

Table 1. 2006 Summary Statistics

Item	Value	U.S. Rank
Florida		
NERC Region(s).....		FRCC/SERC
Primary Energy Source.....		Gas
Net Summer Capacity (megawatts)	53,206	3
Electric Utilities.....	45,184	1
Independent Power Producers & Combined Heat and Power.....	8,022	12
Net Generation (megawatthours).....	223,751,621	2
Electric Utilities.....	200,015,227	1
Independent Power Producers & Combined Heat and Power.....	23,736,394	13
Emissions (thousand metric tons)		
Sulfur Dioxide	329	10
Nitrogen Oxide	212	3
Carbon Dioxide.....	126,529	3
Sulfur Dioxide (lbs/MWh)	3.2	31
Nitrogen Oxide (lbs/MWh)	2.1	29
Carbon Dioxide (lbs/MWh).....	1,247	32
Total Retail Sales (megawatthours).....	228,219,544	3
Full Service Provider Sales (megawatthours)	228,219,544	3
Direct Use (megawatthours)	5,274,184	7
Average Retail Price (cents/kWh).....	10.45	13

See footnotes at end of tables.

Table 2. Ten Largest Plants by Generating Capacity, 2006

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
Florida			
1. Martin	Gas	Florida Power & Light Co	3,657
2. Crystal River.....	Coal	Progress Energy Florida Inc	3,151
3. Manatee	Gas	Florida Power & Light Co	2,734
4. Fort Myers	Gas	Florida Power & Light Co	2,415
5. Turkey Point	Nuclear	Florida Power & Light Co	2,196
6. Sanford.....	Gas	Florida Power & Light Co	2,066
7. Big Bend	Coal	Tampa Electric Co	1,710
8. Lauderdale	Gas	Florida Power & Light Co	1,699
9. St Lucie.....	Nuclear	Florida Power & Light Co	1,678
10. H. L. Culbreath Bayside	Gas	Tampa Electric Co	1,632

See footnotes at end of tables.

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2006
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
Florida						
1. Florida Power & Light Co.....	Investor-Owned	103,652,914	54,567,510	44,955,896	4,035,750	93,758
2. Progress Energy Florida Inc.....	Investor-Owned	39,431,837	20,020,717	15,251,098	4,160,022	-
3. Tampa Electric Co.....	Investor-Owned	19,025,064	8,720,867	8,024,186	2,279,363	648
4. JEA.....	Public	12,799,959	5,596,010	4,171,144	3,028,495	4,310
5. Gulf Power Co.....	Investor-Owned	11,428,880	5,425,491	3,866,950	2,136,439	-
Total Sales, Top Five Providers.....		186,338,654	94,330,595	76,269,274	15,640,069	98,716
Percent of Total State Sales.....		82	81	84	79	100

See footnotes at end of tables.

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1990, 1995, and 2001 Through 2006
(Megawatts)

Energy Source	1990	1995	2001	2002	2003	2004	2005	2006	Percentage Share	
									1990	2006
Florida										
Electric Utilities.....	32,714	35,857	38,240	40,313	41,996	42,619	45,196	45,184	95.8	84.9
Coal.....	9,971	10,069	10,783	11,301	10,223	9,653	9,634	9,564	29.2	18.0
Petroleum.....	11,107 ^R	13,478 ^R	12,552	10,650	10,063	10,715	10,611	10,593	32.5	19.9
Natural Gas.....	7,775 ^R	8,447 ^R	10,955	14,401	17,751	18,290	20,990	21,065	22.8	39.6
Nuclear.....	3,813	3,822	3,898	3,906	3,902	3,902	3,902	3,902	11.2	7.3
Hydroelectric.....	48	41	47	50	50	55	55	55	0.1	0.1
Other Renewables.....	-	-	5	5	8	5	5	5	-	*
Independent Power Producers and Combined Heat and Power.....	1,443	3,849	4,565	6,740	7,423	8,034	8,024	8,022	4.2	15.1
Coal.....	242	812	806	806	799	769	769	769	0.7	1.4
Petroleum.....	33	58	18	18	18	1,073	1,091	1,084	0.1	2.0
Natural Gas.....	171	1,570	2,642	4,564	5,300	4,945	4,950	4,970	0.5	9.3
Other Renewables.....	690	1,062	956	962	895	932	925	949	2.0	1.8
Other.....	307	347	144	391	410	315	289	251	0.9	0.5
Total Electric Industry.....	34,157	39,706	42,805	47,054	49,419	50,654	53,220	53,206	100.0	100.0
Coal.....	10,214	10,881	11,589	12,107	11,022	10,422	10,403	10,333	29.9	19.4
Petroleum.....	11,140 ^R	13,536 ^R	12,570	10,668	10,080	11,787	11,701	11,677	32.6	21.9
Natural Gas.....	7,946 ^R	10,017 ^R	13,596	18,965	23,051	23,236	25,941	26,035	23.3	48.9
Nuclear.....	3,813	3,822	3,898	3,906	3,902	3,902	3,902	3,902	11.2	7.3
Hydroelectric.....	48	41	47	50	50	55	55	55	0.1	0.1
Other Renewables.....	690	1,062	962	967	903	937	930	954	2.0	1.8
Other.....	307	347	144	391	410	315	289	251	0.9	0.5

See footnotes at end of tables.

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1990, 1995, and 2001 Through 2006
(Megawatthours)

Energy Source	1990	1995	2001	2002	2003	2004	2005	2006	Percentage Share	
									1990	2006
Florida										
Electric Utilities.....	123,623,905	147,156,684	170,966,177	182,346,629	188,034,719	193,383,664	196,096,285	200,015,227	94.0	89.4
Coal.....	59,073,203	61,864,438	63,090,794	60,997,142	62,094,661	60,013,823	57,559,411	60,413,597	44.9	27.0
Petroleum.....	25,092,296	21,583,186	39,075,398	32,449,236	35,545,897	35,824,155	36,122,039	22,508,349	19.1	10.1
Natural Gas.....	17,504,242	34,737,603	36,943,903	54,883,087	59,013,591	65,940,807	73,282,347	85,384,147	13.3	38.2
Nuclear.....	21,779,560	28,740,617	31,583,404	33,704,230	30,979,481	31,215,576	28,758,826	31,426,349	16.6	14.0
Hydroelectric.....	174,604	230,840	147,718	184,114	262,667	265,258	266,159	203,422	0.1	0.1
Other Renewables.....	-	-	114,577	123,335	130,639	124,045	107,503	79,363	-	*
Other.....	-	-	10,383	5,485	7,782	-	-	-	-	-
Independent Power Producers and Combined Heat and Power.....	7,878,648	20,257,688	19,979,167	21,006,145	24,575,293	24,734,264	24,160,127^R	23,736,394	6.0	10.6
Coal.....	1,027,054	3,897,403	5,136,944	4,929,251	5,579,919	4,863,044	4,972,028	5,017,937	0.8	2.2
Petroleum.....	442,842	704,315	1,504,541	1,232,115	1,658,672	1,405,828	1,107,469	434,434	0.3	0.2
Natural Gas.....	1,138,441	8,017,547	6,625,902	8,280,948	9,279,829	10,688,070	10,305,415	10,716,260	0.9	4.8
Other Gases.....	-	31,478	634	13,079	10,505	10,555	9,662 ^R	8,456	-	*
Other Renewables.....	3,817,209	5,579,958	3,675,180	3,616,445	4,343,450	4,390,615	4,256,351	4,293,112	2.9	1.9
Other.....	1,453,102	2,026,987	3,035,966	2,934,307	3,702,918	3,376,152	3,509,202	3,266,194	1.1	1.5
Total Electric Industry.....	131,502,553	167,414,372	190,945,344	203,352,774	212,610,012	218,117,928	220,256,412^R	223,751,621	100.0	100.0
Coal.....	60,100,257	65,761,841	68,227,738	65,926,393	67,674,580	64,876,867	62,531,439	65,431,534	45.7	29.2
Petroleum.....	25,535,138	22,287,501	40,579,939	33,681,351	37,204,569	37,229,983	37,229,508	22,942,783	19.4	10.3
Natural Gas.....	18,642,683	42,755,150	43,569,805	63,164,035	68,293,420	76,628,877	83,587,762	96,100,407	14.2	42.9
Other Gases.....	-	31,478	634	13,079	10,505	10,555	9,662 ^R	8,456	-	*
Nuclear.....	21,779,560	28,740,617	31,583,404	33,704,230	30,979,481	31,215,576	28,758,826	31,426,349	16.6	14.0
Hydroelectric.....	174,604	230,840	147,718	184,114	262,667	265,258	266,159	203,422	0.1	0.1
Other Renewables.....	3,817,209	5,579,958	3,789,757	3,739,780	4,474,089	4,514,660	4,363,854	4,372,475	2.9	2.0
Other.....	1,453,102	2,026,987	3,046,349	2,939,792	3,710,700	3,376,152	3,509,202	3,266,194	1.1	1.5

See footnotes at end of tables.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1990, 1995, and 2001 Through 2006

Fuel, Quality	1990	1995	2001	2002	2003	2004	2005	2006
Florida								
Coal (cents per million Btu)	185	179	172	176	176	192	231	256
Average heat value (Btu per pound)	12,364	12,296	12,105	12,263	12,281	12,249	12,227	12,142
Average sulfur Content (percent)	1.73	1.47	1.54	1.55	1.44	1.44	1.38	1.37
Petroleum (cents per million Btu)	302	247	339	324	389	392	581	568
Average heat value (Btu per gallon)	151,010	150,633	150,000	149,657	148,431	148,183	147,510	146,124
Average sulfur Content (percent)	1.21	1.47	1.57	1.78	1.99	1.96	1.99	2.47
Natural Gas (cents per million Btu)	253	224	453	397	573	629	844	835
Average heat value (Btu per cubic foot)	1,011	1,010	1,040	1,035	1,041	1,032	1,037	1,030

See footnotes at end of tables.

Table 7. Electric Power Industry Emissions Estimates, 1990, 1995, and 2001 Through 2006
(Thousand Metric Tons)

Emission Type	1990	1995	2001	2002	2003	2004	2005	2006
Florida								
Sulfur Dioxide								
Coal.....	436	377	270	260	240	236	205	197
Petroleum.....	168	146	265	185	213	193	190	117
Natural Gas.....	*	*	*	*	*	*	*	*
Other.....	28	35	13	14	15	15	17	15
Total.....	633	558	548	459	469	443	412	329
Nitrogen Oxide								
Coal.....	217	243	159	148	145	138	115	118
Petroleum.....	38	31	82	60	67	64	66	48
Natural Gas.....	26	47	38	39	30	29	27	24
Other.....	9	12	21	21	20	20	19	22
Total.....	290	333	299	268	262	250	227	212
Carbon Dioxide								
Coal.....	56,806	62,717	65,130	64,328	65,002	62,947	60,407	62,476
Petroleum.....	21,280	18,814	33,443	27,880	31,193	31,627	32,290	20,502
Natural Gas.....	11,209	21,127	21,626	29,474	30,248	32,918	35,263	41,090
Other Renewables.....	1,325	2,255	2,149	2,560	2,333	2,392	2,364	2,460
Total.....	90,620	104,913	122,348	124,242	128,776	129,884	130,325	126,529

See footnotes at end of tables.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1990, 1995, and 2001 Through 2006

Sector	1990	1995	2001	2002	2003	2004	2005	2006	Percentage Share	
									1990	2006
Florida										
Retail Sales (thousand megawatthours)										
Residential.....	71,115	85,770	101,377	108,164	112,650	112,203	115,791	117,053	49.5	51.3
Commercial.....	51,342	60,079	73,958	77,561	85,257	86,765	89,410	91,300	35.8	40.0
Industrial.....	16,605	16,473	19,854	18,959	19,375	19,518	19,676	19,768	11.6	8.7
Other.....	4,473	5,171	5,563	5,789	NA	NA	NA	NA	3.1	NA
Transportation.....	NA	NA	NA	NA	97	98	99	99	NA	*
All Sectors.....	143,535	167,492	200,752	210,474	217,379	218,584	224,977	228,220	100.0	100.0
Retail Revenue (million dollars)										
Residential.....	5,527	6,711	8,713	8,823	9,636	10,086	11,141	13,264	54.7	55.6
Commercial.....	3,421	3,838	5,239	5,150	6,083	6,601	7,293	9,048	33.9	37.9
Industrial.....	844	850	1,028	991	1,048	1,140	1,271	1,523	8.4	6.4
Other.....	306	346	423	430	NA	NA	NA	NA	3.0	NA
Transportation.....	NA	NA	NA	NA	7	7	8	10	NA	*
All Sectors.....	10,098	11,745	15,403	15,394	16,774	17,835	19,713	23,845	100.0	100.0
Average Retail Prices (cents/KWh)										
Residential.....	7.77	7.82	8.59	8.16	8.55	8.99	9.62	11.33	NA	NA
Commercial.....	6.66	6.39	7.08	6.64	7.13	7.61	8.16	9.91	NA	NA
Industrial.....	5.08	5.16	5.18	5.23	5.41	5.84	6.46	7.71	NA	NA
Other.....	6.83	6.69	7.60	7.43	NA	NA	NA	NA	NA	NA
Transportation.....	NA	NA	NA	NA	7.21	7.45	8.03	10.32	NA	NA
All Sectors.....	7.04	7.01	7.67	7.31	7.72	8.16	8.76	10.45	NA	NA

See footnotes at end of tables.

Table 9. Retail Electricity Sales Statistics, 2006

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Florida								
Number of Entities	5	32	NA	16	NA	NA	NA	53
Number of Retail Customers	7,126,772	1,277,301	NA	1,008,737	NA	NA	NA	9,412,810
Retail Sales (thousand megawatthours)	174,387	35,367	NA	18,465	NA	NA	NA	228,220
Percentage of Retail Sales	76.41	15.50	NA	8.09	NA	NA	NA	100.00
Revenue from Retail Sales (million dollars)	18,696	3,277	NA	1,872	NA	NA	NA	23,845
Percentage of Revenue	78.41	13.74	NA	7.85	NA	NA	NA	100.00
Average Retail Price (cents/kWh)	10.72	9.26	NA	10.14	NA	NA	NA	10.45

Table 9 Notes: Data are shown for All Sectors. Full Service Providers sell bundled electricity services (e.g., both energy and delivery) to end users. Full Service Providers may purchase electricity from others (such as independent Power Producers or other full service providers) prior to delivery. Other Providers sell either the energy or the delivery services, but not both. Sales volumes and customer counts shown for Other Providers refer to delivered electricity, which is a joint activity of both energy and delivery providers; for clarity, they are reported only in the Energy column in this table. The revenue shown under Other Providers represents the revenue realized from the sale of the energy and the delivery services distinctly. "Public" entities include municipalities, State power agencies, and municipal marketing authorities. "Federal" entities are either owned or financed by the Federal Government. "Cooperatives" are electric utilities legally established to be owned by and operated for the benefit of those using its services. The cooperative will generate, transmit and/or distribute supplies of electric energy to a specified area not being serviced by another utility. "Facility" sales represent direct electricity transactions from independent generators to end use consumers.

Table 10. Supply and Disposition of Electricity, 1990, 1995, and 2001 Through 2006
(Million Kilowatthours)

Category	1990	1995	2001	2002	2003	2004	2005	2006
Florida								
Supply								
Generation								
Electric Utilities	123,624	147,157	170,966	182,347	188,035	193,384	196,096	200,015
Independent Power Producers	1,696	4,082	5,675	7,247	8,276	10,334	10,189	10,156
Combined Heat and Power, Electric	647	9,333	8,957	9,242	10,335	8,779	8,515	8,656
Electric Power Sector Generation Subtotal	125,967	160,571	185,598	198,835	206,645	212,497	214,800	218,827
Combined Heat and Power, Commercial	245	111	107	111	73	96	97	91
Combined Heat and Power, Industrial	5,291	6,733	5,240	4,407	5,891	5,524	5,359	4,834
Industrial and Commercial Generation Subtotal	5,536	6,843	5,348	4,517	5,965	5,621	5,456	4,925
Total Net Generation	131,503	167,414	190,945	203,353	212,610	218,118	220,256	223,752
Total Supply	131,503	167,414	190,945	203,353	212,610	218,118	220,256	223,752
Disposition								
Retail Sales								
Full Service Providers	143,535	167,492	200,752	210,474	217,372	218,584	224,977	228,220
Facility Direct Retail Sales	-	-	-	-	7	-	-	-
Total Electric Industry Retail Sales	143,535	167,492	200,752	210,474	217,379	218,584	224,977	228,220
Direct Use	5,590	6,986	6,671	6,816	6,903	6,910	5,346	5,274
Estimated Losses	10,762	12,715	9,073	13,579	12,683	15,120	16,187	17,306
Total Disposition	159,886	187,194	216,497	230,869	236,965	240,615	246,510	250,800
Net Interstate Trade	-28,384	-19,779	-25,551	-27,517	-24,355	-22,497	-26,254	-27,048
Net Trade Index (ratio)	0.82	0.89	0.88	0.88	0.90	0.91	0.89	0.89

R = Revised.

NA = Not applicable; NM = Not meaningful.

W = Withheld to avoid disclosure of individual company data.

- = Data not available.

* = 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 *.)

Totals may not equal sum of components because of independent rounding.

Table 10 Notes: Estimated Losses are reported at the utility level, and then allocated to States based on the utility's retail sales by State. Reported losses may include electricity unaccounted for by the utility. Net Interstate Trade represents the difference between the amount of electricity produced in the State and consumed in the State. Positive values indicate a State that is a net interstate exporter of electricity; negative values indicate a State that is a net interstate importer of electricity. The Net Trade Index represents a State's electricity self-sufficiency. Values greater than 1 indicate that, on an annual net basis, the State supplied electricity consumed outside the State; values less than 1 indicate that, on an annual net basis, the State consumed electricity produced outside the State.

General Notes: Table 4 "Other Renewables" includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind. The "Other" category includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies. However, Table 5 "Other Renewables" includes only biogenic municipal solid waste, in addition to wood, black liquor, other wood waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind. In Table 5 "Other" includes Non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies. In Table 7, "Other Renewables" emissions include biogenic municipal solid waste, and other renewable waste.

Direct use is commercial or industrial use of electricity that (1) is self-generated (2) is produced by either the same entity that consumes the power or an affiliate, and (3) is used in direct support of a service or industrial process located within the same facility or group of facilities that houses the generating equipment. Direct use is exclusive of station use.