Table 1. 2003 Summary Statistics

Item	Value	U.S. Rank
New Hampshire		
NERC Region(s)		NPCC
Primary Energy Source		Nuclear
Net Summer Capability (megawatts)	4,244	43
Electric Utilities	1,121	43
Independent Power Producers & Combined Heat and Power	3,124	28
Net Generation (megawatthours)	21,597,107	42
Electric Utilities	6,231,573	40
Independent Power Producers & Combined Heat and Power	15,365,534	16
Emissions (thousand metric tons)		
Sulfur Dioxide	52	33
Nitrogen Oxide	10	46
Carbon Dioxide	7,600	44
Sulfur Dioxide (lbs/MWh)	5.3	20
Nitrogen Oxide (lbs/MWh)	1.1	44
Carbon Dioxide (lbs/MWh)	776	44
Total Retail Sales (megawatthours)	10,972,542	44
Full Service Provider Sales (megawatthours)	10,824,276	41
Deregulated Sales (megawatthours)	148,266	17
Direct Use (megawatthours)	455,577	37
Average Retail Price (cents/kWh)	10.83	5

See footnotes at end of tables.

Table 2. Ten Largest Plants by Generating Capability, 2003

Plant	Energy Sources	Operating Company	Net Summer Capability (MW)
New Hampshire			
1. Seabrook	Nuclear	FPL Energy Seabrook LLC	1,159
2. AES Granite Ridge	Gas	AES Granite Ridge	797
3. Newington Power Facility	Petroleum, Gas	Newington Energy LLC	525
4. Merrimack	Petroleum, Coal	Public Service Co of NH	466
5. Newington	Petroleum	Public Service Co of NH	400
6. S C Moore	Hydro	U S Gen New England Inc	184
7. Comerford	Hydro	U S Gen New England Inc	161
8. Schiller	Gas, Petroleum, Coal	Public Service Co of NH	160
9. Berlin Gorham	Hydro	Great Lakes Hydro America LLC	29
10. Pinetree Power Tamworth	Other	Pinetree Power Tamworth Inc	20

See footnotes at end of tables.

Table 3. Top Five Providers of Retail Electricity, 2003
(Megawatthours)

Entity	Ownership Type	All Sectors	Residential	Commercial	Industrial	Transportation
New Hampshire						
1. Public Service Co of NH	Investor-Owned	7,751,049	2,943,769	3,123,495	1,683,785	0
2. Unitil Energy Systems	Investor-Owned	1,211,068	476,221	415,330	319,517	0
3. Granite State Electric Co	Investor-Owned	718,703	283,141	368,368	67,194	0
4. New Hampshire Elec Coop Inc	Cooperative	690,094	426,274	218,734	45,086	0
5. Connecticut Valley Elec Co Inc	Investor-Owned	155,263	59,615	75,392	20,256	0
Total Sales, Top Five Providers		10,526,177	4,189,020	4,201,319	2,135,838	0
Percent of Total State Sales		96	99	97	89	0

See footnotes at end of tables.

Table 4. Electric Power Industry Net Summer Capability by Primary Energy Source, 1994, 1998, and 2003
(Megawatts)

Energy Source	1994	1998	2003	Annual Growth Rate 1994-2003 (Percent)	Percentage Share		
					1994	1998	2003
New Hampshire							
Electric Utilities	**2,500**	**2,292**	**1,121**	**–8.5**	**90.8**	**80.5**	**26.4**
Coal	578	578	575	–.1	21.0	20.3	13.5
Petroleum	66	64	64	–.3	2.4	2.2	1.5
Dual Fired	423	424	417	–.2	15.4	14.9	9.8
Nuclear	1,150	1,162	0	NM	41.8	40.8	.0
Hydroelectric	283	64	65	–15.1	10.3	2.2	1.5
Independent Power Producers and Combined Heat and Power	**252**	**555**	**3,124**	**32.3**	**9.2**	**19.5**	**73.6**
Petroleum	29	35	32	1.1	1.1	1.2	.8
Natural Gas	0	0	291	NM	.0	.0	6.9
Dual Fired	4	10	1,064	86.0	.1	.4	25.1
Nuclear	0	0	1,159	NM	.0	.0	27.3
Hydroelectric	89	380	447	19.6	3.2	13.3	10.5
Other Renewables	130	130	131	.1	4.7	4.6	3.1
Total Electric Industry	**2,753**	**2,848**	**4,244**	**4.9**	**100.0**	**100.0**	**100.0**
Coal	578	578	575	–.1	21.0	20.3	13.5
Petroleum	96	100	96	.0	3.5	3.5	2.3
Natural Gas	0	0	291	NM	.0	.0	6.9
Dual Fired	427	434	1,481	14.8	15.5	15.2	34.9
Nuclear	1,150	1,162	1,159	.1	41.8	40.8	27.3
Hydroelectric	372	444	511	3.6	13.5	15.6	12.0
Other Renewables	130	130	131	.1	4.7	4.6	3.1

See footnotes at end of tables.

Table 5. Electric Power Industry Generation by Primary Energy Source, 1994, 1998, and 2003
(Megawatthours)

Energy Source	1994	1998	2003	Annual Growth Rate 1994-2003 (Percent)	Percentage Share		
					1994	1998	2003
New Hampshire							
Electric Utilities	**11,888,117**	**14,237,580**	**6,231,573**	**–6.9**	**88.3**	**88.5**	**28.9**
Coal	3,181,654	3,513,065	3,923,303	2.4	23.6	21.8	18.2
Petroleum	1,352,611	1,352,598	1,976,692	4.3	10.0	8.4	9.2
Natural Gas	114,587	9,837	87	–55.0	.9	.1	.0
Nuclear	6,203,747	8,387,023	0	NM	46.1	52.1	.0
Hydroelectric	1,035,518	975,057	331,491	–11.9	7.7	6.1	1.5
Independent Power Producers and Combined Heat and Power	**1,574,382**	**1,851,273**	**15,365,534**	**28.8**	**11.7**	**11.5**	**71.1**
Petroleum	67,967	101,256	67,834	*	.5	.6	.3
Natural Gas	0	13,472	4,165,378	NM	.0	.1	19.3
Nuclear	0	0	9,276,288	NM	.0	.0	43.0
Hydroelectric	425,809	621,691	999,778	9.9	3.2	3.9	4.6
Other Renewables	1,080,606	1,114,854	856,256	–2.6	8.0	6.9	4.0
Total Electric Industry	**13,462,499**	**16,088,853**	**21,597,107**	**5.4**	**100.0**	**100.0**	**100.0**
Coal	3,181,654	3,513,065	3,923,303	2.4	23.6	21.8	18.2
Petroleum	1,420,578	1,453,854	2,044,526	4.1	10.6	9.0	9.5
Natural Gas	114,587	23,309	4,165,465	49.1	.9	.1	19.3
Nuclear	6,203,747	8,387,023	9,276,288	4.6	46.1	52.1	43.0
Hydroelectric	1,461,327	1,596,748	1,331,269	–1.0	10.9	9.9	6.2
Other Renewables	1,080,606	1,114,854	856,256	–2.6	8.0	6.9	4.0

See footnotes at end of tables.

Table 6. Electric Power Delivered Fuel Prices for Coal, Petroleum, and Natural Gas, 1994, 1998, and 2003

Fuel, Quality	1994	1998	2003	Annual Growth Rate 1994-2003 (Percent)
New Hampshire				
Coal (cents per million Btu)	152.2	161.2	170.3	1.3
Average heat value (Btu per pound)	13,032	13,133	13,262	.2
Average sulfur Content (percent)	1.5	1.4	1.1	–3.6
Petroleum (cents per million Btu)	199.5	187.2	W	W
Average heat value (Btu per gallon)	153,466	151,852	152,724	–.1
Average sulfur Content (percent)	1.5	1.5	1.5	.1
Natural Gas (cents per million Btu)	209.7	.0	W	W
Average heat value (Btu per cubic foot)	1,015	0	1,047	.3

See footnotes at end of tables.

Table 7. Electric Power Industry Emissions Estimates, 1994, 1998, and 2003
(Thousand Metric Tons)

Emission Type	1994	1998	2003	Annual Growth Rate 1994-2003 (Percent)
New Hampshire				
Sulfur Dioxide				
Coal	34	35	30	–1.2
Petroleum	11	15	21	6.7
Natural Gas	—	—	*	NM
Other	*	*	1	33.7
Total	46	50	52	1.5
Nitrogen Oxide				
Coal	17	11	5	–12.2
Petroleum	2	3	3	6.8
Gas	*	*	1	17.3
Other	1	2	1	1.8
Total	20	15	10	–6.9
Carbon Dioxide				
Coal	3,088	3,561	3,838	2.4
Petroleum	1,329	1,477	1,815	3.5
Gas	68	15	1,838	44.2
Geothermal	—	—	—	NM
Other	29	26	109	15.6
Total	4,515	5,081	7,600	6.0

See footnotes at end of tables.

Table 8. Retail Sales, Revenue, and Average Retail Price by Sector, 1994, 1998, and 2003

Sector	1994	1998	2003	Annual Growth Rate 1994-2003 (Percent)	Percentage Share		
					1994	1998	2003
New Hampshire							
Retail Sales (thousand megawatthours)							
Residential	3,431	3,401	4,252	2.4	38.3	36.6	38.8
Commercial	3,221	3,351	4,318	3.3	36.0	36.0	39.3
Industrial	2,182	2,425	2,403	1.1	24.4	26.1	21.9
Other	122	127	NA	NM	1.4	1.4	NA
Total	8,956	9,303	10,973	2.3	100.0	100.0	100.0
Retail Revenue (million dollars)							
Residential	443	473	509	1.6	43.7	42.7	42.8
Commercial	351	389	445	2.7	34.6	35.1	37.5
Industrial	203	228	234	1.6	20.0	20.6	19.7
Other	16	17	NA	NM	1.6	1.5	NA
Total	1,014	1,107	1,188	1.8	100.0	100.0	100.0
Average Retail Price (cents/kWh)							
Residential	12.91	13.92	11.98	–.8	NA	NA	NA
Commercial	10.91	11.64	10.30	–.6	NA	NA	NA
Industrial	9.32	9.42	9.75	.5	NA	NA	NA
Other	13.36	13.76	NA	NM	NA	NA	NA
Total	11.32	11.93	10.83	–.5	NA	NA	NA

See footnotes at end of tables.

Table 9. Retail Electricity Sales Statistics, 2003

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
New Hampshire								
Number of Entities	4	5	NA	1	4	4	2	20
Number of Retail Customers	576,788	11,147	NA	73,727	5	106	NA	661,773
Retail Sales (thousand megawatthours)	9,803	175	NA	690	156	148	NA	10,973
Percentage of Retail Sales	89.34	1.60	NA	6.29	1.42	1.35	NA	100.00
Revenue from Retail Sales (million dollars)	1,048	16	NA	92	21	7	4	1,188
Percentage of Revenue	88.23	1.33	NA	7.78	1.79	.57	.30	100.00
Average Retail Price (cents/kWh)	10.70	8.99	NA	13.40	13.59	4.55	2.44	10.83

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 service. 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;
Table 4 ''Other Renewables'' includes generation from municipal solid waste; Table 7 ''Other'' includes emissions from municipal solid 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.