

BEFORE THE PUBLIC SERVICE COMMISSION

In re: Proposed revisions to Rule 25-6.044,
F.A.C., Continuity of Service, and Rule 25-
6.0455, F.A.C., Annual Distribution Service
Reliability Report.

DOCKET NO. 060243-EI
ORDER NO. PSC-06-0645-FOF-EI
ISSUED: July 31, 2006

The following Commissioners participated in the disposition of this matter:

LISA POLAK EDGAR, Chairman
J. TERRY DEASON
ISILIO ARRIAGA
MATTHEW M. CARTER II
KATRINA J. TEW

NOTICE OF ADOPTION OF RULES

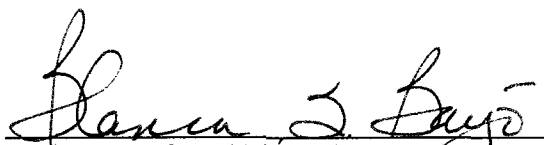
BY THE COMMISSION:

NOTICE is hereby given that the Florida Public Service Commission, pursuant to Section 120.54, Florida Statutes, has adopted the amendments to Rules 25-6.044 and 25-6.0455, Florida Administrative Code, relating to continuity of service and annual distribution service reliability reports, without changes.

The rules were filed with the Department of State on July 28, 2006, and will be effective on August 17, 2006. A copy of the rules as filed with the Department is attached to this Notice.

This docket is closed upon issuance of this notice.

By ORDER of the Florida Public Service Commission this 31st day of July, 2006.


BLANCA S. BAYO, Director
Division of the Commission Clerk
and Administrative Services

(SEAL)

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FPSC-COMMISSION CLERK

25-6.044 Continuity of Service.

(1) Definitions applicable to this part:

(a) "Area of Service." A geographic area where a utility provides retail electric service. An Area of Service can be the entire system, a district, or a subregion of the utility's system in which centralized distribution service functions are carried out ~~a region into which a utility divides its system.~~

(b) "Average Duration of Outage Events (L-Bar)." The sum of each Outage Event Duration for all Outage Events occurring during a given time period, divided by the Number of Outage Events over the same time period within a specific Area of Service.

(c) "Customer Average Interruption Duration Index (CAIDI)." The average time to restore service to interrupted retail customers within a specified Area of Service over a given period of time. It is determined by dividing the sum of Customer Minutes of Interruption by the total number of Service Interruptions for the respective Area of Service.

(d) "Customers Experiencing More Than Five Interruptions (CEMI5)." The number of retail customers that sustain more than five Service Interruptions for a specified Area of Service over a given period of time.

(e) "Customer Minutes of Interruption (CMI)." For a given Outage Event, CMI is the sum of each affected retail customer's Service Interruption Duration.

(f) "Momentary Average Interruption Event Frequency Index (MAIFIE)." The average number of Momentary Interruption Events recorded on primary circuits for a specified Area of Service over a given period of time.

(g) "Momentary Interruption." The complete loss of voltage for less than one minute. This does not include short duration phenomena causing waveform distortion.

(h) "Momentary Interruption Event." One or more Momentary Interruptions recorded by the operation of a utility distribution interrupting device within a five minute period. For example, two or three operations of a primary circuit breaker within a five minute period that did not result in a Service Interruption is one Momentary Interruption Event.

(i) "Number of Customers Served (C)." The sum of all retail customers on the last day of a given time period within a specific Area of Service.

(j) "Number of Outage Events (N)." The sum of Outage Events for an Area of Service over a specified period of time.

(k) "Outage Event." An occurrence that results in one or more individual retail customer Service Interruptions.

(l) "Outage Event Duration (L)." The time interval, in minutes, between the time when a utility first becomes aware of an Outage Event and the time of restoration of service to the last retail customer affected by that Outage Event.

(m) "Service Interruption." The complete loss of voltage of at least one minute to a retail customer.

(n) "Service Interruption Duration." The time interval, in minutes, between the time a utility first becomes aware of a Service Interruption and the time of restoration of service to that retail customer.

(o) "System Average Interruption Duration Index (SAIDI)." The average minutes of Service Interruption Duration per retail customer served within a specified Area of Service over a given period of time. It is determined by dividing the total Customer Minutes of Interruption by the total Number of Customers Served for the respective Area of Service.

(p) "System Average Interruption Frequency Index (SAIFI)." The average number of

Service Interruptions per retail customer within a specified Area of Service over a given period of time. It is determined by dividing the sum of Service Interruptions by the total Number of Customers Served for the respective Area of Service.

q) Planned Service Interruption.” A Service Interruption initiated by the utility to perform necessary scheduled activities, such as maintenance, infrastructure improvements, and new construction due to customer growth. ~~Customers are typically notified in advance of these events.~~

(2) Each utility shall keep a record of its system reliability and continuity of service data, customers’ Service Interruption notifications, and other data necessary for the annual reports filed under these rules. These records and data shall be retained for a minimum of ten years from the filing of each annual report. The utility shall record each Outage Event as planned or unplanned and shall identify the point of origination such as generation facility, transmission line, transmission substation equipment, or distribution equipment. The cause of each Outage Event shall be determined and recorded in a standardized manner throughout the utility. The date and time of the Outage Event and the number of Service Interruptions for the Outage Event shall also be recorded.

(3) Each utility shall make all reasonable efforts to prevent interruptions of service and when such interruptions occur shall attempt to restore service within the shortest time practicable consistent with safety.

(4) When the service is necessarily interrupted or curtailed, it shall be done at a time which, when at all practicable, will result in the least inconvenience to customers and all such scheduled interruptions shall be preceded by reasonable notice whenever practicable to affected customers. Each utility shall maintain a current copy of its noticing procedures with the Division

of Economic Regulation.

(5) The provisions of this rule shall not apply to a curtailment or an interruption of service to customers receiving service under interruptible rate classifications when the curtailment or interruption of service occurs pursuant to the affected retail customer's service agreement.

Specific Authority 366.05(1) FS.

Law Implemented 366.03, 366.04(2)(c), (5), 366.05 FS.

History—New 7-29-69, Formerly 25-6.44, Amended 2-25-93, 11-7-02, _____.

25-6.0455 Annual Distribution Service Reliability Report.

(1) Each utility shall file a Distribution Service Reliability Report with the Director of the Commission's Division of Economic Regulation on or before March 1st of each year, for the preceding calendar year. ~~The report shall contain the following information:~~

~~(a) The utility's total number of Outage Events (N), categorized by cause for the highest 10 causes of Outage Events, the Average Duration of Outage Events (L- Bar), and Average Service Restoration Time (CAIDI). The utility shall record these data and analyses on Form PSC/ECR 102-1, entitled "Outage Events" which may be obtained from the Division of Economic Regulation, 2540 Shumard Oak Boulevard, Tallahassee, Florida 32399-0850, (850) 413-6900;~~

~~(b) Identification of the three percent of the utility's Primary Circuits (feeders) with the highest number of feeder breaker interruptions. For each primary circuit so identified the utility shall report the primary circuit identification number or name, substation origin, general location, number of affected customers by service class served, Number of Outage Events (N), Average Duration of Outage Events (L- Bar), Average Service Restoration Time (CAIDI), whether the~~

~~same circuit is being reported for the second consecutive year, the number of years the primary circuit was reported on the "Three Percent Feeder List" in the past five years, and the corrective action date of completion. The utility shall record these data and analyses on Form PSC/ECR 102-2, entitled "Three Percent Feeder List" which may be obtained from the Division of Economic Regulation, 2540 Shumard Oak Boulevard, Tallahassee, Florida 32399-0850, (850) 413-6900;~~

~~(c) The reliability indices SAIDI, CAIDI, SAIFI, MAIFI, and CEMIS for its system and for each district or region into which its system may be divided. The utility shall report these data and analyses on Form PSC/ECR 102-3, entitled "System Reliability Indices" which may be obtained from the Division of Economic Regulation, 2540 Shumard Oak Boulevard, Tallahassee, Florida 32399-0850, (850) 413-6900. Any utility furnishing electric service to fewer than 50,000 retail customers shall not be required to report the reliability indices MAIFI or CEMIS;~~

~~(d) The calculations for each of the required indices and measures of distribution reliability;~~

~~(2) The Distribution Service Reliability Report will exclude the impact of all service interruptions associated with generation and transmission disturbances governed by Section 25-6.018(2) and (3), Florida Administrative Code. A utility may exclude from the Annual Distribution Service Reliability Report the Outage Events directly caused by one or more of the following: planned interruptions, a storm named by the National Hurricane Center, a tornado recorded by the National Weather Service, ice on lines, a planned load management event, an electric generation disturbance, an electric transmission system disturbance, or an extreme weather or fire event causing activation of the county emergency operation center.~~

~~(3) The report shall contain the following information on an actual and adjusted basis: A~~

~~utility may submit a request to exclude an Outage Event from the Annual Distribution Service Reliability Report that is not specifically provided for in subsection 25-6.0455(2), F.A.C. Such a request must be filed with the Commission's Division of the Commission Clerk and Administrative Services within 30 days of the Outage Event for which an exclusion is being requested. The Commission will approve the request if the utility is able to demonstrate that the outage was not within the utility's control, and that the utility could not reasonably have prevented the outage.~~

(a) The utility's total number of Outage Events(N), categorized by cause for the highest ten causes of Outage Events, the Average Duration of Outage Events (L-Bar), and Average Service Restoration Time (CAIDI). The utility shall record these data and analyses on Form PSC/ECR 102-1(a) (/06) and Form PSC/ECR 102-1(b) (/06), entitled "Causes of Outage Events – Actual" and "Causes of Outage Events-Adjusted", respectively, which may be obtained from the Division of Economic Regulation, 2540 Shumard Oak Boulevard, Tallahassee, Florida 32399-0850, 850/413-6900, and which are incorporated herein by reference;

(b) Identification of the three percent of the utility's Primary Circuits (feeders) with the highest number of feeder breaker interruptions. For each primary circuit so identified the utility shall report the primary circuit identification number or name, substation origin, general location, number of affected customers by service class served, Number of Outage Events (N), Average Duration of Outage Events (L-Bar), Average Service Restoration Time (CAIDI), whether the same circuit is being reported for the second consecutive year, the number of years the primary circuit was reported on the "Three Percent Feeder List" in the past five years, and the corrective action date of completion. The utility shall record these data and analyses on Form PSC/ECR 102-2(a) (/06) and Form PSC/ECR 102-2(b) (/06), entitled "Three Percent Feeder List -

Actual” and “Three Percent Feeder List – Adjusted”, respectively, which may be obtained from the Division of Economic Regulation, 2540 Shumard Oak Boulevard, Tallahassee, Florida 32399-0850, 850/413-6900, and which are incorporated herein by reference;

(c) The reliability indices SAIDI, CAIDI, SAIFI, MAIFIe, and CEMIS for its system and for each district or region into which its system may be divided. The utility shall report these data and analyses on Form PSC/ECR 102-3(a) (/06) and Form PSC/ECR 102-3(b) (/06), entitled “System Reliability Indices - Actual” and “System Reliability Indices – Adjusted”, respectively, which may be obtained from the Division of Economic Regulation, 2540 Shumard Oak Boulevard, Tallahassee, Florida 32399-0850, 850/413-6900, and which are incorporated herein by reference. Any utility furnishing electric service to fewer than 50,000 retail customers shall not be required to report the reliability indices MAIFIe or CEMIS; and

(d) The calculations for each of the required indices and measures of distribution reliability.

(4) Adjusted distribution reliability data may omit Outage Events directly caused by:

(a) Planned Service Interruptions;

(b) A storm named by the National Hurricane Center;

(c) A tornado recorded by the National Weather Service;

(d) Ice on lines;

(e) A planned load management event;

(f) Any electric generation or transmission event not governed by Section 25-6.018(2)

and (3), Florida Administrative Code; or

(g) An extreme weather or fire event causing activation of the county emergency operation center.

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Specific Authority 366.05(1) FS.

Law Implemented 366.03, 366.04(2)(c), (f), (5), 366.05, 366.05(7) FS.

History—New 2-25-93, Amended 11-7-02,_____.

Causes of Outage Events – Actual			
Utility Name _____		Year _____	
Cause (a)	Number of Outage Events(N) (b)	Average Duration (L-Bar) (c)	Average Restoration Time (CAIDI) (d)
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
All Other Causes			
System Totals			

Causes of Outage Events – Adjusted			
Utility Name _____		Year _____	
Cause (a)	Number of Outage Events(N) (b)	Average Duration (L-Bar) (c)	Average Restoration Time (CAIDI) (d)
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
All Other Causes			
System Totals			

Three Percent Feeder List - Actual											
Utility Name _____											
Primary Circuit Id. No. or Name (a)	Sub- station Origin (b)	Location (c)	Number of Customers					Outage Events "N" (i)	Avg Duration "L-Bar" (j)	CAIDI (k)	List Year (l)
			Residential (d)	Commercial (e)	Industrial (f)	Other (g)	Total (h)				

PSC/ECR 102-2(a) (___/06)
 Incorporated by reference in Rule 25-6.0455,
 Florida Administrative Code

Three Percent Feeder List – Adjusted											
Utility Name _____											
Primary Circuit Id. No. or Name (a)	Sub-station Origin (b)	Location (c)	Number of Customers					Outage Events "N" (i)	Avg Duration "L-Bar" (j)	CAIDI (k)	Listed Year (l)
			Residential (d)	Commercial (e)	Industrial (f)	Other (g)	Total (h)				

PSC/ECR 102-2(b) (___/06)
 Incorporated by reference in Rule 25-6.0455,
 Florida Administrative Code

System Reliability Indices – Actual					
Utility Name _____				Year _____	
District or Service Area (a)	SAIDI (b)	CAIDI (c)	SAIFI (d)	MAIFle (e)	CEMI5 (f)
System Averages					

PSC/ECR 102-3(a) (___/06)
Incorporated by reference in Rule 25-6.0455,
Florida Administrative Code

System Reliability Indices – Adjusted					
Utility Name _____			Year _____		
District or Service Area (a)	SAIDI (b)	CAIDI (c)	SAIFI (d)	MAIFle (e)	CEMI5 (f)
System Averages					

PSC/ECR 102-3(b) (___/06)
Incorporated by reference in Rule 25-6.0455,
Florida Administrative Code