Tampa Electric Company
2016 Hurricane Season Preparation

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Hurricane Preparedness Briefing

- System Infrastructure
- Pre-Storm Preparation & Coordination
- Areas of Concern
System Infrastructure

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

- Wood Pole Inspections
  - Inspect the Entire System every Eight Years
  - Repair, Reinforce or Replace
  - Pole Loading Analysis
System Infrastructure

- Ten Point Plan Initiatives
  - Vegetation Management
    - Four-Year Trimming Cycle of the Distribution System
  - Joint Use Attachers / Audit
  - Transmission Inspections
    - One & Eight-Year Cycles
System Infrastructure

- Ten Point Plan Initiatives (cont’d)
  - Transmission Hardening
    - New Construction and Maintenance
  - Post-Storm Forensic Data Collection
  - UG and OH Performance Data Collection
System Infrastructure

- Ten Point Plan Initiatives (cont’d)
  - Coordination with Local Governments
  - Disaster Preparedness and Recovery Plan
System Infrastructure

- Three-Year Storm Hardening
  - Grade B Construction for Distribution
  - Extreme Wind for Transmission
  - Extreme Wind + for 230 kV Transmission
  - Non-wood Construction for Transmission
  - Conversion of Overhead Distribution Interstate Crossings to Underground
  - Network Protectors Inspected, Tested and Repaired
  - Underground Construction – Stainless Steel
  - Submersible Switchgear Deployment
System Infrastructure

- Three-Year Storm Hardening (cont’d)
  - Storm Hardening Projects
    - Submersible Switchgear Downtown Tampa Distribution Network, Tampa International Airport (2015)
Hurricane Preparedness Briefing

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Pre-Storm Preparation & Coordination

- Mock Storm Exercise
- Priority Customers and Circuits Review
  - Priorities 1-5
- Storm Readiness Programs
- AEIC Storm Restoration Committee
- Review of Storm Plan by Davies Consulting
Pre-Storm Preparation & Coordination

- Storm Plan Improvements
  - Damage Assessment Tool Implementation
  - 2-man Cut & Clear Crews
  - Damage Isolation Forms for OMS
  - Estimated Time for Restoration (ETR)
  - De-energize Downtown Network
  - Use of Twitter and Facebook
- Material Inventory Review
- Restoration Providers
  - Southeast Electric Exchange
  - Native Contractors
Hurricane Preparedness Briefing

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- Areas of Concern
Areas of Concern

- Vulnerability to Storm Surge
- Resource Availability
- Catastrophic Storm
Summary

- Storm Ready
  - System
  - People
  - External Relationships and Contracts