Table 1. 2005 Summary Statistics

Item	Value	U.S. Rank
New Hampshire		
NERC Region(s)		**NPCC**
Primary Energy Source		**Nuclear**
Net Summer Capability (megawatts)	**4,321**	**42**
Electric Utilities	1,121	42
Independent Power Producers & Combined Heat and Power	3,200	28
Net Generation (megawatthours)	**24,470,014**[R]	**42**
Electric Utilities	5,638,000	42
Independent Power Producers & Combined Heat and Power	18,832,013[R]	15
Emissions (thousand metric tons)		
Sulfur Dioxide	47	35
Nitrogen Oxide	11	46
Carbon Dioxide	8,166	43
Sulfur Dioxide (lbs/MWh)	4.2	24
Nitrogen Oxide (lbs/MWh)	1.0	44
Carbon Dioxide (lbs/MWh)	736	46
Total Retail Sales (megawatthours)	**11,244,628**	**45**
Full Service Provider Sales (megawatthours)	11,121,954	42
Deregulated Sales (megawatthours)	122,674	19
Direct Use (megawatthours)	**216,095**	**40**
Average Retail Price (cents/kWh)	**12.53**	**3**

See footnotes at end of tables.

Table 2. Ten Largest Plants by Generating Capability, 2005

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
New Hampshire			
1. Seabrook	Nuclear	FPL Energy Seabrook LLC	1,220
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	160
9. Berlin Gorham	Other Renewables	Fraser NH LLC	35
10. Berlin Gorham	Hydroelectric	Great Lakes Hydro America LLC	29

See footnotes at end of tables.

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2005

(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
New Hampshire						
1. Public Service Co of NH	Investor-Owned	8,139,053	3,162,455	3,365,996	1,610,602	0
2. Unitil Energy Systems	Investor-Owned	1,238,842	509,532	441,981	287,329	0
3. Granite State Electric Co	Investor-Owned	804,068	300,484	410,295	93,289	0
4. New Hampshire Elec Coop Inc	Cooperative	747,260	455,956	237,476	53,828	0
5. Town of Littleton	Public	78,928	19,736	17,034	42,158	0
Total Sales, Top Five Providers		11,008,151	4,448,163	4,472,782	2,087,206	0
Percent of Total State Sales		98	99	99	94	0

See footnotes at end of tables.

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005

(Megawatts)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
New Hampshire										
Electric Utilities	**2,638**	**2,506**	**2,290**	**1,128**	**1,105**	**1,121**	**1,121**	**1,121**	**90.7**	**25.9**
Coal	622	578	575	575	575	575	575	575	21.4	13.3
Petroleum	124	83	489	489	465	481	482	482	4.3	11.2
Natural Gas	422	406	-	-	-	-	-	-	14.5	-
Nuclear	1,150	1,155	1,161	-	-	-	-	-	39.6	-
Hydroelectric	319	284	64	64	64	65	64	64	11.0	1.5
Independent Power Producers and Combined Heat and Power	**269**	**245**	**566**	**1,715**	**2,322**	**3,123**	**3,149**	**3,200**	**9.3**	**74.1**
Petroleum	35	32	24	32	32	32	46	47	1.2	1.1
Natural Gas	5	-	19	24	549	1,354	1,354	1,354	0.2	31.3
Nuclear	-	-	-	1,161	1,161	1,159	1,159	1,220	-	28.2
Hydroelectric	88	88	379	366	449	447	454	443	3.0	10.3
Other Renewables	141	125	144	132	130	131	136	136	4.9	3.1
Total Electric Industry	**2,907**	**2,751**	**2,855**	**2,843**	**3,427**	**4,244**	**4,270**	**4,321**	**100.0**	**100.0**
Coal	622	578	575	575	575	575	575	575	21.4	13.3
Petroleum	159	116	513	521	497	513	528	529	5.5	12.2
Natural Gas	427	406	19	24	549	1,354	1,354	1,354	14.7	31.3
Nuclear	1,150	1,155	1,161	1,161	1,161	1,159	1,159	1,220	39.6	28.2
Hydroelectric	408	371	443	429	514	511	518	507	14.0	11.7
Other Renewables	141	125	144	132	130	131	136	136	4.9	3.1

See footnotes at end of tables.

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005

(Megawatthours)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
New Hampshire										
Electric Utilities	**10,810,155**	**13,936,033**	**12,701,500**	**13,095,085**	**12,276,456**	**6,231,573**	**6,169,110**	**5,638,000**	**87.1**	**23.0**
Coal	2,959,203	3,367,488	3,965,476	3,706,399	3,722,386	3,923,303	4,076,075	4,072,987	23.9	16.6
Petroleum	2,293,037	1,003,899	409,661	428,990	595,575	1,976,692	1,770,459	1,187,323	18.5	4.9
Natural Gas	-	201,304	76,789	42,143	95,547	87	78	1,114	-	*
Nuclear	4,080,691	8,379,376	7,921,880	8,692,743	7,599,861	-	-	-	32.9	-
Hydroelectric	1,477,224	983,966	327,694	224,810	263,087	331,491	322,498	376,576	11.9	1.5
Independent Power Producers and Combined Heat and Power	**1,595,041**	**1,498,346**	**2,329,999**	**1,979,539**	**3,676,622**	**15,365,534**	**17,706,677**	**18,832,014**[R]	**12.9**	**77.0**
Petroleum	53,456	60,857	61,667	52,687	54,134	67,834	189,349	169,819	0.4	0.7
Natural Gas	-	-	62,154	76,383	124,822	4,165,378	5,400,332	6,783,621	-	27.7
Nuclear	-	-	-	-	1,694,756	9,276,288	10,177,573	9,455,885	-	38.6
Hydroelectric	403,863	385,924	1,099,520	765,769	877,853	999,778	993,258	1,422,327[R]	3.3	5.8
Other Renewables	1,137,722	1,051,565	1,106,658	1,025,621	864,954	795,896	883,251	941,899	9.2	3.8
Other	-	-	-	59,079	60,103	60,360	62,915	58,462	-	0.2
Total Electric Industry	**12,405,196**	**15,434,379**	**15,031,499**	**15,074,624**	**15,953,078**	**21,597,107**	**23,875,787**	**24,470,014**[R]	**100.0**	**100.0**
Coal	2,959,203	3,367,488	3,965,476	3,706,399	3,722,386	3,923,303	4,076,075	4,072,987	23.9	16.6
Petroleum	2,346,493	1,064,756	471,328	481,677	649,709	2,044,526	1,959,808	1,357,142	18.9	5.5
Natural Gas	-	201,304	138,943	118,526	220,369	4,165,465	5,400,410	6,784,735	-	27.7
Nuclear	4,080,691	8,379,376	7,921,880	8,692,743	9,294,617	9,276,288	10,177,573	9,455,885	32.9	38.6
Hydroelectric	1,881,087	1,369,890	1,427,214	990,579	1,140,940	1,331,269	1,315,756	1,798,903[R]	15.2	7.4
Other Renewables	1,137,722	1,051,565	1,106,658	1,025,621	864,954	795,896	883,251	941,899	9.2	3.8
Other	-	-	-	59,079	60,103	60,360	62,915	58,462	-	0.2

See footnotes at end of tables.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1990, 1995, and 2000 Through 2005

Fuel, Quality	1990	1995	2000	2001	2002	2003	2004	2005
New Hampshire								
Coal (cents per million Btu)	178.1	158.9	148.5	167.2	180.3	170.3	201.6	243.7
Average heat value (Btu per pound)	13,303	13,111	13,114	13,050	13,245	13,262	13,199	13,087
Average sulfur Content (percent)	1.8	1.4	1.3	1.3	1.2	1.1	1.2	1.3
Petroleum (cents per million Btu)	226.9	232.6	345.3	336.7	370.5	W	W	W
Average heat value (Btu per gallon)	154,329	154,402	153,740	151,190	152,400	152,724	152,883	154,024
Average sulfur Content (percent)	1.9	1.5	1.6	0.8	1.5	1.5	1.4	1.2
Natural Gas (cents per million Btu)	-	182.6	315.1	238.7	388.3	W	W	W
Average heat value (Btu per cubic foot)	-	1,018	1,069	1,010	1,051	1,047	1,045	1,044

See footnotes at end of tables.

Table 7. Electric Power Industry Emissions Estimates, 1990, 1995, and 2000 Through 2005

(Thousand Metric Tons)

Emission Type	1990	1995	2000	2001	2002	2003	2004	2005
New Hampshire								
Sulfur Dioxide								
Coal	37	33	42	40	35	30	34	37
Petroleum	23	8	5	5	5	21	17	9
Natural Gas	-	*	*	-	-	*	*	*
Other	*	*	*	1	*	1	1	*
Total	60	41	47	46	41	52	52	47
Nitrogen Oxide								
Coal	15	8	7	6	5	5	5	6
Petroleum	3	1	1	1	2	4	3	2
Natural Gas	-	*	*	*	*	2	1	1
Other	1	1	1	3	2	2	2	2
Total	19	11	9	9	9	13	12	11
Carbon Dioxide								
Coal	2,816[R]	3,260[R]	4,050[R]	3,690	3,664	3,834	4,001	4,063
Petroleum	2,115[R]	1,009[R]	500[R]	503	658	1,817	1,826	1,327
Natural Gas	-	121[R]	199[R]	195	128	1,840	2,230	2,665
Other Renewables	102[R]	101[R]	104[R]	108	104	109	112	111
Total	5,032[R]	4,492[R]	4,852[R]	4,496	4,554	7,599	8,169	8,166

See footnotes at end of tables.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1990, 1995, and 2000 Through 2005

Sector	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
New Hampshire										
Retail Sales (thousand megawatthours)										
Residential	3,444	3,364	3,656	3,789	4,003	4,252	4,282	4,495	38.4	40.0
Commercial	2,010	3,226	3,774	3,911	4,024	4,318	4,363	4,576	22.4	40.7
Industrial	3,418	2,286	2,597	2,483	2,222	2,403	2,328	2,174	38.1	19.3
Other	107	131	131	133	134	NA	NA	NA	1.2	NA
All Sectors	8,980	9,007	10,159	10,316	10,383	10,973	10,973	11,245	100.0	100.0
Retail Revenue (million dollars)										
Residential	356	454	481	473	476	509	535	607	43.6	43.1
Commercial	191	367	408	412	405	445	480	552	23.4	39.2
Industrial	256	219	238	226	202	234	233	249	31.3	17.7
Other	14	16	16	18	17	NA	NA	NA	1.7	NA
All Sectors	816	1,056	1,143	1,129	1,100	1,188	1,248	1,408	100.0	100.0
Average Retail Prices (cents/KWh)										
Residential	10.34	13.50	13.15	12.49	11.89	11.98	12.49	13.51	NA	NA
Commercial	9.50	11.38	10.81	10.53	10.06	10.30	10.99	12.06	NA	NA
Industrial	7.47	9.56	9.17	9.11	9.09	9.75	10.01	11.48	NA	NA
Other	12.74	12.32	12.41	13.28	12.84	NA	NA	NA	NA	NA
All Sectors	9.09	11.72	11.25	10.95	10.60	10.83	11.37	12.53	NA	NA

See footnotes at end of tables.

Table 9. Retail Electricity Sales Statistics, 2005

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
New Hampshire								
Number of Entities	3	5	NA	1	2	4	4	19
Number of Retail Customers	595,123	11,687	NA	76,121	3	12	NA	682,946
Retail Sales (thousand megawatthours)	10,179	184	NA	747	11	123	NA	11,245
Percentage of Retail Sales	90.53	1.64	NA	6.65	0.10	1.09	NA	100.00
Revenue from Retail Sales (million dollars)	1,280	17	NA	99	1	8	3	1,408
Percentage of Revenue	90.92	1.19	NA	7.05	0.04	0.58	0.23	100.00
Average Retail Price (cents/kWh)	12.58	9.07	NA	13.28	5.04	6.66	2.64	12.53

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.

Other Notes: NA = Not applicable; NM = Not meaningful;
W = Withheld to avoid disclosure of individual company data.
* = 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.
The “Other Renewables” category for Tables 4 and 5 includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, tires, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy and wind. In Table 7, “Other Renewables” emissions include non-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.