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March 1, 2002

Ms. Blanca Bayo, Director
Division of Commission Clerk
& Administrative Services
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 2001.

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

Sincerely,

Angela L. Llewellyn
Administrator
Regulatory Affairs

Enclosure

- AUS
- CAF
- CMP
- COM
- CTR
- ECR
- GCL
- OPC
- MMS
- SEC
- OTH

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

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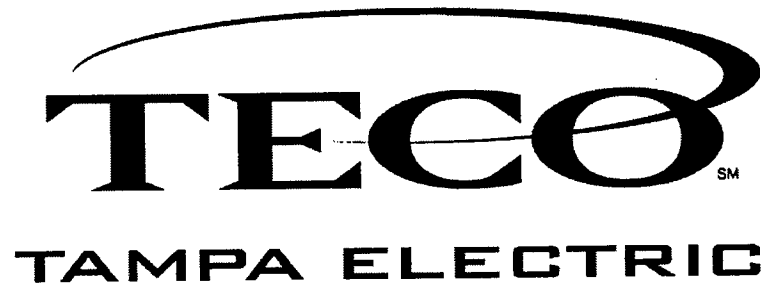
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TAMPA ELECTRIC COMPANY
P. O. BOX 111 TAMPA, FL 33601-0111

(813) 228-4111

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CUSTOMER SERVICE:
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2001 DISTRIBUTION SERVICE
RELIABILITY REPORT
TO THE
FLORIDA PUBLIC SERVICE COMMISSION
AS DESCRIBED IN RULE 25-6.0455

DISTRIBUTION INTERRUPTIONS
BY
CATEGORY

ANNUAL DISTRIBUTION RELIABILITY REPORT 2001

Tampa Electric

SAIDI = System Average Interruption Duration Index			
=	$\frac{\text{Sum of All Customer Minutes of Interruption (CMI)}}{\text{Total number of Customers Served (C)}}$	=	$\frac{27,908,645}{605,058}$ = 46.13 (SAIDI)
CAIDI = Customer Average Interruption Duration Index			
=	$\frac{\text{Sum of All Customer Minutes of Interruption (CMI)}}{\text{Total number of Customers Interrupted (CI)}}$	=	$\frac{27,908,645}{557,119}$ = 50.09 (CAIDI)
SAIFI = System Average Interruption Frequency Index			
=	$\frac{\text{Total number of Customers Interrupted (CI)}}{\text{Total number of Customers Served (C)}}$	=	$\frac{557,119}{605,058}$ = 0.92077 (SAIFI)
MAIFle = Momentary Average Interruption Event			
=	$\frac{\text{Sum of All Customer Momentary Interruption Events (CME)}}{\text{Total number of Customers Served (C)}}$	=	$\frac{9,263,438}{605,058}$ = 15.31 (MAIFle)

As required by Docket No. 920229-EI, Rule 25-6.0455, interruptions by cause are listed below.

Cause	Overhead	Underground	Undetermined	Total
Lightning	2,070	233		2,303
Other Weather	635	77		712
Vegetation	1,099	26		1,125
Animals	1,813	95		1,908
Vehicle	210	48		258
Dig-In	NA	22		22
Unknown	1,382	216		1,598
Other*				
1 Defective Equipment	443	70		513
2 Down Pole/Wire	482	164		646
3 Bad Connection	315	96		411
All Remaining Outages	352	137		489
Total	8,801	1,184		9,985

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

L Bar = Minutes of Interruption			
Total Number of Outages	=	$\frac{1,249,323}{9,985}$	= 125.12 Minutes

THREE PERCENT
HIGHEST INTERRUPTED
DISTRIBUTION CIRCUITS

2000 - 3% Worst Performing Feeders

Circuit	Substation	Service Area	Residential Customers *	Commercial Customers *	Industrial Customers *	N	L-Bar
13176	11TH AVENUE	CENTRAL	905	155	58	8	35.1
13924	LAKE GUM	WINTER HAVEN	480	99	14	7	34.7
13290	LAKE SILVER	WINTER HAVEN	1,008	98	14	6	19.8
13722	GALLAGHER ROAD	PLANT CITY	542	162	30	6	51.3
13139	HABANA	WESTERN	1,271	180	44	5	37.0
13331	DADE CITY	DADE CITY	953	170	14	5	33.6
13910	PEACH AVENUE	EASTERN	1,313	62	6	5	27.6
14050	POLK POWER	PLANT CITY	479	61	9	5	52.6
13070	KEYSTONE	WESTERN	878	81	7	4	62.3
13155	JACKSON ROAD	WESTERN	1394	130	17	4	3.8
13231	BRANDON	EASTERN	1211	83	9	4	45.4
13292	LAKE SILVER	WINTER HAVEN	548	16	6	4	9.8
13379	PLANT AVENUE	WESTERN	1,067	38	5	4	33.8
13417	JUNEAU	CENTRAL	653	179	35	4	11.3
13538	CARROLLWOOD VILLAGE	WESTERN	703	18	2	4	78.0
13576	SOUTH SEFFNER	EASTERN	1,834	31	2	4	14.5
13770	LAKE JULIANA	WINTER HAVEN	1,162	34	3	4	41.5
13808	KNIGHTS	PLANT CITY	1,730	169	6	4	22.0
13815	BLANTON	DADE CITY	456	69	2	4	35.3
14020	RIVERVIEW	SOUTH HILLSBOROU	903	100	35	4	45.8
13004	FORT KING	DADE CITY	454	69	12	3	58.3