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March 1, 2006

HAND DELIVERED

Ms. Blanca Bayo, Director
Division of Commission Clerk
& Administrative Services
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0850

Re: Flor

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 2005.

Please acknowledge receipt and filing of the above by stamping the duplicate copy of this letter and returning same to this writer.

Thank you for your assistance in connection with this matter.

Sincerely,

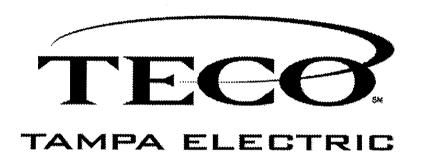
′ James D. Beasley

JDB/pp Enclosure

cc: Angela L. Llewellyn (w/enc.)

01785 MAR-18

FPSC-COMMISSION CLERK



2005 DISTRIBUTION SERVICE RELIABILITY REPORT TO THE FLORIDA PUBLIC SERVICE COMMISSION AS DESCRIBED IN RULE 25-6.0455

ANNUAL DISTRIBUTION RELIABILITY REPORT - 2005 Utility Name: Tampa Electric

SAIDI: System Average Interruption Duration Index = Sum of All Customer Minutes Interrupted (CMI)	54,258,509	83.90
Total number of Customers Served (C)	646,735	00.00
CAIDI: System Average Interruption Duration Index		
= Sum of All Customer Minutes Interrupted (CMI)	<u>54,258,509</u>	82.115
Total number of Customer Interruptions (CI)	660,764	
SAIFI: System Average Interruption Frequency Index		
= Total number of Customer Interruptions (CI)	<u>660,764</u>	1.02
Total number of Customers Served (C)	646,735	
MAIFle: Momentary Average Interruption Event		
= Sum of All Customer Momentary Interruption Events (CME)	<u>9,052,148</u>	14.00
Total number of Customers Served (C)	646,735	
LBar:		
= Minutes of Interruption	<u>1,788,230</u>	164.47
Total number of Outages	10,873	

District	С	CMI	CI	CME	# Cust > 5
Central	175,919	10,742,258	135,511	1,975,180	910
Dade City	13,421	1,985,524	20,188	303,955	85
Eastern	102,328	9,944,313	115,279	1,583,360	1,228
Plant City	51,633	6,733,517	87,353	1,012,591	6,874
South Hillsborough	53,627	6,796,748	74,057	1,041,004	4,568
Western	184,826	13,824,204	162,832	2,108,770	1,059
Winter Haven	64,981	4,231,945	65,544	1,027,288	317
System Totals	646,735	54,258,509	660,764	9,052,148	15,040

THREE PERCENT HIGHEST INTERRUPTED DISTRIBUTION CIRCUITS

3 Percent Feeder List													
Utility Name: Tampa Electric Year: 2005													
			Number of Customers										
1													1
Primary				i									ļ
Circuit								Outage	Avg.	i	Listed	Years	Action
ld. No.	Substation	ļ						Events	Duration	ľ	Last	in the	Completion
or Name	Origin	Location	Residential	Commerical	Industrial	Other	Total	"N"	"L-Bar"	CAIDI	Year?	Last 5	Date
(a)	(b)	(c)	(d)	(e)	(f)	(a)	(h)	(i)	(i)	(k)	(1)	(m)	(n)
CB_13405	Keystone	Western	1,008	88	10		1,106	6	137.50	136.36	No	2	1/27/06
CB_13657		Plant City	1,103	108	13		1,224	6	38.00	37.39	No	0	1/27/06
	Buckhorn	Eastern	1,755	130	23		1,908	6	68.83	65.83	No	0	12/31/06
	Gallagher Road	Plant City	996	136	10		1,142	6	49.83	55.00	No	0	1/27/06
	Sun City	South Hillsborough	2,095	49	12		2,156	5	59.20	60.47	No	0	1/27/06
CB_13708	Buckhorn	Eastern	1,603	129	15		1,747	5	109.40	103.93	Yes	1	1/27/06
CB_13777		South Hillsborough	891	7 5	10		976	5	48.20	49.00	No	0	1/27/06
		Eastern	84	116	51		251	4	44.50	38.79	No	0	5/21/05
CB_13298		Winter Haven	957	101	3		1,061	4	80.00	69.93	No	0	1/27/06
		South Hillsborough	1,010	72	12		1,094	4.	23.00	26.57	No	0	1/27/06
		Western	1,011	109	27		1,147	4	14.25	14.59	No	1	2/3/06
		Dade City	661	83	13		757	4	53,75	52.98	No	0	1/27/06
		Eastern	1,150	170	14		1,334	4	53.75	53.11	No	0	4/14/05
		Central	307	96	64		467	4	74.00	74.45	No	2	6/2/05
		Western	1,709	148	8		1,865	4	79.75	43.54	No	0	1/27/06
		Plant City	535	106	20		661	4	28.25	28.24	No	1	10/22/05
		Plant City	295	121	56		472	3	40.33	40.48	Yes	1	12/7/05
		Western	488	285	62		835	3	31.00	27.47	No	0	12/1/05
		Winter Haven	903	81	11		995	3	51.00	51.17	No	0	1/27/06
		Central	225	74	23		322	3	32.00	32.27	No	0	6/26/05
CB_13501		Eastern	2	117	70		189	3	24.33	24.94	No	0	N/A
CB_13837	Florida Avenue	Central	1,039	46	7		1,092	3	20.33	20.44	No	0	N/A

Form PSC/ECR 102-2, Docket No. 011351-El, Rule 25-6.0455(b)

Notes:

L-Bar and CAIDI are based on the entire circuit. L-Bar and CAIDI are expressed in minutes.

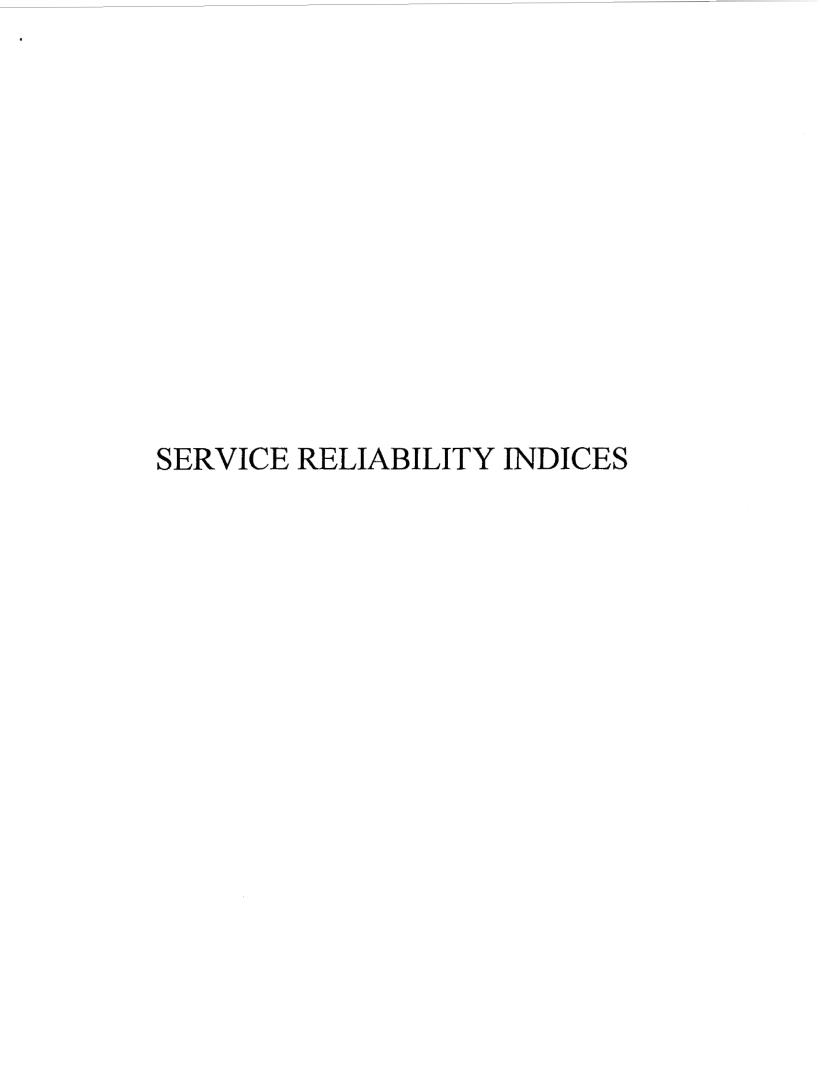
DISTRIBUTION INTERRUPTIONS BY CATEGORY

Report Rull Date: 02/21/2000 10:00:31							
Primary Causes of Outage Events							
Utility Name: Tampa Electric Year: 2005							
	Number of Outages	Average Duration	Average Restoration				
Cause	Events (N)	(L-Bar)	Time (CAIDI)				
(a)	(b)	(c)	(d)				
1. Lightning	1,962	220.39	124.98				
2. Vegetation	1,797	156.85	83.49				
3. Animals	1,742	90.67	62.99				
4. Unknown	1,243	130.21	58.05				
5. Electrical	1,065	190.12	91.04				
6. Other Weather	930	161.47	94.50				
7. Bad Connection	917	182.30	160.38				
8. Vehicle	349	182.44	67.53				
9. Defective Equipment	291	216.59	93.52				
10. Human Interference	266	200.05	45.10				
All Remaining Causes	311	175.05	60.48				
System Totals	10,873	164.47	82.11				

Form PSC/ECR 102-1, Docket No. 011351-EI, Rule 25-6.0455(a)

Notes:

L-Bar and CAIDI are expressed in minutes.



Service Reliability Indices								
Utility Name: Tampa Electric Year: 2005								
District or								
Service Area	SAIDI	CAIDI	SAIFI	MAIFle	CEMI5			
(a)	(b)	(c)	(d)	(e)	(f)			
Central	61.06	79.27	0.77030	11.23	0.52%			
Dade City	147.94	98.35	1.50421	22.65	0.64%			
Eastern	97.18	86.26	1.12656	15.47	1.20%			
Plant City	130.41	77.08	1.69181	19.61	13.31%			
South Hillsborough	126.74	91.78	1.38096	19.41	8.52%			
Western	74.80	84.90	0.88100	11.41	0.57%			
Winter Haven	65.13	64.57	1.00866	15.81	0.49%			
System	83.90	82.11	1.02169	14.00	2.33%			

Form PSC/ECR 102-3, Docket No. 011351-EI, Rule 25-6.0455(c)

Notes:

SAIDI and CAIDI are expressed in minutes.