

**Table 1. 2006 Summary Statistics**

Item	Value	U.S. Rank
<b>New Hampshire</b>		
NERC Region(s).....		NPCC
Primary Energy Source.....		Nuclear
Net Summer Capacity (megawatts) .....	<b>4,340</b>	<b>42</b>
Electric Utilities.....	1,116	41
Independent Power Producers & Combined Heat and Power.....	3,224	28
Net Generation (megawatthours).....	<b>22,063,695</b>	<b>42</b>
Electric Utilities.....	4,574,520	41
Independent Power Producers & Combined Heat and Power.....	17,489,175	17
Emissions (thousand metric tons) .....		
Sulfur Dioxide .....	37	34
Nitrogen Oxide.....	9	46
Carbon Dioxide.....	7,065	43
Sulfur Dioxide (lbs/MWh) .....	3.7	26
Nitrogen Oxide (lbs/MWh) .....	0.9	46
Carbon Dioxide (lbs/MWh).....	706	45
Total Retail Sales (megawatthours).....	<b>11,094,343</b>	<b>46</b>
Full Service Provider Sales (megawatthours) .....	10,048,822	45
Deregulated Sales (megawatthours) .....	1,045,521	18
Direct Use (megawatthours) .....	<b>124,832</b>	<b>43</b>
Average Retail Price (cents/kWh).....	<b>13.84</b>	<b>6</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>New Hampshire</b>			
1. Seabrook .....	Nuclear	FPL Energy Seabrook LLC	1,244
2. Granite Ridge.....	Gas	Granite Ridge Energy LLC	797
3. Newington Power Facility.....	Gas	Newington Energy LLC	525
4. Merrimack .....	Coal	Public Service Co of NH	466
5. Newington .....	Petroleum	Public Service Co of NH	400
6. S C Moore.....	Hydroelectric	TransCanada Hydro Northeast Inc.,	191
7. Comerford.....	Hydroelectric	TransCanada Hydro Northeast Inc.,	161
8. Schiller.....	Coal	Public Service Co of NH	149
9. Berlin Gorham .....	Petroleum	Fraser NH LLC	35
10. Berlin Gorham .....	Hydroelectric	Great Lakes Hydro America LLC	30

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
<b>New Hampshire</b>						
1. Public Service Co of NH .....	Investor-Owned	7,462,688	3,087,531	3,204,713	1,170,444	-
2. Unitil Energy Systems .....	Investor-Owned	1,048,943	500,109	429,151	119,683	-
3. Granite State Electric Co .....	Investor-Owned	749,207	298,083	380,895	70,229	-
4. New Hampshire Elec Coop Inc .....	Cooperative	735,926	447,197	236,297	52,432	-
5. Constellation NewEnergy, Inc .....	Other Provider	469,777	-	435,978	33,799	-
Total Sales, Top Five Providers .....		10,466,541	4,332,920	4,687,034	1,446,587	-
Percent of Total State Sales .....		94	98	100	68	-

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>New Hampshire</b>										
<b>Electric Utilities.....</b>	<b>2,638</b>	<b>2,506</b>	<b>1,128</b>	<b>1,105</b>	<b>1,121</b>	<b>1,121</b>	<b>1,121</b>	<b>1,116</b>	<b>90.7</b>	<b>25.7</b>
Coal.....	622	578	575	575	575	575	575	528	21.4	12.2
Petroleum.....	546 <sup>R</sup>	489 <sup>R</sup>	489	465	481	482	482	482	18.8	11.1
Nuclear.....	1,150	1,155	-	-	-	-	-	-	39.6	-
Hydroelectric .....	319	284	64	64	65	64	64	68	11.0	1.6
Other Renewables.....	-	-	-	-	-	-	-	37	-	0.9
<b>Independent Power Producers and Combined Heat and Power .....</b>	<b>269</b>	<b>245</b>	<b>1,715</b>	<b>2,322</b>	<b>3,123</b>	<b>3,149</b>	<b>3,200</b>	<b>3,224</b>	<b>9.3</b>	<b>74.3</b>
Petroleum.....	35	32	32	32	32	46	47	47	1.2	1.1
Natural Gas .....	5	-	24	549	1,354	1,354	1,354	1,354	0.2	31.2
Nuclear.....	-	-	1,161	1,161	1,159	1,159	1,220	1,244	-	28.7
Hydroelectric .....	88	88	366	449	447	454	443	443	3.0	10.2
Other Renewables.....	141	125	132	130	131	136	136	136	4.9	3.1
<b>Total Electric Industry.....</b>	<b>2,907</b>	<b>2,751</b>	<b>2,843</b>	<b>3,427</b>	<b>4,244</b>	<b>4,270</b>	<b>4,321</b>	<b>4,340</b>	<b>100.0</b>	<b>100.0</b>
Coal.....	622	578	575	575	575	575	575	528	21.4	12.2
Petroleum.....	581 <sup>R</sup>	522 <sup>R</sup>	521	497	513	528	529	529	20.0	12.2
Natural Gas .....	5 <sup>R</sup>	- <sup>R</sup>	24	549	1,354	1,354	1,354	1,354	0.2	31.2
Nuclear.....	1,150	1,155	1,161	1,161	1,159	1,159	1,220	1,244	39.6	28.7
Hydroelectric .....	408	371	429	514	511	518	507	512	14.0	11.8
Other Renewables.....	141	125	132	130	131	136	136	173	4.9	4.0

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>New Hampshire</b>										
<b>Electric Utilities.....</b>	<b>10,810,155</b>	<b>13,936,033</b>	<b>13,095,085</b>	<b>12,276,456</b>	<b>6,231,573</b>	<b>6,169,110</b>	<b>5,638,000</b>	<b>4,574,520</b>	<b>87.1</b>	<b>20.7</b>
Coal.....	2,959,203	3,367,488	3,706,399	3,722,386	3,923,303	4,076,075	4,072,987	3,885,433	23.9	17.6
Petroleum.....	2,293,037	1,003,899	428,990	595,575	1,976,692	1,770,459	1,187,323	230,474	18.5	1.0
Natural Gas.....	-	201,304	42,143	95,547	87	78	1,114	61,054	-	0.3
Nuclear.....	4,080,691	8,379,376	8,692,743	7,599,861	-	-	-	-	32.9	-
Hydroelectric.....	1,477,224	983,966	224,810	263,087	331,491	322,498	376,576	342,231	11.9	1.6
Other Renewables.....	-	-	-	-	-	-	-	55,328	-	0.3
<b>Independent Power Producers and Combined Heat and Power.....</b>	<b>1,595,041</b>	<b>1,498,346</b>	<b>1,979,539</b>	<b>3,676,622</b>	<b>15,365,534</b>	<b>17,706,677</b>	<b>18,832,013<sup>R</sup></b>	<b>17,489,175</b>	<b>12.9</b>	<b>79.3</b>
Petroleum.....	53,456	60,857	52,687	54,134	67,834	189,349	169,819	207,076	0.4	0.9
Natural Gas.....	-	-	76,383	124,822	4,165,378	5,400,332	6,783,621	5,947,173	-	27.0
Nuclear.....	-	-	-	1,694,756	9,276,288	10,177,573	9,455,885	9,397,856	-	42.6
Hydroelectric.....	403,863	385,924	765,769	877,853	999,778	993,258	1,422,327	1,186,679	3.3	5.4
Other Renewables.....	1,137,722	1,051,565	1,025,621	864,954	795,896	883,251	941,899	691,073	9.2	3.1
Other.....	-	-	59,079	60,103	60,360	62,915	58,462	59,317	-	0.3
<b>Total Electric Industry.....</b>	<b>12,405,196</b>	<b>15,434,379</b>	<b>15,074,624</b>	<b>15,953,078</b>	<b>21,597,107</b>	<b>23,875,787</b>	<b>24,470,013<sup>R</sup></b>	<b>22,063,695</b>	<b>100.0</b>	<b>100.0</b>
Coal.....	2,959,203	3,367,488	3,706,399	3,722,386	3,923,303	4,076,075	4,072,987	3,885,433	23.9	17.6
Petroleum.....	2,346,493	1,064,756	481,677	649,709	2,044,526	1,959,808	1,357,142	437,550	18.9	2.0
Natural Gas.....	-	201,304	118,526	220,369	4,165,465	5,400,410	6,784,735	6,008,227	-	27.2
Nuclear.....	4,080,691	8,379,376	8,692,743	9,294,617	9,276,288	10,177,573	9,455,885	9,397,856	32.9	42.6
Hydroelectric.....	1,881,087	1,369,890	990,579	1,140,940	1,331,269	1,315,756	1,798,903	1,528,910	15.2	6.9
Other Renewables.....	1,137,722	1,051,565	1,025,621	864,954	795,896	883,251	941,899	746,401	9.2	3.4
Other.....	-	-	59,079	60,103	60,360	62,915	58,462	59,317	-	0.3

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>New Hampshire</b>								
Coal (cents per million Btu)	178	159	167	180	170	202	244	256
Average heat value (Btu per pound)	13,303	13,111	13,050	13,245	13,262	13,199	13,087	13,196
Average sulfur Content (percent)	1.81	1.38	1.34	1.17	1.09	1.16	1.32	1.29
Petroleum (cents per million Btu)	227	233	337	371	W	W	W	782
Average heat value (Btu per gallon)	154,329	154,402	151,190	152,400	152,724	152,883	154,024	155,071
Average sulfur Content (percent)	1.86	1.51	0.81	1.48	1.52	1.39	1.15	1.01
Natural Gas (cents per million Btu)	-	183	239	388	W	W	W	W
Average heat value (Btu per cubic foot)	-	1,018	1,010	1,051	1,047	1,045	1,044	1,043

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>New Hampshire</b>								
<b>Sulfur Dioxide</b> .....								
Coal.....	37	33	40	35	30	34	37	35
Petroleum.....	23	8	5	5	21	17	9	2
Natural Gas.....	-	*	-	-	*	*	*	*
Other.....	*	*	1	*	1	1	*	*
Total.....	60	41	46	41	52	52	47	37
<b>Nitrogen Oxide</b> .....								
Coal.....	15	8	6	5	5	5	6	6
Petroleum.....	3	1	1	2	4	3	2	1
Natural Gas.....	-	*	*	*	2	1	1	1
Other.....	1	1	3	2	2	2	2	2
Total.....	19	11	9	9	13	12	11	9
<b>Carbon Dioxide</b> .....								
Coal.....	2,816	3,260	3,690	3,664	3,834	4,001	4,063	4,121
Petroleum.....	2,115	1,009	503	658	1,817	1,826	1,327	433
Natural Gas.....	-	121	195	128	1,840	2,230	2,665	2,398
Other Renewables.....	102	101	108	104	109	112	111	112
Total.....	5,032	4,492	4,496	4,554	7,599	8,169	8,166	7,065

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>New Hampshire</b>										
<b>Retail Sales (thousand megawatthours)</b> .....										
Residential.....	3,444	3,364	3,789	4,003	4,252	4,282	4,495	4,401	38.4	39.7
Commercial.....	2,010	3,226	3,911	4,024	4,318	4,363	4,576	4,563	22.4	41.1
Industrial.....	3,418	2,286	2,483	2,222	2,403	2,328	2,174	2,131	38.1	19.2
Other.....	107	131	133	134	NA	NA	NA	NA	1.2	NA
All Sectors.....	8,980	9,007	10,316	10,383	10,973	10,973	11,245	11,094	100.0	100.0
<b>Retail Revenue (million dollars)</b> .....										
Residential.....	356	454	473	476	509	535	607	646	43.6	42.1
Commercial.....	191	367	412	405	445	480	552	642	23.4	41.8
Industrial.....	256	219	226	202	234	233	249	248	31.3	16.1
Other.....	14	16	18	17	NA	NA	NA	NA	1.7	NA
All Sectors.....	816	1,056	1,129	1,100	1,188	1,248	1,408	1,536	100.0	100.0
<b>Average Retail Prices (cents/KWh)</b> .....										
Residential.....	10.34	13.50	12.49	11.89	11.98	12.49	13.51	14.68	NA	NA
Commercial.....	9.50	11.38	10.53	10.06	10.30	10.99	12.06	14.07	NA	NA
Industrial.....	7.47	9.56	9.11	9.09	9.75	10.01	11.48	11.62	NA	NA
Other.....	12.74	12.32	13.28	12.84	NA	NA	NA	NA	NA	NA
All Sectors.....	9.09	11.72	10.95	10.60	10.83	11.37	12.53	13.84	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	
<b>New Hampshire</b>								
Number of Entities	3	5	NA	1	1	5	4	19
Number of Retail Customers	601,475	11,843	NA	77,058	2	1,417	NA	691,795
Retail Sales (thousand megawatthours)	9,123	186	NA	736	4	1,046	NA	11,094
Percentage of Retail Sales	82.24	1.67	NA	6.63	0.03	9.42	NA	100.00
Revenue from Retail Sales (million dollars)	1,283	19	NA	100	1	94	38	1,536
Percentage of Revenue	83.58	1.25	NA	6.49	0.03	6.14	2.50	100.00
Average Retail Price (cents/kWh)	13.92	10.35	NA	13.55	13.25	9.02	3.67	13.84

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>New Hampshire</b>								
<b>Supply</b>								
<b>Generation</b>								
Electric Utilities	10,810	13,936	13,095	12,276	6,232	6,169	5,638	4,575
Independent Power Producers	1,135	1,099	1,574	3,385	15,014	17,315	18,438	17,297
Combined Heat and Power, Electric	93	85	80	20	-	-	-	-
<b>Electric Power Sector Generation Subtotal</b>	<b>12,038</b>	<b>15,120</b>	<b>14,749</b>	<b>15,681</b>	<b>21,245</b>	<b>23,484</b>	<b>24,076</b>	<b>21,872</b>
Combined Heat and Power, Commercial	28	25	31	30	34	33	30	25
Combined Heat and Power, Industrial	338	290	295	242	318	358	364	167
<b>Industrial and Commercial Generation Subtotal</b>	<b>367</b>	<b>315</b>	<b>326</b>	<b>272</b>	<b>352</b>	<b>392</b>	<b>394</b>	<b>192</b>
<b>Total Net Generation</b>	<b>12,405</b>	<b>15,434</b>	<b>15,075</b>	<b>15,953</b>	<b>21,597</b>	<b>23,876</b>	<b>24,470</b>	<b>22,064</b>
<b>Total International Imports</b>	<b>37</b>	<b>1,276</b>	<b>766</b>	<b>326</b>	<b>200</b>	<b>452</b>	<b>575</b>	<b>581</b>
<b>Total Supply</b>	<b>12,442</b>	<b>16,711</b>	<b>15,840</b>	<b>16,279</b>	<b>21,797</b>	<b>24,328</b>	<b>25,045</b>	<b>22,644</b>
<b>Disposition</b>								
<b>Retail Sales</b>								
Full Service Providers	8,980	9,007	10,314	10,213	10,668	10,848	11,111	10,045
Energy-Only Providers	-	-	1	170	148	110	123	1,046
Facility Direct Retail Sales	-	-	-	-	156	15	11	4
<b>Total Electric Industry Retail Sales</b>	<b>8,980</b>	<b>9,007</b>	<b>10,316</b>	<b>10,383</b>	<b>10,973</b>	<b>10,973</b>	<b>11,245</b>	<b>11,094</b>
<b>Direct Use</b>	<b>425</b>	<b>397</b>	<b>440</b>	<b>450</b>	<b>456</b>	<b>456</b>	<b>216</b>	<b>125</b>
<b>Total International Exports</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>53</b>	<b>28</b>	<b>84</b>	<b>106</b>
<b>Estimated Losses</b>	<b>673</b>	<b>684</b>	<b>568</b>	<b>725</b>	<b>392</b>	<b>618</b>	<b>667</b>	<b>695</b>
<b>Total Disposition</b>	<b>10,078</b>	<b>10,089</b>	<b>11,323</b>	<b>11,559</b>	<b>11,873</b>	<b>12,075</b>	<b>12,212</b>	<b>12,020</b>
<b>Net Interstate Trade</b>	<b>2,364</b>	<b>6,622</b>	<b>4,517</b>	<b>4,720</b>	<b>9,924</b>	<b>12,253</b>	<b>12,833</b>	<b>10,624</b>
<b>Net Trade Index (ratio)</b>	<b>1.23</b>	<b>1.66</b>	<b>1.40</b>	<b>1.41</b>	<b>1.84</b>	<b>2.01</b>	<b>2.05</b>	<b>1.88</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.