



ELECTRIC : *energy for life*

2011 Hurricane Preparedness

May 4, 2011



Florida Public Utilities Co. Info.

- Small IOU
- Small Service Territory
 - Northeast FL – Amelia Island
 - Northwest FL – Includes Part of Jackson, Calhoun and Liberty Counties
- Small Customer Base
 - Northeast FL – Approx. 15,000 Customers
 - Northwest FL – Approx. 13,000 Customers

Preparedness Agenda

- Facility Inspections
- Maintenance and Repairs
- Coordination With Other Utilities, Government and Community Groups
- Storm Hardening Measures
- Storm Recovery Plans
- Forensic Data Collection Plans
- Concerns
- Questions

Facility Inspections

- Wood Pole Inspections
 - Third Year of an Eight Year Cycle
 - 36% of All Poles Have Been Inspected
 - Priority of Replacing “Worst Poles First”
 - Replaced 216 Poles in 2010
 - Replaced 68 Poles so far in 2011
- Equipment Inspection
 - Substation
 - Line Devices
 - Underground Facilities

Maintenance and Repairs

- Vegetation Management
 - Three Year Cycle on Main Feeder Circuits
 - Six Year Cycle on Lateral Circuits
 - Annual Trim And Inspect Transmission System
- Northwest Maintenance
 - Substation Breaker Maintenance
- Northeast Maintenance and Repairs
 - Repaired Three Transmission Circuit Breakers
 - Distribution Relay Replacement (to be complete in June)
 - Feeder Along Beach to be Re-insulated in 2011
 - Add SCADA in 2011

Coordination with Other Utilities, Government and Community Groups

- Southeastern Exchange (SEE)
 - Participate in Mutual Assistance Activities
 - Make Available FPUC Crews For Restoration Assistance
- Public Utility Research Center (PURC)
- Southeastern Reliability Corp. (SERC)
- Florida Reliability Coordinating Council (FRCC)
- North American Electric Reliability Corp. (NERC)
- Calhoun, Jackson, Liberty, Nassau County EOC

Storm Hardening Measures

- Storm Hardening
 - Storm Hardening Projects
 - 2010 Completed Storm Hardening of Clinton St.
 - Converted OH to UG in Downtown Marianna
 - 2011 Storm Hardening Plan
 - Wood to Concrete Pole Replacement on Prison Feeder - NW
 - Waste Water Treatment Plant - NW
 - Hospital Feeder - NE
 - Continued Grade B New Construction
 - Design Facilities According to Extreme Wind Loading
 - Joint Use Pole Loading Audits
 - Transmission Hardening
 - Replacing Wood Poles with Concrete as Needed

Storm Recovery Plans

- Safety Emphasized As First Priority
- Update Emergency Procedures and Refresh Staff Prior to Storm Season
- Increased Storm Season Inventory
- Proactively Communicate With Staff Prior to Direct Impacting Storm
- Initiate Logistics Plan
 - Meals
 - Lodging
 - Fuel

Storm Recovery Plans

- Request Restoration Assistance Through SEE Affiliations and Contractor Alliances
- Activate Emergency Response Control Room
- Company Personnel Assigned to the Local EOC
- Direct Communication With Local Government Agencies

Forensic Data Collection Plans

- Prior to Storm
 - Alert Internal & External Team Members
 - Inform Team Of Personnel, Mobilization, Safety Procedures & Reporting Instructions
- After Storm Passes
 - Collect All Reportable Data
 - Complete PURC Forms
- OSMOSE Selected to Collect Forensic Data

Concerns

- Small Company With Limited Resources
 - Manpower
 - Inventory
 - Logistics
 - Forensic Contractor
- Direct Impact of Category 4 or 5 Storm
- Several Storms During a Season
- Single Storm Impacting Multiple Companies

Questions