



2012 Hurricane Preparedness

May 9, 2012





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 Reliability
- 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
 - Fourth Year of an Eight Year Cycle
 - 51% of All Poles Have Been Inspected
 - Priority of Replacing “Worst Poles First”
 - Replaced 215 Poles in 2011
 - Replaced 76 Poles so far in 2012
- Equipment Inspection
 - Assure Public Safety, Enhance Reliability
 - Transmission, Substation, Distribution
 - Inspection Cycles Vary by Equipment Type





Maintenance and Reliability

- Vegetation Management
 - Ongoing Three Year Cycle on Main Feeder Circuits
 - Ongoing Six Year Cycle on Lateral Circuits
 - Annual Transmission Line Inspection for Hot Spots
- Additional Projects
 - Completed Six Year Transmission Climbing Inspection
 - Completed Replacement of EM Relays with Microprocessor
 - Completed Feeder Coordination Study
 - Continue UG Cable Replacement
 - Re-insulate Along Coastal Roadway (2011 & 2012)
 - Replace Porcelain Terminators (2011 & 2012)





Coordination with Other Utilities, Government and Community Groups

- Southeastern Electric Exchange (SEE)
 - Participate in Mutual Assistance Activities
 - FPU Crews Participated in Restoration Efforts in 2011
- 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 Projects*

- ✓ Completed Wood to Concrete Pole Replacement on Prison Feeder.
- ✓ Completed Merritt's Mill Pond Crossing on Indian Springs Feeder.
- ✓ Began planning for replacement of 30 wood transmission poles.

* All projects designed in accord with storm hardening criteria.





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

- Contractor Collects Forensic Data
- Advance Notice of Storm
 - Alert FPU Forensic Data Collection Team Members
 - Inform Team Of Personnel, Mobilization, Safety Procedures & Reporting Requirements
- After Storm Passes
 - Collect Forensic Data
 - Complete PURC Forms





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 ?

