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From: S. Denise Hill [dhill@publicpower.com]
Sent: Wednesday, May 31, 2006 2:24 PM
To: Filings@psc.state.fl.us
Subject: Havana Ongoing Storm Preparedness

Attachments: Havana Ongoing Storm Preparedness.doc



Havana Ongoing
Storm Preparedn...

Dear Sir/Madam,

Attached is the Implementation Plan for Ongoing Storm Preparedness for the Town of Havana.

Thank you,

Denise

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**Ongoing Storm Preparedness
Town of Havana Implementation Plan
May 15, 2006**

A. Introduction

This is the Storm Preparedness report by the Town of Havana, located in Gadsden County, Florida. For information contact:

Mrs. Susan Freiden
Town Manager
PO Box 1068
Havana, Florida 32333
850-539-2820
townmgr-havana@mchsi.com

Havana is an inland community not normally directly affected by hurricane strikes. During the 2004 and 2005 hurricane seasons, we experienced limited outages. Havana's distribution system covers approximately 4 square miles and is very compact. We serve 1,310 customer meters at this time. We have two new subdivisions under construction. Both subdivisions have underground electric.

Three-Year Vegetation Management Cycle

The Town of Havana trims 1/3 of its distribution system yearly.

B. Transmission and Distribution Geographic Information System

Havana's entire distribution system is mapped on paper. Since the system is very compact, at this time we do not have the system in a GIS database. However, 75% of our poles are newer than 12 years. We ride our entire distribution system at least monthly. We hope to, in the next few years, develop an electronic data base that tracks all poles including: type of pole, age, attachments by others (i.e., Bell South, Mediacom), equipment, etc. Currently, any work done on the poles is tracked by work order and this information is electronically stored.

C. Wooden Transmission vs. Concrete Transmission Structures

This section is not applicable to the Town of Havana – the Town has no transmission system. The Town of Havana receives transmission service through Progress Energy.

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D. Post-Storm Data Gathering, Data Retention and Forensic Analysis

Outage reports are generated for every outage on our system. The outage report requires the following information: cause of the outage, corrective actions taken, and any recommended action(s) to prevent a recurrence of the outage. These reports are Town records and retained accordingly. When major outage events occur, utility staff convenes to analyze the causes and recommend equipment and/or operational changes necessary to avoid similar outages in the future.

E. Audit of Joint-Use Pole Attachment Agreements

Havana currently audits pole attachments on Town-owned poles. This audit is done every two-three years by utility personnel.

We have not performed rigorous stress calculations on joint use poles, but are currently evaluating doing so. However, during the field audit, our facilities are examined by knowledgeable field personnel to identify obviously overloaded poles. Furthermore, the Town has not experienced any failures of poles due to overloading.

F. Six-year transmission Inspection Program

Havana does not have any transmission facilities. The Town of Havana receives transmission service through Progress Energy.

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

The Town of Havana does not currently differentiate between overhead and underground outages in collecting outage data. However, it would be a relatively easy matter to calculate separately for overhead and underground.

H. Coordination with Local Governments

The Town of Havana is the local government. However, we coordinate with Gadsden County and other municipalities in our area during times of approaching severe weather. We trim the trees around our electric distribution system annually.

I. Collaborative Research Through the Public Utility Research Center (PURC) at the University of Florida

The Town of Havana, through its membership in the Florida Municipal Electric Association and its involvement with Public Utility Research Center (PURC) at the University of Florida, participates in PURC activities related to storm hardening research.