2011 Hurricane Preparedness

May 4, 2011
2011 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
  - EWL projects
  - 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
- Inspect at least one-eighth of its distribution poles
- On-schedule
Continue to Strengthen the Infrastructure

Transmission Pole Inspections

- 66,000 structures system-wide
- On-going six-year cycle
- Ahead-of-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 near top 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 implementation**
Enhance Communications

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

- Hardening - multi-year effort
- Multiple storms
- Catastrophic storms
- Insufficient resources
Hurricane Preparedness Plan 2011

Summary

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

- **Organization prepared**
  - Trained and ready

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

- **Increased communications**