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January 27, 2009

Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399-0850

Dear PSC Clerk:

Enclosed is Homestead's revised Long-term Energy Emergency Plan as required per Commission Order No. PSC-06-0438-PAA-EU.

Please note that enclosed are two copies. One indicates additions and deletions and the other is the final revision. If you should have any questions, I can be reached at (305) 224-4707.

Respectfully,

Kenneth J. Konkol
Assistant Director of Utilities
City of Homestead

KJK/mm

cc: Stephen E. Garl, Public Service Commission
Donna Howard, Florida Reliability Coordinating Council

DOCUMENT NUMBER - DATE

00795 FEB-28

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- Energizing Your Hometown -

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Public Service Commission

January 6, 2009

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Florida Electric Generating Utilities (see distribution list)

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January 6, 2009

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Angela L. Llewellyn
Administrator, Regulatory Affairs
Tampa Electric Company
P.O. Box 111
Tampa, FL 33601-0111

Re: Long-term Energy Emergency Plan Update

Every three years electric utilities owning or controlling electric generation facilities are to file a long-term energy emergency plan with the Florida Public Service Commission and the Florida Reliability Coordinating Council, per Rule 25-6.0185, Florida Administrative Code. Commission Order No. PSC-06-0438-PAA-EU, issued May 22, 2006, established the January 31, 2009 filing deadline and a type and strike format, clearly indicating changes.

Revised plans or letters indicating no changes should be filed with the Commission Clerk. We also ask that submitted plans indicate the revision date somewhere in the document.

Should any questions arise about this filing requirement, please contact me by phone, (850) 413-6676, or e-mail, sgarl@psc.state.fl.us.

Sincerely,



Stephen E. Garl
Regulatory Analyst

cc: Donna Howard
Operations Program Administrator
Florida Reliability Coordinating Council
The Towers at Westshore
1408 N. Westshore Blvd., Suite 1002,
Tampa, Florida 33607-4512

Steven Kirchoff
Florida Municipal Power Agency
8553 Commodity Circle
Orlando, FL 32819

Homestead Energy Services Long-Term Energy Emergency Plan

Introduction & Background

The City of Homestead owns and operates Homestead Energy Services, a municipal electric utility serving approximately ~~19,000~~ 21,015 customers in the City and the surrounding unincorporated areas of Miami Dade County. The historical peak load is ~~79~~ 88 MW's. Energy resources consist of contracts for ~~57.2~~ 42 megawatts (increasing to ~~57~~ 62 megawatts January 1, ~~2007~~ 2010) of firm capacity and associated energy in addition to the Gordon W. Ivey Power Plant. The power plant has 16 dual fuel engines capable of burning either natural gas or light oil. Gross generating capacity is 59.1 megawatts.

This plan outlines the procedures to be used in the event of a long-term fuel emergency that impacts Homestead Energy Services. A Fuel Supply Committee is established and will consist of the Director of Utilities, the Assistant Director, and the Supervisor of System Operations. The Director of Utilities or his appointed representative will serve as chairman. The chairman will monitor fuel supplies, deliveries and usage rates. When fuel levels reach potentially serious levels, the chairman will activate the committee.

Definitions

Alert

An alert condition exists when the potential for a fuel emergency arises and specific actions are deemed prudent.

Fuel Emergency

When the inventory of fuel reaches a predetermined level, or there is the likely possibility of disruption to the delivery of fuel, such that the anticipated usage will result in the following inventory levels:

Light Oil – 7 days

Natural Gas – Long term loss of pipeline supply source

Actions

When an alert condition is declared, the following actions will be taken. These actions will be done under the direction of the Fuel Supply Committee as normal operating procedures in an attempt to minimize the potential for a more severe emergency condition.

1. Notify the operating personnel that a fuel supply alert has been declared.
2. Maximize on site inventories of light oil to the extent possible.

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Revised 01/19/06
Revised 01/27/09

3. Defer maintenance outages on low heat rate units.
4. Maximize utilization of energy from existing power supply contracts.
5. Purchase maximum amounts of energy available from other utilities.
6. Operate units utilizing the lowest heat rate source to minimize the consumption of light oil or natural gas consistent with conserving the fuel in short supply.

When a Fuel Emergency is declared the Committee will ensure that all actions normally anticipated to occur during an alert have taken place and will then take the following steps.

1. Notify operating personnel that a Fuel Emergency exists.
2. Mandate that all City of Homestead facilities curtail energy usage to the extent possible
3. Contact commercial and industrial customers and request voluntary reduction of load.
4. Through mass media public service announcements appeal to the public to minimize electric energy consumption
5. Curtail all off system sales
6. Obtain all emergency energy available from neighboring systems.

Homestead Energy Services Long-Term Energy Emergency Plan

Introduction & Background

The City of Homestead owns and operates Homestead Energy Services, a municipal electric utility serving approximately 21,015 customers in the City and the surrounding unincorporated areas of Miami Dade County. The historical peak load is 88 MW's. Energy resources consist of contracts for 57.2 megawatts (increasing to 62 megawatts January 1, 2010) of firm capacity and associated energy in addition to the Gordon W. Ivey Power Plant. The power plant has 16 dual fuel engines capable of burning either natural gas or light oil. Gross generating capacity is 59.1 megawatts.

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