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From: S. Denise Hill [dhill@publicpower.com]
Sent: Wednesday, May 31, 2006 2:20 PM
To: Filings@psc.state.fl.us
Subject: Bushnell Storm Preparedness Implementation Plan

Attachments: Bushnell Storm Preparedness Implementation Plan FINAL 0406.doc



Bushnell Storm
Preparedness Im...

Dear Sir/Madam,

Attached is the Implementation Plan for Ongoing Storm Preparedness for the City of Bushnell

Denise

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**Ongoing Storm Preparedness
City of Bushnell Implementation Plan
May 1, 2006**

A. Introduction

This is the Storm Preparedness report by the City of Bushnell, located in Sumter County, Florida. For information contact:

Mr. Bruce Hickle
Director of Utilities
PO Box 115
Bushnell, FL 33513
352-793-8012
bruhickle@yahoo.com

Bushnell is an inland community not normally directly affected by hurricane strikes. During 2004 we were affected by Hurricanes Jeanne and Francis with minor damage to our distribution system. We serve 1,132 customer meters.

B. Three-Year Vegetation Management Cycle

The City of Bushnell trims its entire distribution system on an annual cycle.

C. Transmission and Distribution Geographic Information System

Bushnell's entire distribution system is in a GIS database and we use an automated (electronic) mapping system to display the data. The database contains information on each pole including age of the pole, condition of the pole and equipment on the pole, type of pole, and any attachments to the pole. The database is routinely updated when work orders are performed on the distribution system.

D. Wooden Transmission vs. Concrete Transmission Structures

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

E. 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 City records and retained accordingly. When major outage events occur, utility staff convenes to analyze the causes and

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recommend equipment and/or operational changes necessary to avoid similar outages in the future.

F. Audit of Joint-Use Pole Attachment Agreements

Bushnell currently audits pole attachments on city-owned poles. This audit is done every 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 City has not experienced any failures of poles due to overloading.

G. Six-year transmission Inspection Program

Bushnell does not have any transmission facilities. The City of Bushnell receives transmission service through Progress Energy.

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

The City of Bushnell differentiates between overhead and underground outages in collecting outage data. Currently we calculate the various reliability indices (SAIDI, CAIDI, SAIFI, MAIFe, and L-Bar) for the system as whole and do not differentiate between overhead and underground. However, it would be a relatively easy matter to calculate each of the indices separately for overhead and underground.

I. Coordination with Local Governments

The City of Bushnell is the local government and we trim the trees of our entire electric distribution system annually.

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

The City of Bushnell, 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.