



# Turkey Point Units 6 & 7 Status Update

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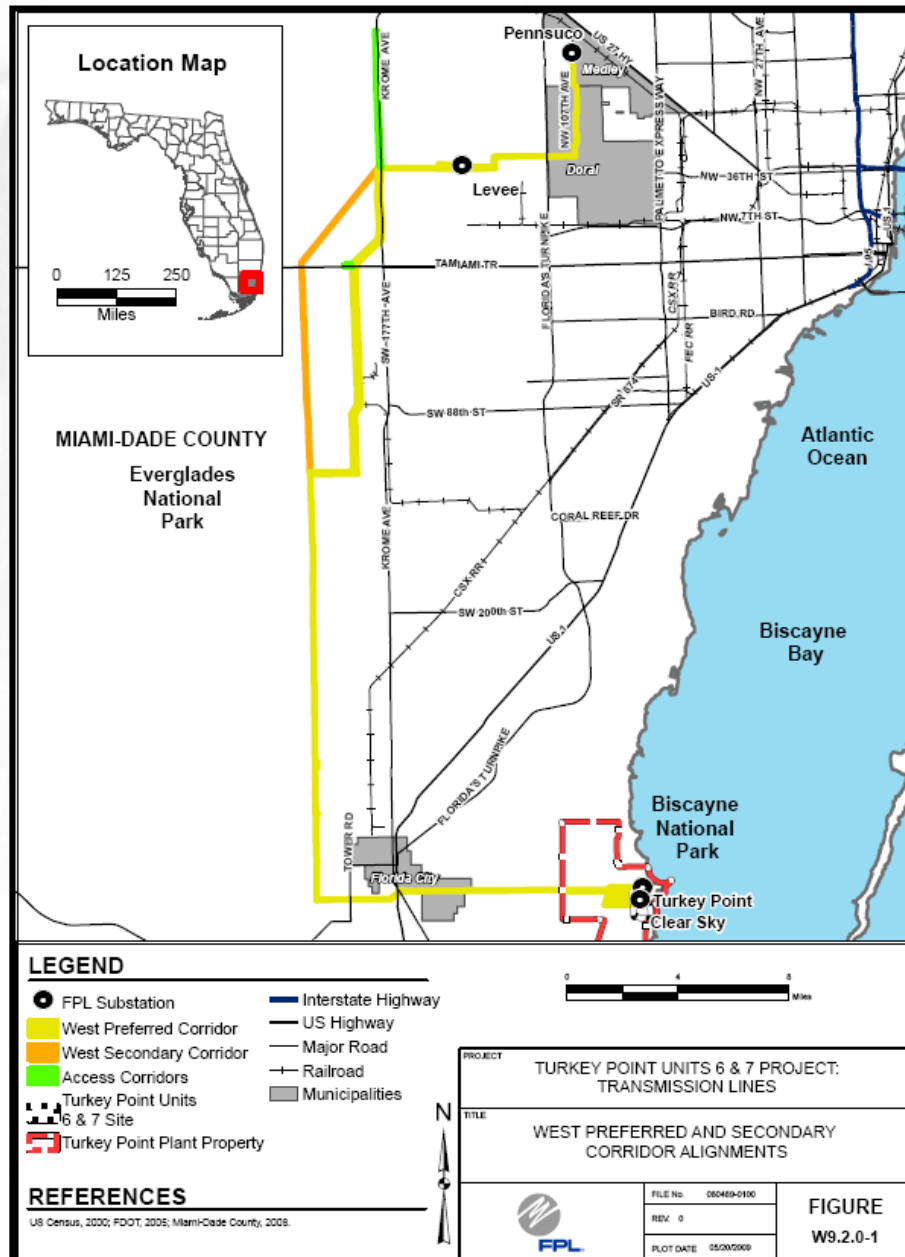
# Power Plant Expansion Components

## Plant & Associated Facilities

- Plant (2 reactors, steam generators, cooling towers and other facilities)
- Reclaimed water pipeline
- Reclaimed water treatment facility
- Radial Collector wells and delivery pipelines
- Construction access roads & bridge
- Buildings and parking
- Potable water pipeline
- Equipment barge unloading area
- New Substation

## Transmission Lines

- FPL's Preferred West Corridor
- FPL's Secondary West Corridor
- Two corridor access roads
- Substation expansion
- FPL's Preferred East Corridor









# Power Plant Review Responsibilities

*The water management district shall prepare a report as to matters within its jurisdiction, including but not limited to, the impact of the proposed electrical power plant on water resources, regional water supply planning, and district-owned lands and works.*

Power Plant Siting Act 403.507, F.S.

## Areas of Review

- Consumptive water use permitting requirements
- Regional water supply planning
- Comprehensive Everglades Restoration Plan, other SFWMD plans and projects, and other regional restoration initiatives
- Operation and maintenance of regional water management system
- SFWMD Right-of-way occupancy permitting requirements
- Management of SFWMD owned lands
- Operation and maintenance of SFWMD communications system



## Plant & Associated Facilities

- **FPL preparing responses to FDEP's 4<sup>th</sup> determination of incompleteness**
- ***December 15, 2010* FPL to submit completeness responses**
- ***February 28, 2011* SFWMD submits completeness recommendation to FDEP**
- ***March 2011* FDEP 5<sup>th</sup> completeness determination issued**





## Transmission Lines

- ***November 3, 2010*** SFWMD submits completeness recommendation
- ***November 10, 2010*** FDEP issues 7<sup>th</sup> completeness determination
- ***January 14, 2011*** Deadline for parties to file alternate corridors
- ***February 16, 2011*** SFWMD submits its Agency Report to FDEP on FPL proposed corridors
- ***February 28, 2011*** FDEP issues its Project Analysis on FPL proposed corridors

Completeness



Agency  
Report



Certification

## Hearings and Public Meetings\*

- **Miami-Dade County Land Use Hearing**
- **Land Use Hearing by Administrative Law Judge (ALJ) (*assumes petition filed by substantially affected person is accepted*)**
- **Local Government and Agency Meetings on Agency Reports**
- **Siting Board (*Governor and Cabinet*) Hearing on Land Use Consistency**
- **Site Certification Hearing and Public Meetings held by ALJ**
- **Certification Hearing by Siting Board (*Governor and Cabinet*)**

*\*Revised schedule with new dates in 2011 to be filed by FPL in October 2010.*







# Potential Power Plant Issues

Item	Question
Radial Wells (Backup)	What are the potential impacts to ground water quality, CERP, and Biscayne Bay?
Wetland Mitigation Proposals	Are they viable? Are they consistent with CERP?
Sea Level Rise	Has FPL fully considered the potential impacts of sea level rise in the siting and design of the proposed facilities?
Power Plant Construction Activities	What are the potential impacts from plant construction activities (power block dewatering, wastewater discharges, barge canal dredging) on groundwater quality and Biscayne Bay?
Roadway Improvements	What are the potential impacts to CERP and management of District lands within the Model Land Basin?
Reclaimed Water Pipeline	What are the potential impacts to CERP and District O&M activities?



# Potential Transmission Line Issues

Item	Question
Hydroperiod Restoration	How will construction of proposed access roads and structure pads be consistent with CERP and other projects?
Wading Birds including Wood Storks	How will the proposed transmission line facilities be designed, constructed, operated and maintained to be consistent with CERP?
SFWMD Communication Systems	How will the proposed transmission line facilities be designed, constructed, operated and maintained to avoid interference with SFWMD telemetry and other communications systems?
SFWMD Operation and Maintenance	How will the proposed transmission line facilities be designed, constructed, operated, and maintained to avoid or minimize adverse impacts to the District's infrastructure and O&M activities?



Questions?