

Below are the City of Mount Dora’s responses to the Public Service Commission 2nd request for information on hurricane response. The city of Mount Dora answered these questions base on hurricane Irma only as the other named storm did not affect the service area.

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 | | | |
| County | Overhead to Underground | New Construction | Total Miles |
| N/A | | | |
| | | | |

| Distribution | | | |
|--------------|-------------------------|------------------|-------------|
| 2009 | | | |
| County | Overhead to Underground | New Construction | Total Miles |
| Lake | 0 | 1.27 | 1.27 |
| | | | |

| Distribution | | | |
|--------------|-------------------------|------------------|-------------|
| 2016 | | | |
| County | Overhead to Underground | New Construction | Total Miles |
| Lake | 0 | .62 | .62 |
| | | | |

Forensic Data

- 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.

IRMA

Forensic review was not done. It was not necessary to perform a formal forensic review since a vast majority of the outages from damage was due to downed trees.

Coordination

- 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
- b. Critical infrastructure
- c. Tree trimming, planting or relocation of trees
- d. Hardening and underground projects
- e. Shared facilities
- f. Other

IRMA

Since we are a department of the City of Mount Dora City officials were intimately involved in all aspects of the restoration process before during and after the hurricane. The city of Mount Dora works closely with Lake County throughout the year in storm preparation.

- 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 IRMA | | |
|--|----------------------|-----------------|
| Number of Utility Personnel | Function | Total Man-Hours |
| 2 | Represent Mount Dora | 125.5 |
| | | |

| Staffing for State Emergency Operations Center | | |
|--|----------|-----------------|
| Number of Utility Personnel | Function | Total Man-Hours |
| None | | |
| | | |

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. **0**
 - 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**
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**
 - 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. **No impact**
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:
 - Please describe the suggested changes to the utility's interconnection.
N/A

- If the utility is not pursuing the interconnection changes please explain why. **N/A**

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.

Whether the customer could utilize their solar during a utility's outage depends on the customer's design of their solar infrastructure.

Does the design have the ability to serve the whole house?

Is a transfer switch with a visible open installed to isolate the customer from the utility?

The design of the customer's solar infrastructure is up to the customer, therefore we do not inform them of the options for solar installations.

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. **No proposed changes to 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 **N/A – No utility scale generation**

- a. The number of failures.
- b. A description of the cause or causes of such failures.
- c. Possible failure remediation and associated cost.

- 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.
 - 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.
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. **N/ A - No utility scale generation**
- 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.
 - 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.