

Table 1. 2002 Summary Statistics

Item	Value	U.S. Rank
Florida		
NERC Region(s).....		FRCC/SERC
Primary Energy Source		Coal
Net Summer Capability (megawatts).....	47,054	3
Electric Utilities	40,313	1
Independent Power Producers & Combined Heat and Power	6,740	12
Net Generation (megawatthours).....	203,352,775	3
Electric Utilities	182,346,629	1
Independent Power Producers & Combined Heat and Power	21,006,146	13
Emissions (thousand short tons)		
Sulfur Dioxide	502	7
Nitrogen Oxide	289	4
Carbon Dioxide	131,482	3
Sulfur Dioxide/sq. mile.....	9	12
Nitrogen Oxide/sq. mile.....	5	8
Carbon Dioxide/sq. mile.....	2,438	11
Utility and ESP Retail Electricity Sales (megawatthours).....	210,473,530	3
Utility Retail Electricity Sales (megawatthours)	210,473,530	2
Direct Use (megawatthours).....	6,576,949	6
Average Retail Price (cents/kWh).....	7.31	15

See footnotes at end of tables.

Table 2. Ten Largest Plants by Generating Capability, 2002

Plant	Energy Sources	Operating Company	Net Capability (MW)
Florida			
1. Crystal River.....	Petroleum, Nuclear, Coal	Florida Power Corp	3,144
2. Martin.....	Petroleum, Gas	Florida Power & Light Co	2,850
3. Turkey Point	Gas, Petroleum, Nuclear	Florida Power & Light Co	2,198
4. Fort Myers	Petroleum, Gas	Florida Power & Light Co	2,059
5. Big Bend	Petroleum, Coal	Tampa Electric Co	1,852
6. Lauderdale.....	Petroleum, Gas	Florida Power & Light Co	1,694
7. St Lucie.....	Nuclear	Florida Power & Light Co	1,678
8. Port Everglades.....	Gas, Petroleum	Florida Power & Light Co	1,632
9. Manatee.....	Gas, Petroleum	Florida Power & Light Co	1,620
10. Seminole.....	Petroleum, Coal	Seminole Electric Coop Inc	1,316

See footnotes at end of tables.

Table 3. Top Five Utilities Ranked by Retail Sales, 2002
(Megawatthours)

Utility	All Sectors	Residential	Commercial	Industrial	Other
Florida					
A. Florida Power & Light Company	95,542,625	50,875,435	40,037,337	4,058,048	571,805
B. Florida Power Corporation	36,859,347	18,753,816	11,420,084	3,835,061	2,850,386
C. Tampa Electric Company	17,925,140	8,046,430	5,831,617	2,611,973	1,435,120
D. JEA.....	11,925,601	5,072,732	3,839,135	2,901,895	111,839
E. Gulf Power Company	10,771,897	5,143,802	3,552,931	2,053,668	21,496
Total	173,024,610	87,892,215	64,681,104	15,460,645	4,990,646
Percentage of Utility Sales.....	82	81	83	82	86

See footnotes at end of tables.

Table 4. Electric Power Industry Generating Capability by Primary Energy Source, 1993, 1997, and 2002
(Megawatts)

Energy Source	1993	1997	2002	Annual Growth Rate 1993-2002 (Percent)	Percentage Share 1993	Percentage Share 1997	Percentage Share 2002
Florida							
Coal	10,030	10,823	11,301	1.3	27.0	26.8	24.0
Petroleum	5,568	5,693	4,894	-1.4	15.0	14.1	10.4
Natural Gas	2,669	3,515	3,570	3.3	7.2	8.7	7.6
Dual Fired	12,674	12,770	16,587	3.0	34.1	31.6	35.3
Nuclear	3,826	3,876	3,906	.2	10.3	9.6	8.3
Hydroelectric	47	47	50	.7	.1	.1	.1
Other Renewables	0	3	5	NM	.0	.0	.0
Total Electric Utilities	34,814	36,727	40,313	1.6	93.5	91.0	85.7
Coal	235	734	806	14.7	.6	1.8	1.7
Petroleum	66	58	18	-13.5	.2	.1	.0
Natural Gas	334	798	521	5.0	.9	2.0	1.1
Dual Fired	545	608	4,043	24.9	1.5	1.5	8.6
Other Renewables	875	1,080	962	1.1	2.4	2.7	2.0
Other	347	347	391	1.3	.9	.9	.8
Total IPP's & Combined Heat and Power	2,402	3,624	6,740	12.1	6.5	9.0	14.3
Coal	10,266	11,557	12,107	1.9	27.6	28.6	25.7
Petroleum	5,634	5,750	4,912	-1.5	15.1	14.3	10.4
Natural Gas	3,004	4,313	4,091	3.5	8.1	10.7	8.7
Dual Fired	13,219	13,378	20,630	5.1	35.5	33.2	43.8
Nuclear	3,826	3,876	3,906	.2	10.3	9.6	8.3
Hydroelectric	47	47	50	.7	.1	.1	.1
Other Renewables	875	1,083	967	1.1	2.4	2.7	2.1
Other	347	347	391	1.3	.9	.9	.8
Total Electric Industry	37,216	40,351	47,054	2.6	100.0	100.0	100.0

See footnotes at end of tables.

Table 5. Electric Power Industry Generation of Electricity by Primary Energy Source, 1993, 1997, and 2002
(Megawatthours)

Energy Source	1993	1997	2002	Annual Growth Rate 1993-2002 (Percent)	Percentage Share 1993	Percentage Share 1997	Percentage Share 2002
Florida							
Coal	61,889,050	66,034,628	60,997,142	-0.2	40.7	39.2	30.0
Petroleum	34,277,523	25,742,149	32,449,236	-6	22.6	15.3	16.0
Natural Gas	17,802,730	32,997,876	54,883,087	13.3	11.7	19.6	27.0
Nuclear	25,886,864	22,967,743	33,704,230	3.0	17.0	13.7	16.6
Hydroelectric	210,776	241,280	184,114	-1.5	.1	.1	.1
Other Renewables	0	0	128,820	NM	.0	.0	.1
Total Electric Utilities	140,066,943	147,983,676	182,346,629	3.0	92.2	88.0	89.7
Coal	1,249,624	4,899,877	4,929,251	16.5	.8	2.9	2.4
Petroleum	449,569	417,573	1,232,115	11.9	.3	.2	.6
Natural Gas	2,952,072	6,877,808	8,280,948	12.1	1.9	4.1	4.1
Other Gases	72,413	56,209	13,079	-17.3	.0	.0	.0
Other Renewables	5,466,581	5,953,025	5,014,581	-1.0	3.6	3.5	2.5
Other	1,676,955	2,058,826	1,536,172	-1.0	1.1	1.2	.8
Total IPP's & Combined Heat and Power	11,867,212	20,263,318	21,006,146	6.6	7.8	12.0	10.3
Coal	63,138,674	70,934,505	65,926,393	.5	41.6	42.2	32.4
Petroleum	34,727,092	26,159,722	33,681,351	-3	22.9	15.5	16.6
Natural Gas	20,754,802	39,875,684	63,164,035	13.2	13.7	23.7	31.1
Other Gases	72,413	56,209	13,079	-17.3	.0	.0	.0
Nuclear	25,886,864	22,967,743	33,704,230	3.0	17.0	13.7	16.6
Hydroelectric	210,776	241,280	184,114	-1.5	.1	.1	.1
Other Renewables	5,466,581	5,953,025	5,143,401	-7	3.6	3.5	2.5
Other	1,676,955	2,058,826	1,536,172	-1.0	1.1	1.2	.8
Total Electric Industry	151,934,155	168,246,994	203,352,775	3.3	100.0	100.0	100.0

See footnotes at end of tables.

Table 6. Electric Power Delivered Fuel Prices for Coal, Petroleum, and Natural Gas, 1993, 1997, and 2002

Fuel	1993	1997	2002	Annual Growth Rate 1993-2002 (Percent)
Florida				
Coal (2002 cents per million Btu)	197.0	177.3	176.2	-1.2
Average heat value (Btu per pound)	12,332	12,122	12,247	-1
Average sulfur Content(percent)	1.6	1.6	1.5	-1
Petroleum (2002 cents per million Btu)	245.4	260.9	324.0	3.1
Average heat value (Btu per gallon)	151,661	143,488	147,664	-3
Average sulfur Content(percent)	1.5	1.9	1.8	1.9
Gas (2002 cents per million Btu)	260.9	312.7	396.7	4.8
Average heat value (Btu per cubic foot)	1,009	1,044	1,026	.2

See footnotes at end of tables.

Table 7. Electric Power Industry Emissions Estimates, 1993, 1997, and 2002
(Thousand Short Tons)

Emission Type	1993	1997	2002	Annual Growth Rate 1993-2002 (Percent)
Florida				
Sulfur Dioxide				
Coal	463	472	303	-4.6
Petroleum	259	231	190	-3.3
Gas.....*	*	*	*	.0
Other.....	12	14	8	-4.9
Total	734	717	501	-4.2
Nitrogen Oxide				
Coal	239	220	188	-2.6
Petroleum	47	57	57	2.1
Gas.....	34	42	37	.8
Other.....	8	10	9	.8
Total	328	328	289	-1.4
Carbon Dioxide				
Coal	63,399	72,577	68,578	.9
Petroleum	29,487	23,402	30,160	.3
Gas.....	11,741	21,393	32,013	11.8
Other.....	632	684	731	1.6
Total	105,259	118,055	131,482	2.5

See footnotes at end of tables.

Table 8. Retail Sales, Revenue, and Average Revenue per Kilowatthour by Sector, 1993, 1997, and 2001

Sector	1993	1997	2002	Annual Growth Rate 1993-2002 (Percent)	Percentage Share 1993	Percentage Share 1997	Percentage Share 2002
Florida							
Retail Sales (thousand megawatthours)							
Residential.....	76,827	87,845	108,164	3.9	50.3	50.2	51.4
Commercial.....	54,876	63,337	77,561	3.9	35.9	36.2	36.8
Industrial	16,298	18,266	18,959	1.7	10.7	10.4	9.0
Other	4,747	5,593	5,789	2.2	3.1	3.2	2.8
Total	152,748	175,041	210,474	3.6	100.0	100.0	100.0
Retail Sales Revenue (million 2002 dollars)							
Residential.....	6,836	7,293	8,823	2.9	55.8	56.4	57.3
Commercial.....	4,087	4,306	5,150	2.6	33.4	33.3	33.5
Industrial	955	945	991	.4	7.8	7.3	6.4
Other	368	391	430	1.8	3.0	3.0	2.8
Total	12,247	12,936	15,394	2.6	100.0	100.0	100.0
Average Revenue per Kilowatthour (2002 cents/kWh)							
Residential.....	8.90	8.30	8.16	-1.0	NA	NA	NA
Commercial.....	7.45	6.80	6.64	-1.3	NA	NA	NA
Industrial	5.86	5.18	5.23	-1.3	NA	NA	NA
Other	7.75	6.99	7.43	-5	NA	NA	NA
Total	8.02	7.39	7.31	-1.0	NA	NA	NA

See footnotes at end of tables.

Table 9. Utility Retail Sales Statistics, 2002

Item	Investor-Owned	Public	Federal	Cooperative	Energy Service Providers	Total
Florida						
Number of Entities.....	5	32	0	16	0	53
Number of Retail Customers.....	6,493,560	1,178,945	0	860,774	0	8,533,279
Retail Sales (thousand megawatthours).....	161,843	32,987	0	15,644	0	210,474
Percentage of Retail Sales.....	76.89	15.67	.00	7.43	.00	100.00
Revenue from Retail Sales (million 2002 dollars).....	11,941	2,266	0	1,186	0	15,394
Percentage of Revenue.....	77.57	14.72	.00	7.71	.00	100.00
Revenue per Kilowatthour (2002 cents/kWh).....	7.38	6.87	.00	7.58	0	7.31

IPP = Independent Power Producer.

NA = Not available.

NM = Not meaningful.

* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is "1" and values under 0.5 are shown as "**".)