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
  – 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 ?