FPSC Hurricane Preparedness Workshop
May 19, 2020

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Topics of Discussion

• Storm Preparation / Restoration Processes
• Outreach and Communications
• Vegetation Management
• Pole Inspections
• 2020 Challenges and Lessons Learned (Pandemic Event)
Storm Preparation

• **Implementation of Best Practices**
  – Drills / Mutual Aid opportunities

• **2020 Storm Drill will be combined with FPL**
  – Scheduled the week of June 22\textsuperscript{nd}
  – Scenario will be a hurricane that impacts both FPL and Gulf’s service areas in conjunction with a pandemic event

• **Participate in County and State Drills**
• **Review of all vendor contracts**
• **Increase materials and fuel inventory levels**
• **Ongoing refresher training**
Restoration Processes

- **Engage Mutual Assistance**
  - Southeastern Electric Exchange (SEE)
  - Edison Electric Institute (EEI)
  - Agreements within the state
  - NextEra affiliate

- **Damage Assessment / Crews begin restoration**
- **Establish ETRs**
- **Communication**
- **Critical Infrastructure/Largest number of customers**
- **Adjust resources**
- **Safety**
Restoration Processes (cont.)

Forensic Data Collection

• **Distribution**
  – Partner with a third party to assist with data collection
  – Data transfer tested annually
  – Does not slow down restoration efforts
  – Post-analysis and reporting

• **Transmission**
  – Initial collection of data conducted during aerial patrols
  – On-site details collected by engineering personnel
  – Post-analysis and reporting
Restoration – Off-System Support

• **Hurricane Dorian (Aug 2019)**
  – Assisted Florida Power & Light Company

• **Tornadoes (October 2019)**
  – Assisted Oncor (TX)

• **Southeast Tornadoes (April 2020)**
  – Assisted Alabama Power Company
Customer Outreach and Communication

• **Continue to focus on customer communication before, during, and after any event**

• **Provide multiple channels to stay in touch with customers:**
  - News releases
  - Website
  - Social Media
  - Outage Map
  - Mobile App
  - Text Alerts
  - Mobile Command Center
Stakeholder Outreach and Communication

- **Third-Party Attachers and Joint Use Partners**
  - Continue to meet bi-annually with over 20 entities (telecom, cable, etc.)
- **Forestry Services**
  - Communicate with members of the community and government officials
  - Right Tree Right Place
- **Meet with local governments throughout the year**
- **Work with entities such as FHP, FDOT and local law enforcement**
- **Utility representatives man County and State EOCs during emergencies**
Vegetation Management

- **DISTRIBUTION**
  - Feeders: 3 year cycle
    -- 777 miles annually
  - Laterals: 4 year cycle
    -- 1,257 miles annually
  - Right-of-Way Acquisition Program
    -- 15 ft. clearing; 150 miles acquired & trimmed (since 2016)

- **TRANSMISSION**
  - Inspect and Correct
  - Meet mandatory NERC-established requirements
  - 1,600 miles annually
Inspections Programs

• **DISTRIBUTION (8-Year Cycle)**
  – ~26,000 pole inspections annually
    -- 2019 – 25,898 inspected
    -- 614 poles replaced
  – Infrared inspections of equipment conducted annually for mainline feeders

• **TRANSMISSION (6-Year Cycle)**
  – ~3,000 structures inspected annually
    -- 2019 - 3,674 wood structure inspections
    -- 2019 - 513 metal structure inspections
  – Aerial Patrols
    -- 2019 - Two patrols conducted of entire transmission system
2020 Challenges and Lessons Learned (Pandemic Event)

Update to Business Continuity Plans and Storm Restoration Manual as a result of COVID-19

• Mutual Assistance during a pandemic
  – Smaller teams
  – Social distancing
  – One person occupancy of rooms
  – Limited contact with requesting utility

• Internal Operations during a pandemic
  – Split staff for Command Center
  – Thermal Scanning for arriving crews and daily checks
  – Smaller staging sites to maintain social distancing
  – Additional cleaning protocols and supplies
  – Food prep and delivery

• Incorporate SEE/EEI pandemic guidelines
Questions?