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
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@southerncg.com, rab@begaeslame.com)  
Tampa Electric Company (jbeasley@ausley.com)  
Municipal Group (AZubaly@publicpower.com)  
Lee County (dennie.hamilton@lcec.net)  
Cooperative Group (mhtershelf@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**  
1. 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.  

<table>
<thead>
<tr>
<th>Transmission</th>
<th>Year 2006-2017</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>County</td>
<td>Overhead to Underground</td>
<td>New Construction</td>
</tr>
<tr>
<td>Bradford – City of Starke</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Distribution</td>
<td>Year 2006-2017</td>
<td></td>
</tr>
<tr>
<td>County</td>
<td>Overhead to Underground</td>
<td>New Construction</td>
</tr>
<tr>
<td>Bradford – City of Starke</td>
<td>None</td>
<td>None</td>
</tr>
</tbody>
</table>
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.

<table>
<thead>
<tr>
<th>Staffing for County Emergency Operations Centers - MATTHEW</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Number of Utility Personnel</strong></td>
</tr>
<tr>
<td>------------------------------</td>
</tr>
<tr>
<td>14</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Staffing for State Emergency Operations Center - IRMA</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Number of Utility Personnel</strong></td>
</tr>
<tr>
<td>------------------------------</td>
</tr>
<tr>
<td>17</td>
</tr>
</tbody>
</table>

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](http://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.eric@leg.state.fl.us)