



March 3, 2008

Ms. Ann Cole
Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Blvd.
Tallahassee, FL 32399-0850

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COMMISSION
CLERK

Re: Docket No. 060198-EI
Order No. PSC-07-0468-FOF-EI

Dear Ms. Cole:

Enclosed please find Florida Power & Light Company's status report filed in compliance with the above referenced order.

If you should have any questions, please feel free to contact me at (850)521-3900.

Sincerely,

Natalie Smith
Director, Regulatory Relations

CMP _____

COM _____

CTR _____ NS/nn

ECR _____ cc: Maria E. Antonatos, City of North Miami

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**FPL/North Miami Vegetation Status Report
March 3, 2008**

In compliance with FPSC Order No.PSC-07-0468-FOF-EI, below is FPL's 2007 Vegetation Management status report for the City of North Miami which includes (i) an information package containing historical and projected vegetation management activity and related reliability performance, both for the City and system-wide, (ii) an explanation of how FPL's proposed changes to its vegetation management program will impact the City and the storm resilience of the electrical system serving the City, and (iii) documentation summarizing FPL's actions to improve communications with the City.

(i) Vegetation Management Activity

North Miami Feeders

- Continue with 3 year average feeder trim cycle - All feeders are scheduled to be cleared at least one time (approximately 85 feeder circuit miles) during any 3 year period, resulting in an average trim cycle less of than 3 years.
- All 6 North Miami Critical Infrastructure Facilities (CIF) feeders (approx. 20 miles) are "hot spot" or trimmed for storm preparedness by June 1st of each year.
- Additional hot spot and mid-cycle trimming is performed as necessary to maintain reliability.
- Actual miles trimmed in 2007 met plan.
- 2008 planned miles are increased due to circuit trimming acceleration to ensure vegetation-related reliability.

Feeder Miles Trimmed – North Miami

	<u>Historical</u>	<u>Planned</u>
2005	30	
2006	27	
2007	36	
2008		43

Feeder Miles Trimmed – System

	<u>Historical</u>	<u>Planned</u>
2005	3,333	
2006	5,955	
2007	4,454	
2008		4,421

North Miami Laterals

- Continue implementation of 6 year average lateral trim cycle in 2008.
- 48 of 160 lateral circuit miles are scheduled during 2008. This is a 37% increase from 2007. Circuits are scheduled based on reliability and last timed trimmed (trim age).
- Average lateral trim age was reduced from 7.6 years to 7.0 years after 2007 trimming was completed.
- Actual miles trimmed in 2007 met plan.
- 2008 planned miles are increased due to circuit trimming acceleration to ensure vegetation-related reliability.

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**FPL/North Miami Vegetation Status Report
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Lateral Miles Trimmed – North Miami

	<u>Historical</u>	<u>Planned</u>
2005	5	
2006	0	
2007	19	
2008		48

Lateral Miles Trimmed – System

	<u>Historical</u>	<u>Planned</u>
2005	1,110	
2006	810	
2007	2,215	
2008		2,007

Mid-cycle Hot Spot Trimming (Feeders)

Mid-cycle Miles Trimmed – North Miami

	<u>Historical</u>	<u>Planned</u>
2005	39	
2006	39	
2007	29	
2008		10

Mid-cycle Miles Trimmed – System

	<u>Historical</u>	<u>Planned</u>
2005	2,277	
2006	4,154	
2007	5,270	
2008		4,000

Note: 2008 planned mid-cycle miles lower for both North Miami and the System due to an increase in maintenance trimming.

Reliability Performance

	<u>N Miami</u> <u>2007(1)</u>	<u>FPL System</u> <u>2007</u>	<u>U.S. (EEI)</u> <u>2006(2)</u>
<u>Overall Reliability Indicators</u>			
SAIDI	96.8	73.2	136.2
SAIFI	1.5	1.21	1.12
CAIDI	64.6	60.3	119.6

(1) 2007 reliability results for North Miami, compared to 2006, primarily due to 8 additional feeder interruptions - 4 due to vehicle accidents, 3 due to weather (e.g., lightning) and 1 due to an animal. There were no feeder outages resulting from vegetation.

(2) 2007 EEI info not available until late 2008.

Vegetation Related Indicators

	<u>N Miami</u> <u>2007</u>	<u>FPL System</u> <u>2007</u>	<u>U.S. (EEI)</u> <u>2006(2)</u>
Vegetation Outages vs. Total Outages (%)	10%	12%	18%
Vegetation CI vs. Total CI (%)	2%	9%	N/A
Vegetation SAIFI	0.03	0.11	N/A

(ii) Impact of Vegetation Management changes on North Miami

From the information provided above, the continued implementation of a 6 year average lateral tree trimming program is resulting in increased levels of trimming for the City. FPL's line clearing analysis is not specific to a county or city, however, increased tree trimming should result in improved vegetation-related reliability, both on a day to day as well as storm reliability basis.

(iii) Actions to Improve Communications with North Miami

FPL has assigned representatives from its External Affairs and Customer Services organizations that routinely interface with City of North Miami officials (e.g., City Council, the City Manager, and Public Works representatives) to work with the City on various issues of mutual concern. Additionally, representatives from FPL's Vegetation Management Dept. interface with the City's representatives regarding line clearing activities and other City/FPL customers concerns and issues as they arise and provide various levels of customer outreach prior to conducting scheduled line clearing maintenance, including providing written notification approximately two weeks prior to the beginning of line clearing work on power lines serving a customer and personal notification if work is required on a customer's property.

In addition to the day-to-day communication activities described above, FPL has plans in place to meet with the City Manager and other designated City staff twice a year to provide information on current vegetation management current activities and future vegetation plans. On February 5, 2008, FPL met with the City Manager and his staff and provided them with a status on all work completed in 2007 and 2008 planned activities within the City. In addition, a follow-up letter summarizing this information was mailed to the City's elected officials.