

ORIGINAL

DOCKET NO. 030045-EU

CERTIFICATION OF

PUBLIC SERVICE COMMISSION ADMINISTRATIVE RULES

FILED WITH THE

DEPARTMENT OF STATE

FILED  
200 APR - 7 PM 14:01  
DEPARTMENT OF STATE  
HALL/MASSEY, LONDON

I do hereby certify:

(1) That all statutory rulemaking requirements of Chapter 120, F.S., have been complied with; and

(2) There is no administrative determination under subsection 120.56(2), F.S., pending on any rule covered by this certification; and

(3) All rules covered by this certification are filed within the prescribed time limitations of paragraph 120.54(3)(e), F.S. They are filed not less than 28 days after the notice required by paragraph 120.54(3)(a), F.S., and;

(a) Are filed not more than 90 days after the notice;

or

(b) Are filed not more than 90 days after the notice not including days an administrative determination was pending;

or

(c) Are filed more than 90 days after the notice, but not less than 21 days nor more than 45 days from the date of

publication of the notice of change; or

(d) Are filed more than 90 days after the notice, but

DOCUMENT NUMBER-DATE

03282 APR-88

FPSC-COMMISSION CLERK

AUS  
CAF  
GMP  
COM  
CTR  
EGR  
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OPC  
MMC  
SEC  
OTH

not less than 14 nor more than 45 days after the adjournment of the final public hearing on the rule; or

  / (e) Are filed more than 90 days after the notice, but within 21 days after the date of receipt of all material authorized to be submitted at the hearing; or

  / (f) Are filed more than 90 days after the notice, but within 21 days after the date the transcript was received by this agency; or

  / (g) Are filed not more than 90 days after the notice, not including days the adoption of the rule was postponed following notification from the Joint Administrative Procedures Committee that an objection to the rule was being considered; or

  / (h) Are filed more than 90 days after the notice, but within 21 days after a good faith written proposal for a lower cost regulatory alternative to a proposed rule is submitted which substantially accomplishes the objectives of the law being implemented; or

  / (i) Are filed more than 90 days after the notice, but within 21 days after a regulatory alternative is offered by the small business ombudsman.

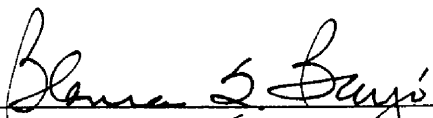
Attached are the original and two copies of each rule covered by this certification. The rules are hereby adopted by the undersigned agency by and upon their filing with the Department of State.

Rule No.

25-6.0183

Under the provision of subparagraph 120.54(3)(e)6., F.S.,  
the rules take effect 20 days from the date filed with the  
Department of State or a later date as set out below:

Effective: \_\_\_\_\_  
(month) (day) (year)

  
\_\_\_\_\_  
BLANCA S. BAYÓ, Director  
Division of the Commission Clerk  
and Administrative Services

\_\_\_\_\_  
Number of Pages Certified

(S E A L)

CTM

1           25-6.0183 Electric Utility Procedures for Generating Capacity  
2 Shortage Emergencies.

3           The Commission adopts the Florida Reliability Coordinating  
4 Council's ~~Florida Electrical Emergency Contingency Plan~~, Generating  
5 Capacity Shortage Plan Element, dated August 2002 ~~July 1997~~ as the  
6 Commission's plan to address generating capacity shortage  
7 emergencies within Florida. A copy of the Generating Capacity  
8 Shortage Plan Element may be obtained from the Director, Division  
9 of Economic Regulation Safety & Electric Reliability, Florida  
10 Public Service Commission.

11 Specific Authority: 350.127(2), 366.05, Florida Statutes

12 Law Implemented: 366.04(2)(c), (2)(f) & (5), Florida Statutes

13 History: New 2/12/91, amended 3/19/98,\_\_\_\_\_.

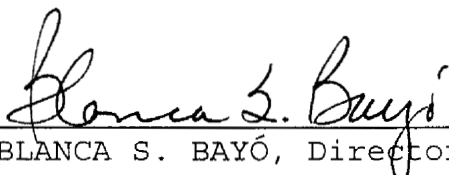
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CODING: Words underlined are additions; words in ~~struck through~~ type are deletions from existing law.

CERTIFICATION OF  
MATERIALS INCORPORATED BY REFERENCE  
IN RULES FILED WITH THE DEPARTMENT OF STATE

Pursuant to Rule 1S-1.005, Florida Administrative Code, I do hereby certify that the attached are true and correct copies of the following materials incorporated by reference in Rule 25-6.0183. Under the provisions of subparagraph 120.54(3)(e)(6), F.S., the attached materials take effect 20 days from the date filed with the Department of State, or a later date as specified in the rule.

Florida Reliability Coordinating Council's Generating Capacity Shortage Plan, August 2002.

  
\_\_\_\_\_  
BLANCA S. BAYÓ, Director  
Division of the Commission Clerk  
and Administrative Services

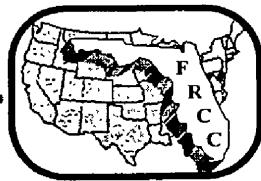
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(S E A L)

CTM

FILED  
2002 APR - 7 PM 1:01  
TALLAHASSEE, FLORIDA

**FRCC  
GENERATING CAPACITY  
SHORTAGE PLAN**



FILED  
2003 APR -7 PM 4:01  
TAMPA FLORIDA

**FLORIDA RELIABILITY COORDINATING COUNCIL**  
1408 N. Westshore Blvd., Suite 1002  
Tampa, Florida 33607-4512

Phone (813) 289-5644

**October 1, 1990 FPSC Approved  
July 1997 FPSC Approved  
August 2002 FRCC Amended**

# FRCC GENERATING CAPACITY SHORTAGE PLAN

## INTRODUCTION

Electricity is a vital part of Florida's infrastructure. It is critical for the existing and growing residential population, for commerce and industry, and for tourism. Florida's electric utilities coordinate planning and operations to ensure adequacy and reliability of the electric system long-term. However, during periods of abnormal weather or in the event of multiple unanticipated generating outages, there may be occasional times when capacity is tight or falls below customer demand. The following emergency plan was developed to facilitate coordinated actions among electric utilities and state and local agencies in the event of an anticipated or actual generating capacity shortage so as to protect the health, safety, and welfare of the people of Florida, consistent with good operating practices.

## I. PURPOSE

The purpose of this plan is to document guidelines and summarize procedures to be used by Florida's electric utilities and governing agencies in response to generating capacity shortages which impact or threaten to impact significant numbers of customers. Generating capacity shortages may be caused by unusually hot or cold weather, fuel supply shortages, transmission disruptions or plant outages.

## II. DEFINITION

A generating capacity shortage exists when any one of the electric utilities in the state of Florida has inadequate generating capability, including purchased power, to supply its firm load obligations.

## III. OVERVIEW

This Generating Capacity Shortage Plan is oriented toward energy emergencies caused by a generating capacity shortage. It is designed to provide a coordinated response to the various communication, environmental, legal, political and technical concerns which may arise on a state-wide basis during a generating capacity shortage. Power disruptions limited to a local area that are caused by factors other than a generating capacity shortage are outside of the scope of this plan.

The Generating Capacity Shortage Plan addresses: 1) procedures to be followed by individual utilities during a generating capacity shortage on their systems and 2) procedures to be followed by all utilities to ensure coordinated state-wide action and communication.

A. Individual Utility Plans

Each utility participating in this plan shall have an energy emergency plan that will enable it to cope with a generating capacity shortage on its system and to mitigate to the fullest extent practical the impact of the emergency on its customers and neighboring utilities. Emergency actions not specifically addressed in the FRCC Plan shall be addressed in the individual utility plans. A copy of each individual plan shall be maintained on file at the Florida Public Service Commission (FPSC) and the Florida Reliability Coordinating Council (FRCC) offices.

B. State-wide Plan

The Plan describes the coordinated procedures to be followed by all utilities during a generating capacity shortfall. The declaration of any phase of this Plan is based on data and activities occurring in the FRCC Region. However, any declaration will be made on a state-wide basis since media and communication may cross regional boundaries. The Plan consists of four separate phases and procedures for each phase. The four phases are:

- **GENERATING CAPACITY ADVISORY**

A Generating Capacity Advisory can be triggered by state weather projections and is primarily for information purposes. An Advisory will be issued when: (1) temperature projections for up to three days in advance of the current date exceed temperature criteria in a prescribed number of cities; or (2) one or more utilities in an area are issuing or planning to issue public appeals for conservation or (3) disruption of the gas pipeline(s) serving the FRCC Region may threaten to adversely affect the generation capacity in the FRCC Region. An Advisory does not indicate an imminent threat of an Alert or an Emergency, and no action would normally be required by utilities or governmental agencies. An Advisory declared on the basis of forecasted temperatures will not be rescinded even if the temperature forecast changes.

- **GENERATING CAPACITY ALERT**

A Generating Capacity Alert exists when: (1) the FRCC operating margin is such that the loss of the largest generating unit will necessitate interruption of firm load in Florida; or (2) disruption of the gas pipeline(s) serving the FRCC Region will adversely affect the generation capacity in the FRCC Region.

- **GENERATING CAPACITY EMERGENCY**

A Generating Capacity Emergency exists when any one of the electric utilities in the FRCC Region has inadequate generating capacity, including



purchased power, to supply its firm load obligations. The loss of firm load in a localized area due to a transmission or distribution outage, temporary problem or isolated event may be reported but would not cause the implementation of the plan.

The loss of firm load in a localized area due to automatic underfrequency relay operation would not cause the implementation of the plan unless it is anticipated that the outage will extend over several hours.

The declaration of a Generating Capacity Emergency will specify a time period and date that denotes the emergency period. If an emergency has been declared more than one day in advance based on forecasted data, it will not be rescinded unless the revised data indicates that the operating margin is sufficient to be "out of" an Alert phase as well.

- **SYSTEM LOAD RESTORATION**

System Load Restoration is complete when firm load reduction has been terminated and power supply is adequate.

#### **IV. COMMUNICATION**

The Generating Capacity Shortage Plan includes procedures for responding to emergencies with time frames ranging from sudden, unexpected outages to those caused by weather systems that can be tracked and provide advance notice. Included in each phase are samples of public appeal/conservation messages. It is anticipated that these or similar utility-specific message packets will be provided to local media in each utility's service area. Messages correspond with actions required by utility consumers during each phase.

All communications with the public, the news media, and local and regional governmental agencies shall be the responsibility of the individual participating system and shall be coordinated so as to be as non-conflicting as practical. Additionally, utility public information departments will share information with each other and the FRCC.

On an ongoing basis, individual utilities shall build public awareness of events that could lead to generating capacity problems through information programs (such as bill stuffers, speakers bureaus, in-school education, etc.) In addition, employees shall be educated periodically so they can properly and promptly respond to customer inquiries. The messages will change depending on the upcoming season or source of a possible generating capacity shortage.

Even though the Florida Division of Emergency Management and Public Service Commission are state-wide points of contact specified in the plan, the plan does not pre-empt utilities from contacting local emergency agencies or initiating local public information activities. In fact, top-down and bottom-up notification is encouraged to

enhance the system and provide an information loop to assure continued dissemination of current information to all involved parties.

Individual utilities shall also assess information activities necessary to heighten consumer and media awareness of the Generating Capacity Shortage Plan, its phases, and actions that can be taken to attempt to minimize a shortage.

## **V. RESPONSIBILITIES**

The State Capacity Emergency Coordinator (SCEC) is responsible for identifying and declaring the appropriate phases of this plan on a forecast basis, based upon criteria specified in each phase. The mechanism used by the SCEC to gather and analyze the information is the FRCC Daily Capacity Assessment Report. Upon meeting a phase's criteria, the SCEC shall contact the Chair of the FRCC Operating Committee (OC), the FRCC Security Coordinator (SC), and the FRCC President. The SCEC shall also notify (utilizing FRCC communication systems) generating utilities operation personnel of the condition of the Region's electric utilities.

The FRCC President shall contact the Division of Emergency Management (DEM), State Warning Point (SWP), and the Florida Public Service Commission (FPSC). In case the FRCC President is not reachable, the SCEC shall make the notifications assigned to the FRCC President.

The Florida Division of Emergency Management is responsible for notifying county and private emergency organizations that are part of its system. DEM also decides when and if to use the Emergency Broadcast System (EBS) to disseminate messages to citizens. The suggested EBS messages are included as Appendices A-C.

The Florida Public Service Commission acts as an informational liaison to all interested parties. The individual utilities and FRCC staff shall provide status reports and technical updates to the FPSC staff.

## INDIVIDUAL UTILITY PLANS

Each utility participating in this plan shall have an energy emergency plan that will enable it to cope with a generating capacity shortage on its system and to mitigate to the fullest extent practical the impact of the emergency on its customers and neighboring utilities. Each utility plan shall include procedures for notification of its own emergency and public information personnel. A copy of each individual plan shall be maintained on file at the Commission and FRCC offices.

Each individual utility's emergency plan or procedures should include (as appropriate for generating and non-generating utilities) the following items (not necessarily in the sequence shown):

- Purpose and scope
- Supporting plans and procedures
- Department and personnel responsibilities
- Categories and criteria for activation of emergency plan
- Emergency communication centers (phone centers)
- Communication networks
- How and when messages are initiated
- Messages (available at utilities, faxed as necessary)
- Seasonal public education messages
- Florida Division of Emergency Management notification
- Florida Public Service Commission notification
- County emergency management agencies notification
- Notification of cogenerators and independent power producers
- Winterization as applicable
- Scheduling of generation facilities
- Fuel supply management
- Procedures to reduce company use of power
- Load reduction guidelines and identification and prioritization of critical loads
- Training
- Plan revision

## GENERATING CAPACITY ADVISORY

### A. Definition

A Generating Capacity Advisory will be called whenever any of the following conditions exist:

1. When temperature projections exceed the prescribed criteria in two cities in Area 1 or three cities in Area 2 as described below in Paragraph B.

Once an Advisory is issued, it will not be rescinded, even if the temperature forecast changes.

2. When one or more utilities have issued, or are planning to issue, public appeals for conservation.
3. When disruption of the gas pipeline(s) serving the FRCC Region may threaten to adversely affect the generation capacity in the FRCC Region.

**B. Temperature Projections**

In order to accurately reflect real limitations of the transmission system, for calculation purposes, the FRCC Region is divided into two areas, Area 1 and Area 2. For calculating load, resources and reserves, each utility is assigned to the appropriate area. The triggers for the various phases of the plan are developed by area. Once triggered, however, the declaration of the plan phases is on a "statewide" basis and will not be rescinded even if the temperature forecast for that day changes.

On a daily basis, temperature projections for up to three days in advance will be collected and compared to the prescribed criteria temperature of each city. Below is a list of prescribed criteria temperatures for the cities in Areas 1 and 2. These temperature criteria are subject to periodic revision by FRCC.

	<u>LOCATION</u>	<u>WINTER</u>	<u>SUMMER</u>
AREA 1	Jacksonville	Below 21 F	Above 98 F
	Gainesville	Below 24 F	Above 95 F
	Tallahassee	Below 20 F	Above 98 F
AREA 2	Miami	Below 40 F	Above 92 F
	Orlando	Below 30 F	Above 95 F
	St. Petersburg	Below 32 F	Above 95 F
	Tampa	Below 31 F	Above 93 F

**C. Gas Pipeline Procedures**

Procedures shall be established with the gas pipeline companies to provide notification of gas pipeline(s) disruptions to the SCEC, the FRCC Security Coordinator and to the FRCC President, on a timely basis.

**D. State Capacity Emergency Coordinator Responsibility**

After assembling weather data or being notified that public conservation appeals are being issued by one or more FRCC utilities, the SCEC shall notify the FRCC President, the Chair of the FRCC Operating Committee (OC) and the FRCC Security Coordinator. The SCEC shall also notify (utilizing FRCC

communications systems) generating utilities' operation personnel of the Advisory condition. In case the FRCC President is not reachable, the SCEC shall make the notifications assigned to the FRCC President.

E. FRCC Security Coordinator Responsibility

1. Review conditions for potential reliability problems.
2. Notify the Southern Subregion Security Coordinator as appropriate.
3. Notify NERC as appropriate.

F. Utility Responsibility

1. Implement utility public awareness programs if appropriate.
2. Notify utility emergency personnel if appropriate.
3. Notify local emergency agencies if appropriate.

G. FRCC President Responsibility

1. After notification from the SCEC, advise the Florida Division of Emergency Management, State Warning Point (SWP), and FRCC member utilities communications personnel of the Advisory condition to include the following information:
  - a. FRCC generating capacity
  - b. FRCC expected peak load
  - c. Expected duration of event
  - d. Explanation of utilities' planned actions, and recommendations of agency actions in support of the utilities.
2. If requested by State Warning Point representative, act as single point contact between the SWP and the FRCC utilities.
3. Advise the Florida Public Service Commission of the Advisory status providing the same information as provided to SWP.

H. State Agency Actions

1. Florida Division of Emergency Management
  - a. Maintain contact with FRCC
  - b. Maintain contact with affected counties
  - c. Prepare for activation of emergency public information
  - d. Notify Florida Energy Office

2. Florida Public Service Commission

Maintain communications with electric utilities and Florida Division of Emergency Management as appropriate.

3. Florida Energy Office

Maintain contact with the Florida Division of Emergency Management and other parties as appropriate.

I. Public Information

An Advisory does not necessarily indicate an imminent threat of an Alert or an Emergency. Therefore, information offered is preparatory in nature and serves only to forewarn consumers well in advance that conditions exist for the potential of a generating capacity shortage at some point in the future. Advisory information is primarily seasonal in nature and is intended as a reminder of weather effects on utilities and consumers.

1. Notification

In notifying customers and local support agencies, information conveyed generally will not seek specific action responses.

a. Local Emergency Agencies

General information about the ramifications of a generating capacity shortfall due to severe hot, cold, or tropical weather shall be disseminated to local support agencies by individual utilities prior to an Alert. The SWP may also use its network to provide information.

b. News Media

Information to broadly address the issue shall be provided to local media directly by individual utilities.

2. Messages

Messages are general in substance and offered as media backgrounders rather than as hard news. Example: "Higher than usual demand for electricity is anticipated in the next few days. Florida's electric utilities are reminding the public that conservation and the wise use of electricity will lessen the possibility of widespread electric power shortages."

## GENERATING CAPACITY ALERT

### A. Definition

A Generating Capacity Alert will be called whenever any one of the following conditions exists:

1. The FRCC operating margin is such that the loss of the largest generating unit will necessitate interruption of firm load in the FRCC Region.
2. Disruption of the gas pipeline(s) serving the FRCC Region will adversely affect the generation capacity in the FRCC Region.

### B. State Capacity Emergency Coordinator Responsibility

Upon the determination that a Generating Capacity Alert condition exists, the SCEC shall contact the FRCC President, the Chair of the FRCC Operating Committee (OC) and the FRCC Security Coordinator (SC). The SCEC shall also notify (utilizing FRCC communication systems) generating utilities' operation personnel of the Alert condition. In case the FRCC President is not reachable, the SCEC shall make the notifications assigned to the FRCC President.

### C. FRCC Security Coordinator Responsibility

1. Review conditions for potential reliability problems.
2. Notify the southern Subregion Security Coordinator as appropriate.
3. Notify NERC as appropriate.

### D. Utility Responsibility

1. Implement utility public awareness programs if appropriate.
2. Implement individual utility emergency plans if appropriate.
3. Notify local emergency agencies if appropriate.

### E. FRCC President Responsibility

1. After notification from the SCEC, advise the Florida Division of Emergency Management, State Warning Point (SWP) and FRCC member utilities communications personnel of a Generating Capacity Alert and provide the following information:
  - a. FRCC generating capacity
  - b. FRCC expected peak load
  - c. Status of major generating unit outages
  - d. Expected duration of event

- e. Explanation of utilities' planned actions, and recommendations of agency actions in support of the utilities.
2. If requested by State Warning Point representative, act as single point contact between the SWP and the FRCC utilities.
3. Advise Florida Public Service Commission of the Alert status providing the same information as provided to SWP.
4. Advise Department of Energy of the Alert status.

#### F. State Agency Actions

1. Florida Division of Emergency Management
  - a. Maintain contact with affected utilities and/or FRCC
  - b. Maintain contact with affected counties
  - c. Notify appropriate state agencies, including the Florida Energy Office.
2. Florida Public Service Commission

Maintain communications with electric utilities and Florida Division of Emergency Management as appropriate.
3. Florida Energy Office

Maintain contact with Florida Division of Emergency Management and other parties as appropriate.

#### G. Public Information

An Alert is the first formal phase of generating capacity emergency communications. Messages are specific and call for particular responses to prepare for or prevent an impending emergency.

##### 1. Notification

In notifying customers and local support agencies, messages shall seek specific action responses.

##### a. Local Emergency Agencies

At this time, safety and/or conservation or system status information shall be disseminated to local emergency agencies by individual utilities. Agencies may decide to activate government access cable television broadcasts and Emergency Broadcast System regional radio.



broadcasts. Additional information may be provided to local agencies by the SWP.

b. News Media

At this time, news media shall be advised to activate Alert phase communications.

2. Messages

Messages are specific and offered as hard news either in the form of a news release and/or public service announcement. Example: "Due to severe cold weather and an unusually high demand for electricity throughout the state, customers are asked to reduce their consumption of electricity to minimize the need for rolling blackouts. Customers should lower/raise (depending on the season) thermostat settings and shut off all unnecessary appliances. To prepare for possible rolling blackouts, customers should have emergency supplies on hand such as a battery-operated radio, extra batteries, flashlights, candles or lanterns, and bottled water."

## GENERATING CAPACITY EMERGENCY

### A. Definition

A Generating Capacity Emergency exists when any one or more of the electric utilities in the FRCC Region has inadequate generating capability, including purchased power, to supply its firm load operations. The sudden loss of firm load due to a local transmission or distribution outage would not cause implementation of this Plan.

When implementing firm load reduction, facilities essential to the health, safety, or welfare of the community should be considered in individual utility plans and, insofar as the situation makes it practical, their special needs addressed.

Although not an exhaustive list, the following types of installations may be included in this category:

- (a) Hospitals and similar medical facilities.
- (b) Police and fire stations.
- (c) Operation, guidance control, and navigation services for public transportation and shipping, including rail, mass transit, licensed commercial air transportation, and other forms of transportation.
- (d) Communication services, including telephone and telegraph systems, television, and radio stations.
- (e) Water supply and sanitation services, including waterworks, pumping and sewage disposal activities which cannot be reduced without seriously affecting public health.
- (f) Federal activities essential for national defense and state and local activities essential for providing emergency services.

Although these types of customers may be given special consideration from the curtailment provisions of this plan, they should be encouraged to install emergency generation equipment if continuity of service is essential. In the case of these types of customers when supplied from multiple sources, (such as a hospital with two feeders) efforts will be made to maintain one source in service at all times. Other customers who, in their opinion, have critical equipment should install emergency or portable generating equipment.

Although not within the definition of essential services, the special situation of life sustaining medical equipment may be considered on a case-by-case basis in the individual utility plans. Life sustaining medical equipment is defined as equipment:

- which is necessary to sustain the life of the user,

- which has been prescribed by the user's physician, and
- where any interruption of electricity to such equipment poses an immediate threat to the user.

Each utility should consult with customers in this category to ensure that they fully understand the need for sufficient and proper backup power sources. In addition, during emergency conditions, cooperation and coordination should be provided to community service agencies and other governmental units which make special provisions for the needs of those with life sustaining medical equipment.

#### B. Utility Responsibility

1. Implement utility emergency plans if appropriate
2. Notify the State Capacity Emergency Coordinator

#### C. State Capacity Emergency Coordinator Responsibility

After notification by the utility(ies), the SCEC shall contact the FRCC President, the Chair of the FRCC Operating Committee, and the FRCC Security Coordinator (SC). The SCEC shall also notify (utilizing FRCC communication systems) generating utilities' operation personnel of the Emergency condition. In case the FRCC President is not reachable, the SCEC shall make the notifications assigned to the FRCC President.

#### D. FRCC Security Coordinator Responsibility

1. Review conditions for potential reliability problems.
2. Notify the Southern Subregion Security Coordinator as appropriate.
3. Notify NERC as appropriate.

#### E. FRCC President Responsibility

1. After notification from the SCEC, advise the Florida Division of Emergency Management, State Warning Point (SWP), and FRCC member utilities communications personnel of a Generating Capacity Emergency and provide the following information:
  - a. FRCC generating capacity
  - b. FRCC expected peak load
  - c. Geographic areas and number of customers that are expected to be most severely impacted, if available.
  - d. Status of major generating unit outages
  - e. Expected duration of event
  - f. Explanation of utilities' planned actions, and recommendations of agency actions in support of the utilities.

2. If requested by State Warning Point representative, act as single point contact between the SWP and the FRCC utilities.
3. Advise Florida Public Service Commission of the Emergency status providing the same information as provided to SWP.
4. The FRCC President shall notify the designated individual in the following appropriate agencies or offices:

Department of Energy/Economic Regulatory Administration (DOE/ERA)  
Environmental Protection Agency (EPA)  
Executive Office of the Governor  
Federal Energy Regulatory Commission (FERC)  
Florida Department of Environmental Protection (FDEP)  
Florida Public Service Commission (FPSC)  
North American Electric Reliability Council (NERC)  
Southeastern Electric Reliability Council (SERC)

#### F. State Agency Actions

1. Florida Division of Emergency Management
  - a. Maintain contact with affected utilities and/or FRCC
  - b. Maintain Contact with affected counties
  - c. Prepare for activation of emergency public information
  - d. Prepare for sheltering of evacuees
  - e. Notify appropriate state agencies, including the Florida Energy Office.

2. Florida Public Service Commission

Maintain communications with electric utilities and Florida Division of Emergency Management as appropriate.

3. Governor's Energy Office

Maintain contact with the Florida Division of Emergency Management and other parties as appropriate.

#### G. Public Information

A Generating Capacity Emergency exists when any one electric utility cannot supply its firm load obligations. Messages are specific and call for appropriate safety, conservation and damage control responses to minimize the effects of the crisis.

## 1. Notification

In notifying customers and local support agencies, messages seek specific action responses.

### a. State Warning Point

The Division of Emergency Management, State Warning Point will decide when and if to initiate the Emergency Broadcast System message (Appendix A or B depending on reason for the emergency).

### b. Local Emergency Agencies

At this time, safety and/or conservation or system status information shall be disseminated to local agencies. Agencies may decide to activate government access cable television broadcasts and Emergency Broadcast System regional radio broadcasts. The SWP may provide additional information to local agencies.

### c. News Media

At this time, news media shall be advised to activate Emergency phase communications and revise broadcasts accordingly.

## 2. Messages

Messages are specific and offered as hard news either in the form of a news release and/or a public service announcement. Example: "Electricity has been temporarily interrupted to some customers because of a shortage of electricity. Rolling blackouts have been implemented to prevent blackout of the utility's entire service territory. We do not know how long these circumstances will last, but utility employees are working to restore electric service as quickly as possible. Customers with power should continue to reduce consumption of electricity by lowering/raising (depending on season) thermostat settings and shutting off all unnecessary appliances. If your electricity is off, help us restore your power sooner by leaving on just a few indoor lights so you'll know when your power has been restored."

## **SYSTEM LOAD RESTORATION**

### A. Definition

System Load Restoration is complete when firm load reduction has been terminated and power supply is adequate, such that the operating margin can cover the loss of the largest generating unit.

B. Utility Responsibility

Notify the State Capacity Emergency Coordinator that firm load has been restored.

C. State Capacity Emergency Coordinator Responsibility

After notification by the utilities, the SCEC shall contact the FRCC President, the Chair of the FRCC Operating Committee (OC) and the FRCC Security Coordinator (SC), of the termination of the Emergency condition. The SCEC shall also notify (utilizing FRCC communication systems) the generating utilities' operation personnel. In case the FRCC President is not reachable, the SCEC shall make the notifications assigned to the FRCC President.

D. FRCC Security Coordinator Responsibility

1. Review conditions for potential reliability problems.
2. Notify the Southern Subregion Security Coordinator as appropriate.
3. Notify NERC as appropriate.

E. FRCC President Responsibility

1. Advise SWP of the termination of the Emergency condition.
2. Advise FPSC of the termination of the Emergency condition.

F. State Agency Actions

1. Florida Division of Emergency Management
  - a. Maintain contact with affected utilities and/or FRCC
  - b. Maintain contact with affected counties
  - c. Evaluate need for continued sheltering as appropriate
  - d. Inform the Florida Energy Office

2. Florida Public Service Commission

Maintain communications with electric utilities and Florida Division of Emergency Management as appropriate.

3. Florida Energy Office

Maintain contact with the Florida Division of Emergency Management and other parties as appropriate.

## G. Public Information

The Restoration is the recovery phase of the Emergency. It marks either an end to rolling blackouts or the resumption of service to customers previously impacted. Messages are specific and are designed to provide system status reports, timing and locations of scheduled repair activities, appropriate safety information and customer self-help instruction.

### 1. Notification

In notifying customers and local support agencies, messages indicate termination of the Emergency. They also provide safety and system status information and call for specific action responses.

#### a. State Warning Point

Upon meeting the criteria for System Load Restoration, the FRCC President shall contact the Division of Emergency Management, State Warning Point and DEM will decide when and if to initiate the Emergency Broadcast System Load Restoration Message (Appendix C).

#### b. Local Emergency Agencies

At this time, safety and system status information shall be disseminated to local agencies by individual utilities. Agencies may decide to activate government access cable television broadcasts and Emergency Broadcast System regional radio broadcasts. The SWP may also provide additional information to local agencies.

#### c. News Media

At this time, news media shall be advised to activate Restoration phase communications and revise broadcasts accordingly.

### 2. Messages

Messages are specific and offered as hard news either in the form of a news release and/or public service announcement. Example: "The emergency condition has ended and rolling blackouts have been discontinued. Extra service crews will continue to work around the clock to restore power resulting from utility equipment damage. If your power is out, please call the Customer Service office to report any problems and

schedule assistance. Your patience and cooperation during the emergency has been greatly appreciated.”

### **MAINTAINING EMERGENCY PREPAREDNESS**

The Chair of the FRCC Operating Committee has the overall responsibility to maintain emergency preparedness. Each year the Chair of the FRCC Operating Committee will review the current preparedness program in order to determine effectiveness of that program in light of current events and past experiences. This review will include a training exercise which will be held annually.

The Chair of the FRCC Operating Committee (OC) is responsible for coordinating the training exercise. The Florida Division of Emergency Management (DEM), the Florida Public Service Commission (FPSC) staff, and representatives from the gas pipeline(s) in the state are to participate in the exercises. The exercises shall consist of a one-day training session for personnel with a major role in the coordination and/or implementation of the activities described within this plan. Such sessions shall include a review of the responsibilities of each individual party along with table-top exercises consisting of one or more possible emergency scenarios.

A group chaired by the FRCC Operating Committee (OC) Chair and made up of the SCEC, and selected FRCC OC members shall critique the exercises called by the plan versus experiences gained through the year. This group will make an assessment of the adequacy of the FRCC Generating Capacity Shortage Plan and will make recommendations, if any, for improvement or revisions.



(STATE EBS MESSAGE)

**"GENERATING CAPACITY EMERGENCY"  
(WEATHER-RELATED)**

FLORIDA'S ELECTRIC UTILITIES [use: ARE CURRENTLY or ANTICIPATE] ROTATING ELECTRIC POWER TO CUSTOMERS IN THEIR SERVICE TERRITORIES DUE TO WEATHER-RELATED, HIGH DEMAND WHICH EXCEEDS AVAILABLE POWER SUPPLIES.

TO MINIMIZE THE SCOPE AND DURATION OF THE ROLLING BLACKOUTS, THE STATE'S ELECTRIC UTILITIES HAVE ISSUED THE FOLLOWING EMERGENCY PUBLIC APPEALS.

- IF YOUR ELECTRICITY IS ON, DISCONTINUE ALL NON-ESSENTIAL USES; CONSERVATION WILL HELP!
- IF YOUR POWER GOES OUT, TURN OFF ALL MAJOR ELECTRIC APPLIANCES. THIS WILL HELP PREVENT THE SYSTEM SERVING YOUR HOME FROM BEING OVERLOADED. WHEN POWER IS RESTORED, TURN APPLIANCES ON GRADUALLY, AND ONLY AS NEEDED.
- UTILITY PHONE LINES ARE OVERLOADED. PLEASE LEAVE THE LINES OPEN FOR EMERGENCY CALLS. IF YOU ARE THE ONLY HOME OR BUSINESS IN YOUR NEIGHBORHOOD EXPERIENCING AN EXTENDED POWER OUTAGE, CONTACT YOUR LOCAL ELECTRIC UTILITY.

STAY TUNED FOR FURTHER ANNOUNCEMENTS.

(STATE EBS MESSAGE)

**"GENERATING CAPACITY EMERGENCY"  
(SUDDEN POWER LOSS)**

FLORIDA'S ELECTRIC UTILITIES HAVE EXPERIENCED A SIGNIFICANT, WIDESPREAD DISRUPTION TO THE POWER SUPPLY SYSTEM AFFECTING CUSTOMERS THROUGHOUT THE STATE.

RESTORATION OF THE POWER SUPPLY SYSTEM IS UNDER WAY. EFFORTS TO RETURN INDIVIDUAL AND NEIGHBORHOOD ELECTRIC SERVICE, HOWEVER, MAY TAKE SEVERAL HOURS OR MORE.

THE STATE'S ELECTRIC UTILITIES HAVE ISSUED THE FOLLOWING EMERGENCY INFORMATION AND PUBLIC APPEALS:

- IF YOUR ELECTRICITY IS ON, DISCONTINUE ALL NON-ESSENTIAL USES, ESPECIALLY REDUCE USE OF AIR-CONDITIONING/HEATING. CONSERVATION WILL HELP THE RESTORATION EFFORT.
- IF YOUR POWER IS OUT OR GOES OUT — TURN OFF ALL MAJOR ELECTRIC APPLIANCES. THIS WILL HELP PREVENT THE SYSTEM SERVING YOUR HOME FROM BEING OVERLOADED. WHEN POWER IS RESTORED, TURN APPLIANCES ON GRADUALLY, AND ONLY AS NEEDED.
- UTILITY PHONE LINES ARE OVERLOADED. PLEASE LEAVE THE LINES OPEN FOR EMERGENCY CALLS. IF YOU ARE THE ONLY HOME OR BUSINESS IN YOUR NEIGHBORHOOD EXPERIENCING AN EXTENDED POWER OUTAGE, CONTACT YOUR LOCAL ELECTRIC UTILITY.

STAY TUNED FOR FURTHER ANNOUNCEMENTS.

(STATE EBS MESSAGE)

**"SYSTEM LOAD RESTORATION"**

FLORIDA'S ELECTRIC UTILITIES ANNOUNCED THAT THE WIDESPREAD ELECTRIC POWER EMERGENCY HAS ENDED AND ELECTRIC SERVICE HAS BEEN RESTORED TO MOST AREAS OF THE STATE. SMALLER, LOCALIZED POWER REPAIR AND RESTORATION EFFORTS ARE BEING ADDRESSED BY LOCAL UTILITY CREWS.

**"RESTORATION/OPTIONAL"**  
**(DO NOT USE IF EMERGENCY WAS A SUDDEN POWER LOSS)**

PUBLIC ACTION ON EARLY APPEALS FOR CONSERVATION IS BEING CREDITED WITH SUBSTANTIALLY HELPING SHORTEN THE SCOPE AND DURATION OF THE POWER OUTAGES.

**SUMMARY OF RULE**

Rule 25-6.0183 is amended to adopt the August 2002 version of the Florida Reliability Coordinating Council's Generating Capacity Shortage Plan.

**FILED**  
2003 APR 7 PM 4:01  
TALLAHASSEE, FLORIDA  
STATE

**SUMMARY OF HEARINGS ON THE RULE**

No hearing was requested and none was held.

**FACTS AND CIRCUMSTANCES JUSTIFYING THE RULE**

The Grid Bill provisions of Chapter 366, Florida Statutes, give the Commission jurisdiction over a coordinated electric grid. Section 366.04(2)(c), Florida Statutes, provides the Commission with the power "[t]o require electric power conservation and reliability within a coordinated grid, for operational as well as emergency purposes." In addition, Section 366.04(5), Florida Statutes, states:

The commission shall further have jurisdiction over the planning, development, and maintenance of a coordinated electric power grid throughout Florida to assure an adequate and reliable source of energy for operational and emergency purposes in Florida and the avoidance of further uneconomic duplication of generation, transmission, and distribution facilities.

The Commission prescribes its emergency plan in Rule 25-6.0183 by adopting the Florida Reliability Coordinating Council's (FRCC) Generating Capacity Shortage Plan. A sub-region of the North American Electric Reliability Council (NERC), FRCC's main

function is to coordinate the reliability of peninsular Florida's electric utilities. The FRCC revised the plan in August of 2002.