Gulf Power Company
2012 Storm Preparedness

Sharon Pinkerton
Project Services Manager
2012 Preparedness Activities

- Distribution and Transmission Assets
  - Facility Inspections
  - Maintenance and Repairs
  - Coordination Efforts
  - Storm Hardening Measures
  - Post Storm Recovery Plans
  - Forensic Data Collection Plans
  - Drills, Exercises, and Training
  - Areas of Concern
Distribution Activities

- Facility Inspections and Corresponding Maintenance and Repairs
  - Vegetation Management
    - Mainline Annual Trim Schedule (MATS)
      - Feeder maintenance – on 1/3 of the mainlines (3 year cycle)
      - On schedule to complete all 240 miles by June 1\textsuperscript{st}
    - Mainline Inspection and Correction Schedule (MICS)
      - Inspect and correct vegetation hazards on the other 2/3 of the mainlines annually
      - On schedule to complete all 477 miles by June 1\textsuperscript{st}
    - Scheduled Annual Lateral Trimming (SALT)
      - Lateral maintenance of ¼ of the lateral miles (4 year cycle)
      - 323 miles of the 1294 miles will be completed by year end
    - Distribution Lock-Out Report (DLOR)
    - Tree Gulf
Distribution Activities

- Facility Inspections and Corresponding Maintenance and Repairs
  - Pole Inspections
    - Completed 5th year of the 8 year inspection cycle in 2011
    - 726 poles identified for replacement will be completed by June 1st
    - Completed the 6th year of the 8 year inspections cycle in late 2011
    - 638 poles indentified for replacement
  - Infrared Inspections
    - Critical pieces of equipment such as reclosers, regulators, capacitors, and riser installations are evaluated
    - Inspections were completed on March 15th
    - Items were identified and prioritized for repair
      - 100% projected to be complete by June 1st
Distribution Activities

- Storm Hardening Measures
  - Vegetation Management
  - Pole Inspections
  - Extreme Wind Loading Projects
    - Focus continues on critical multi-feeder poles and facilities on major thoroughfares using Grade B construction standards with concrete poles
  - Grade B Construction
    - Normal construction design for both new installations and all upgrades and maintenance initiatives
Distribution Activities

- Forensic Data Collection
  - Contracted data collection to OSMOSE
    - Data collected in predetermined areas
    - Uses hand held computers loaded with Gulf’s infrastructure database to collect data only on damaged facilities
    - Will not slow down restoration efforts
  - Data will be supplied to KEMA to perform the analysis
  - On going refresher training
Distribution Activities

Cooperation Efforts

Communications with local EOCs

- 13 Gulf Power employees are assigned to EOCs throughout Northwest Florida during a storm event
- Company news releases delivered to the EOCs at least twice daily during a storm event
- Escambia County storm drill TBD
- Santa Rosa County drill scheduled for May 23rd
- Okaloosa County drill TBD
- Walton County drill TBD
- Bay County drill scheduled for May 21st
Distribution Activities

- **Coordination Efforts**
  - **Third Party Attacher Meetings**
    - Conducted February 29th in Panama City and March 2nd in Pensacola
    - Operational issues
    - Notification of work
    - Maintenance programs
    - Update contact information and work areas

- **Forestry Services**
  - Communications with members of the community and government officials concerning vegetation management projects, right-of-way maintenance, new construction projects, and company construction projects
Facility Inspections and Corresponding Maintenance and Repairs

Vegetation Management

- 230kV R/W Vegetation Inspection and Correction
  - Ground inspection patrols and correction of any vegetation hazards identified will be completed by June 1st (444 miles)

- 115kV R/W Vegetation Inspection and Correction
  - Ground inspection patrols in progress (1033 miles)
  - Vegetation hazards indentified will be corrected by year end

- 46kV R/W Vegetation Inspection and Correction
  - Ground inspection patrols in progress (113 miles)
  - Vegetation hazards indentified will be corrected by year end
Transmission Activities

- **Pole Inspections and Corresponding Maintenance and Repairs**
  - **Wood and Concrete Poles/Structures**
    - Ground line – 12 year cycle
    - Comprehensive walking climbing – 12 year cycle
    - Pole/Structure is visited every 6 years as programs run simultaneously
  - **Metal Structures**
    - Ground line – 18 year cycle
    - Ground line inspection – 18 year cycle
    - Comprehensive walking/climbing or helicopter – 18 year cycle
    - Pole is visited every 6 years as programs run simultaneously
  - **Aerial Patrols**
    - Four patrols conducted annually
Transmission Activities

- Storm Hardening Measures
  - Installation of guys on H-frame structures
    - Guy installations are on scheduled to be completed by year end
    - Year 5 of a 5 year program
  - Replacement of wooden cross arms with steel cross arms
    - Cross arm replacements are on schedule to be completed by year end
    - Year 5 of the 10 year program
Distribution and Transmission

PRIDE IN THE SYSTEM

- **Post Storm Recovery Plans**
  - 2012 Storm Procedures have been updated
  - Apply to any natural disaster
  - Mutual Assistance
    - Southeastern Electric Exchange (Logistics subcommittee)
    - Southern Company affiliate
    - Contractors
  - Contracts and arrangements are in place for food, accommodations, staging sites, and transportation needs
  - Material inventory levels are increased during storm season

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**GULF POWER**

A SOUTHERN COMPANY

**The Journey Never Ends**

**SAFE ACTS ZERO**
Drills and Training

- Annual storm drill held on May 1, 2012
- Refresher training ongoing
  - HAZWOPER
  - Substation Team Leader responsibilities
  - Evaluator I and II
  - Driver
  - Accountant
  - Logistics

- Every employee has been notified of his/her storm assignment

Employee awareness

- New employee orientation
Distribution and Transmission

- **Areas of Concern**
  - Multiple events
    - People
    - Materials
  - Decline in available resources
Summary

- Gulf Power is fully prepared
  - Distribution and Transmission storm hardening initiatives
  - Communications within the communities we serve with government officials, third party attachers, and our customers
  - Build on past experience both on system and off system
QUESTIONS?