Tampa Electric Company
2010 Hurricane Season Preparation

T.J. Szelistowski
Director, Energy Delivery
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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

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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
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
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
Hurricane Preparedness Briefing

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- Coordination
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

- System Infrastructure
- Pre-Storm Preparation
- 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