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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: 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.)

DOCUMENT NUMBER-DATE
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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

CAIDI: System Average Interruption Duration Index

= Sum of All Customer Minutes Interrupted (CMI) 54,258,509 82.115
 Total number of Customer Interruptions (CI) 660,764

SAIFI: System Average Interruption Frequency Index

= Total number of Customer Interruptions (CI) 660,764 1.02
 Total number of Customers Served (C) 646,735

MAIFle: Momentary Average Interruption Event

= Sum of All Customer Momentary Interruption Events (CME) 9,052,148 14.00
 Total number of Customers Served (C) 646,735

LBar:

= Minutes of Interruption 1,788,230 164.47
 Total number of Outages 10,873

District	C	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
Primary Circuit Id. No. or Name (a)	Substation Origin (b)	Location (c)	Number of Customers						Outage Events "N" (i)	Avg. Duration "L-Bar" (j)	CAIDI (k)	Listed Last Year? (l)	Years in the Last 5 (m)	Action Completion Date (n)
			Residential (d)	Commerical (e)	Industrial (f)	Other (g)	Total (h)							
CB 13405	Keystone	Western	1,008	88	10		1,106	6	137.50	136.36	No	2	1/27/06	
CB 13657	Hampton	Plant City	1,103	108	13		1,224	6	38.00	37.39	No	0	1/27/06	
CB 13709	Buckhorn	Eastern	1,755	130	23		1,908	6	68.83	65.83	No	0	12/31/06	
CB 13724	Gallagher Road	Plant City	996	136	10		1,142	6	49.83	55.00	No	0	1/27/06	
CB 13304	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	Miller Mac	South Hillsborough	891	75	10		976	5	48.20	49.00	No	0	1/27/06	
CB 13084	Orient Park	Eastern	84	116	51		251	4	44.50	38.79	No	0	5/21/05	
CB 13298	Polk City	Winter Haven	957	101	3		1,061	4	80.00	69.93	No	0	1/27/06	
CB 13342	East Bay	South Hillsborough	1,010	72	12		1,094	4	23.00	26.57	No	0	1/27/06	
CB 13382	Plant Avenue	Western	1,011	109	27		1,147	4	14.25	14.59	No	1	2/3/06	
CB 13431	San Antonio	Dade City	661	83	13		757	4	53.75	52.98	No	0	1/27/06	
CB 13459	Clarkwild	Eastern	1,150	170	14		1,334	4	53.75	53.11	No	0	4/14/05	
CB 13546	Maritime	Central	307	96	64		467	4	74.00	74.45	No	2	6/2/05	
CB 13624	Wayne Road	Western	1,709	148	8		1,865	4	79.75	43.54	No	0	1/27/06	
CB 13722	Gallagher Road	Plant City	535	106	20		661	4	28.25	28.24	No	1	10/22/05	
CB 13122	Alexander Road	Plant City	295	121	56		472	3	40.33	40.48	Yes	1	12/7/05	
CB 13192	Double Branch	Western	488	285	62		835	3	31.00	27.47	No	0	12/1/05	
CB 13371	Dairy Road	Winter Haven	903	81	11		995	3	51.00	51.17	No	0	1/27/06	
CB 13400	3rd Avenue	Central	225	74	23		322	3	32.00	32.27	No	0	6/26/05	
CB 13501	S.R. 574	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-EI, 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 Run Date: 02/21/2006 10:35:31

Primary Causes of Outage Events			
Utility Name: Tampa Electric		Year: 2005	
Cause (a)	Number of Outages Events (N) (b)	Average Duration (L-Bar) (c)	Average Restoration Time (CAIDI) (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

Report Run Date: 02/21/2006 10:35:31

Service Reliability Indices					
Utility Name: Tampa Electric				Year: 2005	
District or Service Area (a)	SAIDI (b)	CAIDI (c)	SAIFI (d)	MAIFle (e)	CEMI5 (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.