



City of Starke

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Jeff Johnson

CITY MANAGER
Bob Milner

January 4, 2018

Public Service Commission

Re: Docket No. 20170215-EU - Review of electric utility hurricane preparedness and restoration actions.

To Whom it may concern:

Please note that the City of Starke has incorporated the answers into the above requested document. Please contact me if you have any questions.

Regards,

Bob Milner
City Manager

COMMISSIONERS:
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DONALD J. POLMANN
GARY F. CLARK

STATE OF FLORIDA



OFFICE OF THE GENERAL COUNSEL
KEITH C. HETRICK
GENERAL COUNSEL
(850) 413-6199

Public Service Commission

December 18, 2017

STAFF'S SECOND DATA REQUEST
via email

To:

Duke Energy Florida, LLC (Matthew.Bernier@duke-energy.com, dianne.triplett@duke-energy.com)
Florida Power & Light Company (ken.rubin@fpl.com, kevin.donaldson@fpl.com)
Florida Public Utilities Company (bkeating@gunster.com)
Gulf Power Company (jastone@southernco.com, rab@beggslane.com)
Tampa Electric Company (jbeasley@ausley.com)
Municipal Group (AZubaly@publicpower.com)
Lee County (dennie.hamilton@lcec.net)
Cooperative Group (mhershel@feca.com)

Re: Docket No. 20170215-EU - Review of electric utility hurricane preparedness and restoration actions.

To Whom It May Concern:

By this letter, the Commission staff requests that each utility provide responses to the following data requests.

Underground Facilities

- For each year, please complete the following tables summarizing the number of miles of transmission and distribution underground facilities by county from 2006 through 2017.

Transmission			
Year 2006-2017			
County	Overhead to Underground	New Construction	Total Miles
Bradford – City of Starke	None	None	0

Distribution			
Year 2006-2017			
County	Overhead to Underground	New Construction	Total Miles
Bradford – City of Starke	None	None	0

Forensic Data

- 2. For Hurricanes Hermine, Matthew, Irma, Maria, and Nate, please provide a complete copy of the utility’s post-storm forensic review of damaged infrastructure. If a forensic review was not performed or not documented, please explain why. – **A forensic review was not required.**

Coordination

- 3. For Hurricanes Hermine, Matthew, Irma, Maria, and Nate, please provide the name, frequency, and description of non-Emergency Operations Centers related coordination efforts with local governments before, during, and after restoration, including the following.
 - a. Storm preparation – **The City of Starke storm preparation included a meeting of all departments with the City Manager. All departments then reviewed their assets and inventories to ensure they were prepared for the impending hurricane.**
 - b. Critical infrastructure – **Critical infrastructure facilities in the City of Starke include the Fire, Police, Utilities, Water and Sewer, Public Works, Gas & Right of Way.**
 - c. Tree trimming, planting or relocation of trees – **City of Starke departments trimmed all trees hanging over electrical power lines.**
 - d. Hardening and underground projects – **None**
 - e. Shared facilities – **None**
 - f. Other - **None**
- 4. Please complete the following tables on county and state Emergency Operations Centers staffing for Hurricanes Hermine, Matthew, Irma, Maria, and Nate.

Staffing for County Emergency Operations Centers - MATTHEW		
Number of Utility Personnel	Function	Total Man-Hours
14		1,120

Staffing for State Emergency Operations Center - IRMA		
Number of Utility Personnel	Function	Total Man-Hours
17		1344

Solar

5. Please provide the following information for utility interconnections with customer-owned solar generation that did not operate as designed and consistent with the tariff during the extreme weather events that occurred in 2015 through 2017.
 - a. The number of failures. – **N/A**
 - b. A description of the cause or causes of such failures. – **No conflict with customer-owned solar generation.**
 - c. Possible failure remediation and associated cost. – **N/A, as the City only has 3 solar customers.**
 - d. Discuss whether the failures contributed to an increase or decrease in the utility's service restoration time and, if possible, provide an estimate of the duration impact. – **N/A**
 - e. Discuss whether the failures contributed to an increase or decrease in the utility's service restoration costs and, if possible, provide an estimate of the restoration cost impact. – **N/A**
6. Please provide the following information for utility interconnections with customer-owned solar generation that operated as designed and consistent with the tariff during the extreme weather events that occurred in 2015 through 2017.
 - a. Discuss whether these interconnections contributed to an increase or decrease in the utility's service restoration time and, if possible, provide an estimate of the duration impact. – **No impact on utility service restoration time.**
 - b. Discuss whether these interconnections increased or decreased the utility's service restoration costs and, if possible, provide an estimate of the restoration cost impact. – **N/A**
7. Without compromising safety, are there changes to the utility's interconnection with customer-owned solar generation that would enable the customer's facilities to be energized by its solar generation should the utility be unable to provide electric service due to a future storm damaging utility infrastructure? –**No**
 - a. If yes, please provide the following information: **N/A**
 - Please describe the suggested changes to the utility's interconnection.
 - If the utility is not pursuing the interconnection changes please explain why.
8. Without compromising safety, please describe potential changes to a customer's facilities that the customer can implement to enable the customer's facilities to be energized by its

solar generation should the utility be unable to provide electric service due to a future storm event that damages utility infrastructure. Include in your response whether the utility makes it a practice to inform the customer of such options. – **Not aware of any options for our 3 solar customers.**

9. Without compromising safety, please describe any potential changes to rules or tariffs pertaining to utility interconnections with customer-owned solar generation that would enable the customer's facilities to be energized by its solar generation should the utility be unable to provide electric service due to a future storm event that damages utility infrastructure. – **Not aware of any needed changes to rules or tariffs.**
10. Please provide the following information for utility interconnections with utility-scale solar generation that did not operate as designed during the extreme weather events that occurred in 2015 through 2017.
 - a. The number of failures. – **None**
 - b. A description of the cause or causes of such failures. – **N/A**
 - c. Possible failure remediation and associated cost. – **N/A**
 - d. Discuss whether the failures contributed to an increase or decrease in the utility's service restoration time and, if possible, provide an estimate of the duration impact. – **N/A**
 - e. Discuss whether the failures contributed to an increase or decrease in the utility's service restoration costs and, if possible, provide an estimate of the restoration cost impact. – **N/A**
11. Please provide the following information for utility interconnections with utility-scale solar generation that operated as designed during the extreme weather events that occurred in 2015 through 2017.
 - a. Discuss whether these interconnections contributed to an increase or decrease in the utility's service restoration time and, if possible, provide an estimate of the duration impact. – **No Impact**
 - b. Discuss whether these interconnections increased or decreased the utility's service restoration costs and, if possible, provide an estimate of the restoration cost impact. – **None**

Please file all responses electronically no later than January 18, 2018 from the Commission's website at www.floridapsc.com, by selecting the **Clerk's Office** tab and **Electronic Filing Web Form**. Please contact me at wtaylor@psc.state.fl.us or at 850.413.6175

if you have any legal questions, or contact Emily Knoblauch for technical questions at eknoblau@psc.state.fl.us or at 850.413.6632.

Sincerely,

/s/Wesley Taylor

Wesley Taylor
Attorney

WDT/as

cc: Office of Commission Clerk
Office of Public Counsel (kelly.jr@leg.state.fl.us, sayler.erik@leg.state.fl.us)