

Table 1. 2002 Summary Statistics

Item	Value	U.S. Rank
New Hampshire		
NERC Region(s).....		NPCC
Primary Energy Source		Nuclear
Net Summer Capability (megawatts).....	3,427	43
Electric Utilities	1,105	43
Independent Power Producers & Combined Heat and Power	2,322	28
Net Generation (megawatthours).....	15,953,078	43
Electric Utilities	12,276,456	37
Independent Power Producers & Combined Heat and Power	3,676,622	35
Emissions (thousand short tons)		
Sulfur Dioxide	44	39
Nitrogen Oxide	8	47
Carbon Dioxide	4,986	45
Sulfur Dioxide/sq. mile.....	5	20
Nitrogen Oxide/sq. mile.....	1	34
Carbon Dioxide/sq. mile.....	556	31
Utility and ESP Retail Electricity Sales (megawatthours).....	10,490,029	44
Utility Retail Electricity Sales (megawatthours)	10,319,936	43
ESP Retail Electricity Sales (megawatthours).....	170,093	18
Direct Use (megawatthours).....	394,007	34
Average Retail Price (cents/kWh).....	10.49	6

See footnotes at end of tables.

Table 2. Ten Largest Plants by Generating Capability, 2002

Plant	Energy Sources	Operating Company	Net Capability (MW)
New Hampshire			
1. Seabrook.....	Nuclear	FPL Energy Seabrook LLC	1,161
2. Newington Power Facil.....	Nuclear	Newington Energy LLC	525
3. Merrimack.....	Petroleum, Coal	Public Service Co of NH	449
4. Newington.....	Gas, Petroleum	Public Service Co of NH	400
5. S C Moore	Hydro	U S Gen New England Inc	184
6. Comerford	Hydro	U S Gen New England Inc	162
7. Schiller	Gas, Petroleum, Coal	Public Service Co of NH	160
8. Berlin Gorham	Petroleum, Other, Hydro	Great Lakes Hydro America LLC	29
9. Pinetree Power Tamwor.....	Other	Pinetree Power Tamworth Inc	20
10. Amoskeag.....	Hydro	Public Service Co of NH	18

See footnotes at end of tables.

Table 3. Top Five Utilities Ranked by Retail Sales, 2002
(Megawatthours)

Utility	All Sectors	Residential	Commercial	Industrial	Other
New Hampshire					
A. Public Service Company of NH	7,403,568	2,765,211	2,968,628	1,646,481	23,248
B. Granite State Electric Company.....	744,950	267,526	382,326	91,909	3,189
C. New Hampshire Elec Coop, Inc.....	657,703	395,880	208,253	52,050	1,520
D. Exeter & Hampton Electric Co.....	626,419	286,727	141,021	165,144	33,527
E. Concord Electric Company.....	554,265	171,070	160,345	152,668	70,182
Total	9,986,905	3,886,414	3,860,573	2,108,252	131,666
Percentage of Utility Sales.....	95	96	96	92	92

See footnotes at end of tables.

Table 4. Electric Power Industry Generating Capability by Primary Energy Source, 1993, 1997, and 2002
(Megawatts)

Energy Source	1993	1997	2002	Annual Growth Rate 1993-2002 (Percent)	Percentage Share 1993	Percentage Share 1997	Percentage Share 2002
New Hampshire							
Coal	578	578	575	0.0	20.8	20.6	16.8
Petroleum	66	66	48	-3.5	2.4	2.3	1.4
Dual Fired	423	423	417	-2	15.3	15.1	12.2
Nuclear	1,150	1,162	0	NM	41.5	41.4	.0
Hydroelectric	291	284	64	-15.5	10.5	10.1	1.9
Total Electric Utilities	2,508	2,512	1,105	-8.7	90.5	89.6	32.2
Petroleum	25	30	32	2.6	.9	1.1	.9
Natural Gas	0	0	543	NM	.0	.0	15.8
Dual Fired	5	7	7	4.1	.2	.2	.2
Nuclear	0	0	1,161	NM	.0	.0	33.9
Hydroelectric	89	88	449	19.7	3.2	3.1	13.1
Other Renewables	145	168	130	-1.1	5.2	6.0	3.8
Total IPP's & Combined Heat and Power	264	292	2,322	27.3	9.5	10.4	67.8
Coal	578	578	575	.0	20.8	20.6	16.8
Petroleum	92	96	80	-1.5	3.3	3.4	2.3
Natural Gas	0	0	543	NM	.0	.0	15.8
Dual Fired	428	430	424	-1	15.4	15.3	12.4
Nuclear	1,150	1,162	1,161	.1	41.5	41.4	33.9
Hydroelectric	380	371	514	3.4	13.7	13.2	15.0
Other Renewables	145	168	130	-1.1	5.2	6.0	3.8
Total Electric Industry	2,771	2,804	3,427	2.4	100.0	100.0	100.0

See footnotes at end of tables.

Table 5. Electric Power Industry Generation of Electricity by Primary Energy Source, 1993, 1997, and 2002
(Megawatthours)

Energy Source	1993	1997	2002	Annual Growth Rate 1993-2002 (Percent)	Percentage Share 1993	Percentage Share 1997	Percentage Share 2002
New Hampshire							
Coal	3,263,241	4,077,225	3,722,386	1.5	20.1	25.7	23.3
Petroleum	1,262,688	1,007,545	595,575	-8.0	7.8	6.3	3.7
Natural Gas	11,503	35,108	95,547	26.5	.1	.2	.6
Nuclear	9,046,805	7,979,448	7,599,861	-1.9	55.7	50.2	47.6
Hydroelectric	1,001,769	1,165,007	263,087	-13.8	6.2	7.3	1.6
Total Electric Utilities	14,586,006	14,264,333	12,276,456	-1.9	89.8	89.8	77.0
Petroleum	41,885	62,277	54,134	2.9	.3	.4	.3
Natural Gas	0	11,786	124,823	NM	.0	.1	.8
Nuclear	0	0	1,694,756	NM	.0	.0	10.6
Hydroelectric	408,841	456,584	877,853	8.9	2.5	2.9	5.5
Other Renewables	1,206,029	1,085,242	925,057	-2.9	7.4	6.8	5.8
Total IPP's & Combined Heat and Power	1,656,754	1,615,889	3,676,622	9.3	10.2	10.2	23.0
Coal	3,263,241	4,077,225	3,722,386	1.5	20.1	25.7	23.3
Petroleum	1,304,573	1,069,822	649,709	-7.5	8.0	6.7	4.1
Natural Gas	11,503	46,894	220,370	38.8	.1	.3	1.4
Nuclear	9,046,805	7,979,448	9,294,617	.3	55.7	50.2	58.3
Hydroelectric	1,410,610	1,621,591	1,140,940	-2.3	8.7	10.2	7.2
Other Renewables	1,206,029	1,085,242	925,057	-2.9	7.4	6.8	5.8
Total Electric Industry	16,242,760	15,880,222	15,953,078	-2	100.0	100.0	100.0

See footnotes at end of tables.

Table 6. Electric Power Delivered Fuel Prices for Coal, Petroleum, and Natural Gas, 1993, 1997, and 2002

Fuel	1993	1997	2002	Annual Growth Rate 1993-2002 (Percent)
New Hampshire				
Coal (2002 cents per million Btu)	179.3	167.8	180.3	0.1
Average heat value (Btu per pound).....	13,179	13,054	13,017	-1
Average sulfur Content(percent)	1.6	1.4	1.2	-3.6
Petroleum (2002 cents per million Btu)	204.8	270.9	370.5	6.8
Average heat value (Btu per gallon).....	154,131	152,622	149,660	-3
Average sulfur Content(percent)	1.7	1.3	1.5	-1.7
Gas (2002 cents per million Btu).....	242.1	274.0	388.3	5.4
Average heat value (Btu per cubic foot).....	1,016	1,017	1,031	.2

See footnotes at end of tables.

Table 7. Electric Power Industry Emissions Estimates, 1993, 1997, and 2002
(Thousand Short Tons)

Emission Type	1993	1997	2002	Annual Growth Rate 1993-2002 (Percent)
New Hampshire				
Sulfur Dioxide				
Coal	40	49	39	-0.3
Petroleum	12	10	6	-7.9
Other.....	*	*	*	-6.8
Total	52	59	44	-1.7
Nitrogen Oxide				
Coal	20	18	6	-13.2
Petroleum	1	2	1	-2.6
Gas.....	*	*	*	35.7
Other.....	1	1	1	1.8
Total	23	21	8	-10.5
Carbon Dioxide				
Coal	3,600	4,528	4,141	1.6
Petroleum	1,306	1,040	691	-6.8
Gas.....	8	38	122	35.3
Other.....	31	32	32	.3
Total	4,945	5,639	4,986	.1

See footnotes at end of tables.

Table 8. Retail Sales, Revenue, and Average Revenue per Kilowatthour by Sector, 1993, 1997, and 2001

Sector	1993	1997	2002	Annual Growth Rate 1993-2002 (Percent)	Percentage Share 1993	Percentage Share 1997	Percentage Share 2002
New Hampshire							
Retail Sales (thousand megawatthours)							
Residential.....	3,420	3,368	4,045	1.9	39.0	37.1	38.6
Commercial.....	2,123	3,248	4,014	7.3	24.2	35.8	38.3
Industrial.....	3,100	2,339	2,288	-3.3	35.4	25.8	21.8
Other.....	118	127	143	2.1	1.3	1.4	1.4
Total.....	8,761	9,081	10,490	2.0	100.0	100.0	100.0
Retail Sales Revenue (million 2002 dollars)							
Residential.....	469	473	476	.2	44.3	43.5	43.3
Commercial.....	260	379	405	5.0	24.6	34.8	36.8
Industrial.....	312	218	202	-4.7	29.5	20.0	18.4
Other.....	18	18	17	-.2	1.7	1.7	1.6
Total.....	1,059	1,088	1,100	.4	100.0	100.0	100.0
Average Revenue per Kilowatthour (2002 cents/kWh)							
Residential.....	13.71	14.05	11.77	-1.7	NA	NA	NA
Commercial.....	12.27	11.66	10.09	-2.1	NA	NA	NA
Industrial.....	10.07	9.31	8.83	-1.4	NA	NA	NA
Other.....	14.81	14.45	12.07	-2.3	NA	NA	NA
Total.....	12.09	11.98	10.49	-1.6	NA	NA	NA

See footnotes at end of tables.

Table 9. Utility Retail Sales Statistics, 2002

Item	Investor-Owned	Public	Federal	Cooperative	Energy Service Providers	Total
New Hampshire						
Number of Entities.....	5	5	0	1	5	16
Number of Retail Customers.....	568,098	11,002	0	72,271	5,977	657,348
Retail Sales (thousand megawatthours).....	9,487	175	0	658	170	10,490
Percentage of Retail Sales.....	90.44	1.67	.00	6.27	1.62	100.00
Revenue from Retail Sales (million 2002 dollars).....	981	16	0	89	13	1,100
Percentage of Revenue.....	89.18	1.50	.00	8.13	1.19	100.00
Revenue per Kilowatthour (2002 cents/kWh).....	10.34	9.42	.00	13.60	0	10.49

IPP = Independent Power Producer.

NA = Not available.

NM = Not meaningful.

* = 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 ".5").