

Table 1. 2002 Summary Statistics

Item	Value	U.S. Rank
Connecticut		
NERC Region(s).....		NPCC
Primary Energy Source		Nuclear
Net Summer Capability (megawatts).....	7,400	34
Electric Utilities	34	48
Independent Power Producers & Combined Heat and Power	7,365	11
Net Generation (megawatthours)	31,311,218	38
Electric Utilities	21,463	48
Independent Power Producers & Combined Heat and Power	31,289,755	11
Emissions (thousand short tons)		
Sulfur Dioxide.....	11	46
Nitrogen Oxide.....	10	45
Carbon Dioxide.....	9,719	40
Sulfur Dioxide/sq. mile.....	2	29
Nitrogen Oxide/sq. mile.....	2	23
Carbon Dioxide/sq. mile.....	2,006	13
Utility and ESP Retail Electricity Sales (megawatthours).....	30,905,605	33
Utility Retail Electricity Sales (megawatthours)	30,615,280	33
ESP Retail Electricity Sales (megawatthours)	290,325	16
Direct Use (megawatthours).....	2,774,346	15
Average Retail Price (cents/kWh).....	9.73	9

See footnotes at end of tables.

Table 2. Ten Largest Plants by Generating Capability, 2002

Plant	Energy Sources	Operating Company	Net Capability (MW)
Connecticut			
1. Millstone	Nuclear	Dominion Nuclear Conn Inc	2,006
2. Middletown	Other, Petroleum, Gas	NRG Middletown Operations Inc	837
3. Lake Road Generating.....	Petroleum, Gas	Lake Road Generating Co LP	696
4. Montville Station	Gas, Petroleum	NRG Montville Operations Inc	496
5. New Haven Harbor.....	Gas, Petroleum	PSEG Power Connecticut LLC	461
6. Bridgeport Energy Pro.....	Gas	Bridgeport Energy LLC	454
7. Bridgeport Station.....	Petroleum, Coal	PSEG Power Connecticut LLC	417
8. Devon Station	Petroleum, Gas	NRG Devon Operations Inc	351
9. NRG Norwalk Harbor	Petroleum	NRG Norwalk Harbor Ops Inc	342
10. PPL Wallingford Energ	Gas	PPL Wallingford Energy LLC	190

See footnotes at end of tables.

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

Utility	All Sectors	Residential	Commercial	Industrial	Other
Connecticut					
A. Connecticut Light & Power Co	22,951,701	9,525,042	9,561,822	3,573,159	291,678
B. United Illuminating Company	5,781,010	2,247,196	2,465,711	1,021,586	46,517
C. Town of Wallingford.....	608,893	201,498	200,187	184,179	23,029
D. City of Groton Dept of Utils.....	568,347	107,338	120,168	332,755	8,086
E. City of Norwich	328,438	117,661	129,629	54,354	26,794
Total	30,238,389	12,198,735	12,477,517	5,166,033	396,104
Percentage of Utility Sales.....	98	98	100	96	72

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
Connecticut							
Coal	385	385	0	NM	5.2	5.5	0.0
Petroleum	2,429	2,273	25	-39.8	33.0	32.7	.3
Natural Gas	0	341	0	NM	.0	4.9	.0
Dual Fired	528	528	0	NM	7.2	7.6	.0
Nuclear	3,211	2,631	0	NM	43.7	37.8	.0
Hydroelectric	137	136	9	-25.9	1.9	2.0	.1
Other Renewables	64	0	0	NM	.9	.0	.0
Total Electric Utilities	6,754	6,294	34	-44.4	91.9	90.5	.5
Coal	200	200	553	11.9	2.7	2.9	7.5
Petroleum	0	0	1,229	NM	.0	.0	16.6
Natural Gas	43	14	832	38.9	.6	.2	11.2
Dual Fired	199	184	2,350	31.5	2.7	2.6	31.8
Nuclear	0	0	2,006	NM	.0	.0	27.1
Hydroelectric	21	21	141	23.7	.3	.3	1.9
Other Renewables	135	241	254	7.3	1.8	3.5	3.4
Other	0	3	1	NM	.0	.0	.0
Total IPP's & Combined Heat and Power	599	663	7,365	32.2	8.1	9.5	99.5
Coal	585	585	553	-6	8.0	8.4	7.5
Petroleum	2,429	2,273	1,254	-7.1	33.0	32.7	16.9
Natural Gas	43	355	832	38.9	.6	5.1	11.2
Dual Fired	727	712	2,350	13.9	9.9	10.2	31.8
Nuclear	3,211	2,631	2,006	-5.1	43.7	37.8	27.1
Hydroelectric	158	157	150	-5	2.1	2.3	2.0
Other Renewables	199	241	254	2.7	2.7	3.5	3.4
Other	0	3	1	NM	.0	.0	.0
Total Electric Industry	7,353	6,957	7,400	.1	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
Connecticut							
Coal	1,907,826	2,557,934	0	NM	5.8	14.5	0.0
Petroleum	4,206,354	8,431,425	928	-60.8	12.8	47.7	.0
Natural Gas	47,401	1,545,712	0	NM	.1	8.7	.0
Nuclear	21,801,782	-124,722	0	NM	66.3	-7	.0
Hydroelectric	345,409	366,668	20,535	-26.9	1.1	2.1	.1
Other Renewables	406,095	450,749	0	NM	1.2	2.6	.0
Total Electric Utilities	28,714,867	13,227,766	21,463	-55.1	87.3	74.8	.1
Coal	1,600,491	1,601,210	3,227,202	8.1	4.9	9.1	10.3
Petroleum	178,147	77,284	2,336,957	33.1	.5	.4	7.5
Natural Gas	1,336,515	1,049,652	8,868,470	23.4	4.1	5.9	28.3
Other Gases	0	51	8,834	NM	.0	.0	.0
Nuclear	0	0	14,918,272	NM	.0	.0	47.6
Hydroelectric	65,022	72,585	304,352	18.7	.2	.4	1.0
Other Renewables	989,528	1,645,749	1,625,668	5.7	3.0	9.3	5.2
Total IPP's & Combined Heat and Power	4,169,704	4,446,530	31,289,755	25.1	12.7	25.2	99.9
Coal	3,508,317	4,159,144	3,227,202	-9	10.7	23.5	10.3
Petroleum	4,384,501	8,508,709	2,337,885	-6.7	13.3	48.1	7.5
Natural Gas	1,383,916	2,595,364	8,868,470	22.9	4.2	14.7	28.3
Other Gases	0	51	8,834	NM	.0	.0	.0
Nuclear	21,801,782	-124,722	14,918,272	-4.1	66.3	-7	47.6
Hydroelectric	410,431	439,253	324,887	-2.6	1.2	2.5	1.0
Other Renewables	1,395,623	2,096,498	1,625,668	1.7	4.2	11.9	5.2
Total Electric Industry	32,884,571	17,674,296	31,311,218	-5	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)
Connecticut				
Coal (2002 cents per million Btu)	190.0	195.8	244.9	2.9
Average heat value (Btu per pound)	13,144	13,132	11,309	-1.6
Average sulfur Content(percent)6	.5	.9	5.4
Petroleum (2002 cents per million Btu)	267.3	300.8	422.4	5.2
Average heat value (Btu per gallon)	151,739	152,432	149,929	-1
Average sulfur Content(percent)8	.7	.4	-8.1
Gas (2002 cents per million Btu).....	421.2	248.8	392.0	-8
Average heat value (Btu per cubic foot).....	1,032	1,019	1,023	-1

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)
Connecticut				
Sulfur Dioxide				
Coal	9	13	4	-8.9
Petroleum	22	40	7	-12.0
Gas.....	0	0	*	NM
Other.....	1	*	*	-10.8
Total	32	53	11	-11.0
Nitrogen Oxide				
Coal	10	10	2	-15.9
Petroleum	4	12	2	-5.7
Gas.....	1	3	2	5.8
Other.....	4	4	3	-2.5
Total	20	28	10	-7.6
Carbon Dioxide				
Coal	3,597	4,510	3,373	-.7
Petroleum	3,954	7,657	2,048	-7.0
Gas.....	659	1,534	3,999	22.2
Other.....	167	290	299	6.7
Total	8,376	13,991	9,719	1.7

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
Connecticut							
Retail Sales (thousand megawatthours)							
Residential.....	10,597	10,859	12,459	1.8	38.9	38.2	40.3
Commercial.....	10,677	11,278	12,532	1.8	39.2	39.7	40.5
Industrial	5,597	5,919	5,367	-.5	20.5	20.8	17.4
Other	368	376	548	4.5	1.3	1.3	1.8
Total	27,238	28,432	30,906	1.4	100.0	100.0	100.0
Retail Sales Revenue (million 2002 dollars)							
Residential.....	1,345	1,354	1,366	.2	43.2	44.0	45.4
Commercial.....	1,194	1,191	1,172	-.2	38.3	38.8	39.0
Industrial	517	472	412	-2.5	16.6	15.4	13.7
Other	58	56	57	-.2	1.8	1.8	1.9
Total	3,114	3,073	3,007	-4	100.0	100.0	100.0
Average Revenue per Kilowatthour (2002 cents/kWh)							
Residential.....	12.69	12.47	10.96	-1.6	NA	NA	NA
Commercial.....	11.18	10.56	9.35	-2.0	NA	NA	NA
Industrial	9.23	7.97	7.68	-2.0	NA	NA	NA
Other	15.69	14.92	10.36	-4.5	NA	NA	NA
Total	11.43	10.81	9.73	-1.8	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
Connecticut						
Number of Entities	3	7	0	0	4	14
Number of Retail Customers	1,464,597	68,330	0	0	22,063	1,554,990
Retail Sales (thousand megawatthours).....	28,751	1,864	0	0	290	30,906
Percentage of Retail Sales.....	93.03	6.03	.00	.00	.94	100.00
Revenue from Retail Sales (million 2002 dollars)	2,851	143	0	0	14	3,007
Percentage of Revenue.....	94.80	4.75	.00	.00	.46	100.00
Revenue per Kilowatthour (2002 cents/kWh).....	9.91	7.66	.00	.00	0	9.73

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 "**").