2010 Hurricane Preparedness

May 17, 2010
2010 Preparations

FPL’s Hurricane Preparedness Plan

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

**Distribution Hardening**

- **Continue 3-Prong approach**
  - EWL projects (CIF/Critical Poles)
  - Community Projects
  - New 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
- Inspecting 1/8 of poles each year
- On-schedule - first cycle 47% complete
Continue to Strengthen the Infrastructure

Transmission Pole Inspections

• 65,000 structures system-wide

• On-going 6-year cycle

• Ahead-of-schedule - first cycle 84% complete

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

**Distribution Vegetation Management**

- Feeders - 3-year average trim cycle
- Laterals - 6-year average trim cycle
- Clear Top CIF
- Encourage “Right Tree - Right Place”
Continue to Strengthen the Infrastructure

Transmission Vegetation Management

• Clear 100% 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

• **Complete ICS implementation**
Enhance Communications

- FPL / County EOC meetings
- Governmental & community communications
- Estimated restoration times
Areas of Concern or Vulnerability

- Hardening - Multi-Year Effort
- Multiple Storms
- Catastrophic Storms
- Insufficient Resources
Summary

- **Infrastructure strengthened**
  - Hardening; Pole inspections; Vegetation

- **Organization prepared**
  - Trained and ready

- **Restoration plan tested & refined**
  - Lessons learned; Technology; Forensics

- **Communications enhanced**
  - Better information