

**Table 1. 2002 Summary Statistics**

Item	Value	U.S. Rank
<b>Vermont</b>		
NERC Region(s).....		NPCC
Primary Energy Source .....		Nuclear
Net Summer Capability (megawatts).....	994	50
Electric Utilities .....	261	45
Independent Power Producers & Combined Heat and Power .....	733	41
Net Generation (megawatthours).....	5,456,190	50
Electric Utilities .....	2,971,224	43
Independent Power Producers & Combined Heat and Power .....	2,484,966	39
Emissions (thousand short tons)		
Sulfur Dioxide.....	0	51
Nitrogen Oxide.....	0	51
Carbon Dioxide.....	17	51
Sulfur Dioxide/sq. mile.....	0	51
Nitrogen Oxide/sq. mile.....	0	49
Carbon Dioxide/sq. mile.....	2	51
Utility and ESP Retail Electricity Sales (megawatthours).....	5,629,263	50
Utility Retail Electricity Sales (megawatthours) .....	5,629,263	49
Direct Use (megawatthours).....	-51,975	45
Average Retail Price (cents/kWh).....	10.87	5

See footnotes at end of tables.

**Table 2. Ten Largest Plants by Generating Capability, 2002**

Plant	Energy Sources	Operating Company	Net Capability (MW)
<b>Vermont</b>			
1. Vermont Yankee.....	Nuclear	Entergy Nuclear Vermont Yankee	506
2. J C McNeil.....	Petroleum, Gas, Other	Burlington City of	52
3. Bellows Falls .....	Hydro	U S Gen New England Inc	49
4. Wilder.....	Hydro	U S Gen New England Inc	41
5. Harriman .....	Hydro	U S Gen New England Inc	41
6. Berlin 5 .....	Petroleum	Green Mountain Power Corp	36
7. Sheldon Springs Hydro .....	Hydro	Missisquoi Associates	24
8. Ryegate Power Station .....	Other	Ryegate Associates	20
9. Burlington GT.....	Petroleum	Burlington City of	20
10. Vernon .....	Hydro	U S Gen New England Inc	19

See footnotes at end of tables.

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

Utility	All Sectors	Residential	Commercial	Industrial	Other
<b>Vermont</b>					
A. Central Vermont Pub Serv Corp.....	2,186,344	915,031	858,537	407,335	5,441
B. Green Mountain Power Corp .....	1,948,148	553,294	723,641	661,480	9,733
C. City of Burlington.....	340,502	91,615	185,343	60,498	3,046
D. Citizens Communications Co.....	302,182	115,456	73,288	103,514	9,924
E. Vermont Marble Pwr Div of OMYA.....	217,349	6,076	3,338	207,837	98
Total .....	4,994,525	1,681,472	1,844,147	1,440,664	28,242
Percentage of Utility Sales.....	89	82	95	91	63

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
<b>Vermont</b>							
Petroleum .....	120	119	107	-1.3	10.3	10.2	10.7
Nuclear .....	496	496	0	NM	42.6	42.5	.0
Hydroelectric .....	430	423	102	-14.8	36.9	36.3	10.3
Other Renewables .....	47	56	53	1.2	4.1	4.8	5.3
<b>Total Electric Utilities .....</b>	<b>1,094</b>	<b>1,094</b>	<b>261</b>	<b>-14.7</b>	<b>93.9</b>	<b>93.8</b>	<b>26.3</b>
Nuclear .....	0	0	506	NM	.0	.0	50.9
Hydroelectric .....	47	48	203	17.6	4.1	4.1	20.4
Other Renewables .....	24	24	24	-1	2.0	2.0	2.4
<b>Total IPP's &amp; Combined Heat and Power .....</b>	<b>71</b>	<b>72</b>	<b>733</b>	<b>29.6</b>	<b>6.1</b>	<b>6.2</b>	<b>73.7</b>
Petroleum .....	120	119	107	-1.3	10.3	10.2	10.7
Nuclear .....	496	496	506	.2	42.6	42.5	50.9
Hydroelectric .....	477	472	305	-4.9	41.0	40.4	30.7
Other Renewables .....	71	80	76	.8	6.1	6.9	7.7
<b>Total Electric Industry .....</b>	<b>1,165</b>	<b>1,167</b>	<b>994</b>	<b>-1.7</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

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
<b>Vermont</b>							
Petroleum .....	4,805	9,816	9,406	7.7	0.1	0.2	0.2
Natural Gas .....	20,558	93	3,275	-18.5	.4	.0	.1
Nuclear .....	3,372,148	4,266,866	2,367,209	-3.9	72.6	75.1	43.4
Hydroelectric .....	838,619	896,312	404,227	-7.8	18.1	15.8	7.4
Other Renewables .....	64,407	150,345	187,107	12.6	1.4	2.6	3.4
<b>Total Electric Utilities .....</b>	<b>4,300,537</b>	<b>5,323,432</b>	<b>2,971,224</b>	<b>-4.0</b>	<b>92.6</b>	<b>93.7</b>	<b>54.5</b>
Petroleum .....	224	1,390	0	NM	.0	.0	.0
Nuclear .....	0	0	1,595,407	NM	.0	.0	29.2
Hydroelectric .....	142,667	171,129	710,695	19.5	3.1	3.0	13.0
Other Renewables .....	200,337	184,586	178,864	-1.3	4.3	3.2	3.3
<b>Total IPP's &amp; Combined Heat and Power .....</b>	<b>343,228</b>	<b>357,106</b>	<b>2,484,966</b>	<b>24.6</b>	<b>7.4</b>	<b>6.3</b>	<b>45.5</b>
Petroleum .....	5,029	11,206	9,406	7.2	.1	.2	.2
Natural Gas .....	20,558	93	3,275	-18.5	.4	.0	.1
Nuclear .....	3,372,148	4,266,866	3,962,616	1.8	72.6	75.1	72.6
Hydroelectric .....	981,286	1,067,441	1,114,922	1.4	21.1	18.8	20.4
Other Renewables .....	264,744	334,931	365,971	3.7	5.7	5.9	6.7
<b>Total Electric Industry .....</b>	<b>4,643,765</b>	<b>5,680,538</b>	<b>5,456,190</b>	<b>1.8</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

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)
<b>Vermont</b>				
Petroleum (2002 cents per million Btu) .....	540.8	466.1	0.0	NM
Average heat value (Btu per gallon).....	134,183	136,720	137,760	0.3
Gas (2002 cents per million Btu).....	224.8	320.8	383.7	6.1
Average heat value (Btu per cubic foot).....	998	1,012	1,018	.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)
<b>Vermont</b>				
<b>Sulfur Dioxide</b>				
Petroleum .....	0	0	0	NM
Other.....	*	0	*	0.0
Total .....	*	*	*	-2.0
Gas.....	*	*	0	NM
Other.....	*	*	*	3.0
Total .....	*	*	*	1.7
<b>Nitrogen Oxide</b>				
Petroleum .....	8	16	15	6.9
Gas.....	16	2	2	-19.7
Total .....	24	18	17	-3.7

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
<b>Vermont</b>							
Retail Sales (thousand megawatthours)							
Residential.....	1,971	1,992	2,047	0.4	39.3	37.5	36.4
Commercial.....	1,570	1,675	1,946	2.4	31.3	31.5	34.6
Industrial.....	1,431	1,561	1,592	1.2	28.5	29.4	28.3
Other.....	44	84	45	.3	.9	1.6	.8
Total.....	5,016	5,312	5,629	1.3	100.0	100.0	100.0
Retail Sales Revenue (million 2002 dollars)							
Residential.....	216	234	262	2.1	42.8	43.4	42.7
Commercial.....	163	178	216	3.2	32.3	32.9	35.3
Industrial.....	120	119	126	.6	23.7	22.1	20.5
Other.....	7	8	9	3.1	1.3	1.5	1.4
Total.....	505	540	612	2.2	100.0	100.0	100.0
Average Revenue per Kilowatthour (2002 cents/kWh)							
Residential.....	10.96	11.77	12.78	1.7	NA	NA	NA
Commercial.....	10.37	10.61	11.10	.8	NA	NA	NA
Industrial.....	8.35	7.65	7.90	-.6	NA	NA	NA
Other.....	15.04	9.82	19.26	2.8	NA	NA	NA
Total.....	10.07	10.16	10.87	.8	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
<b>Vermont</b>						
Number of Entities.....	5	16	0	2	0	23
Number of Retail Customers.....	235,844	72,833	0	25,731	0	334,408
Retail Sales (thousand megawatthours).....	4,359	1,064	0	207	0	5,629
Percentage of Retail Sales.....	77.43	18.89	.00	3.68	.00	100.00
Revenue from Retail Sales (million 2002 dollars).....	474	110	0	28	0	612
Percentage of Revenue.....	77.41	17.98	.00	4.62	.00	100.00
Revenue per Kilowatthour (2002 cents/kWh).....	10.87	10.34	.00	13.63	0	10.87

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").