

UTILITIES COMMISSION

CITY OF NEW SMYRNA BEACH
ELECTRIC, WATER, POLLUTION CONTROL

Post Office Box 100 – 200 Canal Street
New Smyrna Beach, Florida 32170-0100
(386) 427-1361



January 31, 2012

Ann Cole
Director, Division of the Commission Clerk and Administrative Services
Florida Public Service Commission
2540 Shumard Oak Blvd.
Tallahassee, FL 32399-0850

120000-07

RECEIVED-FPSC
12 FEB -7 AM 10: 21
COMMISSION
CLERK

RE: Long term energy emergency plan update per **25-6.0185 FAC**

Dear Ms Cole:

The Utilities Commission, City of New Smyrna Beach has reviewed its Long Term Energy Emergency Plan previously submitted per requirements of 25-6.0185 FAC and has determined that no changes are necessary at this time.

If you need additional information, please feel free to contact me at (386) 424-3160. Thank you.

Sincerely,

Timothy P. Beyrle
Director of System Operations and Generation

cc: Ray Mitchum, General Manager/CEO
Florida Reliability Coordinating Council

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12 FEB -7 AM 10: 17

DOCUMENT NUMBER-DATE
00729 FEB-7 2
FPSC-COMMISSION CLERK

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|  | Emergency Response Plan – Capacity and Energy Emergencies | <u>Created By</u> Tim Beyrle | <u>Creation Date</u> 9/7/2006 | <u>Security Level</u> CEII |
| | | <u>Review Cycle</u> Annual | <u>Review Date</u> 11/2/2011 | <u>Page</u> 1 of 2 |
| 20.108.01.02 | | <u>Revision</u> 1 | <u>Reference:</u> EOP-001 (NERC) | |

Emergency Response Plan – Capacity and Energy Emergencies

At the warning of a severe capacity or energy shortage (such as a forecast of below 30° Fahrenheit weather, or zero state reserves), the System Operations & Generation Department will notify the Director of System Operations, giving all possible details known at the time. After a review of the available information, if it appears likely that a severe situation is indeed impending (or if the Reliability Coordinator calls), the following actions shall be taken:

1. Notify all department heads, Police and Fire Departments, Hospital and Nursing Homes; City Government, and any other critical customers of the impending situation.
2. Issue news media energy conservation bulletins. Also, use appropriate notice/message for the Utilities Commission’s telephone service.
3. Review the availability of all generation capacity. Contact other utilities for availability of Schedule A Replacement Capacity for any generation expected to be available during the emergency period.
4. Coordinate what, if any, actions will be required of the Interconnected Transmission system (system switching by others which may limit flows into or out of NSB) with adjacent Transmission Operators (FPL and PEF) and determine who will be required to perform those actions. If necessary, a Transmission Switching Order may be required to implement any required actions or directives. Coordinate with adjacent Balancing Authorities (FPL and PEF) to determine the availability of wholesale or emergency energy supply, or if any Utilities Commission generation will be required for voltage control or other purposes.
5. Prioritize critical circuits and potential load shedding feeders.

As the high system demand increases, the recommended operating steps are listed below:

6. Load Management:
Initiate normal Load Management Relief;
 - a. Initiate Enhanced Residential Load Management Program; and
 - b. Notify customers with standby generation (such as the hospital, police department, nursing home) that we are in a severe demand situation.
7. Commence the System Voltage Reduction Program by lowering the 23 kV level by 5%, thereby reducing the load approximately the same amount.
8. Should the capacity shortage continue to worsen, place the Water and Pollution Control plants on their auxiliary generating units, and separate

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- from the distribution system. Notify Bert Fish Medical Center to switch to their auxiliary power.
9. Begin Coordinated Load Shedding with selected load outages rotated to match the load to the available capacity.
 10. Notify all designated agencies of our status operating activities as requested.

If additional staffing is needed to coordinate all of the required duties, the System Control Coordinator on shift should call for additional Coordinators or the System Operations Supervisor for assistance. All coordination with the RC or adjacent BAs and TOPs shall be conducted in accordance with 20.103.03.01 – *Communications Protocols*.

| DOCUMENT REVISION TRACKING | | | | | |
|----------------------------|----------|---------|---|-------------|---|
| Rev No. | Date | # Pages | Description | Approval | |
| | | | | Modified By | Approved By |
| 0 | 9/7/06 | 2 | Original Document Creation | T Beyrle | T Beyrle |
| 1 | 8/20/08 | 2 | Inserted new Item #4 detailing those actions which should be coordinated with other Transmission Operators and Balancing Authorities. | T Beyrle | T Beyrle |
| 1 | 8/3/09 | 2 | Annual review, no changes | T Beyrle | T Beyrle |
| 1 | 9/22/09 | 2 | New format and document numbering system | T Beyrle | T Beyrle |
| 1 | 10/13/10 | 2 | Annual review, no changes | T Beyrle |  |
| 1 | 11/2/11 | 2 | Annual review, no changes | T Beyrle |  |

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|  | Emergency Response Plan – Fuel Shortage Emergencies | <u>Created By</u> Tim Beyrle | <u>Creation Date</u> 9/7/2006 | <u>Security Level</u> CEII | |
| | | <u>Review Cycle</u> Annual | <u>Review Date</u> 11/2/2011 | <u>Page</u> 1 of 2 | |
| 20.108.01.03 | | <u>Revision</u> 1 | <u>Reference:</u> | | |

Emergency Response Plan – Fuel Shortage Emergencies

At such time as all needed Utilities Commission electric generation equipment is in use, fuel supplies at all needed facilities shall be monitored closely. Generation personnel shall notify the Director of System Operations & Generation or the Purchasing Department whenever supplies reach the point where additional fuel can be accommodated. Should the Purchasing Department notify the Director of System Operations & Generation that the purchase of additional fuel is not possible, a Fuel Shortage Emergency may be declared. At this time, generator usage times should be prioritized based on peak load and reliability factors, and all maintenance activities of generation units should be postponed if possible.

The Director of System Operations & Generation will the notify the Florida Reliability Coordinating Council (FRCC) State Capacity Emergency Coordinator (SCEC) that a Fuel Shortage Emergency has been declared and that fuel supplies to the Utilities Commission may be interrupted. The SCEC will advise the System Operations Department what resources are available, either through purchased power schedules, or emergency fuel supplies. Should there be no relief available; the Director of System Operations & Generation shall notify the Director of Electric Operations that action may necessary under the *Emergency Response Plan – Capacity and Energy Emergencies (20.108.01.02)*.

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