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March 1, 2002

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

Dear Mr. Jenkins,

Enclosed are the original and five (5) copies of Florida Power & Light Company's (FPL) Annual Distribution Reliability Report for calendar year 2001.

Pursuant to Rule 25-6.0455, and consistent with the information previously agreed to, the following is provided:

- 1) SAIDI, CAIDI, SAIFI, MAIFIe, N, L-bar, (Attachment 1).
- 2) A list of the number of interruptions by causes and service type (Attachment 1).
- 3) The percent of customers experiencing more than five interruptions in 2001 (Attachment 1).
- 4) Three percent of FPL's feeders with the highest number of feeder breaker interruptions for 2001 (Attachment 2).

For the fourth consecutive year, FPL's SAIDI, the most comprehensive reliability indicator, has improved.

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

Sincerely,

William H. Feaster
Manager, Regulatory Affairs

cc: Blanca Bayo

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ANNUAL DISTRIBUTION RELIABILITY REPORT 2001

Attachment 1

Florida Power & Light

SAIDI = System Average Interruption Duration Index

$$= \frac{\text{Sum of All Customer Minutes Interrupted (CMI)}}{\text{Total number of Customers Served (C)}} = \frac{268,413,331}{3,886,995} = 69.1$$

CAIDI = Customer Average Interruption Duration Index

$$= \frac{\text{Sum of All Customer Minutes Interrupted (CMI)}}{\text{Total number of Customers Interruptions (CI)}} = \frac{268,413,331}{4,745,632} = 56.6$$

SAIFI = System Average Interruption Frequency Index

$$= \frac{\text{Total Number of Customer Interruption (CI)}}{\text{Total Number of Customers Served (C)}} = \frac{4,745,632}{3,886,995} = 1.22$$

MAIFI = Momentary Average Interruption Event

$$= \frac{\text{Sum of All Customer Momentary Interruption Events (CME)}}{\text{Total of Customers Served (C)}} = \frac{42,600,388}{3,886,995} = 10.96$$

L BAR = Minutes of Interruption
Total Number of Outages

$$= \frac{13,559,254}{87,927} = 154$$

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

Causes	Overhead	Underground	Undetermined	Total
Lightning	4,364	649	-	5,013
Other Weather	7,683	906	-	8,589
Vegetation	12,684	733	-	13,417
Animal	7,600	1,156	-	8,756
Vehicle	1,340	231	-	1,571
Dig-in	0	832	-	832
Unknown	16,225	11,598	-	27,823
Other*	-	-	-	-
Other**	12,431	6,717	-	19,148
Corrosion	1,242	398	-	1,640
Salt Spray Corrosion	359	79	-	438
Total	64,505	23,422	-	87,927

* List the next 3 highest causes for the Utility Report

** Other is equal to all causes not part of the FPSC causes reflected above

% Of Customers Experiencing >5 Interruptions = 2.4%

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Attachment 2

Florida Power & Light

3% Worst Performing Feeders

Feeder	Substation	Address	RES	COM	IND	Total	N	Lbar
401764	OLYMPIA	13400 POWERLINE RD.	1960	133	1	2094	11	50
405266	ACME	11150 ACME RD.	3036	347	0	3383	8	61
408462	ADAMS SUB	12200 ORANGE AVE.	326	189	0	515	7	135
504967	GOLDEN GATE	4001 15 AVE.	3497	194	0	3691	7	70
706265	VALENCIA 23KV	13000 SW 20 ST.	2517	122	1	2640	7	34
808632	BRANDON	15100 NW 7 AVE.	1722	178	1	1901	6	177
401434	WHITE CITY	641 WEATHERBEE RD.	916	185	4	1105	6	137
706264	VALENCIA 23KV	13000 SW 20 ST.	920	240	1	1161	6	97
801035	NORMANDY	9801 CRYSTAL SPRINGS RD. (JACKSONVILLE ELECTRIC AUTH.)	1419	177	0	1596	6	93
706964	CHAPEL 23KV	Ishoway Pass & SW 195 Tr.	2316	158	2	2476	6	78
801839	BISCAYNE	12635 NW 5 AVE.	2481	161	0	2642	6	60
707263	FLAMINGO	Flamingo Rd	2558	95	7	2660	6	54
808269	LINDGREN	8121 SW 137 AVE.	3636	207	1	3844	6	19
408861	ABERDEEN SUB.	7520 JOG RD.	3723	172	0	3895	5	302
808436	SNAKE CREEK	3875 NW 203 ST.	2300	48	0	2348	5	223
201134	PATRICK (ML)	S/O PATRICK AFB ON SR 3	1077	38	0	1115	5	164
806436	HAINLIN	SW 147 AVE. & 216 ST.	273	154	0	427	5	161
202831	CLEARLAKE (CO)	33 DORA AVE.	1909	198	3	2110	5	127
207262	CHULUOTA (SN)	695 BRUMLEY RD., CHULUOTA	2096	186	0	2282	5	113
801139	FRONTON	3795 NW 38 AVE.	943	392	1	1336	5	91
805236	NATOMA	2475 SW 16 CT.	1485	123	0	1608	5	89
101934	EDGEWATER (DY)	901 16 ST.	1793	316	1	2110	5	88
408664	HOMELAND	1113 WINDSOR LAKE RD., W.P.B	1495	264	1	1760	5	81
503965	ESTERO	4750 BROADWAY WEST	3600	154	1	3755	5	81
404234	BOCA TEECA	601 W. CLINTMORE RD.	2164	80	0	2244	5	77
807931	MIAMI LAKES	14501 NW 77 AVE.	552	52	1	605	5	70
800846	RAILWAY SOUTH	523 NW 11 ST.	7	91	4	102	5	63
704567	MALLARD 23KV	8300 BLOCK OF SOUTHGATE BLVD.	2848	181	0	3029	5	41
701134	LYONS 13KV	900 SE 15 ST.(MCNAB RD.)	1415	80	1	1496	5	38
408164	ROSS	4948 DONALD ROSS RD.	1931	108	0	2039	5	34
407163	CRANE	4000 SW SANDY TR.	2701	156	0	2857	5	33
805732	GALLOWAY	8850 SW 68 ST.	673	63	0	736	5	28
807164	PENNSUCO	10800 NW 107 AVE.	1023	123	1	1147	5	23
803633	SEABOARD	8175 NW 37 AVE.	250	186	2	438	4	260
700335	PINEHURST	2101 SW 9 AVE.	1409	290	0	1699	4	231
704262	IMAGINATION 23KV	E/O SW 160 AVE. ON 45 ST.	567	43	0	610	4	211
809765	SWEETWATER	13655 NW 6 ST.	2299	190	1	2490	4	205
101136	ORMOND (DY)	4400 STERTHUASE DR.	1157	162	0	1319	4	197
800240	MIAMI BEACH	EAST END OF MCARTHUR CSWY.	1112	43	1	1156	4	188
806033	GOLDEN GLADES	16700 NW 19 AVE.	1471	62	0	1533	4	168
802831	ARCH CREEK	12681 NE 14 AVE.	869	153	2	1024	4	166
811561	KOGER	82nd Ave & 62nd St NW	0	1257	7	1264	4	158
204062	DELTONA (SN)	1960 HOWLAND BLVD.	3047	94	2	3143	4	153
100532	MC MEEKIN (PL)	W/O SR 21 ON SR 20A	158	8	0	166	4	150
701436	PORT 13KV	SE 14 AVE. & ELLER DR.	83	213	4	300	4	150
704462	FASHION 23KV	1650 NE 26 ST.	0	98	3	101	4	150

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Feeder	Substation	Address	RES	COM	IND	Total	N	Lbar
400934	BELLE GLADE	741 NW AVE. "L"	1185	292	1	1478	4	141
810062	AVOCADO	SW 197 AVE. & 216 ST.	985	277	0	1262	4	141
503132	SOLANA	1405 SOLANA RD.	2443	296	0	2739	4	122
503636	EDISON	5813 WINKLER RD.	1801	245	0	2046	4	113
804236	PERRINE	10700 EUREKA DR.	1472	366	1	1839	4	111
507262	SAN CARLOS	7501 ALICO RD.	3162	271	0	3433	4	109
405333	BEELINE SUB	5101 SR 710	938	266	1	1205	4	108
102362	SAINT JOE (DY)	N/O ST. JOE RD. ON OLD KINGS HGWY.	2474	76	1	2551	4	103
400337	NORTHWOOD	9604 5 ST.	954	223	2	1179	4	95
408661	HOMELAND	1113 WINDSOR LAKE RD., W.P.B	2220	404	2	2626	4	93
800234	MIAMI BEACH	EAST END OF MCARTHUR CSWY.	897	22	1	920	4	93
203433	MICCO (ML)	5500 MICCO RD. (W/O US 1)	1986	221	1	2208	4	86
404239	BOCA TEECA	601 W. CLINTMORE RD.	2085	94	2	2181	4	86
100137	DAYTONA BEACH	132 N. SEAGRAVE ST.	1722	333	0	2055	4	84
809033	AVENTURA	2625 NE 206 ST.	1080	31	0	1111	4	84
207062	COX	880 COX RD.	2097	322	0	2419	4	80
800233	MIAMI BEACH	EAST END OF MCARTHUR CSWY.	259	134	0	393	4	80
807163	PENNSUCO	10800 NW 107 AVE.	87	346	4	437	4	80
700435	OAKLAND PARK 13KV	NE 38 ST. & 5 AVE.	258	90	0	348	4	79
404836	GERMANTOWN	1600 SW 10 ST.	2040	299	0	2339	4	78
700531	POMPANO 13KV	POWERLINE RD. & HAMMONDVILLE RD.	2254	195	3	2452	4	78
501066	FRUITVILLE 23KV	611 BELL RD.	1370	260	0	1630	4	71
703632	PALM AIRE 13KV	6275 NW 31 AVE.	2694	52	0	2746	4	71
102033	BULOW (DY)	JOHN ANDERSON HGWY. & N. WASHINGTON AVE	2159	79	0	2238	4	68
811064	PALMETTO SUB	6625 W 22ND CT.	2478	758	1	3237	4	68
201734	SYKES CREEK (CO)	970 MERRITT CSWY.	1461	124	1	1586	4	58
504368	PINE RIDGE	7100 GOODLETE FRANK RD.	4240	365	1	4606	4	58
101936	EDGEWATER (DY)	901 16 ST.	1634	94	1	1729	4	52
808533	SEMINOLA	W. 5 AVE. & 20 ST.	936	151	0	1087	4	49
100233	ST AUGUSTINE	RIBERA ST. & SAN SEBASTIAN RIVER	1042	342	1	1385	4	48
202232	MIMS (CO)	3528 SR 46 (2 MI. W/O US 1)	1565	120	0	1685	4	45
505661	ROTONDA 23KV	149 BOUNDARY BLVD.	3880	152	1	4033	4	45