Public Power in Florida

Mutual Aid and Storm Readiness

Barry Moline
Executive Director
Florida Municipal Electric Association
bmoline@publicpower.com  850-224-3314, ext. 1

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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
  - Bushnell: 1,147 customers
- Combined, 3rd largest utility behind FPL and Progress Energy
Florida Utilities’ Market Share

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

- Winter Park
- Reedy Creek
- Jacksonville
- Green Cove Springs
- Alachua
- Gainesville
- Starke
- New Smyrna Beach
- Ocala
- Leesburg
- Bushnell
- Reedy Creek
- Lakeland
- Moore Haven
- Clewiston
- Key West
- Lake Worth
- Homestead
- Vero Beach
- Ft. Pierce
- Ft. Meade
- Wauchula
- Bartow
- Kissimmee
- St. Cloud
- Winter Park
- Orlando
- Mt. Dora
- Jacksonville Beach
- Tallahassee
- Quincy
- Blountstown
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
    • 14 purchase all, 8 purchase some
  – Progress Energy
  – 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 other 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 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

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Mutual Aid Has Come from Near & Far…
Preparation

♦ FMEA conducts pre-season preparation briefings with members
♦ Individual utilities conduct exercises, briefings and meetings to discuss their preparation
♦ Key feature: Coordinate with all city departments
Pole Replacement

- Most 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
Hurricane Sandy

♦ Greatest problem: Logistics
  – Poor on-site management
♦ Our disaster management is at a more advanced stage
♦ Involved: JEA, Gainesville, Clewiston, Leesburg, Ocala, Homestead, Kissimmee, OUC, Lakeland, Key West
♦ No plans to modify storm preparedness
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 Infrastructure

◊ Problem areas
  – None identified at this time

◊ Improvements
  – Several small utilities have undergone complete system upgrades: Starke, Green Cove Springs, Blountstown

◊ Plans
  – Continuous improvement
  – Overhead conversion to underground
    • Winter Park & Jacksonville Beach
    • Opportunity to study impacts