

**Table 1. 2006 Summary Statistics**

Item	Value	U.S. Rank
<b>Maine</b>		
NERC Region(s).....		NPCC
Primary Energy Source.....		Gas
Net Summer Capacity (megawatts) .....	<b>4,187</b>	<b>43</b>
Electric Utilities.....	19	49
Independent Power Producers & Combined Heat and Power.....	4,168	22
Net Generation (megawatthours).....	<b>16,816,173</b>	<b>43</b>
Electric Utilities.....	489	50
Independent Power Producers & Combined Heat and Power.....	16,815,684	18
Emissions (thousand metric tons) .....		
Sulfur Dioxide .....	17	41
Nitrogen Oxide .....	10	45
Carbon Dioxide.....	5,635	45
Sulfur Dioxide (lbs/MWh) .....	2.2	36
Nitrogen Oxide (lbs/MWh) .....	1.4	39
Carbon Dioxide (lbs/MWh).....	739	43
Total Retail Sales (megawatthours).....	<b>12,284,768</b>	<b>42</b>
Full Service Provider Sales (megawatthours) .....	831,667	51
Deregulated Sales (megawatthours) .....	11,453,101	8
Direct Use (megawatthours) .....	<b>4,344,309</b>	<b>8</b>
Average Retail Price (cents/kWh).....	<b>11.80</b>	<b>10</b>

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)
<b>Maine</b>			
1. William F Wyman .....	Petroleum	FPL Energy Wyman LLC	824
2. Westbrook Energy Center .....	Gas	Calpine Operating Services Ccompany Inc	506
3. Maine Independence Station .....	Gas	Casco Bay Energy Co LLC	490
4. Bucksport Mill .....	Gas	Verso Paper - Bucksport	269
5. Rumford Power Associates .....	Gas	Rumford Power	254
6. Great Lakes Hydro America - ME .....	Hydroelectric	Great Lakes Hydro America LLC	129
7. Androscoggin Energy Center .....	Gas	Verso Paper Androscoggin LLC	127
8. Somerset Plant .....	Other Renewables	Sappi Fine Paper North America-Somerset	115
9. Millinocket Mill.....	Petroleum	Katahdin Paper Inc	103
10. Harris .....	Hydroelectric	FPL Energy Maine Hydro LLC	87

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
1. CECG Maine, LLC.....	Other Provider	5,245,026	4,318,319	854,063	72,644	-
2. Constellation NewEnergy, Inc.....	Other Provider	2,263,809	-	2,105,388	158,421	-
3. WPS Energy Services.....	Other Provider	1,164,068	371,685	563,802	228,581	-
4. NewPage Corporation.....	Facility	662,852	-	-	662,852	-
5. Tractebel Energy Services Inc.....	Other Provider	297,619	-	297,619	-	-
Total Sales, Top Five Providers.....		9,633,374	4,690,004	3,820,872	1,122,498	-
Percent of Total State Sales.....		78	100	92	30	-

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
<b>Electric Utilities.....</b>	<b>2,407</b>	<b>2,432</b>	<b>17</b>	<b>16</b>	<b>19</b>	<b>19</b>	<b>19<sup>R</sup></b>	<b>19</b>	<b>64.7</b>	<b>0.5</b>
Petroleum.....	1,126	1,109	17	16	19	19	19 <sup>R</sup>	19	30.3	0.5
Nuclear.....	860	870	-	-	-	-	-	-	23.1	-
Hydroelectric.....	420	421	-	-	-	-	-	-	11.3	-
Other Renewables.....	-	32	-	-	-	-	-	-	-	-
<b>Independent Power Producers and Combined Heat and Power.....</b>	<b>1,312</b>	<b>1,358</b>	<b>4,191</b>	<b>4,272</b>	<b>4,266</b>	<b>4,170</b>	<b>4,166<sup>R</sup></b>	<b>4,168</b>	<b>35.3</b>	<b>99.5</b>
Coal.....	100	96	85	85	85	85	85 <sup>R</sup>	85	2.7	2.0
Petroleum.....	230	196	1,046	1,097	1,097	1,010	1,010 <sup>R</sup>	1,010	6.2	24.1
Natural Gas.....	25	-	1,659	1,674	1,670	1,658	1,658	1,655	0.7	39.5
Hydroelectric.....	339	352	681	718	721	722	720	719	9.1	17.2
Other Renewables.....	619	714	720	698	693	695	693	699	16.6	16.7
<b>Total Electric Industry.....</b>	<b>3,719</b>	<b>3,790</b>	<b>4,208</b>	<b>4,288</b>	<b>4,285</b>	<b>4,190</b>	<b>4,185</b>	<b>4,187</b>	<b>100.0</b>	<b>100.0</b>
Coal.....	100	96	85	85	85	85	85	85	2.7	2.0
Petroleum.....	1,356	1,305	1,063	1,113	1,116	1,029	1,030	1,030	36.5	24.6
Natural Gas.....	25	-	1,659	1,674	1,670	1,658	1,658	1,655	0.7	39.5
Nuclear.....	860	870	-	-	-	-	-	-	23.1	-
Hydroelectric.....	759	773	681	718	721	722	720	719	20.4	17.2
Other Renewables.....	619	746	720	698	693	695	693	699	16.6	16.7

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
<b>Maine</b>										
<b>Electric Utilities.....</b>	<b>9,063,595</b>	<b>2,668,381</b>	-	<b>865</b>	<b>1,409</b>	<b>1,121</b>	<b>827</b>	<b>489</b>	<b>56.8</b>	*
Petroleum.....	2,092,804	812,024	-	865	1,409	1,121	827	489	13.1	*
Nuclear.....	4,860,727	197,577	-	-	-	-	-	-	30.5	-
Hydroelectric.....	2,110,064	1,658,481	-	-	-	-	-	-	13.2	-
Other Renewables.....	-	299	-	-	-	-	-	-	-	-
<b>Independent Power Producers and Combined Heat and Power.....</b>	<b>6,882,419</b>	<b>7,094,670</b>	<b>19,564,821</b>	<b>22,534,169</b>	<b>18,970,227</b>	<b>19,097,765</b>	<b>18,843,151</b>	<b>16,815,684</b>	<b>43.2</b>	<b>100.0</b>
Coal.....	453,218	540,591	528,412	603,938	376,532	360,821	322,359	322,230	2.8	1.9
Petroleum.....	988,296	1,220,208	2,101,522	1,228,621	1,918,139	1,310,330	1,610,870	584,638	6.2	3.5
Natural Gas.....	50,786	7,219	10,052,949	13,503,963	9,438,704	9,826,264	8,398,454	7,299,020	0.3	43.4
Other Gases.....	-	5,290	-	48	34	38	54	-	-	-
Hydroelectric.....	1,980,472	1,695,431	2,645,123	2,767,847	3,172,623	3,430,249	4,090,926	4,278,132	12.4	25.4
Other Renewables.....	3,409,647	3,625,931	3,825,725	4,043,533	3,586,010	3,583,907	4,074,990 <sup>R</sup>	3,974,084	21.4	23.6
Other.....	-	-	411,090	386,219	478,184	586,156	345,498	357,580	-	2.1
<b>Total Electric Industry.....</b>	<b>15,946,014</b>	<b>9,763,051</b>	<b>19,564,821</b>	<b>22,535,034</b>	<b>18,971,636</b>	<b>19,098,886</b>	<b>18,843,978</b>	<b>16,816,173</b>	<b>100.0</b>	<b>100.0</b>
Coal.....	453,218	540,591	528,412	603,938	376,532	360,821	322,359	322,230	2.8	1.9
Petroleum.....	3,081,100	2,032,232	2,101,522	1,229,486	1,919,548	1,311,451	1,611,697	585,127	19.3	3.5
Natural Gas.....	50,786	7,219	10,052,949	13,503,963	9,438,704	9,826,264	8,398,454	7,299,020	0.3	43.4
Other Gases.....	-	5,290	-	48	34	38	54	-	-	-
Nuclear.....	4,860,727	197,577	-	-	-	-	-	-	30.5	-
Hydroelectric.....	4,090,536	3,353,912	2,645,123	2,767,847	3,172,623	3,430,249	4,090,926	4,278,132	25.7	25.4
Other Renewables.....	3,409,647	3,626,230	3,825,725	4,043,533	3,586,010	3,583,907	4,074,990 <sup>R</sup>	3,974,084	21.4	23.6
Other.....	-	-	411,090	386,219	478,184	586,156	345,498	357,580	-	2.1

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
<b>Maine</b>								
Coal (cents per million Btu)	-	-	-	241	W	W	W	W
Average heat value (Btu per pound)	-	-	-	13,138	13,124	12,854	12,823	12,784
Average sulfur Content (percent)	-	-	-	0.71	0.69	0.77	0.78	0.70
Petroleum (cents per million Btu)	279	261	-	388	556	504	W	762
Average heat value (Btu per gallon)	149,990	150,612	-	150,960	150,319	151,731	152,776	152,495
Average sulfur Content (percent)	0.88	0.74	-	1.15	0.81	1.02	1.12	1.33
Natural Gas (cents per million Btu)	-	-	-	391	584	628	W	W
Average heat value (Btu per cubic foot)	-	-	-	1,042	1,042	1,044	1,058	1,062

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
<b>Maine</b>								
<b>Sulfur Dioxide .....</b>								
Coal.....	5	3	1	1	1	2	2	2
Petroleum.....	39	7	21	10	9	9	11	7
Natural Gas.....	-	-	*	*	*	*	*	*
Other.....	8	11	7	10	9	9	9	8
Total.....	52	21	29	22	20	20	22	17
<b>Nitrogen Oxide .....</b>								
Coal.....	3	3	1	1	1	1	1	1
Petroleum.....	7	5	4	2	3	2	3	2
Natural Gas.....	*	*	2	1	2	2	*	*
Other.....	5	6	8	8	7	7	7	7
Total.....	14	14	16	12	13	12	12	10
<b>Carbon Dioxide .....</b>								
Coal.....	724	799	901	1,368	633	648	608	604
Petroleum.....	4,188	3,653	2,978	1,982	2,438	1,990	2,473	1,405
Natural Gas.....	10	6	4,490	6,172	4,149	4,251	3,460	3,105
Other Renewables.....	230	391	424	625	488	448	517	521
Total.....	5,152	4,848	8,793	10,147	7,708	7,337	7,058	5,635

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
<b>Maine</b>										
<b>Retail Sales (thousand megawatthours) .....</b>										
Residential.....	3,932	3,629	3,903	4,043	4,219	4,331	4,503	4,351	34.1	35.4
Commercial.....	2,673	2,835	3,779	3,789	3,959	4,325	4,157	4,134	23.2	33.7
Industrial.....	4,750	4,959	4,413	3,550	3,793	3,711	3,702	3,800	41.2	30.9
Other.....	174	138	57	59	NA	NA	NA	NA	1.5	NA
All Sectors.....	11,529	11,561	12,152	11,441	11,972	12,368	12,363	12,285	100.0	100.0
<b>Retail Revenue (million dollars).....</b>										
Residential.....	366	454	512	515	522	527	596	601	41.4	41.4
Commercial.....	214	292	440	405	409	428	442	514	24.3	35.4
Industrial.....	283	330	315	250	241	244	269	336	32.1	23.1
Other.....	19	22	15	14	NA	NA	NA	NA	2.1	NA
All Sectors.....	882	1,097	1,282	1,184	1,172	1,198	1,307	1,450	100.0	100.0
<b>Average Retail Prices (cents/KWh) .....</b>										
Residential.....	9.30	12.51	13.13	12.74	12.37	12.16	13.23	13.80	NA	NA
Commercial.....	8.03	10.28	11.64	10.68	10.34	9.89	10.63	12.42	NA	NA
Industrial.....	5.96	6.65	7.15	7.05	6.35	6.56	7.28	8.83	NA	NA
Other.....	10.85	15.67	25.40	23.39	NA	NA	NA	NA	NA	NA
All Sectors.....	7.65	9.49	10.55	10.35	9.79	9.69	10.57	11.80	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	
Number of Entities	1	4	NA	3	1	16	6	31
Number of Retail Customers	33	10,101	NA	2,471	1	762,050	NA	774,656
Retail Sales (thousand megawatthours)	*	154	NA	14	663	11,453	NA	12,285
Percentage of Retail Sales	*	1.26	NA	0.12	5.40	93.23	NA	100.00
Revenue from Retail Sales (million dollars)	*	18	NA	4	37	839	552	1,450
Percentage of Revenue	*	1.26	NA	0.25	2.53	57.86	38.11	100.00
Average Retail Price (cents/kWh)	13.38	11.83	NA	24.90	5.53	7.32	4.82	11.80

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
<b>Maine</b>								
<b>Supply</b>								
<b>Generation</b>								
Electric Utilities	9,064	2,668	-	1	1	1	1	*
Independent Power Producers	1,880	1,501	12,050	13,006	11,668	12,630	13,127	11,091
Combined Heat and Power, Electric	473	803	2,924	3,212	1,691	1,400	730	701
<b>Electric Power Sector Generation Subtotal</b>	<b>11,417</b>	<b>4,972</b>	<b>14,975</b>	<b>16,219</b>	<b>13,361</b>	<b>14,031</b>	<b>13,858</b>	<b>11,792</b>
Combined Heat and Power, Commercial	167	207	180	180	183	176	177	172
Combined Heat and Power, Industrial	4,362	4,584	4,410	6,136	5,428	4,892	4,809	4,852
<b>Industrial and Commercial Generation Subtotal</b>	<b>4,529</b>	<b>4,791</b>	<b>4,590</b>	<b>6,316</b>	<b>5,611</b>	<b>5,068</b>	<b>4,986</b>	<b>5,024</b>
<b>Total Net Generation</b>	<b>15,946</b>	<b>9,763</b>	<b>19,565</b>	<b>22,535</b>	<b>18,972</b>	<b>19,099</b>	<b>18,844</b>	<b>16,816</b>
<b>Total International Imports</b>	<b>2,339</b>	<b>4,622</b>	<b>2,902</b>	<b>2,277</b>	<b>2,676</b>	<b>3,922</b>	<b>4,391</b>	<b>3,779</b>
<b>Total Supply</b>	<b>18,285</b>	<b>14,385</b>	<b>22,466</b>	<b>24,812</b>	<b>21,647</b>	<b>23,021</b>	<b>23,235</b>	<b>20,595</b>
<b>Disposition</b>								
<b>Retail Sales</b>								
Full Service Providers	11,529	11,561	3,985	1,025	398	463	173	169
Energy-Only Providers	-	-	8,167	10,416	11,203	11,775	11,993	11,453
Facility Direct Retail Sales	-	-	-	-	371	130	196	663
<b>Total Electric Industry Retail Sales</b>	<b>11,529</b>	<b>11,561</b>	<b>12,152</b>	<b>11,441</b>	<b>11,972</b>	<b>12,368</b>	<b>12,363</b>	<b>12,285</b>
<b>Direct Use</b>	<b>4,251</b>	<b>4,401</b>	<b>4,221</b>	<b>4,313</b>	<b>4,368</b>	<b>4,372</b>	<b>2,588</b>	<b>4,344</b>
<b>Total International Exports</b>	<b>115</b>	<b>45</b>	<b>81</b>	<b>192</b>	<b>236</b>	<b>124</b>	<b>368</b>	<b>592</b>
<b>Estimated Losses</b>	<b>864</b>	<b>878</b>	<b>1,437</b>	<b>424</b>	<b>304</b>	<b>446</b>	<b>489</b>	<b>376</b>
<b>Total Disposition</b>	<b>16,760</b>	<b>16,885</b>	<b>17,891</b>	<b>16,371</b>	<b>16,880</b>	<b>17,310</b>	<b>15,808</b>	<b>17,597</b>
<b>Net Interstate Trade</b>	<b>1,525</b>	<b>-2,499</b>	<b>4,575</b>	<b>8,442</b>	<b>4,767</b>	<b>5,710</b>	<b>7,427</b>	<b>2,998</b>
<b>Net Trade Index (ratio)</b>	<b>1.09</b>	<b>0.85</b>	<b>1.26</b>	<b>1.52</b>	<b>1.28</b>	<b>1.33</b>	<b>1.47</b>	<b>1.17</b>

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.