

AUSLEY MCMULLEN

ATTORNEYS AND COUNSELORS AT LAW

123 SOUTH CALHOUN STREET
P.O. BOX 391 (ZIP 32302)
TALLAHASSEE, FLORIDA 32301
(850) 224-9115 FAX (850) 222-7560

June 18, 2018

VIA: ELECTRONIC FILING

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

Re: Petition for recovery of costs associated with named tropical systems during the 2015, 2016 and 2017 hurricane seasons and replenishment of storm reserve subject to final true-up, by Tampa Electric Company
FPSC Docket No. 20170271-EI

Dear Ms. Stauffer:

Attached for filing in the above docket is Tampa Electric Company's Notice of Service of Answers to Third Set of Interrogatories (Nos. 49-64) and Second Request for Production of Documents (Nos. 11-13) of the Citizens of the State of Florida, propounded and served by electronic mail on June 1, 2018.

Thank you for your assistance in connection with this matter.

Sincerely,

/s/ James D. Beasley

James D. Beasley

JDB/pp
Attachment

cc: All parties of record (w/attachment)

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Petition for recovery of cost associated)
with named tropical systems during the)
2015, 2016 and 2017 hurricane seasons and)
replenishment of storm reserve subject to)
final true-up, by Tampa Electric Company.)
_____)

DOCKET NO. 20170271-EI

FILED: June 18, 2018

**TAMPA ELECTRIC COMPANY'S NOTICE OF SERVICE OF
ANSWERS TO THIRD SET OF INTERROGATORIES (NOS. 49-64)
AND SECOND REQUEST FOR PRODUCTION OF DOCUMENTS (NOS. 11-13)
OF THE CITIZENS OF THE STATE OF FLORIDA**

Tampa Electric Company has this date furnished by hand delivery to Virginia Ponder, Associate Public Counsel, Office of Public Counsel, c/o The Florida Legislature, 111 West Madison Street, Room 812, Tallahassee, FL 32399-1400, its Answers to the Citizens of the State of Florida's Third Set of Interrogatories (Nos. 49-64) and Second Request for Production of Documents (Nos. 11-13), propounded and served by electronic mail on June 1, 2018.

DATED this 18th day of June 2018.

Respectfully submitted,

/s/ James D. Beasley

JAMES D. BEASLEY
J. JEFFRY WAHLEN
Ausley McMullen
Post Office Box 391
Tallahassee, Florida 32302
(850) 224-9115

ATTORNEYS FOR TAMPA ELECTRIC COMPANY

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of the foregoing Notice of Service, filed on behalf of Tampa Electric Company, has been furnished by electronic mail on this 18th day of June 2018 to the following:

Ms. Suzanne S. Brownless
Ms. Danijela Janjic
Senior Attorney
Office of the General Counsel
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0850
sbrownle@psc.state.fl.us
jdanijela@psc.state.fl.us

Office of Public Counsel
J. R. Kelly
Public Counsel
Patricia A. Christensen
Associate Public Counsel
Virginia Ponder
Associate Public Counsel
c/o The Florida Legislature
111 West Madison Street, Room 812
Tallahassee, FL 32399-1400
Kelly.jr@leg.state.fl.us
Christensen.patty@leg.state.fl.us
Ponder.virginia@leg.state.fl.us

The Florida Industrial Power Users Group
Jon C. Moyle, Jr.
Karen A. Putnal
Moyle Law Firm
The Perkins House
118 North Gadsden Street
Tallahassee, FL 32301
jmoyle@moylelaw.com
kputnal@moylelaw.com

Florida Retail Federation
Mr. Robert Scheffel Wright
Mr. John T. LaVia, III
Gardner, Bist, Bowden, Bush, Dee,
LaVia & Wright, P.A.
1300 Thomaswood Drive
Tallahassee, FL 32308
Schef@gbwlegal.com
Jlavia@gbwlegal.com

/s/ James D. Beasley

ATTORNEY

**BEFORE THE
FLORIDA PUBLIC SERVICE COMMISSION**

In re:Petition for recovery of costs associated)
with named tropical systems during the 2015,)
2016, and 2017 hurricane seasons and)
replenishment of storm reserve subject to)
final true-up,Tampa Electric Company.)

DOCKET NO. 20170271-EI
FILED: June 18, 2018

**TAMPA ELECTRIC COMPANY'S
ANSWERS TO THIRD SET OF INTERROGATORIES (NOS. 49 – 64)
OF
OFFICE OF PUBLIC COUNSEL**

Tampa Electric files this its Answers to Interrogatories (Nos. 49 – 64)
propounded and served on June 1, 2018 by the Office of Public Counsel.

TAMPA ELECTRIC COMPANY
DOCKET NO. 20170271-EI
INDEX TO OPC'S THIRD SET OF INTERROGATORIES (NOS. 49 – 64)

<u>Number</u>	<u>Witness</u>	<u>Subject</u>	<u>Bates Stamped Page</u>
49	Beth Young	<p>Please refer to the Direct Testimony of S. Beth Young, pages 7-8.</p> <p>a. Please explain what is meant by the term "foreign crew."</p> <p>b. Please explain the type of personnel that typically makes up a foreign crew typically (i.e. foreman, experienced lineman, apprentice lineman, etc.).</p> <p>c. Please explain whether any other foreign crew personnel are retained (i.e. mechanics, general foreman, operators, etc.)</p> <p>d. Please explain the typical number of personnel comprising a foreign crew.</p>	1
50	Beth Young	<p>Please refer to the Direct Testimony of S. Beth Young at page 9, line 17-21. Please state whether the Company has a policy or any guidelines directed to the amount that foreign crews are allowed to bill for bucket trucks, diggers, line trailers, pick-ups, etc. If so, please explain, in detail, the policy or guidelines.</p>	2
51	Beth Young	<p>Please refer to the Direct Testimony of S. Beth Young at page 9, line 23 to page 10, line 2.</p> <p>a. Please indicate if the Tampa Electric lineman assigned to a foreign crew remains with that foreign crew until such time that the foreign crew is released.</p> <p>b. Please indicate if the Tampa Electric lineman is required to sign off on the time sheets provided by the foreign crew. If not, explain in detail how the Company monitors the foreign crews.</p>	3
52	Beth Young	<p>Please refer to the Direct Testimony of S. Beth Young at page 12, line 1-7.</p> <p>a. Please indicate if the assigned Tampa Electric supervisor remains with its foreign tree trimming crew until such time that the foreign tree trimming crew is released.</p> <p>b. Please indicate if the assigned Tampa Electric supervisor is required to sign off on the time sheets provided by the foreign tree trimming crew? If not, explain how the foreign tree trimming crews are monitored.</p>	4
53	Beth Young	<p>Please refer to Exhibit No. SEY-1, Document 1. Please identify the type of costs included under the following captions: (i) "Line"; (ii) "Vegetation Management"; and (iii) "Other."</p>	5

54	Beth Young	<p>Please refer to Exhibit No. SEY-1, Document 1, and the Company's response to OPC interrogatory 1-29.</p> <p>a. Please explain why the costs for each storm under the column "Vegetation Management" of Exhibit No. SEY-1 do not match the costs in the Company's response to OPC interrogatory 1-29.</p> <p>b. If the Company's summary of costs provided in response to OPC 1-29 includes costs other than line clearing costs, such as costs associated with line crew contractors, please provide a supplemental response to OPC 1-29 summarizing only the line clearing costs, as initially requested. If this supplemental response does not conform to the costs identified in under "Vegetation Management" in Exhibit No. SEY-1, Document 1, please explain why.</p>	6
55	Beth Young	For each storm, please provide a summary of costs (listing each invoice) for line crew costs only.	7
56	Beth Young	Please refer to the response to OPC 1-33. Please provide a supplemental response summarizing costs (listing each invoice) for contractors not included in the Company's initial response.	12
57	Beth Young	Please refer to Exhibit No. SEY-1, Document 2. Provide a summary of the costs by type (i.e. labor overhead, etc.), by function and identify the respective departments charging the costs to the storm recovery request.	16
58	Jeff Chronister	<p>Please refer to Exhibit No. JSC-1, Document 1 and Document 2.</p> <p>a. Please provide a summary of costs for the "Total Storm Restoration Recoverable Costs" column on Document 1, for each storm, in the by cost element format shown on Document 2.</p> <p>b. Please provide a summary of costs for the "Capital" column on Document 1 for each storm in the by cost element format shown on Document 2.</p> <p>c. Please provide a summary of costs for the "O&M" column on Document 1 for each storm in the by cost element format shown on Document 2.</p>	19
59	Jeff Chronister	Please refer to the Direct Testimony of Jeffrey S. Chronister at page 14, lines 1-4. Please indicate whether or not incremental costs for overtime or contractors are capitalized. If not, please explain how capital work performed by employees on overtime and/or contractor costs would not be considered to be capitalizable costs.	21

60	Jeff Chronister	Please refer to the Direct Testimony of Jeffrey S. Chronister at page 14, lines 11-14. Is the actual work performed separately tracked on Company and/or contractor time sheets so the exact time associated with the actual work is known? If not, explain how the cost for capital work is determined and provide a sample calculation of the capitalization of pole work, of conductor work and for transformers.	22
61	Beth Young	Please refer to Direct Testimony of Jeffrey S. Chronister at page 15, lines 5-8. Please identify and explain, in detail, what comprises the "operational documentation" that is utilized by the Company to verify storm invoices.	23
62	Jeff Chronister	Please to Direct Testimony of Jeffrey S. Chronister at page 16, lines 10-14, and Exhibit No. JSC-1, Document 1. Please provide an explanation of the significant variance in the percentage of capitalized storm costs discussed here (i.e. 53%) compared to the 8.2% (\$9,113/\$111,693) of costs shown on Exhibit No. JSC-1, Document 1.	24
63	Jeff Chronister	Please refer to Exhibit No. JSC-1, Document 1 and Document 8. Provide a summary schedule in the format shown on Document 8 showing the "Total Storm Restoration Costs" by element, then the "Capital" costs by element and then the "O&M" costs by element so the net result is the amounts reflected on Document No. 8 by element.	25
64	Jeff Chronister	Please refer to the Company's response to OPC interrogatory 1-15. Is the amount reflected only the cost of the items listed? If yes, please provide by type of costs the amount capitalized for each item listed so that the total matches the capitalized amount on Exhibit JSC-1, Document No. 1.	29

Jeff Chronister
Controller, Accounting

Beth Young
Director, Asset Management & System Planning

Tampa Electric Company
702 N. Franklin Street
Tampa, Florida 33602

**TAMPA ELECTRIC COMPANY
DOCKET NO. 20170271-EI
OPC'S THIRD SET OF
INTERROGATORIES
INTERROGATORY NO. 49
PAGE 1 OF 1
FILED: JUNE 18, 2018**

- 49.** Please refer to the Direct Testimony of S. Beth Young, pages 7-8.
- a. Please explain what is meant by the term "foreign crew."
 - b. Please explain the type of personnel that typically makes up a foreign crew typically (i.e. foreman, experienced lineman, apprentice lineman, etc.).
 - c. Please explain whether any other foreign crew personnel are retained (i.e. mechanics, general foreman, operators, etc.)
 - d. Please explain the typical number of personnel comprising a foreign crew.
- A.**
- a. Foreign Crew used in the context of S. Beth Young's testimony are personnel that are not used on Tampa Electric's system on a day-to-day basis. These personnel have been brought on specifically to assist in the restoration of the company's system following a storm event.
 - b. Foreign line crews are typically comprised of two linemen and one utility worker/support.
 - c. A company sending foreign line/tree trim crews typically includes a supervisor, a safety person and at times a logistics person.
 - d. Foreign line crews are typically comprised of two linemen and one utility worker/support. Foreign tree trim crews are typically two to four people.

**TAMPA ELECTRIC COMPANY
DOCKET NO. 20170271-EI
OPC'S THIRD SET OF
INTERROGATORIES
INTERROGATORY NO. 50
PAGE 1 OF 1
FILED: JUNE 18, 2018**

- 50.** Please refer to the Direct Testimony of S. Beth Young at page 9, line 17-21. Please state whether the Company has a policy or any guidelines directed to the amount that foreign crews are allowed to bill for bucket trucks, diggers, line trailers, pick-ups, etc. If so, please explain, in detail, the policy or guidelines.
- A.** The company has no specific guidelines and did not direct foreign crews as to the allowed amounts to bill for bucket trucks, diggers, line trailers, pick-ups, etc. Tampa Electric prefers to obtain foreign resources from the Southeast Electric Exchange ("SEE") Mutual Assistance Group or another Regional Mutual Assistance Group ("RMAG"). The SEE and RMAG entities invoice at an "at cost" rate. In addition, Tampa Electric requests additional resources from the native contractors.

**TAMPA ELECTRIC COMPANY
DOCKET NO. 20170271-EI
OPC'S THIRD SET OF
INTERROGATORIES
INTERROGATORY NO. 51
PAGE 1 OF 1
FILED: JUNE 18, 2018**

- 51.** Please refer to the Direct Testimony of S. Beth Young at page 9, line 23 to page 10, line 2.
- a. Please indicate if the Tampa Electric lineman assigned to a foreign crew remains with that foreign crew until such time that the foreign crew is released.
 - b. Please indicate if the Tampa Electric lineman is required to sign off on the time sheets provided by the foreign crew. If not, explain in detail how the Company monitors the foreign crews.
- A.**
- a. Yes, the Tampa Electric lineman is assigned to lead a foreign crew(s) typically remains with them until they are released.
 - b. The lineman is not required to sign off on the time sheets of the foreign crews. The lineman is responsible for monitoring and guiding the foreign crew and will provide feedback to the Incident Base Supervisors on the foreign crew's work quality and production. The company utilizes daily time and material records to compare against the foreign crew's timesheets and invoices when received to verify and approve them.

**TAMPA ELECTRIC COMPANY
DOCKET NO. 20170271-EI
OPC'S THIRD SET OF
INTERROGATORIES
INTERROGATORY NO. 52
PAGE 1 OF 1
FILED: JUNE 18, 2018**

- 52.** Please refer to the Direct Testimony of S. Beth Young at page 12, line 1-7.
- a. Please indicate if the assigned Tampa Electric supervisor remains with its foreign tree trimming crew until such time that the foreign tree trimming crew is released.
 - b. Please indicate if the assigned Tampa Electric supervisor is required to sign off on the time sheets provided by the foreign tree trimming crew? If not, explain how the foreign tree trimming crews are monitored.
- A.**
- a. A representative of the Line Clearance Department at the Incident Base will monitor the daily activities of the tree trimming crews in the assigned areas and remains with those crews until such time they either are released or relocated. If relocated, the tree trimming crews are reassigned to another representative of the Line Clearance Department at the Incident Base covering the new area.
 - b. The assigned Line Clearance Department representative at the Incident Base will reconcile and approve the time sheets provided by tree trimming crews utilized for storm restoration. The company's Line Clearance Department utilizes daily time and material records against the tree trimming crew's company invoices when received to verify and approve final payment.

**TAMPA ELECTRIC COMPANY
DOCKET NO. 20170271-EI
OPC'S THIRD SET OF
INTERROGATORIES
INTERROGATORY NO. 53
PAGE 1 OF 1
FILED: JUNE 18, 2018**

53. Please refer to Exhibit No. SEY-1, Document 1. Please identify the type of costs included under the following captions: (i) "Line"; (ii) "Vegetation Management"; and (iii) "Other."

A. The type of costs included in Exhibit No SEY-1 under the following captions: (i) "Line"; (ii) "Vegetation Management"; and (iii) "Other" are as follows:

"Line" costs include the labor, equipment, and travel costs (i.e.: hotel, fuel, and food) of the foreign line crews.

"Vegetation Management" costs include the labor, vehicle, and travel costs (i.e.: hotel, fuel, and food) of the tree trim crews.

"Other" costs include the labor and any equipment costs for fuel vendors, security, bus transportation, and Information Technology and Telecom ("IT") support for storm critical systems.

**TAMPA ELECTRIC COMPANY
DOCKET NO. 20170271-EI
OPC'S THIRD SET OF
INTERROGATORIES
INTERROGATORY NO. 54
PAGE 1 OF 1
FILED: JUNE 18, 2018**

- 54.** Please refer to Exhibit No. SEY-1, Document 1, and the Company's response to OPC interrogatory 1-29.
- a. Please explain why the costs for each storm under the column "Vegetation Management" of Exhibit No. SEY-1 do not match the costs in the Company's response to OPC interrogatory 1-29.
 - b. If the Company's summary of costs provided in response to OPC 1-29 includes costs other than line clearing costs, such as costs associated with line crew contractors, please provide a supplemental response to OPC 1-29 summarizing only the line clearing costs, as initially requested. If this supplemental response does not conform to the costs identified in under "Vegetation Management" in Exhibit No. SEY-1, Document 1, please explain why.
- A.**
- a. The Vegetation Management costs provided for Exhibit No. SEY-1, Document 1 are reflective of foreign crew costs only. Costs noted in OPC's First set of Interrogatory Request No. 19 are inclusive of both foreign and native Vegetation Management crew costs.
 - b. Responses provided for OPC's First set of Interrogatory Request No. 19 are inclusive of both foreign and native Vegetation Management crew costs.

**TAMPA ELECTRIC COMPANY
DOCKET NO. 20170271-EI
OPC'S THIRD SET OF
INTERROGATORIES
INTERROGATORY NO. 55
PAGE 1 OF 5
FILED: JUNE 18, 2018**

55. For each storm, please provide a summary of costs (listing each invoice) for line crew costs only.

A. The tables below provide the summary of costs (listing each invoice) for line crew costs only for each storm:

TS Erika

Tropical Storm Erika - Line Crew Costs	
Company Name	Amount
10005197 PIKE ENTERPRISES INC	2,565.86
10037135 I B ABEL INC**USE V#10041966	267,384.53
10032825 SPE UTILITY CONTRACTORS-FD LLC	1,732.74
10011270 FISHEL CO	1,023.64
10011270 FISHEL CO	2,301.47
10016983 GRIFFIN UTILITIES INC	398.46
10005197 PIKE ENTERPRISES INC	194,352.78
10037101 WILLIAM E GROVES CONSTRUCTION INC	75,084.90
TS Erika Total	544,844.38

TS Colin

Tropical Storm Colin - Line Crew Costs	
Company Name	Amount
10032825 SPE UTILITY CONTRACTORS-FD LLC	141,644.27
10005197 PIKE ENTERPRISES INC	2,428.38
10005197 PIKE ENTERPRISES INC	138,722.86
10033444 SERVICE ELECTRIC COMPANY	938,519.91
10009512 E M SCOTT GEN CONTRACTOR INC	2,512.00
10011270 FISHEL CO	18,118.82
TS Colin Total	1,241,946.24

TAMPA ELECTRIC COMPANY
DOCKET NO. 20170271-EI
OPC'S THIRD SET OF
INTERROGATORIES
INTERROGATORY NO. 55
PAGE 2 OF 5
FILED: JUNE 18, 2018

Hurricane Hermine

Hurricane Hermine - Line Crew Costs	
Company Name	Amount
10032825 SPE UTILITY CONTRACTORS-FD LLC	242,032.09
10008151 SPIVEY UTILITY CONSTRUCTION CO INC	1,729.12
10005197 PIKE ENTERPRISES INC	753,319.51
10033444 SERVICE ELECTRIC COMPANY	1,083,819.32
10041966 I B ABEL INC	146,236.49
10041715 MEADE INC	187,388.66
10022423 PEAK POWER SERVICES INC	5,750.00
10033444 SERVICE ELECTRIC COMPANY	57,695.41
10041660 J F ELECTRIC INC	156,553.52
10041670 WAMPOLE-MILLER INC	148,681.56
10011270 FISHEL CO	56,311.87
10011270 FISHEL CO	421,947.75
10016983 GRIFFIN UTILITIES INC	3,282.48
10015687 F&H CONTRACTORS	2,147.97
10036841 POWERTOWN LINE CONSTRUCTION	215,875.95
Hurricane Hermine Total	3,482,771.70

Hurricane Matthew

Hurricane Matthew - Line Crew Costs	
Company Name	Amount
10032825 SPE UTILITY CONTRACTORS-FD LLC	110,377.90
10005197 PIKE ENTERPRISES INC	86,984.09
10033444 SERVICE ELECTRIC COMPANY	27,057.29
10033444 SERVICE ELECTRIC COMPANY	24,109.90
10033444 SERVICE ELECTRIC COMPANY	173,638.57
10011270 FISHEL CO	744.84
10011270 FISHEL CO	139,605.64
10016983 GRIFFIN UTILITIES INC	1,151.01
10015687 F&H CONTRACTORS	555.66
10036841 POWERTOWN LINE CONSTRUCTION	64,860.75
Hurricane Matthew Total	629,085.65

**TAMPA ELECTRIC COMPANY
DOCKET NO. 20170271-EI
OPC'S THIRD SET OF
INTERROGATORIES
INTERROGATORY NO. 55
PAGE 3 OF 5
FILED: JUNE 18, 2018**

Hurricane Irma

Hurricane Irma - Line Crew Costs	
Company Name	Amount
5 STAR ELECTRIC LLC	939,824.28
AMERICAN ELECTRIC POWER	3,960,897.63
AP Emera IC Posting	3,493,567.58
APC WORKFORCE SOLUTIONS LLC	70,616.31
ARBOR RESOURCES LLC	281,213.70
ASSOCIATED DIVERSIFIED SERVICES INC	81,503.18
BBC ELECTRICAL SERVICES INC	1,148,005.14
CHAIN ELECTRIC COMPANY	329,115.15
CHATHAM KENT HYDRO INC DBA ENTEGRUS	180,525.74
Contractor Services	26,171.63
DAVIS H ELLIOT COMPANY INC	2,967,597.65
DISASTER RESOURCE GROUP LLC	121,652.00
ELECNOR HAWKEYE LLC	785,470.91
EMPIRE DISTRICT ELECTRIC COMPANY	436,733.98
ERTEL CONSTRUCTION, INC	355,639.24
GRANITE STATE ELECTRIC DBA LIBERTY	292,423.92
GULF POWER COMPANY	214,819.31
HENKELS & MCCOY INC	673,637.07
I B ABEL INC	336,077.96
JW DIDADO ELECTRIC INC	3,668,943.47
KEMA INC DBA DIGITAL INSPECTIONS	40,000.00
LEE ELECTRICAL CONSTRUCTION INC	1,755,621.28
LINETEC SERVICES LLC	1,100,990.25
LONG ISLAND LIGHTING COMPANY DBA	878,399.18
M J ELECTRIC LLC	698,263.36
M10 INC DBA MICHELS CORPORATION	2,483,525.72
MADISON GAS AND ELECTRIC COMPANY	198,690.70
MASSACHUSETTS ELECTRIC COMPANY	1,252,041.55
MATRIX NORTH AMERICAN CONSTRUCTION	119,895.70
MDR CONSTRUCTION INC	401,392.13
NARRAGANSETT ELECTRIC COMPANY	439,765.45

**TAMPA ELECTRIC COMPANY
DOCKET NO. 20170271-EI
OPC'S THIRD SET OF
INTERROGATORIES
INTERROGATORY NO. 55
PAGE 4 OF 5
FILED: JUNE 18, 2018**

Hurricane Irma - Line Crew Costs	
Company Name	Amount
NEBRASKA PUBLIC POWER DISTRICT	548,406.00
NIAGARA MOHAWK POWER CORPORATION	1,900,262.60
NORTHERN INDIANA PUBLIC SERVICE	1,075,299.39
NORTHERN STATES POWER CO MINNESOTA	650,934.86
NORTHERN STATES POWER CO WISCONSIN	177,437.24
OMAHA PUBLIC POWER DISTRICT	421,839.66
OTTER TAIL POWER COMPANY	118,954.38
PIKE CORPORATION	171,144.80
PIKE ENTERPRISES INC	459,372.67
PUBLIC SERVICE COMPANY OF COLORADO	1,216,454.00
RIGGS DISTLER & COMPANY INC	558,648.97
RIVER CITY CONSTRUCTION INC	531,542.37
SERVICE ELECTRIC COMPANY	2,352,252.97
SOUTHWESTERN PUBLIC SERVICE CO DBA	524,707.66
SPARKS ENERGY INC	7,969,811.85
STATE ELECTRIC CORPORATION	3,172,917.03
THAYER INVESTMENTS DBA THAYER	778,600.32
THE FISHEL COMPANY	1,601,616.07
TORONTO HYDRO ELECTRIC SYSTEM	239,235.88
UPPER PENINSULA POWER COMPANY	113,350.99
UTILITY LINES CONSTRUCTION	32,732.54
VALIANT POWER GROUP INC	1,126,923.17
WAMPOLE-MILLER INC DBA MILLER BROS	976,165.37
Sims Crane Rental	1,284.90
PIKE CORPORATION	6,748.00
Spivey	6,957.29
10005197 PIKE ENTERPRISES INC	219,847.02
10011270 FISHEL CO	197,121.60
10011270 FISHEL CO	41,417.45
10011270 FISHEL CO	1,093,546.05
10016983 GRIFFIN UTILITIES INC	4,307.76
10015687 F&H CONTRACTORS	8,724.57
10036841 POWERTOWN LINE CONSTRUCTION	681,480.94

TAMPA ELECTRIC COMPANY
DOCKET NO. 20170271-EI
OPC'S THIRD SET OF
INTERROGATORIES
INTERROGATORY NO. 55
PAGE 5 OF 5
FILED: JUNE 18, 2018

Hurricane Irma - Line Crew Costs	
Company Name	Amount
10033444 SERVICE ELECTRIC COMPANY	495,363.79
10011270 FISHEL CO	77,924.52
10008151 SPIVEY UTILITY CONSTRUCTION CO INC	684.05
FS-JL Fence-T1770	4,857.60
Storm Services	221,431.31
CenterPointe	1,009,719.75
CONSOLIDATED EDISON - NY	1,733,284.75
ORANGE & ROCKLAND	517,842.59
STATE ELECTRIC CORPORATION	4,090.27
Hurricane Irma Total	62,778,266.17

**TAMPA ELECTRIC COMPANY
DOCKET NO. 20170271-EI
OPC'S THIRD SET OF
INTERROGATORIES
INTERROGATORY NO. 56
PAGE 1 OF 4
FILED: JUNE 18, 2018**

56. Please refer to the response to OPC 1-33. Please provide a supplemental response summarizing costs (listing each invoice) for contractors not included in the Company's initial response.

A. Tampa Electric received four invoices for contractors that were not included in the company's initial response for Hurricane Irma. The tables for Tropical Storms Erika and Colin and Hurricanes Hermine and Matthew did not change as were provided in the company's initial response to OPC 1-33. The table below has been updated for Hurricane Irma to include these four invoices (Note – the new invoices have been asterisked):

Storm	Vendor	Invoice Number	Amount
Irma	5 Star	17-450	\$910,960.00
Irma	5 Star	17-455	\$28,864.28
Irma	AEP	250-211005864	\$3,947,080.65
Irma	AEP Kentucky Power Co		
Irma	AEP Appalachian Power Company		
Irma	AEP Michigan Power		
Irma	AEP Ohio Power Company		
Irma	AEP Public Service of Oklahoma		
Irma	AEP Final Invoice*		\$13,816.98
Irma	Asplundh (Utility Lines)	TECO-1	\$32,732.54
Irma	BBC Electrical	5457	\$493,602.80
Irma	BBC Electrical	5458	\$630,480.37
Irma	BBC Electrical	5459	\$23,921.97
Irma	CenterPoint Energy*	3000812726	\$1,009,719.75
Irma	Chain Electric	75952	\$329,115.15
Irma	ConEd*	40062084	\$1,733,284.75
Irma	DHEC - AEP Appalachian Power-367437	367437	\$333,624.92
Irma	DHEC - AEP Appalachian Power-367250	367250	\$353,595.09
Irma	DHEC - AEP Appalachian Power-367249	367249	\$330,632.25
Irma	DHEC - AEP Kentucky Power-366226	366226	\$117,476.20
Irma	DHEC - Dominion-366227	366227	\$577,180.20
Irma	DHEC - KY CO-Ops-367515	367515	\$134,614.90
Irma	DHEC - KY CO-Ops-365207	365207	\$560,159.59
Irma	DHEC - AEP PSO-365425	365425	\$258,984.54
Irma	DHEC - AEP PSO-366843	366843	\$142,669.56
Irma	DHEC - AEP PSO-367579	367579	\$29,713.71
Irma	DHEC - AEP PSO-367580	367580	\$128,946.72
Irma	Diversifed Services	142394	\$81,503.18
Irma	Emera (EUS)	W20816	\$2,460,260.42
Irma	Emera Maine	80457	\$653,136.70

**TAMPA ELECTRIC COMPANY
DOCKET NO. 20170271-EI
OPC'S THIRD SET OF
INTERROGATORIES
INTERROGATORY NO. 56
PAGE 2 OF 4
FILED: JUNE 18, 2018**

Storm	Vendor	Invoice Number	Amount
Irma	Emera Nova Scotia	2080251-8	\$365,556.61
Irma	Empire Electric (D-Line)	EDE004648	\$436,733.98
Irma	Entegrus	I000004212	\$179,078.67
Irma	Ertel Construction Inc	83206	\$355,639.24
Irma	First Energy	90551795	\$624,121.58
Irma	Fishel	51339	\$1,495,280.53
Irma	Fishel	55924	\$106,335.54
Irma	Gulf Power	18-003	\$214,819.31
Irma	Hawkeye Elecnor	10724	\$785,470.91
Irma	Henkels&McCoy (PPL)	IRMA17-I1000	\$303,848.43
Irma	Henkels&McCoy (Vectren Energy)	STRM17-I1020	\$369,788.64
Irma	IB Abel (1)	161635	\$336,077.98
Irma	JW Didado Distribution	1711174	\$488,050.00
Irma	JW Didado Distribution	1711175	\$60,917.30
Irma	JW Didado Distribution	1711170	\$209,391.11
Irma	JW Didado Distribution	1711169	\$61,715.28
Irma	JW Didado Distribution	1711173	\$3,706.95
Irma	JW Didado Distribution	1711172	\$206,436.11
Irma	JW Didado Distribution	1711179	\$11,224.50
Irma	JW Didado Distribution	1711171	\$2,516,930.73
Irma	JW Didado Distribution	1711309	\$48,432.46
Irma	JW Didado Distribution	1711162	\$33,402.55
Irma	JW Didado Distribution	1712520	\$111.80
Irma	JW Didado Distribution	1801528	\$22,503.79
Irma	JW Didado Distribution	1801600	\$3,242.59
Irma	JW Didado Distribution	1711308R	\$2,878.30
Irma	Lee Electrical	33466023284	\$1,755,621.28
Irma	Liberty Utilities (Algonquin Power)	1441	\$292,423.92
Irma	Linetec Services Transmission Only	5265	\$10,737.86
Irma	Linetec Services Transmission Only	5266	\$23,927.96
Irma	Linetec Services Transmission Only	5271	\$24,855.32
Irma	Linetec Services Transmission Only	5272	\$8,411.15
Irma	Linetec Services Transmission Only	5273	\$6,930.33
Irma	Linetec Services Transmission Only	5274	\$29,193.36
Irma	Linetec Services Transmission Only	5275	\$7,691.40
Irma	Linetec Services Transmission Only	5276	\$8,970.78
Irma	Linetec Services Transmission Only	5277	\$11,398.80
Irma	Linetec Services Transmission Only	5280	\$14,687.60
Irma	Linetec Services Transmission Only	5281	\$60,337.52
Irma	Linetec Services Transmission Only	5282	\$69,751.92
Irma	Linetec Services Transmission Only	5283	\$59,746.04
Irma	Linetec Services Transmission Only	5284	\$56,622.00

**TAMPA ELECTRIC COMPANY
DOCKET NO. 20170271-EI
OPC'S THIRD SET OF
INTERROGATORIES
INTERROGATORY NO. 56
PAGE 3 OF 4
FILED: JUNE 18, 2018**

Storm	Vendor	Invoice Number	Amount
Irma	Linetec Services Transmission Only	5285	\$66,140.56
Irma	Linetec Services Transmission Only	5286	\$32,876.92
Irma	Linetec Services Transmission Only	5289	\$36,065.92
Irma	Linetec Services Transmission Only	5290	\$55,093.76
Irma	Linetec Services Transmission Only	5291	\$72,306.24
Irma	Linetec Services Transmission Only	5292	\$55,965.52
Irma	Linetec Services Transmission Only	5294	\$59,075.48
Irma	Linetec Services Transmission Only	5295	\$57,580.00
Irma	Linetec Services Transmission Only	5296	\$58,726.32
Irma	Linetec Services Transmission Only	5297	\$135,728.32
Irma	Linetec Services Transmission Only	5298	\$41,318.40
Irma	Linetec Services - Meals/Lodging/Equip trans	5380	\$36,850.77
Irma	Madison G&E	23-7533-5-17	\$198,690.70
Irma	MatrixNAC (North American Construction)	43561497	\$119,895.70
Irma	MDR Construction	25-20915	\$27,145.13
Irma	MDR Construction	25-20916	\$13,711.84
Irma	MDR Construction	25-20917	\$12,913.65
Irma	MDR Construction	25-20918	\$12,921.75
Irma	MDR Construction	25-20919	\$13,480.78
Irma	MDR Construction	25-20930	\$112,951.43
Irma	MDR Construction	25-20931	\$52,374.52
Irma	MDR Construction	25-20932	\$51,789.24
Irma	MDR Construction	25-20933	\$52,693.15
Irma	MDR Construction	25-20934	\$51,410.64
Irma	Michels (ITC MidWest)	272015	\$499,332.84
Irma	Michels (ITC MidWest)	272016	\$1,469,307.34
Irma	Michels (ITC MidWest)	272017	\$514,885.54
Irma	Miller Brothers	PILS-7436	\$976,165.37
Irma	MJ Electric	25163055200-1	\$698,263.36
Irma	National Grid (D-Line)(MA)	800243062	\$1,252,041.55
Irma	National Grid (D-Line)(RI)	800243063	\$439,765.45
Irma	National Grid (D-Line)(NY)	800242502	\$1,900,262.60
Irma	Nebraska Public (NPPD)	9000024422	\$550,580.00
Irma	Northern Indiana Public Service (NISource)	112017-03	\$1,075,299.39
Irma	Omaha Public Power	EMP000279	\$421,839.66
Irma	Orange and Rockland*	40061737	\$635,235.59
Irma	Otter Tail Power	279108	\$118,954.38
Irma	PIKE	86308	\$17,299.94
Irma	PIKE	86306	\$66,670.79
Irma	PIKE	86597	\$42,672.38
Irma	PIKE	52008	\$4,383.83
Irma	PIKE	57360	\$16,817.38

**TAMPA ELECTRIC COMPANY
DOCKET NO. 20170271-EI
OPC'S THIRD SET OF
INTERROGATORIES
INTERROGATORY NO. 56
PAGE 4 OF 4
FILED: JUNE 18, 2018**

Storm	Vendor	Invoice Number	Amount
Irma	PIKE	57361	\$63,130.62
Irma	PIKE	52009	\$16,582.70
Irma	PIKE	54548	\$75,243.76
Irma	PIKE	58911	\$48,183.88
Irma	PIKE	58912	\$44,350.02
Irma	PIKE	58913	\$44,627.29
Irma	PIKE	59527	\$19,410.13
Irma	PSEG Long Island NY (PSEGLI)	405552223	\$878,399.18
Irma	Riggs Distler	RDC0526-001	\$558,648.97
Irma	River City Inc	38509	\$15,787.00
Irma	River City Inc	38510	\$84,149.50
Irma	River City Inc	38511	\$75,922.00
Irma	River City Inc	38512	\$69,561.00
Irma	River City Inc	38513	\$89,552.50
Irma	River City Inc	38514	\$138,711.25
Irma	River City Inc	38515	\$1,228.50
Irma	River City Inc	38516	\$6,347.25
Irma	River City Inc	38517	\$6,049.75
Irma	River City Inc	38518	\$5,260.50
Irma	River City Inc	38519	\$7,542.50
Irma	River City Inc	38520	\$9,700.25
Irma	River City Inc (Expenses)	38560	\$18,408.40
Irma	River City Inc (Meals)	Meals	\$3,321.97
Irma	Service Electric Company (SEC) (1)	57428	\$30,945.12
Irma	Service Electric Company (SEC) (2)	57429	\$1,891,865.93
Irma	Service Electric Company (SEC)	57427	\$429,441.92
Irma	Sparks	9116	\$1,910,235.68
Irma	Sparks	9116A	\$3,897,168.13
Irma	Sparks	9116B	\$428,085.60
Irma	Sparks - Travel	9116C	\$1,734,322.44
Irma	State Electric	9516	\$3,108,000.00
Irma	State Electric	9604	\$64,917.03
Irma	State Electric	10178	\$4,090.27
Irma	Thayer	17TEC01	\$778,600.32
Irma	Toronto Hydro	L0071029	\$301,413.00
Irma	Upper Peninsula	TEC-001	\$113,350.99
Irma	Valiant Energy	P174-01	\$1,126,923.17
Irma	XCEL Energy - MN	10036493	\$650,934.86
Irma	XCEL Energy - PSCo	200002718776	\$1,216,454.00
Irma	XCEL Energy - Southwestern Public Service	200002722337	\$524,707.66
Irma	XCEL Energy - WI	10036494	\$177,437.24
Note: the new invoices are shown with the company name asterisked			\$59,795,575.76

**TAMPA ELECTRIC COMPANY
DOCKET NO. 20170271-EI
OPC'S THIRD SET OF
INTERROGATORIES
INTERROGATORY NO. 57
PAGE 1 OF 3
FILED: JUNE 18, 2018**

57. Please refer to Exhibit No. SEY-1, Document 2. Provide a summary of the costs by type (i.e. labor overhead, etc.), by function and identify the respective departments charging the costs to the storm recovery request.

A. The tables below provide a summary of the costs by type (i.e. labor overhead, etc.), by function and further below is a list by storm that identifies the respective departments charging the costs to the storm recovery request:

Tampa Electric's Distribution Cost Summary (In \$ Thousands)							
	Total Storm Restoration Recoverable Costs	Labor	Contractors	Employee Expense	Materials & Supplies	Utilities	Other
Erika	4	4	0	0	0	0	0
Colin	8	8	0	0	0	0	0
Hermine	0	0	0	0	0	0	0
Matthew	0	0	0	0	0	0	0
Irma	1,045	1,045	0	0	0	0	0
Total	1,057	1,057	0	0	0	0	0

Tampa Electric's Transmission Cost Summary (In \$ Thousands)							
	Total Storm Restoration Recoverable Costs	Labor	Contractors	Employee Expense	Materials & Supplies	Utilities	Other
Erika	0	0	0	0	0	0	0
Colin	0	0	0	0	0	0	0
Hermine	0	0	0	0	0	0	0
Matthew	0	0	0	0	0	0	0
Irma	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0

**TAMPA ELECTRIC COMPANY
DOCKET NO. 20170271-EI
OPC'S THIRD SET OF
INTERROGATORIES
INTERROGATORY NO. 57
PAGE 2 OF 3
FILED: JUNE 18, 2018**

Tampa Electric's Generation Cost Summary (In \$ Thousands)							
	Total Storm Restoration Recoverable Costs	Labor	Contractors	Employee Expense	Materials & Supplies	Utilities	Other
Erika	0	0	0	0	0	0	0
Colin	0	0	0	0	0	0	0
Hermine	0	0	0	0	0	0	0
Matthew	0	0	0	0	0	0	0
Irma	1,516	404	940	0	169	0	3
Total	1,516	404	940	0	169	0	3

Tampa Electric's Other Cost Summary (In \$ Thousands)							
	Total Storm Restoration Recoverable Costs	Labor	Contractors	Employee Expense	Materials & Supplies	Utilities	Other
Erika	0	0	0	0	0	0	0
Colin	0	0	0	0	0	0	0
Hermine	97	4	39	23	31	0	0
Matthew	0	0	0	0	0	0	0
Irma	3,107	1,543	0	1,564	0	0	0
Total	3,204	1,547	39	1,587	31	0	0

**TAMPA ELECTRIC COMPANY
DOCKET NO. 20170271-EI
OPC'S THIRD SET OF
INTERROGATORIES
INTERROGATORY NO. 57
PAGE 3 OF 3
FILED: JUNE 18, 2018**

Tampa Electric Departments that charged Storm Recovery	
TS Colin	TS Erika
Facilities Service Operations	Facilities Service Operations

Tampa Electric Departments that charged Storm Recovery	
Hurricane Matthew	Hurricane Hermine
Facilities Service Operations	Facilities Service Operations
New Construction	Unified Communications

Tampa Electric Departments that charged Storm Recovery	
Hurricane Irma	
Admin & Spec Project	Engineering Project Management
Bayside Operations	Environmental, Health & Safety Administration
Big Bend Contractor Services	Facilities - Moves Adds and Changes Coord
Big Bend Engineering	Facilities Service Operations
Big Bend Water & Fuels	Financial Reporting
Broadband	Industrial Account Manager
Bulk Fuel	Integrity
Business Strategy	Information Technology and Telecom
Coalfield & By-Product Operations	New Construction
Community Relations Admin	Operations Compliance
Corporate Alternative Fuel	PGS - Lakeland Division
Corporate Community Relations	PGS - Saint Petersburg Division
Corporate General Accounting	PGS Tampa Operations
Corporate Real Estate	Pipeline
Corporate Regulatory	Planning & Fuels Administration
Customer Engineering Rep	Plant Accounting
Customer Experience Accuracy	Polk Engineering
Customer Experience Contact Center	Polk Maint
Customer Experience Credit & Collections	Polk Maintenance
Customer Experience Cust Solutions	Real Estate 61
Customer Experience Customer Relationship Business	Regulatory Accounting
Customer Experience Customer Solution Leadership	Regulatory Affairs
Customer Experience Development Service	Safety
Customer Experience Energy Management Services Residential	Solid Fuels
Customer Experience Support Services	Standards
Customer Experience Training	Substation Operations
Customer Experience Workforce	TECO Partners Marketing - Corporate
Customer Service Contact Ctr	Telecom Adaption
Energy Delivery Business Planning	Transmission Engineer
Energy Supply Business Planning	Unified Communications
Engineering & Project Management Construction	Zap Cap

**TAMPA ELECTRIC COMPANY
DOCKET NO. 20170271-EI
OPC'S THIRD SET OF
INTERROGATORIES
INTERROGATORY NO. 58
PAGE 1 OF 2
FILED: JUNE 18, 2018**

- 58.** Please refer to Exhibit No. JSC-1, Document 1 and Document 2.
- a. Please provide a summary of costs for the "Total Storm Restoration Recoverable Costs" column on Document 1, for each storm, in the by cost element format shown on Document 2.
 - b. Please provide a summary of costs for the "Capital" column on Document 1 for each storm in the by cost element format shown on Document 2.
 - c. Please provide a summary of costs for the "O&M" column on Document 1 for each storm in the by cost element format shown on Document 2.
- A.** a. The table below provides a summary of costs for the "Total Storm Restoration Recoverable Costs" column on Document 1, for each storm, in the by cost element format shown on Document 2.

**Tampa Electric's Storm Restoration Cost Summary
(In \$ Thousands)**

	Total Storm Restoration Costs	Erika	Colin	Hermine	Matthew	Irma
Labor	14,687	63	641	924	209	12,849
Employee Expense	4,894	24	133	192	12	4,532
Outside Services - Line Clearance	7,292	78	128	333	180	6,574
Outside Services - Other Services	79,560	545	1,637	4,051	637	72,690
Materials & Supplies	4,885	0	8	168	7	4,703
Rent Expense	81	0	0	16	0	65
Other Operating Expense	289	0	0	46	1	242
Total	111,689	710	2,548	5,731	1,046	101,655

**TAMPA ELECTRIC COMPANY
DOCKET NO. 20170271-EI
OPC'S THIRD SET OF
INTERROGATORIES
INTERROGATORY NO. 58
PAGE 2 OF 2
FILED: JUNE 18, 2018**

- b. The table below provides a summary of costs for the “Capital” column on Document 1 for each storm in the by cost element format shown on Document 2.

**Tampa Electric’s Storm Restoration Cost Summary - Capital
(In \$ Thousands)**

	Total Capital Storm Restoration Costs	Storm				
		Erika	Colin	Hermine	Matthew	Irma
Labor	1,584	0	0	68	5	1,511
Employee Expense	0	0	0	0	0	0
Outside Services - Line Clearance	0	0	0	0	0	0
Outside Services - Other Services	4,408	0	0	166	0	4,242
Materials & Supplies	2,888	0	0	122	1	2,765
Rent Expense	54	0	0	0	0	54
Other Operating Expense	179	0	0	13	1	164
Total	9,113	0	0	370	6	8,737

- c. The table below provides a summary of costs for the “O&M” column on Document 1 for each storm in the by cost element format shown on Document 2

**Tampa Electric’s Storm Restoration Cost Summary - O&M
(In \$ Thousands)**

	Total O&M Storm Restoration Costs	Storm				
		Erika	Colin	Hermine	Matthew	Irma
Labor	2,625	0	0	0	0	2,625
Employee Expense	2	0	0	0	0	2
Outside Services - Line Clearance	168	0	0	0	0	168
Outside Services - Other Services	75	0	0	0	0	75
Materials & Supplies	29	0	0	0	0	29
Rent Expense	0	0	0	0	0	0
Other Operating Expense	5	0	0	0	0	5
Total	2,903	0	0	0	0	2,903

**TAMPA ELECTRIC COMPANY
DOCKET NO. 20170271-EI
OPC'S THIRD SET OF
INTERROGATORIES
INTERROGATORY NO. 59
PAGE 1 OF 1
FILED: JUNE 18, 2018**

- 59.** Please refer to the Direct Testimony of Jeffrey S. Chronister at page 14, lines 1-4. Please indicate whether or not incremental costs for overtime or contractors are capitalized. If not, please explain how capital work performed by employees on overtime and/or contractor costs would not be considered to be capitalizable costs.
- A.** Yes, Tampa Electric capitalizes the incremental costs for overtime or contractors when that work directly relates to replacing an asset.

**TAMPA ELECTRIC COMPANY
DOCKET NO. 20170271-EI
OPC'S THIRD SET OF
INTERROGATORIES
INTERROGATORY NO. 60
PAGE 1 OF 1
FILED: JUNE 18, 2018**

- 60.** Please refer to the Direct Testimony of Jeffrey S. Chronister at page 14, lines 11-14. Is the actual work performed separately tracked on Company and/or contractor time sheets so the exact time associated with the actual work is known? If not, explain how the cost for capital work is determined and provide a sample calculation of the capitalization of pole work, of conductor work and for transformers.
- A.** Actual work performed is tracked separately on both Tampa Electric time sheets and native contractor invoices.

**TAMPA ELECTRIC COMPANY
DOCKET NO. 20170271-EI
OPC'S THIRD SET OF
INTERROGATORIES
INTERROGATORY NO. 61
PAGE 1 OF 1
FILED: JUNE 18, 2018**

- 61.** Please refer to Direct Testimony of Jeffrey S. Chronister at page 15, lines 5-8. Please identify and explain, in detail, what comprises the “operational documentation” that is utilized by the Company to verify storm invoices.
- A.** Tampa Electric will utilize several pieces of operational documentation to verify each storm invoice received. A sample of this documentation is included in OPC’s Second Production of Documents Request No. 13 that will be filed in conjunction with this Third Set of Interrogatories. Personnel within Tampa Electric’s Foreign Crew Coordination (“FCC”) unit will reconcile the invoice for accuracy using the personnel rate sheets, personnel rosters and time sheets, the vehicle rate sheets, and the list of vehicles and hours charged from the foreign crew. In addition, the foreign crew will need to provide all receipts for lodging, meals, fuel and any other/miscellaneous cost if the receipt(s) was not provided by Tampa Electric. All receipts are reviewed for accuracy, prudence, reasonableness and must be directly related to the emergency response in order to be approved for reimbursement by the company. The reconciliation process supports that each piece of operational documentation should provide the means for the FCC unit to reconstruct the foreign crew’s invoice.

**TAMPA ELECTRIC COMPANY
DOCKET NO. 20170271-EI
OPC'S THIRD SET OF
INTERROGATORIES
INTERROGATORY NO. 62
PAGE 1 OF 1
FILED: JUNE 18, 2018**

62. Please to Direct Testimony of Jeffrey S. Chronister at page 16, lines 10-14, and Exhibit No. JSC-1, Document 1. Please provide an explanation of the significant variance in the percentage of capitalized storm costs discussed here (i.e. 53%) compared to the 8.2% ($\$9,113/\$111,693$) of costs shown on Exhibit No. JSC-1, Document 1.

A. The Direct Testimony of Jeffrey S. Chronister on page 16, lines 10-14 is referencing the \$38.9 million of capitalized storm costs, out of the total cost of \$73.4 million, from the 2004 storms. The capital from the 2004 storms was significantly higher than 2017's Hurricane Irma due to the nature of the destruction and the storm hardening efforts since 2006.

In 2004, the Tampa Electric's system sustained asset destruction, which led to substantial asset replacement, which was capitalized. In contrast, the damage sustained during Hurricane Irma resulted mainly in asset repair, which is not capitalized. Therefore, the amount of capital was significantly less in the case of Hurricane Irma.

**TAMPA ELECTRIC COMPANY
DOCKET NO. 20170271-EI
OPC'S THIRD SET OF
INTERROGATORIES
INTERROGATORY NO. 63
PAGE 1 OF 4
FILED: JUNE 18, 2018**

- 63.** Please refer to Exhibit No. JSC-1, Document 1 and Document 8. Provide a summary schedule in the format shown on Document 8 showing the "Total Storm Restoration Costs" by element, then the "Capital" costs by element and then the "O&M" costs by element so the net result is the amounts reflected on Document No. 8 by element.
- A.** The tables below provide a summary schedule in the format shown on Document 8 showing the "Total Storm Restoration Costs" by element, then the "Capital" costs by element and then the "O&M" costs by element

TAMPA ELECTRIC COMPANY
DOCKET NO. 20170271-EI
OPC'S THIRD SET OF
INTERROGATORIES
INTERROGATORY NO. 63
PAGE 2 OF 4
FILED: JUNE 18, 2018

Tampa Electric Company								
Storm Restoration Costs Related to Tropical Storms Colin & Erika, and Hurricanes Hermine, Matthew, & Irma								
(\$000's)								
Line No.	Total Storm Restoration Costs by Storm							Storm Loss Recovery (7)
	Colin (1)	Erika (2)	Hermine (3)	Matthew (4)	Irma (5)	Total (6)		
1	Storm Reserve Balance (Pre-Storm)							(55,861)
2	Labor	641	63	924	209	12,849	14,687	
3	Outside Services - Line Clearance	128	78	333	180	6,574	7,292	
4	Outside Services - Services Expense	1,637	545	4,051	637	72,690	79,560	
5	Materials & Supplies Expense	8	0	46	3	1,882	1,939	
6	M&S Inventory Issue	0	0	123	4	2,820	2,947	
7	Other Operating Expense	0	0	46	1	242	289	
8	Employee Expense	133	24	192	12	4,532	4,894	
9	Rent Expense	0	0	16	0	65	81	
10	Total Recoverable Storm-Related Restoration Costs/Losses	2,548	710	5,731	1,046	101,655	111,689	111,689
11	Amount of Reserves used to Fund Storm Costs							0
12	Balance of Storm Reserve after Funding Storm Costs							-55,861
13	Amount Needed to Replenish Reserve to Oct 2013 Level as per Settlement Agreement (Exhibit A of Order No. PSC-2017-0456-S-EI)							0
14	Subtotal - System Storm Losses to be Recovered from Customers							111,689
15	Regulatory Assessment Fee Multiplier							1,00072
16	Total System Storm Losses to be Recovered from Customers ("Recoverable Storm Amount")							111,769

TAMPA ELECTRIC COMPANY
DOCKET NO. 20170271-EI
OPC'S THIRD SET OF
INTERROGATORIES
INTERROGATORY NO. 63
PAGE 3 OF 4
FILED: JUNE 18, 2018

Tampa Electric Company								
Storm Restoration Capital Costs Related to Tropical Storms Colin & Erika, and Hurricanes Hermine, Matthew & Irma								
(\$000's)								
Line No.	Capital Storm Restoration Costs by Storm							Storm Loss Recovery (7)
	Colin (1)	Erika (2)	Hermine (3)	Matthew (4)	Irma (5)	Total (6)		
1	0	0	0	0	0	0	(55,861)	
2	0	0	68	5	1,511	1,584		
3	0	0	0	0	0	0		
4	0	0	166	0	4,242	4,408		
5	0	0	4	0	1,062	1,067		
6	0	0	118	0	1,703	1,821		
7	0	0	13	1	164	179		
8	0	0	0	0	0	0		
9	0	0	0	0	54	54		
10	0	0	370	6	8,737	9,113	9,113	
11							0	
12							-55,861	
13							0	
14							9,113	
15							1,00072	
16							9,120	

Tampa Electric Company							
Storm Restoration O&M Costs Related to Tropical Storms Colin & Erika, and Hurricanes Hermine, Matthew & Irma							
(\$000's)							
Line No.	O&M Storm Restoration Costs by Storm						Storm Loss Recovery (7)
	Colin (1)	Erika (2)	Hermine (3)	Matthew (4)	Irma (5)	Total (6)	
1	Storm Reserve Balance (Pre-Storm)						(55,861)
2	Labor	0	0	0	0	2,625	
3	Outside Services - Line Clearance	0	0	0	0	168	
4	Outside Services - Services Expense	0	0	0	0	75	
5	Materials & Supplies Expense	0	0	0	0	6	
6	M&S Inventory Issue	0	0	0	0	23	
7	Other Operating Expense	0	0	0	0	5	
8	Employee Expense	0	0	0	0	2	
9	Rent Expense	0	0	0	0	0	
10	Total Recoverable Storm-Related Restoration Costs/Losses	0	0	0	0	2,903	2,903
11	Amount of Reserves used to Fund Storm Costs						0
12	Balance of Storm Reserve after Funding Storm Costs						-55,861
13	Amount Needed to Replenish Reserve to Oct 2013 Level as per Settlement Agreement (Exhibit A of Order No. PSC-2017-0456-S-EI)						0
14	Subtotal - System Storm Losses to be Recovered from Customers						2,903
15	Regulatory Assessment Fee Multiplier						1,00072
16	Total System Storm Losses to be Recovered from Customers ("Recoverable Storm Amount")						2,900

**TAMPA ELECTRIC COMPANY
DOCKET NO. 20170271-EI
OPC'S THIRD SET OF
INTERROGATORIES
INTERROGATORY NO. 64
PAGE 1 OF 2
FILED: JUNE 18, 2018**

64. Please refer to the Company's response to OPC interrogatory 1-15. Is the amount reflected only the cost of the items listed? If yes, please provide by type of costs the amount capitalized for each item listed so that the total matches the capitalized amount on Exhibit JSC-1, Document No. 1.

A. Yes, the company's response to interrogatory 15 of OPC's first set of interrogatories reflects only the cost of the items listed. The tables below for provide the total amount capitalized during Hurricane Hermine, Hurricane Matthew and Hurricane Irma.

Note: Tampa Electric did not incur any capital costs associated with TS Erika or TS Colin.

Hurricane Hermine

	Hurricane Hermine							
	Distribution		Transmission		Generation		Other	
	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity
Arrestors	1,426	48	0	0	0	0	0	0
Cable	1,392	1,105	0	0	0	0	0	0
Conductors	1,599	10,284	0	0	0	0	0	0
Cutout	2,108	38	0	0	0	0	0	0
Misc	42,095	10,345	0	0	0	0	0	0
Pole	8,467	34	0	0	0	0	0	0
Switch	878	4	0	0	0	0	0	0
Terminator	268	9	0	0	0	0	0	0
Transformers	40,763	33	0	0	0	0	0	0
Wire	300	3,120	0	0	0	0	0	0
Labor	68,183	0	0	0	0	0	0	0
Contractors	165,918	0	0	0	0	0	0	0
Material & Supply	22,963	0	0	0	0	0	0	0
Fleet	13,467	0	0	0	0	0	0	0
Equipment Rental	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
Total	369,827	25,020	0	0	0	0	0	0

**TAMPA ELECTRIC COMPANY
DOCKET NO. 20170271-EI
OPC'S THIRD SET OF
INTERROGATORIES
INTERROGATORY NO. 64
PAGE 2 OF 2
FILED: JUNE 18, 2018**

Hurricane Matthew

		Hurricane Matthew							
		Distribution		Transmission		Generation		Other	
		Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity
	Cutout	111	2	0	0	0	0	0	0
	Pole	140	1	0	0	0	0	0	0
	Labor	4,724	0	0	0	0	0	0	0
	Contractors	0	0	0	0	0	0	0	0
	Material & Supply	403	0	0	0	0	0	0	0
	Fleet	997	0	0	0	0	0	0	0
	Equipment Rental	0	0	0	0	0	0	0	0
	Other	0	0	0	0	0	0	0	0
	Total	6,374	3	0	0	0	0	0	0

Hurricane Irma

		Hurricane Irma							
		Distribution		Transmission		Generation		Other	
		Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity
	Arrestors	44,703	1,675	0	0	0	0	4,924	18
	Cable	39,934	47,710	0	0	0	0	8,854	10,961
	Conductors	36,418	131,159	0	0	0	0	4,209	461
	Conduit	33	60	0	0	0	0	728	223
	Cutout	79,695	1,433	0	0	0	0	222	4
	Lighting	127,401	696	0	0	0	0	402,907	828
	Misc	4,528	4,334	0	0	0	0	192,175	6,856
	Pole	105,737	414	0	0	0	0	17,609	97
	Relay	0	0	0	0	0	0	48,505	9
	Switch	28,261	114	0	0	0	0	2,122	15
	Switchgear	10,201	1	0	0	0	0	0	0
	Terminator	1,832	37	0	0	0	0	0	0
	Transformers	450,240	377	0	0	298,565	1	3,467	5
	Wire	0	0	0	0	0	0	2,378	4,567
	Covers/Lagging	0	0	0	0	297,011	26,880	0	0
	Pump Motor & Related	0	0	0	0	57,950	1	0	0
	Fire Panel	0	0	0	0	352	1	0	0
	Sea Wall	0	0	0	0	42	200	0	0
	Labor	621,807	0	0	0	284,000	0	605,471	0
	Contractors	207,048	0	0	0	3,890,000	0	145,303	0
	Material & Supply	138,602	0	0	0	152,091	0	181,426	0
	Fleet	121,545	0	0	0	0	0	42,672	0
	Equipment Rental	1,821	0	0	0	0	0	52,424	0
	Other	0	0	0	0	0	0	44	0
	Total	2,019,803	188,010	0	0	4,980,012	27,083	1,715,441	24,044

A F F I D A V I T

STATE OF FLORIDA)
)
COUNTY OF HILLSBOROUGH)

Before me the undersigned authority personally appeared, Mark Roche who deposed and said that he is a Manager, Rates, Tampa Electric Company, and that the individuals listed in Tampa Electric Company's response to OPC's Third Set of Interrogatories, (Nos. 49 – 64) prepared or assisted with the responses to these interrogatories to the best of his information and belief.

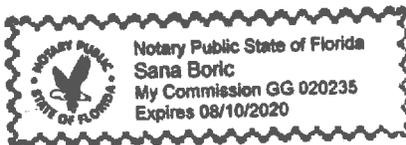
Dated at Tampa, Florida this 15 day of June, 2018.



MARK R. Roche

Sworn to and subscribed before me this 15th day of June, 2018.





My Commission expires _____