2013 Hurricane Preparedness

April 3, 2013
Preparations

FPL’s Hurricane Preparedness Plan

- Continue to strengthen the infrastructure
- Prepare the storm organization
- Refine the restoration plan
- Increased communications
Continue to Strengthen the Infrastructure

Distribution Hardening

• Continue three-prong approach
  – CIF projects
  – Community projects
  – EWL design guidelines
Continue to Strengthen the Infrastructure

Transmission Hardening

- Replace all wood structures
- Replace ceramic post insulators on concrete structures
Continue to Strengthen the Infrastructure

**Distribution Pole Inspections**

- FPL owns over 1.1 million poles
- Inspect at least one-eighth of its distribution poles
- Complete first 8-year cycle in 2013
Continue to Strengthen the Infrastructure

Transmission Pole Inspections

• 66,000 structures system-wide

• On-going six-year cycle

• On-schedule

• Inspect all critical 500kV lines and facilities serving CIF
Continue to Strengthen the Infrastructure

**Distribution Vegetation Management**

- Feeders - three-year average trim cycle
- Laterals - six-year average trim cycle
- Clear vegetation on all feeders serving critical infrastructure facilities
- Encourage “Right Tree - Right Place”
Continue to Strengthen the Infrastructure

**Transmission Vegetation Management**

- Clear 100 percent of transmission right-of-way each year
Prepare the Storm Organization

Annual Preparations

• Roles identified and staffed
• Training updated
• Training conducted
• Forensic teams ready
Refine the Restoration Plan

• Safely restore in shortest time

• Resource plans in place
  – Logistics
  – Foreign utilities & contract crews
  – Inventories

• Continue ICS integration
Enhance Communications

• FPL / County EOC meetings

• Governmental & community communications
Hurricane Sandy – Assistance to Utilities in NE

• FPL assisted for 20 days

• Supported ConEd, PSE&G, AEP, First Energy, Pepco, PECO, BG&E, PPL, Dominion, National Grid, Northeast Utilities

• Crews, planning and logistics support

• Lessons learned
Areas of Concern or Vulnerability

- Hardening - multi-year effort
- Multiple storms
- Catastrophic storms
- Resource availability
Hurricane Preparedness Plan

Summary

• **Infrastructure strengthened**
  – Hardening; Pole inspections; Vegetation

• **Organization prepared**
  – Trained and ready

• **Restoration plan tested & refined**
  – Lessons learned; Technology; Forensics

• **Increased communications**