

**Timolyn Henry**

060198

**From:** S. Denise Hill [dhill@publicpower.com]  
**Sent:** Wednesday, May 31, 2006 2:27 PM  
**To:** Filings@psc.state.fl.us  
**Subject:** Moore Haven Storm Preparedness  
  
**Attachments:** Moore Haven Storm Preparedness.doc



Moore Haven Storm  
Preparedness...

Dear Sir/Madam,

Attached is the Implementation Plan for Ongoing Storm Preparedness for the City of Moore Haven.

Thank you,

Denise

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**Ongoing Storm Preparedness  
City of Moore Haven Implementation Plan  
May 8, 2006**

**A. Introduction**

This is the Storm Preparedness report by the City of Moore Haven, the county seat of Glades County, Florida. For information contact:

Mr. Michael Jones  
Director of Public Works  
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Moore Haven is an inland community, 1 square mile, with a population of approximately 2000, serving 842 customers, located on the southwest shore of Lake Okeechobee. The city has limited resources with (1) journeyman lineman and (1) employee soon to begin his apprenticeship. The City has a total of 20 employees that make up City Hall, Electric, Water Plant, Water Distribution, Wastewater, Physical Environment, Parks and Recreation, Flood Control, Streets, Warehouse, and Code Enforcement. During 2004 we were affected by Hurricanes Jeanne and Frances with minor damage to our distribution system. The 2005 hurricane season brought us Wilma with severe damage to our distribution system.

**B. Three-Year Vegetation Management Cycle**

The City of Moore Haven continuously trims vegetation through the distribution system as time allows. Generally the entire system is trimmed in a 12 to 18 month cycle.

**C. Transmission and Distribution Geographic Information System**

Due to the limited resources available and small area, the City of Moore Haven does not use a Geographic Information System, automated or manual, for any of the city's utilities. The City plans to prepare a detailed distribution system map including all circuits, poles and equipment.

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**D. Wooden Transmission vs. Concrete Transmission Structures**

This section is not applicable to the City of Moore Haven – the City has no transmission system. The City of Moore Haven receives transmission service Glades Electric Cooperative.

**E. Post-Storm Data Gathering, Data Retention and Forensic Analysis**

Outages are reported to city hall where a hard copy work order is generated and passed on to the Electric lineman. The line man repairs and completes a daily work ticket recording time, equipment and materials. He notes the cause of the outage and repairs or replaces any materials necessary to avoid future outage at that location. If materials or time is not available, he plans accordingly. All outages are handled in the same manner regardless of hurricane damage or equipment failure. After Hurricane Wilma all outages occurred because of large trees on private property or high winds affecting poles in water saturated ground.

**F. Audit of Joint-Use Pole Attachment Agreements**

The City of Moore Haven continuously inspects pole attachments on city-owned poles.

We have not performed rigorous stress calculations on joint use poles because our small community only shares poles with a cable TV company. However, during the field inspections, our facilities are examined by knowledgeable field personnel to identify obviously overloaded poles. Furthermore, the City has not experienced any failures of poles due to overloading.

**G. Six-year transmission Inspection Program**

Moore Haven does not have any transmission facilities. The City of Moore Haven receives transmission service through Glades Electric .

**H. Collection of Outage Data Differentiating Between the Reliability Performance of Overhead and Underground Systems**

The City of Moore Haven does not differentiate between overhead and underground outages. Moore Haven is primarily overhead with one small sub-division having underground. Our work order system can currently provide the information of underground outages through utility billing addresses.

## **I. Coordination with Local Governments**

The City of Moore Haven is the county seat of Glades County. Due to financial restraints of all entities within Glades County, all entities share resources and not just during emergencies. Entities include Glades County Road Department, Glades County Sheriff, Glades County Emergency Management, Glades County Fire/EMS, and Glades County School Board. All coordinate on issues of public safety, vegetation management, debris clean up, and facilities maintenance. All entities have back up generators and Glades County Road Department has a fuel service truck that is used to fuel and service all generators within the county.

## **J. Collaborative Research Through the Public Utility Research Center (PURC) at the University of Florida**

Through our membership in the Florida Municipal Electric Association The City of Moore Haven participates in PURC activities related to storm hardening research.