

Tampa Electric Company 2010 Hurricane Season Preparation

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Hurricane Preparedness Briefing

- System Infrastructure
- Pre-Storm Preparation
- Coordination

System Infrastructure

- Wood Pole Inspections
- Ten Point Plan Initiatives
- Three Year Storm Hardening Plan



System Infrastructure

Wood Pole Inspections

- Transmission and Distribution
 - One-Eighth of System Each Year
 - Includes Wind Loading Analysis
 - Reinforcements & Repairs



System Infrastructure

Ten Point Plan Initiatives

- Vegetation Management
 - Three Year Vegetation Management
 - Feeder and Laterals



System Infrastructure

Ten Point Plan Initiatives

- Transmission Inspections
 - One, Six and Eight Year Cycles
- Transmission Hardening
 - New Construction and Maintenance

System Infrastructure

Ten Point Plan Initiatives

- Joint Use Coordination
- Completed Implementation of New GIS
- Joint Research Projects with PURC
- Forensics

System Infrastructure

Three-Year Storm Hardening Plan

- Distribution Construction Standard - NESC Grade B
- Transmission Design
 - Extreme Wind for All Transmission
 - Higher Standard for All 230 kV

System Infrastructure

Three-Year Storm Hardening Plan

- Extreme Wind Pilot Hardening Projects
 - Saint Joseph's Hospital
 - Port of Tampa



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System Infrastructure

Three-Year Storm Hardening Plan

- Convert Overhead Distribution Interstate Crossings to Underground
- Completed Conversion of Lois Ave 4kV
- Network Protectors Inspected, Tested, and Repaired
- Underground Construction – Stainless Steel

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Pre-Storm Preparation

- 2009 Mock Storm Follow-up
- Incident Base Review
- Team Member Preparation
 - Emergency Role Assignment
 - Personal Preparation

Pre-Storm Preparation

- Material Inventory Review
- 2010 Internal Mock Storm Exercises
- External Preparation Activities

Hurricane Preparedness Briefing

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- Coordination

Coordination

- Local Governments
 - Emergency Planners
 - First Responders
- Public

Coordination

- Utility System Restoration Providers
 - Contractors
 - Southeastern Electric Exchange

Summary

- Ready for Storm Season!
 - System
 - People
 - Relationships