



Homestead Public Services

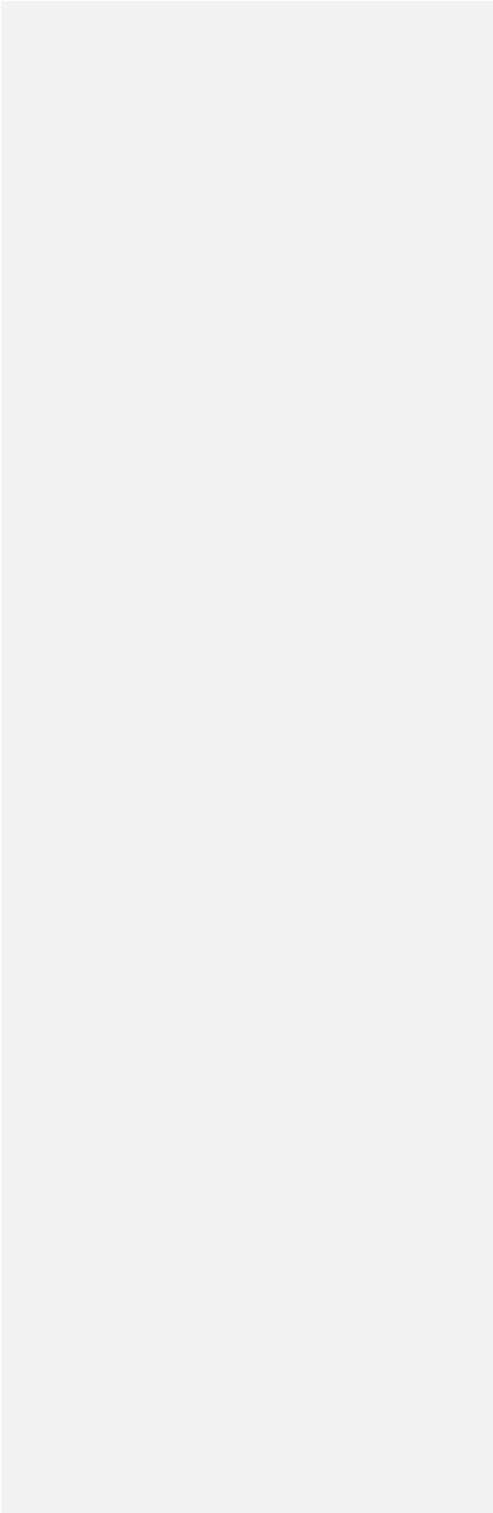
Long-Term Energy Fuel Plan

[Fla. Admin. Code Ann. R. 25-6.0185](#)

Effective Date: January 27, 2026

Review and Modification Log				
Rev No.	Date	Description of Review or Modification	By	Approval
0	3-27-2003	Creation of plan	K. Konkol	K. Konkol
1	1-19-2006	Minor changes	K. Konkol	K. Konkol
2	1-27-2009	Minor changes	K. Konkol	K. Konkol
3	2-8-2011	Minor changes	K. Konkol	K. Konkol
4	1-14-2012	Minor changes	K. Konkol	K. Konkol
5	1-23-2015	Minor changes	K. Konkol	K. Konkol
6	1-27-2026	Format changes, introduction and background updates.	L. Gonzalez	<u>W. Branch</u>

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1.0 Introduction & Background

The City of Homestead owns and operates Homestead Public Services – Energy, a municipal electric utility serving approximately 27,000 customers in the City and the surrounding unincorporated areas of Miami Dade County. The historical peak load is 126 MW's. Energy resources consist of contracts for 137 megawatts of firm capacity and associated energy in addition to the Gordon W. Ivey Power Plant. The power plant has 10 dual fuel engines capable of burning either natural gas or light oil. Gross generating capacity is 36 megawatts.

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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 has been established and will consist of the Director of Utilities, the Assistant Director, and the Senior Load Dispatcher. The Director of Utilities or his/her appointed representative will serve as chairperson. The chairperson will monitor fuel supplies, deliveries, and usage rates. When fuel levels reach potentially serious levels, the chairperson will activate the committee.

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2.0 Definitions

Alert

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

Fuel Emergency

A fuel emergency will be in effect upon the declaration by the Governor, 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-Alert

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.
3. Defer maintenance outages on low heat rate units.
4. Maximize utilization of energy from existing power supply contracts.

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- 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.

Actions-Emergency

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 and the FRCC that a Fuel Emergency is in effect.
- 2. Calculate fuel reserves in terms of “days of burn” based on anticipated generation requirements. A spreadsheet titled “Fuel Reserves Days of Burn” is located in the Utility Administration shared drive.
- 3. Mandate that all City of Homestead facilities curtail energy usage to the extent possible
- 4. Curtain all-off-system sales
- 5. Contact commercial and industrial customers and request voluntary reduction of load.
- 6. Through mass media public service announcements appeal to the public to minimize electric energy consumption
- 7. Obtain emergency energy as needed that is available from neighboring systems
- 8. Implement voltage reduction if required