG	3/1/2018	4/1/2018		\$2.8390	(\$146,000.00)	\$0.00	(\$146,000.00)	\$0.00	\$0.00	\$0.00	(\$146,000.00)	\$0.00	\$0.00
			TEC	Swap NG					(\$89,880.00)	\$0.00	(\$89,880.00)	\$0.00	\$0.00	\$0.00	(\$89,880.00)	\$0.00	\$0.00
			TEC	Swap NG					(\$101,840.00)	\$0.00	(\$101,840.00)	\$0.00	\$0.00	\$0.00	(\$101,840.00)	\$0.00	\$0.00
		117444	TEC	Swap NG	4/1/2018	5/1/2018		\$2.6670	(\$30,100.00)	\$0.00	(\$30,100.00)	\$0.00	\$0.00	\$0.00	(\$30,100.00)	\$0.00	\$0.00
			TEC	Swap NG					(\$143,160.00)	\$0.00	(\$143,160.00)	\$0.00	\$0.00	\$0.00	(\$143,160.00)	\$0.00	\$0.00
			TEC	Swap NG					(\$97,175.00)	\$0.00	(\$97,175.00)	\$0.00	\$0.00	\$0.00	(\$97,175.00)	\$0.00	\$0.00
Total									(\$796,075.00)	\$0.00	(\$796,075.00)	\$0.00	\$0.00	\$0.00	(\$796,075.00)	\$0.00	\$0.00

12.7

Tampa Electric Company  
 Hedging Activities  
 08/01/2017 - 07/31/2018  
 Docket No. 20180001-ELACN 2018-058-2-2  
 Subject: CL 08/18 IT

LN

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SOURCE \_\_\_\_\_

Tampa Electric Company  
 Hedging Activities  
 08/01/2017 - 07/31/2018  
 Docket No. 20180001-EI ACN 2018-058-2-2  
 Subject: *GL 08/18 IT*

CONFIDENTIAL

Group/Date	Trade	Company	Trade Type	Begin Time	End Time	Quantity	Price	Market Price	MTM Value	Current Asset	Current Liability	LT Asset	LT Liability	Net Current Asset	Net Current Liability	Net LT Asset	Net LT Liability
4/1/2018 12:00:00 AM	TEC	TEC	Swap NG														
	117440	TEC	Swap NG	4/1/2018	5/1/2018		\$2,691.0	\$2,691.0	(\$302,085.00)	\$0.00	(\$302,085.00)	\$0.00	\$0.00	\$0.00	(\$302,085.00)	\$0.00	\$0.00
	117444	TEC	Swap NG	4/1/2018	5/1/2018		\$2,691.0	\$2,691.0	(\$1,000,000.00)	\$0.00	(\$1,000,000.00)	\$0.00	\$0.00	\$0.00	(\$1,000,000.00)	\$0.00	\$0.00
	112008	TEC	Swap NG	4/1/2018	5/1/2018		\$2,691.0	\$2,691.0	(\$35,020.00)	\$0.00	(\$35,020.00)	\$0.00	\$0.00	\$0.00	(\$35,020.00)	\$0.00	\$0.00
	112003	TEC	Swap NG	4/1/2018	5/1/2018		\$2,691.0	\$2,691.0	(\$28,400.00)	\$0.00	(\$28,400.00)	\$0.00	\$0.00	\$0.00	(\$28,400.00)	\$0.00	\$0.00
		TEC	Swap NG						(\$33,000.00)	\$0.00	(\$33,000.00)	\$0.00	\$0.00	\$0.00	(\$33,000.00)	\$0.00	\$0.00
		TEC	Swap NG						(\$49,040.00)	\$0.00	(\$49,040.00)	\$0.00	\$0.00	\$0.00	(\$49,040.00)	\$0.00	\$0.00
		TEC	Swap NG						(\$53,110.00)	\$0.00	(\$53,110.00)	\$0.00	\$0.00	\$0.00	(\$53,110.00)	\$0.00	\$0.00
		TEC	Swap NG						(\$40,960.00)	\$0.00	(\$40,960.00)	\$0.00	\$0.00	\$0.00	(\$40,960.00)	\$0.00	\$0.00
		TEC	Swap NG						(\$302,085.00)	\$0.00	(\$302,085.00)	\$0.00	\$0.00	\$0.00	(\$302,085.00)	\$0.00	\$0.00
									(\$33,000.00)	\$0.00	(\$33,000.00)	\$0.00	\$0.00	\$0.00	(\$33,000.00)	\$0.00	\$0.00
									(\$49,040.00)	\$0.00	(\$49,040.00)	\$0.00	\$0.00	\$0.00	(\$49,040.00)	\$0.00	\$0.00
									(\$53,110.00)	\$0.00	(\$53,110.00)	\$0.00	\$0.00	\$0.00	(\$53,110.00)	\$0.00	\$0.00
									(\$40,960.00)	\$0.00	(\$40,960.00)	\$0.00	\$0.00	\$0.00	(\$40,960.00)	\$0.00	\$0.00
									(\$302,085.00)	\$0.00	(\$302,085.00)	\$0.00	\$0.00	\$0.00	(\$302,085.00)	\$0.00	\$0.00
									(\$33,000.00)	\$0.00	(\$33,000.00)	\$0.00	\$0.00	\$0.00	(\$33,000.00)	\$0.00	\$0.00
									(\$49,040.00)	\$0.00	(\$49,040.00)	\$0.00	\$0.00	\$0.00	(\$49,040.00)	\$0.00	\$0.00
									(\$53,110.00)	\$0.00	(\$53,110.00)	\$0.00	\$0.00	\$0.00	(\$53,110.00)	\$0.00	\$0.00
									(\$40,960.00)	\$0.00	(\$40,960.00)	\$0.00	\$0.00	\$0.00	(\$40,960.00)	\$0.00	\$0.00
									(\$302,085.00)	\$0.00	(\$302,085.00)	\$0.00	\$0.00	\$0.00	(\$302,085.00)	\$0.00	\$0.00
									(\$33,000.00)	\$0.00	(\$33,000.00)	\$0.00	\$0.00	\$0.00	(\$33,000.00)	\$0.00	\$0.00
									(\$49,040.00)	\$0.00	(\$49,040.00)	\$0.00	\$0.00	\$0.00	(\$49,040.00)	\$0.00	\$0.00
									(\$53,110.00)	\$0.00	(\$53,110.00)	\$0.00	\$0.00	\$0.00	(\$53,110.00)	\$0.00	\$0.00
									(\$40,960.00)	\$0.00	(\$40,960.00)	\$0.00	\$0.00	\$0.00	(\$40,960.00)	\$0.00	\$0.00
									(\$302,085.00)	\$0.00	(\$302,085.00)	\$0.00	\$0.00	\$0.00	(\$302,085.00)	\$0.00	\$0.00

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SOURCE

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Unrealized May 2018 TEC Swaps by CP.xlsx

Worksheet	Trade	Company	Trade Type	Buy Time	End Time	Quantity	Price	Market Price	MTM Value	Current Asset	Current Liability	LT Asset	LT Liability	Net Current Asset	Net Current Liability	Net LT Asset	Net LT Liability
6/7/2018 12:00:00 AM	TEC	TEC	Swap NG	5/1/2018	6/1/2018			\$2,821.00	(\$191,150.00)	\$15,950.00	(\$208,710.00)	\$0.00	\$0.00	\$0.00	(\$191,150.00)	\$0.00	\$0.00
6/7/2018	TEC	TEC	Swap NG	5/1/2018	6/1/2018			\$2,821.00	\$15,950.00	\$15,950.00	(\$200.00)	\$0.00	\$0.00	\$0.00	(\$15,950.00)	\$0.00	\$0.00
6/7/2018	TEC	TEC	Swap NG	5/1/2018	6/1/2018			\$2,821.00	\$7,900.00	\$7,900.00	(\$200.00)	\$0.00	\$0.00	\$0.00	(\$7,900.00)	\$0.00	\$0.00
6/7/2018	TEC	TEC	Swap NG	5/1/2018	6/1/2018			\$2,821.00	\$7,400.00	\$7,400.00	(\$200.00)	\$0.00	\$0.00	\$0.00	(\$7,400.00)	\$0.00	\$0.00
11/4/2018	TEC	TEC	Swap NG	7/1/2018	8/1/2018			\$2.80	(\$19,200.00)	\$0.00	(\$19,200.00)	\$0.00	\$0.00	\$0.00	(\$19,200.00)	\$0.00	\$0.00
11/4/2018	TEC	TEC	Swap NG	7/1/2018	8/1/2018				(\$81,500.00)	\$0.00	(\$81,500.00)	\$0.00	\$0.00	\$0.00	(\$81,500.00)	\$0.00	\$0.00
11/4/2018	TEC	TEC	Swap NG	7/1/2018	8/1/2018				(\$44,880.00)	\$0.00	(\$44,880.00)	\$0.00	\$0.00	\$0.00	(\$44,880.00)	\$0.00	\$0.00
11/4/2018	TEC	TEC	Swap NG	7/1/2018	8/1/2018				(\$90,920.00)	\$0.00	(\$90,920.00)	\$0.00	\$0.00	\$0.00	(\$90,920.00)	\$0.00	\$0.00
11/4/2018	TEC	TEC	Swap NG	7/1/2018	8/1/2018				(\$191,150.00)	\$15,950.00	(\$208,710.00)	\$0.00	\$0.00	\$0.00	(\$191,150.00)	\$0.00	\$0.00
Total									(\$191,150.00)	\$15,950.00	(\$208,710.00)	\$0.00	\$0.00	\$0.00	(\$191,150.00)	\$0.00	\$0.00

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Tampa Electric Company  
Hedging Activities  
08/01/2017 - 07/31/2018  
Docket No. 20180001-EI ACN 2018-058-2-2  
Subject: *C L 08/18 IT*

SOURCE

12.9



Group/Item	Trade	Contract	Trade Type	Orig Date	End Date	Quantity	Market Price	MTM Value	Current Asset	Current Liability	LT Asset	LT Liability	Net Current Asset	Net Current Liability	Net LT Asset	Net LT Liability
01/2018 12:00:00 AM	TEC	113086	Swap NG	6/1/2018	7/1/2018		\$2,875.00	\$11,200.00	\$11,200.00	\$0.00	\$0.00	\$0.00	\$14,480.00	\$0.00	\$0.00	\$0.00
	TEC	113087	Swap NG	6/1/2018	7/1/2018		\$2,875.00	\$4,580.00	\$4,580.00	\$0.00	\$0.00	\$0.00	\$4,580.00	\$0.00	\$0.00	\$0.00
	TEC	113088	Swap NG	6/1/2018	7/1/2018		\$2,875.00	\$4,580.00	\$4,580.00	\$0.00	\$0.00	\$0.00	\$4,580.00	\$0.00	\$0.00	\$0.00
	TEC	114856	Swap NG	7/1/2018	8/1/2018		\$2,875.00	\$20,620.00	\$20,620.00	\$0.00	\$0.00	\$0.00	\$20,620.00	\$0.00	\$0.00	\$0.00
TOTAL								\$148,480.00	\$148,480.00	\$0.00	\$0.00	\$0.00	\$148,480.00	\$0.00	\$0.00	\$0.00

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Tampa Electric Company  
 Hedging Activities LN  
 08/01/2017 - 07/31/2018  
 Docket No. 20180001-EI ACN 2018-058-2-2  
 Subject: AL 08/10 IT

SOURCE \_\_\_\_\_

12.10

Unrealized July 2018 TEC Swaps by CP.xlsx

Group/No	Trade	Company	Trade Type	Begin Time	End Time	Quantity	Price	Market Price	MTM Value	Current Asset	Current Liability	LT Asset	LT Liability	Net Current Asset	Net Current Liability	Net LT Asset	Net LT Liability	
7/12/2018 12:00:00 AM																		
	TEC	TEC	Swap NG	7/12/2018	8/12/2018		\$2,800.00	\$108,150.00	\$111,270.00	\$111,270.00	(\$3,120.00)	\$0.00	\$0.00	\$108,150.00	\$0.00	\$0.00	\$0.00	
	TEC	TEC	Swap NG	7/12/2018	8/12/2018		\$2,800.00	\$45,440.00	\$45,440.00	\$45,440.00	\$0.00	\$0.00	\$0.00	\$45,440.00	\$0.00	\$0.00	\$0.00	
	TEC	TEC	Swap NG	7/12/2018	8/12/2018		\$2,800.00	\$20,000.00	\$20,000.00	\$20,000.00	\$0.00	\$0.00	\$0.00	\$20,000.00	\$0.00	\$0.00	\$0.00	
	TEC	TEC	Swap NG	7/12/2018	8/12/2018		\$2,800.00	\$25,440.00	\$25,440.00	\$25,440.00	\$0.00	\$0.00	\$0.00	\$25,440.00	\$0.00	\$0.00	\$0.00	
	TEC	TEC	Swap NG	7/12/2018	8/12/2018		\$2,800.00	\$27,280.00	\$27,280.00	\$27,280.00	(\$1,120.00)	\$0.00	\$0.00	\$27,280.00	\$0.00	\$0.00	\$0.00	
	TEC	TEC	Swap NG	7/12/2018	8/12/2018		\$5,310.00	\$30,120.00	\$30,120.00	\$30,120.00	\$0.00	\$0.00	\$0.00	\$30,120.00	\$0.00	\$0.00	\$0.00	
	TEC	TEC	Swap NG	7/12/2018	8/12/2018		\$108,150.00	\$5,310.00	\$7,310.00	\$7,310.00	(\$2,000.00)	\$0.00	\$0.00	\$0.00	\$5,310.00	\$0.00	\$0.00	\$0.00
	TEC	TEC	Swap NG	7/12/2018	8/12/2018			\$108,150.00	\$111,270.00	\$111,270.00	(\$3,120.00)	\$0.00	\$0.00	\$108,150.00	\$0.00	\$0.00	\$0.00	
	Total																	

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CONFIDENTIAL

Tampa Electric Company  
 Hedging Activities  
 08/01/2017 - 07/31/2018  
 Docket No. 20180001-EI ACN 2018-058-2-2  
 Subject: *GL 08/18 IT*

LN

SOURCE

12-11

TAMPA ELECTRIC CO.  
SWAPS - DERIVATIVE NATURAL GAS INVOICES

Aug-17 Production Month <Sales>Purchase  
7/27/2017 Nymex Settlement Date  
Total Cash Flow Derivatives

44

Name	ALLEGRO Invoice No.:	Counterparty Invoice No.:	Invoice Due Date	TAMPA ELECTRIC		PEOPLES GAS		TOTAL	
				Cntrt	Amount	Cntrt	Amount	Cntrt	Amount
			08/03/17		\$40,950.00				
			08/03/17		(\$113,700.00)		\$3,450.00		\$44,400.00
			08/03/17		(\$110,400.00)		\$1,300.00		(\$113,700.00)
			08/03/17		\$20,700.00				(\$109,100.00)
			08/03/17		\$14,500.00		\$14,500.00		\$20,700.00
			08/03/17		\$42,900.00				\$29,000.00
			TOTAL		(\$105,050.00)		\$19,250.00		\$42,900.00
					\$0.00				(\$85,800.00)
			ASSETS		(\$224,100.00)		\$0.00		(\$222,800.00) Subtotal Receivables
			LIABILITIES		\$119,050.00		\$19,250.00		\$137,000.00 Subtotal Payables
					\$0.00		\$0.00		(\$85,800.00) TOTAL REALIZED DERIVATIVES
									\$0.00

FROM		CHECK TOTALS					
ALLEGRO POSITION SUMMARY REPORTS			(\$105,050.00)		\$19,250.00		(\$85,800.00)
CK TOTAL	0.0	\$0.00	0.0	\$0.00	0.0	\$0.00	

Tampa Electric Company  
Hedging Activities  
08/01/2017 - 07/31/2018  
Docket No. 20180001-EI ACN 2018-058-2-2  
Subject: *month de mly* *6/8/18* *IT*

CONFIDENTIAL

*(PL)*

SOURCE

REDACTED



TAMPA ELECTRIC CO.  
SWAPS - DERIVATIVE NATURAL GAS INVOICES

Sep-17 Production Month <Sales>Purchase  
8/29/2017 Nymex Settlement Date

44.1

Name	ALLEGRO Invoice No.:	Counterparty Invoice No.:	Invoice Due Date	TAMPA ELECTRIC		PEOPLES GAS		TOTAL	
				Cntrt	Amount	Cntrt	Amount	Cntrt	Amount
			09/06/17		(\$71,250.00)		\$450.00		(\$70,800.00)
			09/06/17		\$13,500.00				\$13,500.00
			09/06/17		\$45,250.00		\$4,750.00		\$50,000.00
			TOTAL		(\$12,500.00)		\$5,200.00		(\$7,300.00)
			ASSETS		(\$71,250.00)		\$0.00		(\$70,800.00) Subtotal Receivables
			LIABILITIES		\$58,750.00		\$5,200.00		\$63,500.00 Subtotal Payables
					\$0.00		\$0.00		(\$7,300.00) TOTAL REALIZED DERIVATIVES
									\$0.00

CONFIDENTIAL

CHECK TOTALS						
FROM						
ALLEGRO POSITION SUMMARY REPORTS		(\$12,500.00)		\$5,200.00		(\$7,300.00)
CX TOTAL	0.0	\$0.00	0.0	\$0.00	0.0	\$0.00

REDACTED

Tampa Electric Company  
Hedging Activities  
08/01/2017 - 07/31/2018  
Docket No. 20180001-EI ACN 2018-058-2-2  
Subject: *Month Details 08/18*

SOURCE \_\_\_\_\_

TAMPA ELECTRIC CO.  
SWAPS - DERIVATIVE NATURAL GAS INVOICES

44.2

Oct-17 Production Month <Sales>Purchase  
9/27/2017 Nymex Settlement Date

Total Cash Flow Derivatives

ALLEGRO	Counterparty	Invoice	TAMPA ELECTRIC	PEOPLES GAS	TOTAL
		10/04/17	\$16,300.00		\$16,300.00
		10/04/17	(\$26,850.00)	\$4,650.00	(\$22,200.00)
		10/04/17	\$33,700.00	(\$2,000.00)	\$31,700.00
		TOTAL	\$23,150.00	\$2,650.00	\$25,800.00
		ASSETS	(\$26,850.00)	(\$2,000.00)	(\$22,200.00) Subtotal Receivables
		LIABILITIES	\$50,000.00	\$4,650.00	\$48,000.00 Subtotal Payables
			\$0.00	\$0.00	\$25,800.00 TOTAL REALIZED DERIVATIVES
					\$0.00

CHECK TOTALS					
FROM					
ALLEGRO POSITION SUMMARY REPORTS		\$23,150.00		\$2,650.00	\$25,800.00
CK TOTAL	0.0	\$0.00	0.0	\$0.00	0.0

CONFIDENTIAL

REDACTED

Tampa Electric Company LN  
Hedging Activities  
08/01/2017 - 07/31/2018  
Docket No. 20180001-EI ACN 2018-058-2-2  
Subject: *Month Details*

(PLN)

SOURCE

Nov-17  
10/27/2017

Production Month  
Nymex Settlement Date  
Total Cash Flow Derivatives  
<Sales>Purchase

44.21

Name	ALLEGRO		Counterparty Invoice No.:	Invoice Due Date	TAMPA ELECTRIC		PEOPLES GAS		TOTAL	
	Invoice No.:				Cntrt	Amount	Cntrt	Amount	Cntrt	Amount
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	11/03/17	[REDACTED]	\$149,280.00	[REDACTED]	\$52,720.00	[REDACTED]	\$202,000.00
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	11/03/17	[REDACTED]	\$17,700.00	[REDACTED]	\$5,900.00	[REDACTED]	\$23,600.00
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	11/03/17	[REDACTED]	\$3,800.00	[REDACTED]		[REDACTED]	\$3,800.00
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	11/03/17	[REDACTED]	\$163,200.00	[REDACTED]	\$0.00	[REDACTED]	\$163,200.00
				TOTAL		<u>\$333,980.00</u>		<u>\$58,620.00</u>		<u>\$392,600.00</u>
				ASSETS		\$0.00		\$0.00		\$0.00
				LIABILITIES		\$333,980.00		\$58,620.00		\$392,600.00
						\$0.00		\$0.00		\$0.00
										\$0.00
										\$0.00
										\$0.00
										\$0.00

CONFIDENTIAL

FROM		CHECK TOTALS				
ALLEGRO POSITION SUMMARY REPORTS	[REDACTED]	\$333,980.00	[REDACTED]	\$58,620.00	[REDACTED]	\$392,600.00
CK TOTAL	0.0	\$0.00	0.0	\$0.00	0.0	\$0.00

REDACTED

Tampa Electric Company  
Hedging Activities  
08/01/2017 - 07/31/2018  
Docket No. 20180001-EI ACN 2018-058-2-2  
Subject: *Miguel Delgado* 28.1



SOURCE



TAMPA ELECTRIC CO.  
 SWAPS - DERIVATIVE NATURAL GAS INVOICES

44.4

Dec-17 Production Month <Sales>Purchase  
 11/28/2017 Nymex Settlement Date

Total Cash Flow Derivatives

Name	ALLEGRO Invoice No.:	Counterparty Invoice No.:	Invoice Due Date	TAMPA ELECTRIC		PEOPLES GAS		TOTAL	
				Cntrt	Amount	Cntrt	Amount	Cntrt	Amount
			12/05/17		\$30,000.00		\$6,000.00		\$36,000.00
			12/05/17		(\$28,500.00)		(\$5,700.00)		(\$34,200.00)
			TOTAL		\$1,500.00		\$300.00		\$1,800.00
			ASSETS		(\$28,500.00)		(\$5,700.00)		(\$34,200.00) Subtotal Receivables
			LIABILITIES		\$30,000.00		\$6,000.00		\$36,000.00 Subtotal Payables
					\$0.00		\$0.00		\$1,800.00 TOTAL REALIZED DERIVATIVES
									\$0.00

12.4

CHECK TOTALS						
FROM						
ALLEGRO POSITION SUMMARY REPORTS		\$1,500.00		\$300.00		\$1,800.00
CK TOTAL	0.0	\$0.00	0.0	\$0.00	0.0	\$0.00

CONFIDENTIAL

REDACTED

Tampa Electric Company  
 Hedging Activities  
 08/01/2017 - 07/31/2018  
 Docket No. 20180001-EI ACN 2018-058-2-2  
 Subject: *Month Deliv 08/01 17*

SOURCE \_\_\_\_\_

44.5

TAMPA ELECTRIC CO.  
SWAPS - DERIVATIVE NATURAL GAS INVOICES

Jan-18 Production Month <Sales>Purchase  
12/27/2017 Nymex Settlement Date

Total Cash Flow Derivatives

Name	ALLEGRO Invoice No.:	Counterparty Invoice No.:	Invoice Due Date	TAMPA ELECTRIC		PEOPLES GAS		TOTAL	
				Cntrt	Amount	Cntrt	Amount	Cntrt	Amount
			01/04/18		\$72,680.00		\$22,120.00		\$94,800.00
			01/04/18		\$59,580.00		\$6,620.00		\$66,200.00
			01/04/18		\$135,740.00		\$49,360.00		\$185,100.00
			TOTAL		\$268,000.00		\$78,100.00		\$346,100.00
			ASSETS		\$0.00		\$0.00		\$0.00
			LIABILITIES		\$268,000.00		\$78,100.00		\$346,100.00
					\$0.00		\$0.00		\$0.00
									\$0.00 Subtotal Receivables
									\$346,100.00 Subtotal Payables
									\$346,100.00 TOTAL REALIZED DERIVATIVES
									\$0.00

12.5

CHECK TOTALS						
FROM						
ALLEGRO POSITION SUMMARY REPORTS		\$268,000.00		\$78,100.00		\$346,100.00
CK TOTAL	0.0	\$0.00	0.0	\$0.00	0.0	\$0.00

CONFIDENTIAL

REDACTED

Tampa Electric Company  
Hedging Activities  
08/01/2017 - 07/31/2018  
Docket No. 20180001-EI ACN 2018-058-2-2  
Subject: *Month Details 08/18*  
*I.F.*



SOURCE

TAMPA ELECTRIC CO.  
SWAPS - DERIVATIVE NATURAL GAS INVOICES

44.6

Feb-18 Production Month <Sales>Purchase  
1/29/2018 Nymex Settlement Date

**Total Cash Flow Derivatives**

Name	ALLEGRO Invoice No.:	Counterparty Invoice No.:	Invoice Due Date	TAMPA ELECTRIC		PEOPLES GAS		TOTAL	
				Cntrt	Amount	Cntrt	Amount	Cntrt	Amount
			02/05/18		(\$121,200.00)				(\$121,200.00)
			02/05/18		(\$66,660.00)		(\$54,540.00)		(\$121,200.00)
			02/05/18		(\$122,320.00)		(\$23,180.00)		(\$145,500.00)
									\$0.00
									\$0.00
			TOTAL		(\$310,180.00)		(\$77,720.00)		(\$387,900.00)
			ASSETS		(\$310,180.00)		(\$77,720.00)		(\$387,900.00) Subtotal Receivables
			LIABILITIES		\$0.00		\$0.00		\$0.00 Subtotal Payables
					\$0.00		\$0.00		(\$387,900.00) TOTAL REALIZED DERIVATIVES
									\$0.00

FROM		CHECK TOTALS					
ALLEGRO POSITION SUMMARY REPORTS		(\$310,180.00)		(\$77,720.00)		(\$387,900.00)	
CK TOTAL	0.0	\$0.00	0.0	\$0.00	0.0	\$0.00	

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REDACTED

Tampa Electric Company  
Hedging Activities  
08/01/2017 - 07/31/2018  
Docket No. 20180001-EI ACN 2018-058-2-2  
Subject: *Month Delivered 08/18*

SOURCE \_\_\_\_\_



TAMPA ELECTRIC CO.  
SWAPS - DERIVATIVE NATURAL GAS INVOICES

44.7

Mar-18 Production Month <Sales>Purchase

2/26/2018 Nymex Settlement Date

Total Cash Flow Derivatives

Name	ALLEGRO Invoice No.:	Counterparty Invoice No.:	Invoice Due Date	TAMPA ELECTRIC		PEOPLES GAS		TOTAL	
				Cntrt	Amount	Cntrt	Amount	Cntrt	Amount
			03/05/18		\$100,200.00				\$100,200.00
			03/05/18		\$145,000.00		\$29,000.00		\$174,000.00
			03/05/18		\$69,580.00		\$29,820.00		\$99,400.00
			TOTAL		\$314,780.00		\$58,820.00		\$373,600.00
			ASSETS		\$0.00		\$0.00		\$0.00
			LIABILITIES		\$314,780.00		\$58,820.00		\$373,600.00
					\$0.00		\$0.00		\$0.00
									\$0.00 Subtotal Receivables
									\$373,600.00 Subtotal Payables
									\$373,600.00 TOTAL REALIZED DERIVATIVES
									\$0.00

CHECK TOTALS						
FROM						
ALLEGRO POSITION SUMMARY REPORTS		\$314,780.00		\$58,820.00		\$373,600.00
CK TOTAL	0.0	\$0.00	0.0	\$0.00	0.0	\$0.00

REDACTED

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Tampa Electric Company  
Hedging Activities  
08/01/2017 - 07/31/2018  
Docket No. 20180001-EI ACN 2018-058-2-2  
Subject: *Month Delimb*



SOURCE

TAMPA ELECTRIC CO.  
SWAPS - DERIVATIVE NATURAL GAS INVOICES

44.8

Apr-18 Production Month <Sales>Purchase  
3/27/2018 Nymex Settlement Date

Total Cash Flow Derivatives

Name	ALLEGRO Invoice No.:	Counterparty Invoice No.:	Invoice Due Date	TAMPA ELECTRIC		PEOPLES GAS		TOTAL	
				Cntrt	Amount	Cntrt	Amount	Cntrt	Amount
			04/03/18		\$41,600.00				\$41,600.00
			04/03/18		\$35,020.00		\$6,180.00		\$41,200.00
			04/03/18		\$28,400.00				\$28,400.00
			04/03/18		\$20,925.00		\$6,975.00		\$27,900.00
			TOTAL		\$125,945.00		\$13,155.00		\$139,100.00
			ASSETS		\$0.00		\$0.00		\$0.00
			LIABILITIES		\$125,945.00		\$13,155.00		\$139,100.00
					\$0.00		\$0.00		\$0.00
								\$0.00	Subtotal Receivables
								\$139,100.00	Subtotal Payables
								\$139,100.00	TOTAL REALIZED DERIVATIVES
								\$0.00	

FROM	CHECK TOTALS					
ALLEGRO POSITION SUMMARY REPORTS		\$125,945.00		\$13,155.00		\$139,100.00
CK TOTAL	0.0	\$0.00	0.0	\$0.00	0.0	\$0.00

Tampa Electric Company  
Hedging Activities  
08/01/2017 - 07/31/2018  
Docket No. 20180001-EI ACN 2018-058-2-2  
Subject: Monthly Details 08/18

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SOURCE

TAMPA ELECTRIC CO.  
SWAPS - DERIVATIVE NATURAL GAS INVOICES

44.9

May-18 Production Month <Sales>Purchase  
4/26/2018 Nymex Settlement Date  
Total Cash Flow Derivatives

Name	ALLEGRO Invoice No.:	Counterparty Invoice No.:	Invoice Due Date	TAMPA ELECTRIC		PEOPLES GAS		TOTAL	
				Cntrt	Amount	Cntrt	Amount	Cntrt	Amount
			05/03/18		(\$7,960.00)		(\$2,040.00)		(\$10,000.00)
			05/03/18		(\$7,400.00)		\$0.00		(\$7,400.00)
			TOTAL		(\$15,360.00)		(\$2,040.00)		(\$17,400.00)
			ASSETS		(\$15,360.00)		(\$2,040.00)		(\$17,400.00) Subtotal Receivables
			LIABILITIES		\$0.00		\$0.00		\$0.00 Subtotal Payables
					\$0.00		\$0.00		(\$17,400.00) TOTAL REALIZED DERIVATIVES
									\$0.00

CHECK TOTALS						
FROM						
ALLEGRO POSITION SUMMARY REPORTS		(\$15,360.00)		(\$2,040.00)		(\$17,400.00)
CK TOTAL	0.0	\$0.00	0.0	\$0.00	0.0	\$0.00

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REDACTED

Tampa Electric Company  
Hedging Activities  
08/01/2017 - 07/31/2018  
Docket No. 20180001-EI ACN 2018-058-2-2  
Subject: *Month Details edid*

LN



SOURCE \_\_\_\_\_



TAMPA ELECTRIC CO.  
 SWAPS - DERIVATIVE NATURAL GAS INVOICES

44.10

Jun-18 Production Month <Sales>Purchase  
 5/29/2018 Nymex Settlement Date  
 Total Cash Flow Derivatives

Name	ALLEGRO Invoice No.:	Counterparty Invoice No.:	Invoice Due Date	TAMPA ELECTRIC		PEOPLES GAS		TOTAL	
				Cntrt	Amount	Cntrt	Amount	Cntrt	Amount
			06/05/18		\$600.00				\$600.00
					\$0.00		\$0.00		\$0.00
			TOTAL		\$600.00		\$0.00		\$600.00
			ASSETS		\$0.00		\$0.00		\$0.00 Subtotal Receivables
			LIABILITIES		\$600.00		\$0.00		\$600.00 Subtotal Payables
					\$0.00		\$0.00		\$600.00 TOTAL REALIZED DERIVATIVES
									\$0.00

CHECK TOTALS

FROM	CHECK TOTALS					
ALLEGRO POSITION SUMMARY REPORTS		\$600.00		\$0.00		\$600.00
CK TOTAL	0.0	\$0.00	0.0	\$0.00	0.0	\$0.00

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Tampa Electric Company  
 Hedging Activities  
 08/01/2017 - 07/31/2018  
 Docket No. 20180001-EI ACN 2018-058-2-2  
 Subject: *Month Delays*  
 LW



SOURCE

REDACTED

TAMPA ELECTRIC CO.  
SWAPS - DERIVATIVE NATURAL GAS INVOICES

44.11

Jul-18 Production Month <Sales>Purchase  
6/27/2018 Nymex Settlement Date  
Total Cash Flow Derivatives

Name	ALLEGRO Invoice No.:	Counterparty Invoice No.:	Invoice Due Date	TAMPA ELECTRIC		PEOPLES GAS		TOTAL	
				Cntrt	Amount	Cntrt	Amount	Cntrt	Amount
			07/05/18		(\$20,000.00)				(\$20,000.00)
			07/05/18		(\$25,440.00)		(\$6,360.00)		(\$31,800.00)
			TOTAL		(\$45,440.00)		(\$6,360.00)		(\$51,800.00)
			ASSETS		(\$45,440.00)		(\$6,360.00)		(\$51,800.00) Subtotal Receivables
			LIABILITIES		\$0.00		\$0.00		\$0.00 Subtotal Payables
					\$0.00		\$0.00		(\$51,800.00) TOTAL REALIZED DERIVATIVES
									\$0.00

CHECK TOTALS

FROM					
ALLEGRO POSITION SUMMARY REPORTS		(\$45,440.00)		(\$6,360.00)	(\$51,800.00)
CK TOTAL	0.0	\$0.00	0.0	\$0.00	\$0.00

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LN  
Tampa Electric Company  
Hedging Activities  
08/01/2017 - 07/31/2018  
Docket No. 20180001-EI ACN 2018-058-2-2  
Subject: Monthly Details 08/18/17

SOURCE

REDACTED

# REDACTED

Tampa Electric Company  
 Hedging Audit  
 Docket No. 20180001-EI  
 Period Ended July 31, 2018  
 Control No. 2018-058-2-2

Auditor: Intesar Terkawi  
 File Name: 2018AuditHedging Transactions

LX 17  
 08/10

Transaction Instrument	Transaction Number	Volume A	Contract Price B	Settlement Price C	Gain/loss on Hedging Transactions A*(C-B)
<b>October Transactions</b>					
Commodity Swap Transaction	109695	45	45.1	45	25,400.00
Commodity Swap Transaction	116643	45.1			(41,700.00)
Commodity Swap Transaction	106742	45.3			24,000.00
Commodity Swap Transaction	112007	45.3			17,100.00
Commodity Swap Transaction	117461	45.3			(18,900.00)
Commodity Swap Transaction	112735	45.5			10,000.00
Commodity Swap Transaction	116644	45.5			(41,700.00)
<b>November Transactions</b>					
Commodity Swap Transaction	866216	45.8			(39,400.00)
Commodity Swap Transaction	931191	45.8			(162,600.00)
Commodity Swap Transaction	106199	45.1			(23,600.00)
Commodity Swap Transaction	109695	45.12			(3,800.00)
Commodity Swap Transaction	118123	45.14			(163,200.00)

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SOURCE As Referenced

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**FOR AUDIT CONTROL NO.  
2018-058-2-2**

**PAGES 45-1 THROUGH 45-15**

**ALL INFORMATION  
IS REDACTED**



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Tampa Electric Company  
Hedging Activities  
08/01/2017 - 07/31/2018  
Docket No. 20180001-EI ACN 2018-058-2-2  
Subject: Comparison of 2017

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Tampa Electric  
Summary of Natural Gas Hedge Volumes Relative to Actual Consumption  
August, 2017 - July, 2018

56

Month-Year	Target Minimum	Target Maximum	% of Actual Consumption Hedged	Above Maximum? Below Minimum?	Explanation
Aug-17				Yes	Natural gas hedging suspended at end of 2016.
Sep-17				Yes	Natural gas hedging suspended at end of 2016.
Oct-17				Yes	Natural gas hedging suspended at end of 2016.
Nov-17				Yes	Natural gas hedging suspended at end of 2016.
Dec-17				Yes	Natural gas hedging suspended at end of 2016.
Jan-18				Yes	Natural gas hedging suspended at end of 2016.
Feb-18				Yes	Natural gas hedging suspended at end of 2016.
Mar-18				Yes	Natural gas hedging suspended at end of 2016.
Apr-18				Yes	Natural gas hedging suspended at end of 2016.
May-18				Yes	Natural gas hedging suspended at end of 2016.
Jun-18				Yes	Natural gas hedging suspended at end of 2016.
Jul-18				Yes	Natural gas hedging suspended at end of 2016.
12-Month Cumulative	60%	80%	9%	Yes	Cumulative hedge percentage is less than the desired hedge range due to suspension of hedging at end of 2016.

Note: % of Actual Consumption Hedged is estimated for May, June and July using projected consumption volumes from 2018 fuel clause projection filing.

SOURCE