#### FLORIDA PUBLIC SERVICE COMMISSION

#### **VOTE SHEET**

#### **December 4, 2007**

**Docket No. 070297-EI** – Review of 2007 Electric Infrastructure Storm Hardening Plan filed pursuant to Rule 25-6.0342, F.A.C., submitted by Tampa Electric Company.

**Docket No. 070298-EI** – Review of 2007 Electric Infrastructure Storm Hardening Plan filed pursuant to Rule 25-6.0342, F.A.C., submitted by Progress Energy Florida, Inc.

**Docket No. 070299-EI** – Review of 2007 Electric Infrastructure Storm Hardening Plan filed pursuant to Rule 25-6.0342, F.A.C., submitted by Gulf Power Company.

**Docket No. 070301-EI** – Review of 2007 Electric Infrastructure Storm Hardening Plan filed pursuant to Rule 25-6.0342, F.A.C., submitted by Florida Power & Light Company.

### DOCKET NO. 070297-EI – TAMPA ELECTRIC COMPANY

**Issues 1-13** are stipulated issues shown in Appendix 1 of staff memorandum dated November 20, 2007. The Commission approved all stipulated issues, including approval of TECO's Plan. (TR 16, 542)

### **STIPULATED**

### COMMISSIONERS ASSIGNED: All Commissioners

#### **COMMISSIONERS' SIGNATURES**

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REMARKS/DISSENTING COMMENTS:

DISSENTING

DOCUMENT NUMBER-DATE

10676 DEC-45

**FPSC-COMMISSION CLERK** 

December 4, 2007

Docket No. 070297-EI – Review of 2007 Electric Infrastructure Storm Hardening Plan filed pursuant to Rule 25-6.0342, F.A.C., submitted by Tampa Electric Company.

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### DOCKET NO. 070298-EI - PROGRESS ENERGY FLORIDA, INC.

**Issues 14-26** are stipulated issues shown in Appendix 1 of staff memorandum dated November 20, 2007. The Commission approved all stipulated issues, including approval of Progress's Plan. (TR 24)

### **STIPULATED**

### DOCKET NO. 070299-EI – GULF POWER COMPANY

**Issues 27, 31-33, and 38** are stipulated and shown in Attachment 1 of staff's memorandum dated November 20, 2007. They were stipulated and approved at hearing. The remaining issues for Gulf are addressed below.

### **STIPULATED**

**Issue 27A**: Should Gulf Power Company's unopposed motion to reopen the record in Docket No. 070299-EI for the limited purpose to include Gulf Power Company's Amended Storm Hardening Plan be granted? **Recommendation:** Yes. The record in Docket No. 070299-EI should be reopened for the limited purpose of admitting Gulf's Amended Storm Hardening Plan as Exhibit No. 54.

December 4, 2007

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Docket No. 070301-EI – Review of 2007 Electric Infrastructure Storm Hardening Plan filed pursuant to Rule 25-6.0342, F.A.C., submitted by Florida Power & Light Company.

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**Issue 28**: Does the Company's Plan address the extent to which the extreme wind loading standards specified by Figure 250-2(d) of the 2007 edition of the NESC are adopted for new distribution facility construction? [Rule 25-6.0342(3)(b)l]

**<u>Recommendation</u>**: Yes. Gulf will begin applying EWL standards to critical infrastructure facilities and major thoroughfares as pilot projects, and will use Grade B for all new distribution facility construction.

## APPROVED

**Issue 29**: Does the Company's Plan address the extent to which the extreme wind loading standards specified by Figure 250-2(d) of the 2007 edition of the NESC are adopted for major planned work on the distribution system, including expansion, rebuild, or relocation of existing facilities, assigned on or after the effective date of this Rule for distribution facility construction? [Rule 25-6.0342(3)(b)2]

**<u>Recommendation</u>**: Yes. Gulf will begin applying EWL standards to critical infrastructure facilities and major thorough fares as pilot projects, and will use Grade B for all new distribution facility construction.

# APPROVED

**Issue 30**: Does the Company's Plan address the extent to which the extreme wind loading standards specified by Figure 250-2(d) of the 2007 edition of the NESC are adopted for distribution facilities serving critical infrastructure facilities and along major thoroughfares taking into account political and geographical boundaries and other applicable operational considerations? [Rule 25-6.0342(3)(b)3]

**<u>Recommendation</u>**: Yes. Extreme Wind Loading (EWL) standards are adopted for targeted distribution facilities serving critical infrastructure facilities and along major thorough fares.

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**Issue 34**: Does the Company's Plan provide a detailed description of the communities and areas within the utility's service area where the electric infrastructure improvements, including facilities identified by the utility as critical infrastructure and along major thoroughfares pursuant to subparagraph (3)(b)3 are to be made? [Rule 25-6.0342(4)(b)]

**<u>Recommendation</u>**: Yes. Gulf's Amended Plan provides a detailed description of the communities and areas within the utility's service area where electric infrastructure improvements, including facilities identified by the utility as critical infrastructure and along major thoroughfares are to be made.

## APPROVED

**Issue 35**: Does the Company's Plan provide a detailed description of the extent to which the electric infrastructure improvements involve joint use facilities on which third-party attachments exist? [Rule 25-6.0342(4)(c)]

**<u>Recommendation</u>**: Yes. Gulf has provided attachers with detailed descriptions and maps of electric infrastructure hardening projects within its Amended Plan. Also, sufficient information exchange and dispute resolution mechanisms are provided by the Process To Engage Third-Party Attachers.

### APPROVED

**Issue 36**: Does the Company's Plan provide an estimate of the costs and benefits to the utility of making the electric infrastructure improvements, including the effect on reducing storm restoration costs and customer outages? [Rule 25-6.0342(4)(d)]

**<u>Recommendation</u>**: Yes. Gulf's Amended Plan provides an estimate of the costs and benefits of making electric infrastructure improvements, including the effect on reducing storm restoration costs and customer outages.

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**Issue 37**: Does the Company's Plan provide an estimate of the costs and benefits, obtained pursuant to subsection (6) in staff's memorandum dated November 20, 2007, to third-party attachers affected by the electric infrastructure improvements, including the effect on reducing storm restoration costs and customer outages realized by the third-party attachers? [Rule 25-6.0342(4)(e)]

**<u>Recommendation</u>**: Yes. Gulf has provided an estimate of costs and benefits for storm hardening improvements and reduced storm restoration outages for third-party attachers. Also, sufficient information exchange and dispute resolution mechanisms are provided by the Process To Engage Third-Party Attachers.

# **APPROVED**

**Issue 39**: Based on the resolution of the preceding issues, should the Commission find that the Company's Plan meets the desired objectives of enhancing reliability and reducing restoration costs and outage times in a prudent, practical, and cost-effective manner to the affected parties? [Rule 25-6.0342(1) and (2)] **Recommendation:** Yes. Gulf's Amended Plan meets the desired objectives of enhancing reliability and

reducing restoration costs and outage times and, therefore, the Amended Plan should be approved.

## **APPROVED**

### DOCKET NO. 070301-EI – FLORIDA POWER & LIGHT COMPANY

**Issues 40, 45, and 51** were stipulated and are shown in Attachment 1 of staff's memorandum dated November 20, 2007. The remaining issues for FPL are addressed below.

## STIPULATED

December 4, 2007

Docket No. 070297-EI – Review of 2007 Electric Infrastructure Storm Hardening Plan filed pursuant to Rule 25-6.0342, F.A.C., submitted by Tampa Electric Company.

Docket No. 070298-EI – Review of 2007 Electric Infrastructure Storm Hardening Plan filed pursuant to Rule 25-6.0342, F.A.C., submitted by Progress Energy Florida, Inc.

Docket No. 070299-EI – Review of 2007 Electric Infrastructure Storm Hardening Plan filed pursuant to Rule 25-6.0342, F.A.C., submitted by Gulf Power Company.

Docket No. 070301-EI – Review of 2007 Electric Infrastructure Storm Hardening Plan filed pursuant to Rule 25-6.0342, F.A.C., submitted by Florida Power & Light Company.

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**Issue 41**: Does the Company's Plan address the extent to which the extreme wind loading standards specified by Figure 250-2(d) of the 2007 edition of the NESC are adopted for new distribution facility construction? [Rule 25-6.0342(3)(b)l]

Recommendation: Yes.

## APPROVED

**Issue 42**: Does the Company's Plan address the extent to which the extreme wind loading standards specified by Figure 250-2(d) of the 2007 edition of the NESC are adopted for major planned work on the distribution system, including expansion, rebuild, or relocation of existing facilities, assigned on or after the effective date of this Rule distribution facility construction? [Rule 25-6.0342(3)(b)2]

**Recommendation:** Yes. FPL's Plan meets the specific requirements of Rule 25-6.0342(3)(b)2, F.A.C, because FPL is incorporating its proposed EWL criteria into its design and construction standards for new facilities and because FPL's Plan calls for targeted incremental hardening up to and including meeting its EWL criteria.

### APPROVED

**Issue 43**: Does the Company's Plan address the extent to which the extreme wind loading standards specified by Figure 250-2(d) of the 2007 edition of the NESC are adopted for distribution facilities serving critical infrastructure facilities and along major thoroughfares taking into account political and geographical boundaries and other applicable operational considerations? [Rule 256.0342(3)(b)3]

**Recommendation:** Yes. FPL's Plan meets the specific requirements of Rule 25-6.0342(3)(b)3, F.A.C, because FPL is incorporating its proposed EWL criteria into its design and construction standards for new facilities and because FPL's Plan calls for application of EWL analysis to infrastructure that serve CIFs and overhead crossing of Interstate 75 and the Turnpike.

December 4, 2007

Docket No. 070297-EI – Review of 2007 Electric Infrastructure Storm Hardening Plan filed pursuant to Rule 25-6.0342, F.A.C., submitted by Tampa Electric Company.

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Docket No. 070301-EI – Review of 2007 Electric Infrastructure Storm Hardening Plan filed pursuant to Rule 25-6.0342, F.A.C., submitted by Florida Power & Light Company.

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**Issue 44**: Does the Company's Plan address the extent to which its distribution facilities are designed to mitigate damage to underground and supporting overhead transmission and distribution facilities due to flooding and storm surges? [Rule 25-6.0342(3)(c)]

**Recommendation:** Yes. FPL reasonably assessed what actions to pursue to reduce customer outages and restoration time resulting from damages incurred to underground and supporting distribution facilities from flooding and storm surges.

# APPROVED

**Issue 46**: Does the Company's Plan provide a detailed description of its deployment strategy including a description of the facilities affected, including technical design specifications, construction standards, and construction methodologies employed? [Rule 25-6.0342(4)(a)]

**<u>Recommendation</u>**: Yes. FPL's Plan includes updates to technical design specifications, construction standards, and construction methodologies employed implementing its EWL criteria.

# APPROVED

**Issue 47**: Does the Company's Plan provide a detailed description of the communities and areas within the utility's service area where the electric infrastructure improvements, including facilities identified by the utility as critical infrastructure and along major thoroughfares pursuant to subparagraph (3)(b)3, are to be made? [Rule 25-6.0342(4)(b)]

**Recommendation:** Yes. FPL's Plan lists 186 project sites for the period 2007 through 2009.

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**Issue 48**: Does the Company's Plan provide a detailed description of the extent to which the electric infrastructure improvements involve joint use facilities on which third-party attachments exist? [Rule 25-6.0342(4)(c)]

**<u>Recommendation</u>**: Yes. FPL has provided detailed descriptions and maps of electric infrastructure improvements, including joint use facilities to the extent possible, and sufficient information exchange and dispute resolution mechanisms are provided by the Process To Engage Third-Party Attachers.

## APPROVED

**Issue 49**: Does the Company's Plan provide an estimate of the costs and benefits to the utility of making the electric infrastructure improvements, including the effect on reducing storm restoration costs and customer outages? [Rule 25-6.0342(4)(d)]

Recommendation: Yes.

# APPROVED

<u>**Issue 50**</u>: Does the Company's Plan provide an estimate of the costs and benefits, obtained pursuant to subsection (6) in staff's memorandum dated November 20, 2007, to third-party attachers affected by the electric infrastructure improvements, including the effect on reducing storm restoration costs and customer outages realized by the third-party attachers? [Rule 25-6.0342(4)(e)]

**Recommendation:** Yes. FPL has provided an estimate of the costs and benefits, including reduced storm restoration costs and customer outages, for third-party attachers to the extent possible. Staff also believes sufficient information exchange and dispute resolution mechanisms are provided by the Process To Engage Third-Party Attachers.

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**Issue 52**: Based on the resolution of the preceding issues, should the Commission find that the Company's Plan meets the desired objectives of enhancing reliability and reducing restoration costs and outage times in a prudent, practical, and cost-effective manner to the affected parties? [Rule 25-6.0342(1) and (2)]

**<u>Recommendation</u>**: Yes. Staff believes that FPL's Plan meets the desired objectives of enhancing reliability and reducing restoration costs and outage times and, therefore, the Plan should be approved.

### APPROVED

Issue 53: Should this docket be closed?

**<u>Recommendation</u>**: Yes. If the Commission approves FPL's Storm Hardening Plan and Gulf's Amended Storm Hardening Plan, no further action is required and these dockets should be closed.; 070297-C/-11e following 070298-C/

070299-01 070301-01,

MODIFIED

Pursuant to Rule 256.0342, FAC., each atelities'

Storm Hardening Plan should be filed by

May 1, 2010,