



Personal
Responsibility
Initiative
Design
Excellence

Gulf Power Company 2012 Storm Preparedness

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2012 Preparedness Activities



PRIDE IN THE SYSTEM

- **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

PRIDE IN THE SYSTEM

➤ 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 1st

➤ 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 1st

➤ 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

PRIDE IN THE SYSTEM

- **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 identified 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

PRIDE IN THE SYSTEM

- **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



PRIDE IN THE SYSTEM

➤ **Forensic Data Collection**

➤ **Contracted data collection to OSMOSE**

- Data collected in predetermined areas
- Uses hand held computers loaded with Gulf's infrastructure data base 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



PRIDE IN THE SYSTEM

➤ Coordination 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



PRIDE IN THE SYSTEM

➤ 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





Transmission Activities

PRIDE IN THE SYSTEM

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





Transmission Activities

PRIDE IN THE SYSTEM

- **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



PRIDE IN THE SYSTEM

➤ Storm Hardening Measures

- Installation of guys on H-frame structures
 - Guy installations are on schedule 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

Distribution and Transmission



PRIDE IN THE SYSTEM

➤ 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



PRIDE IN THE SYSTEM

➤ Areas of Concern

- Multiple events
 - People
 - Materials
- Decline in available resources





Summary

PRIDE IN THE SYSTEM

- **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



PRIDE IN THE SYSTEM

QUESTIONS?

