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