Public Power in Florida

Mutual Aid and Storm Readiness

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www.publicpower.com
Profile

- 34 municipal electric utilities
- 1.3 million customer meters
- 14% of Florida’s population
- Large Utilities
  - JEA (Jacksonville): 404,000 customers
  - OUC (Orlando): 198,000 customers
  - Tallahassee: 113,000 customers
- Small Utilities
  - Moore Haven: 1,015 customers
- Combined, 3rd largest utility behind FPL and Duke Energy Florida
Florida Utilities’ Market Share

- Florida Municipal Electric Utilities: 14%
- Florida Electric Cooperatives: 10%
- Tampa Electric: 7%
- Gulf Power: 4%
- Duke Energy Florida: 17%
- Florida Power & Light: 48%
Florida’s Public Power Utilities

[Map of Florida with various cities marked]
Power Supply

♦ How do the small utilities generate power?
  – They don’t…

♦ Only 12 of 34 generate electricity

♦ Others purchase power from:
  – Florida Municipal Power Agency
    • 13 purchase all, 8 purchase some
  – Duke Energy Florida
  – TECO Energy
  – Florida Power & Light
  – Gulf Power
  – Glades Co-op
Mutual Aid – Many Options

- Florida mutual aid
- Southeastern mutual aid
- National mutual aid
Mutual Aid Agreements and Procedures

MUTUAL AID AGREEMENT

In consideration of the mutual commitments given herein, each of the Signatories to this Mutual Aid Agreement agrees to render aid to any of the other Signatories as follows:

1. Request for Aid. The Requesting Signatory agrees to make its request in writing to the Aiding Signatory within a reasonable time after aid is needed and with reasonable specificity. The Requesting Signatory agrees to compensate the Aiding Signatory as specified in this Agreement and in other agreements that may be in effect between the Requesting and Aiding Signatories.

2. Discretionary rendering of aid. Rendering of aid is entirely at the discretion of the Aiding Signatory. The agreement to render aid is expressly not contingent upon a declaration of a major disaster or emergency by the federal government or upon receiving federal funds.

3. Invoice to the Requesting Signatory. Within 90 days of the return to the home work station of all labor and equipment of the Aiding Signatory, the Aiding Signatory shall submit to the Requesting Signatory an invoice of all charges related to the aid provided pursuant to this Agreement. The invoice shall contain only charges related to the aid provided pursuant to this Agreement.

4. Charges to the Requesting Signatory. Charges to the Requesting Signatory from the Aiding Signatory shall be as follows:
   a. Labor force. Charges for labor force shall be in accordance with the Aiding Signatory’s standard practices.
   b. Equipment. Charges for equipment, such as bucket trucks, digger derricks, and special equipment used by the Aiding Signatory, shall be at the reasonable and customary rates for such equipment in the Aiding Signatory’s location.
   c. Transportation. The Aiding Signatory shall transport needed personnel and equipment by reasonable and customary means and shall charge reasonable and customary rates for such transportation.
   d. Meals, lodging and other related expenses. Charges for meals, lodging and other expenses related to the provision of aid pursuant to this Agreement shall be the reasonable and actual costs incurred by the Aiding Signatory.

5. Counterparts. The Signatories may execute this Mutual Aid Agreement in one or more counterparts, with each counterpart being deemed an original Agreement, but with all counterparts being considered one Agreement.

6. Execution. Each party hereto has read, agreed to and executed this Mutual Aid Agreement on the date indicated.

Date ____________  Entity ____________
By __________________________
Title __________________________

FMEA Mutual Aid Procedures

FMEA Mutual Aid Procedures

Before the Storm:
1. Check contact information. Make sure you have all contact information current in the FMEA Mutual Aid Directory.
2. Identify available crew.
   a. If the area is NOT predicted to be under a storm, tell the Storm Coordinator how many crews you have available for assistance.
3. After the Storm:
   a. Call a conference after the storm for storm cleanup.

Out-of-State Emergency Assistance:
If you are requesting emergency assistance from an out-of-state utility or contractor, the State Department of Transportation requires that you call ESF-2 (Emergency Operations Center) at (850) 224-3894 with the following information:
   a. Name of company traveling into Florida;
   b. Number of vehicles;
   c. Destination in Florida;
   d. Your contact information.

If you fail to supply this information, the trucks may be stopped at the border.

Reimbursement Guidelines:
If a storm, you have access to visit FMEA and call the mutual aid coordinator to offer your availability. Please identify your crew’s capabilities e.g., aerial, bucket trucks, equipment. In addition, identify the type of equipment you have been.

Directory Corrections and Changes:
The FMEA Mutual Aid Directory is updated throughout the year and updated to mutual aid agreements and FMEA contractions throughout the hurricane season. Visit the directory update site: FMEA, Florida Municipal Electric Association, Office Manager, Email: info@fmeapower.com, (850) 224-3894, ext. 3, or fax changes to (850) 224-3951.

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Mutual Aid Has Come from Near & Far...
# National Mutual Aid

## Tier 1: Utility Coordinator

### Steady State
- **0** No outages
  - Update contact and resources lists and communicate periodically with network coordinator.

### Local/State Mutual Aid Activated
- **2** Local/state event
  - Communicate needs and available resources to network coordinator.
  - Manage response within their utility.

### Regional Mutual Aid Activated
- **3** Regional event
  - Communicate needs and available resources to network coordinator.
  - Periodic updates of needs and resources as response proceeds.

### National Mutual Aid Activated
- **4** National event
  - Communicate needs and available resources to network coordinator.
  - Manage local response.

## Tier 2: Network Coordinator

### Steady State
- **0** No outages
  - Compile contact and resources lists from utilities within network.

### Local/State Mutual Aid Activated
- **2** Local/state event
  - None generally, but may assist with information as requested.

### Regional Mutual Aid Activated
- **3** Regional event
  - Assist identification of available resources.
  - May work with other network coordinators to mobilize needed resources.

### National Mutual Aid Activated
- **4** National event
  - Assist identification of available resources.
  - Work with other network coordinators and APPA to mobilize needed resources.

## Tier 3: National Coordinator (American Public Power Association)

### Steady State
- **0** No outages
  - Maintain mutual aid playbook and lists.

### Local/State Mutual Aid Activated
- **2** Local/state event
  - Maintain mutual aid playbook and lists.

### Regional Mutual Aid Activated
- **3** Regional event
  - Monitor conditions for possible escalation.
  - Monitor response to inform federal agencies.

### National Mutual Aid Activated
- **4** National event
  - Available to coordinate response.
  - Inform federal agencies.

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Preparation

♦ FMEA conducts pre-season preparation briefings with members

♦ Individual utilities conduct exercises, briefings and meetings to discuss their preparation

♦ Key feature: Municipal electric utilities coordinate with all city departments
Pole Replacement

♦ All municipal utilities have completed the first round of their 8-year inspection cycle.

♦ Since 2007, pole replacement has been in the range of 2-10%
Vegetation Management

- FMEA members generally on a 3-year trim cycle
- Our local governing boards and customers seek the improved aesthetics and reliability from a 3-year cycle
Public Outreach

♦ Prior to hurricane season most municipal electric utilities issue storm preparation guides
  – Available in print, distributed in bills, on websites

♦ Pre-storm presentations at public forums emphasizing preparedness and personal responsibility
Critical Infrasstructure

- Problem areas
  - None identified at this time
- Plans
  - Continuous improvement
  - Continuing overhead conversion to underground
    - Winter Park
    - Jacksonville Beach