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March 1, 2001

Ms. Blanca Bayo, Director
Division of Records and Reporting
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0850

Re: Florida Administrative Code, Rule 25-6.0455, Annual Distribution Service Reliability Report

Dear Ms. Bayo:

Pursuant to Florida Administrative Code Rule 25.6-0455, enclosed for filing are the original and fifteen (15) copies of Tampa Electric Company's Distribution Service Reliability Report for 2000.

If you have any questions, please call me at (813) 228-1752.

Sincerely,

Angela L. Llewellyn
Angela L. Llewellyn
Administrator
Regulatory Coordination

Enclosure

cc: J. D. Beasley (w/enclosure)

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TAMPA ELECTRIC COMPANY
P. O. BOX 111 TAMPA, FL 33601-0111

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(813) 228-4111

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2000 DISTRIBUTION SERVICE
RELIABILITY REPORT
TO THE
FLORIDA PUBLIC SERVICE COMMISSION
AS DESCRIBED IN RULE 25-6.0455

DOCUMENT NUMBER-DATE

02781 MAR-16

FPSC-RECORDS/REPORTING

DISTRIBUTION INTERRUPTIONS
BY
CATEGORY

ANNUAL DISTRIBUTION RELIABILITY REPORT 2000

Tampa Electric

SAIDI = System Average Interruption Duration Index			
=	$\frac{\text{Sum of All Customer Minutes of Interruption (CMI)}}{\text{Total number of Customers Served (C)}}$	=	$\frac{25,674,968}{591,628} = 43.40$ (SAIDI)
CAIDI = Customer Average Interruption Duration Index			
=	$\frac{\text{Sum of All Customer Minutes of Interruption (CMI)}}{\text{Total number of Customers Interrupted (CI)}}$	=	$\frac{25,674,968}{497,062} = 51.65$ (CAIDI)
SAIFI = System Average Interruption Frequency Index			
=	$\frac{\text{Total number of Customers Interrupted (CI)}}{\text{Total number of Customers Served (C)}}$	=	$\frac{497,062}{591,628} = 0.84010$ (SAIFI)
MAIFle = Momentary Average Interruption Event			
=	$\frac{\text{Sum of All Customer Momentary Interruption Events (CME)}}{\text{Total number of Customers Served (C)}}$	=	$\frac{7,497,579}{591,628} = 12.67$ (MAIFle)

NOTE: All indices, except for MAIFle, exclude data from Hurricane Gordon.
As required by Docket No. 920229-EI, Rule 25-6.0455, interruptions by cause are listed below.

Cause	Overhead	Underground	Undetermined	Total
Lightning	2,174	248	N/A	2,422
Other Weather	564	44	N/A	608
Vegetation	884	26	N/A	910
Animals	1,567	69	N/A	1,636
Vehicle	242	85	N/A	327
Dig-In	N/A	27	N/A	27
Unknown	1,260	268	N/A	1,528
Other *				
1. Defective Equipment	559	138	N/A	697
2. Down Wire/Pole	420	21	N/A	441
3. Bad Connection	295	29	N/A	324
All Remaining Outages	286	323	N/A	609
Total	8,251	1,278	0	9,529

* List the next 3 highest causes for the Utility Reporting.

L Bar = Minutes of Interruption	=	1,149,361	=	120.62 Minutes
Total Number of Outages		9,529		

**THREE PERCENT
HIGHEST INTERRUPTED
DISTRIBUTION CIRCUITS**

2000 - 3% Worst Performing Feeders

Circuit	Substation	Service Area	Residential Customers *	Commercial Customers *	Industrial Customers *	N	L-Bar
13652	Rhodine Rd	South Hillsborough	1,659	40	10	5	54.8
13438	Del Webb	South Hillsborough	612	86	23	5	40.2
13428	Rocky Creek	Western	1,238	71	4	5	31.4
13204	Temple Terrace	Central	2,000	99	10	5	30.8
13388	Kirkland	Plant City	397	59	13	5	30.0
13178	11th Ave.	Central	71	126	48	5	28.6
13872	Henderson	Western	1,018	19	1	5	21.4
13661	Lake Winterset	Winter Haven	1,326	90	12	5	40.8
13896	1st Street	South Hillsborough	945	143	19	4	39.5
13482	Woodlands	Western	1,760	259	46	4	37.5
13340	East Bay	South Hillsborough	582	104	26	4	26.0
13026	Temple Terrace	Central	1,619	224	40	4	24.8
13807	Knights	Plant City	954	106	6	4	23.5
13358	Hyde Park	Western	337	86	37	4	22.8
13932	Lake Magdalene	Central	500	23	0	4	14.8
13928	MinuteMaid	Winter Haven	0	0	2	3	75.3
13645	Rhodine Rd	South Hillsborough	1,367	114	17	3	70.3
13425	Rocky Creek	Western	1,598	37	12	3	67.0
13405	Keystone	Western	1,100	97	10	3	54.7
13317	Skyway	Western	484	35	15	3	37.3