

ORIGINAL

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State of Florida



Public Service Commission

CAPITAL CIRCLE OFFICE CENTER • 2540 SHUMARD OAK BOULEVARD
TALLAHASSEE, FLORIDA 32399-0850

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COMMISSION
CLERK

DATE: March 16, 2006
TO: Blanca S. Bayó, Commission Clerk and Administrative Services Director
FROM: Timothy J. Devlin, Director, Division of Economic Regulation. *TJD*
RE: Annual Distribution Service Reliability Reports

Please add the following Distribution Reliability Reports for Calendar Year 2005 to Case Management, Docket Number 060000. The data in these reports are comparable with those in Document Number 02188-05 in Docket Number 050000, which contained the reports for 2004. If you have any questions, please let me know. Thank you.

UTILITY	DATA YEAR	YEAR FILED	DOCUMENT NUMBER
PEF	2005	2006	01786
FPL	2005	2006	None
FPUC	2005	2006	None
GULF	2005	2006	None
TECO	2005	2006	01785

TD/DL:pw

- CMP _____
- COM _____
- CTR _____
- ECR _____
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- RCA _____
- SCR _____
- SGA _____
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DOCUMENT NUMBER-DATE

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FPSC-COMMISSION CLERK



Florida Power & Light Company, 215 S. Monroe St., Suite 810, Tallahassee, FL 32301

February 28, 2006

Mr. Joseph D. Jenkins, Assistant Director
Division of Economic Regulation
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399-0850

06 MAR -2 AM 10: 27
ECONOMIC REGULATION
PUBLIC SERVICE

Dear Mr. Jenkins,

Enclosed are the original and five (5) copies of Florida Power & Light Company's (FPL) Annual Distribution Report for calendar year 2005. We are making this filing pursuant to Rule 25-6.0455 F.A.C. and consistent with our previous agreements.

If you have any questions please do not hesitate to call me (850) 521-3900.

Sincerely,

A handwritten signature in black ink, appearing to read 'Bill Feaster', with a long horizontal flourish extending to the right.

Bill Feaster
Manager, Regulatory Affairs



ANNUAL DISTRIBUTION RELIABILITY REPORT 2005

February 2006

SAIDI = System Average Interruption Duration Index

$$= \frac{\text{Sum of All Customer Minutes Interrupted (CMI)}}{\text{Total number of Customers Served (C)}} \quad \frac{299,678,591}{4,306,199} \quad 69.6$$

CAIDI = Customer Average Interruption Duration Index

$$= \frac{\text{Sum of All Customer Minutes Interrupted (CMI)}}{\text{Total number of Customers Interruptions (CI)}} \quad \frac{299,678,591}{4,961,432} \quad 60.4$$

SAIFI = System Average Interruption Frequency Index

$$= \frac{\text{Total number of Customers Interruptions (CI)}}{\text{Total number of Customers Served (C)}} \quad \frac{4,961,432}{4,306,199} \quad 1.15$$

MAIFle = Momentary Average Interruption Event

$$= \frac{\text{Sum of All Customer Momentary Interruption Events (CME)}}{\text{Total number of Customers Served (C)}} \quad \frac{46,658,173}{4,306,199} \quad 10.8$$

L BAR = $\frac{\text{Minutes of Interruption}}{\text{Total Number of Outages}}$

$$\frac{19,100,631}{93,837} \quad 203.6$$

Service Reliability Indices Data					
Utility Name	FPL	Year	2005		
District or Service Area	Customer Served (C)	CMI	CI	CME	# Cust >5
Brevard	272,758	17,263,988	279,017	3,847,553	1,284
Central Florida	253,134	18,822,825	330,672	3,826,488	7,206
North Florida	127,860	10,180,840	140,923	1,693,713	2,416
Gulf Coast	393,653	27,951,578	495,185	3,426,933	9,440
Manasota	351,134	18,963,531	290,701	3,002,160	3,508
Toledo Blade	154,821	9,501,923	127,574	2,525,316	2,963
Boca Raton	343,569	26,740,338	462,776	2,817,621	3,928
Treasure Coast	252,063	25,473,664	360,431	3,935,850	10,554
West Palm	332,194	25,318,682	422,834	3,796,616	8,199
Central	235,400	12,992,505	241,029	1,847,148	5,048
North Dade	218,848	16,596,622	225,361	1,935,075	2,363
South Dade	286,995	21,282,225	363,214	3,419,987	8,857
West Dade	218,097	15,735,737	282,452	2,144,583	4,355
Gulfstream	313,158	17,427,348	324,862	3,065,602	5,070
Pompano	298,740	16,485,379	262,437	2,319,759	1,676
Wingate	253,775	18,941,406	351,964	3,053,769	5,549
All FPL	4,306,199	299,678,591	4,961,432	46,658,173	82,416

ANNUAL DISTRIBUTION RELIABILITY REPORT 2005

February 2006	FPL		Year 2005		
District or Service Area	SAIDI	CAIDI	SAIFI	MAIFle	CEMI5
(a)	(b)	(c)	(d)	(e)	(f)
Brevard	63.3	61.9	1.02	14.1	0.5%
Central Florida	74.4	56.9	1.31	15.1	2.8%
North Florida	79.6	72.2	1.10	13.2	1.9%
Gulf Coast	71.0	56.4	1.26	8.7	2.4%
Manasota	54.0	65.2	0.83	8.5	1.0%
Toledo Blade	61.4	74.5	0.82	16.3	1.9%
Boca Raton	77.8	57.8	1.35	8.2	1.1%
Treasure Coast	101.1	70.7	1.43	15.6	4.2%
West Palm	76.2	59.9	1.27	11.4	2.5%
Central	55.2	53.9	1.02	7.8	2.1%
North Dade	75.8	73.6	1.03	8.8	1.1%
South Dade	74.2	58.6	1.27	11.9	3.1%
West Dade	72.2	55.7	1.30	9.8	2.0%
Gulfstream	55.7	53.6	1.04	9.8	1.6%
Pompano	55.2	62.8	0.88	7.8	0.6%
Wingate	74.6	53.8	1.39	12.0	2.2%
FPL	69.6	60.4	1.15	10.8	1.9%

ANNUAL DISTRIBUTION RELIABILITY REPORT 2005			
February 2006	FPL	Year	2005
	Number	Average	Average
	of Outage	Duration	Restoration
Cause	Events(N)	(L-Bar)	Time
(a)	(b)	(c)	(d)
Equipment Failure	26,752	249	62.9
Unknown	16,970	181	46.0
Vegetation	10,571	199	77.7
Other	8,865	184	42.6
Animal	8,711	113	72.2
Other Weather	7,250	144	55.5
Lightning	4,682	289	69.8
Equipment Connection	2,288	217	161.7
Vehicle	1,905	236	54.3
Remaining Causes	5,842	223	58.3
System Total	93,836	204	60.4

ANNUAL DISTRIBUTION RELIABILITY REPORT 2005												
Feb 2006	FPL	Year		2005								
Primary		Number of Customers										No. of
Circuit												Corrective
Id. No. or	Substation											Action
Name	Origin	Residential	Commercial	Industrial	Other	Total	Outage	Average	CAIDI	Listed	Years	Completion
(a)	(b)	(d)	(e)	(f)	(g)	(h)	(i)	"L-Bar"	(j)	Year?	in the	Date
							Events(N)			Last	Last 5	
										(l)	(m)	(n)
NATOMA	805235	921	62	4	0	987	11	15	12.5	NO	2	02/07/06
HOLLYBROOK	706162	4216	340	6	0	4562	7	65	17.0	NO	0	03/31/06
PRINCETON	801635	2307	65	6	0	2378	7	70	28.6	NO	0	08/16/05
DEAUVILLE	801935	1651	162	1	0	1814	7	13	9.6	NO	0	05/01/06
RIVIERA	403134	1430	280	7	0	1717	7	183	30.7	NO	0	02/15/05
SOUTH BAY	403631	8	121	7	0	136	7	111	13.0	NO	0	10/05/05
GLENDALE	407561	2696	282	20	0	2998	7	241	72.4	YES	2	04/26/05
BULOW	102033	2236	65	2	0	2303	6	39	29.2	NO	0	10/14/05
CELERY	200281	512	65	7	0	584	6	62	45.8	NO	0	03/31/06
MCARTHUR	702740	2024	69	3	0	2096	6	53	39.7	NO	1	03/15/06
TROPICAL	803033	2032	159	1	0	2192	6	57	39.0	NO	1	05/30/06
KEY BISCAYNE	805332	1521	342	7	0	1870	6	33	24.6	NO	1	03/01/06
PENNSUCO	807161	84	251	8	0	343	6	223	57.3	YES	1	03/01/06
PENNSUCO	807162	2	447	2	0	451	6	91	35.9	NO	0	03/01/06
PENNSUCO	807163	0	347	3	0	350	6	82	26.0	NO	0	08/01/06
ORANGETREE	507364	2567	57	58	0	2682	6	146	1.0	NO	0	04/07/06
LOXAHATCHEE	407663	2742	332	8	0	3082	6	217	58.9	NO	1	12/15/05
SABAL	408761	2674	192	4	0	2870	6	81	41.6	NO	0	08/01/05
SWEATT	409361	814	283	26	0	1123	6	159	50.8	YES	2	01/26/05
BULOW	102031	2073	172	34	0	2279	5	59	44.8	NO	1	03/01/06
GATOR	108362	541	123	26	0	690	5	86	27.0	NO	0	03/31/06
SYKES CREEK	201736	1643	95	11	0	1749	5	170	54.2	NO	0	06/30/06
SISTRUNK	700132	1491	492	2	0	1985	5	140	28.8	NO	0	05/01/06
MOFFETT	704133	1459	515	8	0	1982	5	211	26.7	NO	0	05/31/06
ARCH CREEK	802836	1983	221	4	0	2208	5	294	34.2	NO	0	05/01/06
TROPICAL	803031	1324	115	1	0	1440	5	179	16.0	NO	0	12/24/03
GALLOWAY	805733	557	99	2	0	658	5	15	13.7	NO	0	11/21/05
AVOCADO	810062	530	235	15	0	780	5	134	23.4	YES	2	03/31/06
INTERNATIONAL	810264	1927	207	3	0	2137	5	154	24.0	NO	0	03/01/06
INTERNATIONAL	810265	3480	434	0	0	3914	5	172	30.5	NO	0	03/01/06
ORTIZ	503863	2648	212	4	0	2864	5	71	1.0	NO	0	12/31/06
ORTIZ	503865	2004	145	109	0	2258	5	155	1.0	NO	0	12/31/06
BOCA RATON	400739	1635	222	16	0	1873	5	107	35.9	NO	1	05/01/06
PAHOKEE	400832	230	76	28	0	334	5	111	99.3	NO	1	06/01/06
LINTON	401931	1725	388	10	0	2123	5	100	29.3	YES	2	06/01/05
PORT	701431	41	111	7	0	159	4	328	37.7	NO	0	12/31/06
NORTHWOOD	400332	716	45	22	0	783	4	319	41.6	NO	0	05/06/05
ROCK ISLAND	701834	41	225	0	0	266	4	300	21.7	NO	0	06/30/06
CAPRI	504063	4645	496	60	0	5201	4	281	1.0	NO	0	01/04/06
QUANTUM	407931	2823	164	9	0	2996	4	256	64.8	YES	1	02/08/06
INDRIO	407463	1452	92	1	0	1545	4	235	57.9	NO	0	03/24/05
PEMBROKE	702435	2007	194	5	0	2206	4	232	46.4	NO	1	02/07/06
ANDREWS	709432	0	318	3	0	321	4	221	27.4	NO	0	12/31/06
PINEWOOD	409961	1161	314	18	0	1493	4	216	76.5	NO	0	02/21/06
SARASOTA	500162	3652	244	6	0	3902	4	209	1.0	NO	0	08/22/05
VERENA	700633	2564	345	6	0	2915	4	204	47.8	NO	0	04/15/06
EAU GALLIE	201031	916	318	11	0	1245	4	200	46.5	NO	0	06/30/05
COLLINS	707532	823	198	2	0	1023	4	197	23.9	NO	0	12/31/06
ORCHID	709362	1418	117	8	0	1543	4	196	31.9	NO	0	04/30/06
SOUTHSIDE	705531	599	148	11	0	758	4	184	22.7	NO	0	12/31/06
ULETA	806331	2004	116	2	0	2122	4	178	45.4	NO	0	05/01/06
BUCKEYE	505862	2521	100	57	0	2678	4	163	1.0	YES	2	09/23/05
KOGER	811564	0	655	0	0	655	4	162	38.9	NO	0	04/01/06
IONA	501761	3999	501	13	0	4513	4	156	1.0	NO	0	12/31/06
LEMON CITY	807733	804	290	1	0	1095	4	155	52.8	NO	0	04/01/06
RAVENSWOOD	703136	4	305	1	0	310	4	150	12.1	NO	0	06/30/06
CORKSCREW	507461	868	162	76	0	1106	4	136	1.0	NO	0	02/25/06
MCDONNELL	203931	1461	55	11	0	1527	4	133	59.4	NO	0	06/30/06
GREYNOLDS	802531	732	306	0	0	1038	4	128	26.4	NO	0	05/01/06
BIRD	806935	1367	83	6	0	1456	4	124	31.3	NO	0	12/31/06
SAGA	809433	1431	50	1	0	1482	4	118	35.7	NO	0	04/15/05
CRESCENT CITY	100632	1174	251	8	0	1433	4	115	49.0	NO	0	04/07/06
PAYNE	502831	1531	60	16	0	1607	4	114	1.0	NO	0	12/31/06
ELY	702634	1286	240	5	0	1531	4	113	21.8	NO	0	03/15/06
POMPANO	700531	975	140	3	0	1118	4	110	27.2	NO	0	12/31/06
GOLDEN GATE	504968	1835	82	18	0	1935	4	108	1.0	NO	0	04/15/06
MARKET	803540	709	222	6	0	937	4	107	45.8	NO	0	05/01/06
DATURA ST	400231	511	274	0	0	785	4	104	43.7	NO	0	12/31/06
CATCHMENT	409763	3071	447	6	0	3524	4	101	35.0	NO	0	10/14/05
NEWTON	810362	3310	110	0	0	3420	4	100	38.3	NO	1	12/31/06
ALVA	504762	2712	190	137	0	3039	4	100	1.0	NO	0	12/31/06
LINDGREN	802668	1797	171	1	0	1969	4	99	24.3	NO	0	03/01/06
OLYMPIA	401764	1740	134	60	0	1934	4	92	51.4	YES	1	03/31/06
BOCA RATON	400737	1930	102	9	0	2041	4	86	39.1	NO	3	06/01/06
CRANE	407162	851	276	19	0	1146	4	86	15.5	YES	1	03/24/05
BABCOCK	204264	2990	67	0	0	3057	4	85	41.3	NO	0	01/19/06
FLAGAMI	808062	4133	286	0	0	4419	4	79	37.8	NO	0	03/01/06
WATKINS	811433	0	58	1	0	59	4	77	22.3	NO	0	12/31/06
CLINTMOORE	405463	1416	55	10	0	1481	4	77	53.8	NO	1	01/25/06
WESTON VILLAGE	807833	1432	181	4	0	1617	4	77	20.6	NO	0	05/01/06
MEMORIAL	811832	894	60	0	0	954	4	75	27.5	NO	0	05/01/06
COURT	809669	1815	237	0	0	2052	4	74	23.3	NO	0	03/01/06
SABAL	408762	3390	188	5	0	3583	4	69	39.2	NO	0	05/17/05
SANFORD	200131	938	216	4	0	1158	4	69	23.3	NO	0	10/23/05
HUTCHINSON ISL	405132	1512	44	1	0	1557	4	69	38.5	NO	0	01/12/05
FLEMING	102435	1101	347	3	0	1451	4	66	39.4	NO	0	05/01/06
PERRY	702837	1184	103	3	0	1290	4	60	27.1	NO	0	12/01/05



February 27, 2006

Tim Devlin
Division of Economic Regulation
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399-0868

RECEIVED
FLORIDA PUBLIC SERVICE
COMMISSION
06 MAR - 1 AM 10:25
DIVISION OF
ECONOMIC REGULATION

Dear Mr. Devlin,

Attached is the 2005 Annual Distribution System Reliability Report for Florida Public Utilities Company. This report is submitted in accordance with Section 25-6.0455 of the Florida Public Service Commission Rules and Regulations.

Should you have any questions concerning this information, please feel free to contact me by phone at (850) 526-6813 or by e-mail at dmyers@fpuc.com.

Sincerely,

A handwritten signature in cursive script that reads "Don Myers".

Don Myers
General Manager, NW Florida – Interim

cc: Chuck Stein
Mark Cutshaw
Mario Lacaci
Jorge Puentes
Jim Breman - FPSC



Primary Causes of Outage Events

Utility Name Florida Public Utilities Co. Year 2005

Cause (a)	Number of Outage Events(N) (b)	Average Duration (L-Bar) (c)	Average Restoration Time (CAIDI) (d)
1. Animal	149	48.76	48.75
2. Vegetation	135	82.70	73.61
3. Unknown	113	48.75	36.16
4. Lightning	84	71.97	75.11
5. Corrosion	66	111.59	131.61
6. Transformer Failure	38	154.21	285.37
7. Fuse Failure	27	47.07	37.45
8. Other Weather	20	68.80	93.58
9. Vehicle	14	68.21	34.21
10. Cut-Out Failure	12	74.42	77.56
All Other Causes	40	74.52	43.47
System Totals	698	73.20	63.72

Service Reliability Indices

Utility Name FLORIDA PUBLIC UTILITIES CO.

Year 2005

District or Service Area (a)	SAIDI (b)	CAIDI (c)	SAIFI (d)	MAIFle (e)	CEMIS (f)
NW FI.	77.82	68.96	1.13	N/A	N/A
NE FI.	59.37	58.70	1.01	N/A	N/A
System Averages	67.89	63.72	1.06	N/A	N/A

**ANNUAL DISTRIBUTION RELIABILITY REPORT 2005
Attachment 1 CALCULATIONS**

	<u>Northeast Division</u>	<u>Northwest Division</u>	<u>FPUC</u>
SAIDI = System Average Interruption Duration Index			
= <u>Sum of All Customer Minutes Interrupted (CMI)</u> Total number of Customers Served (C)	<u>874,657</u> = 59.37 14,732	<u>985,224</u> = 77.82 12,661	<u>1,859,881</u> = 67.89 27,393
CAIDI = Customer Average Interruption Duration Index			
= <u>Sum of All Customer Minutes Interrupted (CMI)</u> Total number of Customers Interruptions (CI)	<u>874,657</u> = 58.70 14,901	<u>985,224</u> = 68.96 14,286	<u>1,859,881</u> = 63.72 29,187
SAIFI = System Average Interruption Frequency Index			
= <u>Total number of Customers Interruptions (CI)</u> Total number of Customers Served (C)	<u>14,901</u> = 1.01 14,731	<u>14,286</u> = 1.13 12,661	<u>29,018</u> = 1.06 27,393
L-BAR			
= <u>Total Minutes of Interruption</u> Total Number of Outages	<u>23,934</u> = 95.35 251	<u>27,163</u> = 60.76 447	<u>51,097</u> = 73.20 698

Susan D. Ritenour
Secretary and Treasurer
and Regulatory Manager

One Energy Place
Pensacola, Florida 32520-0781

Tel 850.444.6231
Fax 850.444.6026
SDRITENO@southernco.com



February 20, 2006

Mr. Tim Devlin, Director
Division of Economic Regulation
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee FL 32399-0868

Dear Mr. Devlin:

Attached is Gulf Power Company's Annual Distribution Service Reliability Report as required by Rule 25-6.0455.

Sincerely,

bh

Attachment

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DIVISION OF
ECONOMIC REGULATION

Service Reliability Indices

Utility Name: Gulf Power Company Year: 2005

District or Service Area (a)	SAIDI (b)	CAIDI (c)	SAIFI (d)	MAIFle (e)	CEMI5 (f)
Central	121.09	89.79	1.349	7.79	2.60%
Eastern	78.74	110.52	0.712	5.84	0.64%
Western	129.79	104.95	1.237	10.65	1.07%
System Averages	114.87	101.17	1.135	8.72	1.36%

PSC/ECR 102-3 (11/2002)

3 Percent Feeder List

Utility Name: Gulf Power Company Year: 2005

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 Last Year? (l)	No. of Years in the Last 5 (m)	Corrective Action Completion Date (n)
			Residential (d)	Commercial (e)	Industrial (f)	Other (g)	Total (h)							
9182	East Crestview	Central	2538	249	-	-	2787	4	29.75	28.68	N	0	June, 2005	
9812	Shoal River	Central	2147	218	-	-	2365	4	37.00	39.42	N	0	August, 2005	
748	East Hill	Western	395	42	-	-	437	3	65.00	56.56	N	0	July, 2005	
5632	East Bay	Western	2647	301	-	-	2948	3	61.67	64.60	N	0	June, 2005	
6652	Goulding	Western	2369	163	-	-	2532	3	18.33	18.32	N	0	March, 2005	
5982	Cordova	Western	2261	144	-	-	2405	3	68.33	71.23	N	0	July, 2005	
7302	Pine Forest	Western	1869	158	-	-	2027	3	59.33	56.87	N	0	August, 2005	
9562	Destin	Central	665	553	-	-	1218	3	196.0	186.53	N	0	November, 2005	

SC/ECR 102-2 (11/2002)

Primary Causes of Outage Events			
Utility Name: Gulf Power Company		Year 2005	
Cause (a)	Number of Outage Events(N) (b)	Average Duration (L-Bar) (c)	Average Restoration Time (CAIDI) (d)
1. Unknown	2239	141.28	87.66
2. Lightning	1851	191.64	118.38
3. Deterioration	1634	187.60	140.16
4. Animal	1486	91.60	82.16
5. Trees	980	138.56	83.23
6. Vehicle	424	171.03	129.93
7. Overload	254	107.74	90.57
8. Wind/Rain	235	146.49	94.26
9. Dig In – Other	129	217.10	128.87
10. Contamination/Corrosion	118	194.29	150.26
All Other Causes	288	109.62	60.99
System Totals	9638	152.14	101.17

ANNUAL DISTRIBUTION RELIABILITY REPORT 2005

Gulf Power Company

	CENTRAL		EASTERN		WESTERN		SYSTEM	
SAIDI = System Average Interruption Duration Index								
<u>Total Number of Customer Minutes of Interruption (CMI)</u>	12,766,845		7,985,593		26,189,556		46,941,994	
<u>Total Number of Customers Served (C)</u>	105,437	121.09	101,417	78.74	201,787	129.79	408,641	114.87
CAIDI = Customer Average Interruption Duration Index								
<u>Total Number of Customer Minutes of Interruption (CMI)</u>	12,766,845		7,985,593		26,189,556		46,941,994	
<u>Total Number of Customer Interruptions (CI)</u>	142,190	89.79	72,254	110.52	249,549	104.95	463,993	101.17
SAIFI = System Average Interruption Frequency Index								
<u>Total Number of Customer Interruptions (CI)</u>	142,190		72,254		249,549		463,993	
<u>Total Number of Customers Served (C)</u>	105,437	1.349	101,417	0.712	201,787	1.237	408,641	1.135
MAIFI₁ = Momentary Average Interruption Frequency Index								
<u>Total Number of Customer Momentary Interruption Events (CME)</u>	821,032		592,591		2,149,302		3,562,925	
<u>Total Number of Customers Served (C)</u>	105,437	7.79	101,417	5.84	201,787	10.65	408,641	8.72
CEMI5 = Customers Experiencing More Interruptions than 5								
<u>Number of Customers Experiencing More Interruptions than 5</u>	2,746		650		2,168		5,564	
<u>Total Number of Customers Served (C)</u>	105,437	2.60%	101,417	0.64%	201,787	1.07%	408,641	1.36%
L-Bar								
<u>Minutes of Interruption</u>							1,466,317	
<u>Total Number of Outages</u>							9,638	152.14



March 1, 2006

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

Re: Annual Distribution Service Reliability Report; Undocketed

Dear Ms. Bayo:

Pursuant to Rule 25-6.0455, F.A.C., enclosed for filing on behalf of Progress Energy Florida, Inc. are an original and fifteen (15) copies of the subject report for 2005.

Please acknowledge receipt of the above filing on the enclosed copy of this letter and return to undersigned. Also, enclosed is a 3 ½ inch diskette containing the above-referenced document in Excel format. Thank you for your assistance in this matter.

Respectfully yours,

A handwritten signature in black ink, appearing to read 'John T. Burnett', written over a horizontal line.

John T. Burnett

JTB/lms
Enclosure

ANNUAL DISTRIBUTION RELIABILITY REPORT 2005
Progress Energy Florida, Inc.

SAIDI = System Average Interruption Duration Index

= $\frac{\text{Sum of All Customer Minutes Interrupted (CMI)}}{\text{Total number of Customers Served (C)}}$ $\frac{117,870,105}{1,579,806}$ 74.6
(SAIDI)

CAIDI = Customer Average Interruption Duration Index

= $\frac{\text{Sum of All Customer Minutes Interrupted (CMI)}}{\text{Total number of Customers Interruptions (CI)}}$ $\frac{117,870,105}{1,766,627}$ 66.7
(CAIDI)

SAIFI = System Average Interruption Frequency Index

= $\frac{\text{Total number of Customers Interruptions (CI)}}{\text{Total number of Customers Served (C)}}$ $\frac{1,766,627}{1,579,806}$ 1.12
(SAIFI)

MAIFIe = Momentary Average Interruption Event

= $\frac{\text{Sum of All Customer Momentary Interruption Events (CME)}}{\text{Total number of Customers Served (C)}}$ $\frac{20,164,076}{1,579,806}$ 12.8
(MAIFIe)

L BAR

= $\frac{\text{Minutes of Interruption}}{\text{Total Number of Outages}}$ $\frac{4,541,884}{38,178}$ 119.0
(LBAR)

Service Reliability Indices Data						
Utility Name - Progress Energy Florida, Inc.						Year - 2005
District or Service Area	# Customers Served (C)	# Interruptions (N)	Customer Minutes of Interruption (CMI)	Customers Interrupted (CI)	Customer Momentary Interruption Events (CME)	# Customers Interrupted >5
North Coastal	183,861	6,964	17,943,747	222,480	2,067,882	2,724
South Coastal	647,997	12,145	41,693,794	674,487	8,264,201	4,027
North Central Florida	363,656	9,674	26,540,599	394,788	4,472,908	2,824
South Central Florida	384,292	9,395	31,691,965	474,872	5,359,085	6,460
System Total	1,579,806	38,178	117,870,105	1,766,627	20,164,076	16,035

Service Reliability Indices

Utility Name - PEFI

Year - 2005

District or Service Area (a)	SAIDI (b)	CAIDI (c)	SAIFI (d)	MAIFIE (e)	CEMIS (f)
North Coastal	97.6	80.7	1.21	11.2	1.48%
South Coastal	64.3	61.8	1.04	12.8	0.62%
North Central Florida	73.0	67.2	1.09	12.3	0.78%
South Central Florida	82.5	66.7	1.24	13.9	1.68%
System	74.6	66.7	1.12	12.8	1.01%

Primary Causes of Outage Events

Utility Name - Progress Energy Florida, Inc.

Year - 2005

CAUSE (a)	Number of Outage Events (N) (b)	Average Duration (L-Bar) (c)	Average Restoration Time (CAIDI) (d)
STORM	3,337	111	87.5
TREE-PREVENTABLE	3,814	107	70.9
ANIMAL(and Birds)	4,430	65	58.5
UNKNOWN	4,058	74	67.4
UG SECONDARY/SERV	4,139	156	163.7
DEFECTIVE EQUIP.	3,694	180	64.3
CONNECTR FAILURE	2,853	102	70.1
TREE-NONPREVENT	2,044	112	59.8
UG PRIMARY CABLE	2,586	198	85.1
LIGHTNING	3,277	116	85.9
All Other Causes	3,946	115	48.9
System Totals	38,178	119	66.7

LBAR and CAIDI include all devices.

3 percent Feeder List

Utility Name Progress Energy Florida, Inc.

Year 2005

Primary Circuit ID (a)	Substation on Origin (b)	Location (c)	Number of Customers					Breaker Outage Events "N" (l)	Avg Duration or "L-Bar" (l)	CAIDI (k)	Listed Last Year? (i)	No. of Years in the last 5 (2000 - 2004) (m)	Corrective Action Completion Date (n)
			Residential (d)	Commercial (e)	Industrial (f)	Other (g)	Total (h)						
A144	ALACHUA	MONTICELLO	426	77	3	20	526	3	93.4	103.8	No	1	9/20/2005
A159	CRYSTAL	INVERNESS	767	66	0	3	836	3	87.9	66.4	No	0	2/16/2006
A195	ARCHER	MONTICELLO	1	0	2	0	3	3	106.3	122.7	Yes	2	12/31/2006
A61	LAKE WEI	OCALA	1,091	83	0	8	1,182	2	91.7	96.9	No	0	5/27/2004
A87	FLORAL C	INVERNESS	1,216	98	0	17	1,331	3	95.3	58.5	No	0	10/1/2003
C12	CLEARWATER	CLEARWATER	1,622	291	4	40	1,957	6	98.8	28.3	Yes	2	12/31/2006
C4207	ANCLOTE	TARPON SPRINGS	2,142	28	0	21	2,191	3	100.2	52.8	No	1	7/1/2004
C4976	CURLEW	TARPON SPRINGS	2,263	123	0	17	2,403	4	117.9	23.4	No	0	12/1/2005
C956	ELFERS	SEVEN SPRINGS	3,119	203	1	12	3,335	3	94.9	64.2	No	0	10/1/2005
J115	STARKEY	WALSINGHAM	2,567	111	1	6	2,685	2	107.8	59.6	No	0	12/31/2006
J408	LARGO	CLEARWATER	1,089	243	28	2	1,362	4	103.9	36.0	Yes	1	12/31/2006
J684	ULMERTON	WALSINGHAM	2,101	196	1	4	2,302	3	91.9	40.8	No	1	12/31/2006
K101	FROSTPRO	LAKE WALES	2,422	176	0	28	2,626	2	137.9	78.6	No	0	12/31/2006
K1286	LAKE MAR	LAKE WALES	3,313	286	0	12	3,611	2	121.4	57.1	No	1	12/30/2005
K1287	LAKE MAR	LAKE WALES	1,670	118	0	32	1,820	2	120.4	54.6	Yes	1	10/21/2005
K1508	POINCIAN	LAKE WALES	2,612	41	0	8	2,661	6	131.8	38.3	No	0	9/22/2005
K1777	MEADOW W	CONWAY	2,840	97	0	15	2,952	4	143.9	54.1	No	0	12/31/2006
K201	WINTER G	WINTER GARDEN	1,722	254	13	56	2,045	3	108.3	34.6	No	0	12/31/2006
K2246	HEMPLE	WINTER GARDEN	1,911	106	0	19	2,036	2	118.5	75.8	No	1	12/31/2006
K4833	MONTVERD	CLERMONT	1,786	108	7	10	1,911	3	128.2	136.6	No	0	12/31/2006
K4834	MONTVERD	CLERMONT	2,103	221	4	24	2,352	4	94.1	30.5	No	0	12/31/2006
M34	ZELLWOOD	EUSTIS	1,374	225	0	18	1,617	3	139.4	54.9	No	1	1/23/2006
M477	PIEDMONT	APOPKA	1,300	109	0	9	1,418	3	154.5	66.4	Yes	1	2/16/2006
M726	APOPKA S	APOPKA	700	143	8	21	872	3	98.7	59.5	No	1	1/19/2006
N195	JENNINGS	MONTICELLO	390	82	0	24	496	3	85.3	40.7	No	0	11/4/2005
W0219	NARCOOSS	CONWAY	1,636	94	2	7	1,739	3	116.3	29.8	No	0	2/15/2006
W0630	HOLOPAW	CONWAY	571	52	0	9	632	6	113.8	43.5	No	2	8/30/2005
W0804	DELAND	DELAND	2,152	192	1	14	2,359	4	97.0	30.2	No	1	2/13/2006
W0955	BITHLO	JAMESTOWN	2,404	128	0	5	2,537	3	112.4	30.9	No	0	2/20/2006
W0973	RIO PINA	CONWAY	1,352	106	0	20	1,478	4	122.3	44.4	No	0	2/1/2006
W4565	DELTONA	DELAND	2,213	156	0	20	2,389	2	66.2	42.9	No	0	7/22/2005
X133	CROSSROA	ST. PETERSBURG	2,266	82	4	19	2,371	3	174.4	38.9	No	1	10/1/2005
X134	CROSSROA	ST. PETERSBURG	1,386	248	0	5	1,639	3	131.1	57.7	No	0	8/1/2005
X255	PILSBURY	ST. PETERSBURG	2,388	43	0	6	2,437	3	107.8	44.9	No	0	12/31/2006
X259	PILSBURY	ST. PETERSBURG	2,361	58	0	7	2,436	3	119.5	47.9	No	0	8/1/2005
X96	BAYWAY	ST. PETERSBURG	2,503	207	0	59	2,769	2	161.4	41.3	No	0	12/31/2006

LBAR and CAIDI include all devices.

AUSLEY & MCMULLEN

ATTORNEYS AND COUNSELORS AT LAW

227 SOUTH CALHOUN STREET
P.O. BOX 391 (ZIP 32302)
TALLAHASSEE, FLORIDA 32301
(850) 224-9115 FAX (850) 222-7560

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

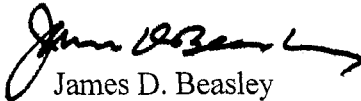
Dear Ms. Bayo:

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

01785 MAR-1 8

FPSC-COMMISSION CLERK



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

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

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

Year: 2005

Utility Name: Tampa Electric													
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.