

Table 1. 2006 Summary Statistics

Item	Value	U.S. Rank
Connecticut		
NERC Region(s).....		NPCC
Primary Energy Source.....		Nuclear
Net Summer Capacity (megawatts)	7,882	35
Electric Utilities.....	37	48
Independent Power Producers & Combined Heat and Power.....	7,845	13
Net Generation (megawatthours).....	34,681,736	37
Electric Utilities.....	47,612	46
Independent Power Producers & Combined Heat and Power.....	34,634,124	11
Emissions (thousand metric tons)		
Sulfur Dioxide	5	46
Nitrogen Oxide.....	9	47
Carbon Dioxide.....	11,057	39
Sulfur Dioxide (lbs/MWh)	0.3	47
Nitrogen Oxide (lbs/MWh)	0.6	47
Carbon Dioxide (lbs/MWh).....	703	46
Total Retail Sales (megawatthours).....	31,677,453	35
Full Service Provider Sales (megawatthours)	30,148,657	35
Deregulated Sales (megawatthours)	1,528,796	15
Direct Use (megawatthours)	302,207	37
Average Retail Price (cents/kWh).....	14.83	4

See footnotes at end of tables.

Table 2. Ten Largest Plants by Generating Capacity, 2006

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
Connecticut			
1. Millstone	Nuclear	Dominion Nuclear Conn Inc	2,037
2. Middletown.....	Gas	Middletown Power LLC	770
3. Lake Road Generating Plant.....	Gas	Lake Road Generating Co LP	712
4. Bridgeport Station.....	Coal	PSEG Power Connecticut LLC	511
5. Montville Station	Petroleum	NRG Montville Operations Inc	496
6. Milford Power Project	Gas	Milford Power Co LLC	493
7. Bridgeport Energy Project.....	Gas	Bridgeport Energy LLC	454
8. New Haven Harbor.....	Petroleum	PSEG Power Connecticut LLC	448
9. Devon Station	Gas	NRG Devon Operations Inc	350
10. NRG Norwalk Harbor	Petroleum	Norwalk Power LLC	342

See footnotes at end of tables.

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2006
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
Connecticut						
1. Connecticut Light & Power Co.....	Investor-Owned	22,109,070	9,623,321	9,324,836	2,983,945	176,968
2. United Illuminating Co.....	Investor-Owned	5,919,000	2,359,000	2,719,000	841,000	-
3. Wallingford Town of.....	Public	634,812	217,497	256,827	160,488	-
4. Groton Dept of Utilities.....	Public	591,431	106,444	131,343	353,644	-
5. Constellation NewEnergy, Inc.....	Other Provider	487,377	-	404,747	82,630	-
Total Sales, Top Five Providers.....		29,741,690	12,306,262	12,836,753	4,421,707	176,968
Percent of Total State Sales.....		94	95	94	90	100

See footnotes at end of tables.

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1990, 1995, and 2001 Through 2006
(Megawatts)

Energy Source	1990	1995	2001	2002	2003	2004	2005	2006	Percentage Share	
									1990	2006
Connecticut										
Electric Utilities.....	7,141	6,722	185	34	210	174	25^R	37	92.9	0.5
Coal.....	385	385	-	-	-	-	-	-	5.0	-
Petroleum.....	3,335 ^R	2,728 ^R	176	25	201	165	16 ^R	28	43.4	0.4
Natural Gas.....	^R	214 ^R	-	-	-	-	-	-	-	-
Nuclear.....	3,217	3,194	-	-	-	-	-	-	41.8	-
Hydroelectric.....	108	131	9	9	9	9	9	9	1.4	0.1
Other Renewables.....	64	64	-	-	-	-	-	-	0.8	-
Pumped Storage.....	32	6	-	-	-	-	-	-	0.4	-
Independent Power Producers and Combined Heat and Power.....	546	675	7,709	7,365	7,363	7,755	7,937^R	7,845	7.1	99.5
Coal.....	200	200	555	553	553	553	555	551	2.6	7.0
Petroleum.....	10	24	2,425	2,748	2,732	2,696	2,973 ^R	2,898	0.1	36.8
Natural Gas.....	225	189	1,722	1,662	1,685	2,134	2,037	2,020	2.9	25.6
Nuclear.....	-	-	2,611	2,006	1,997	2,037	2,037	2,037	-	25.8
Hydroelectric.....	21	21	129	137	137	137	137	138	0.3	1.7
Other Renewables.....	90	241	234 ^R	228 ^R	228 ^R	166 ^R	166 ^R	170	1.2	2.2
Pumped Storage.....	-	-	7	4	4	4	4	4	-	0.1
Other.....	-	-	26 ^R	27 ^R	27 ^R	27 ^R	27 ^R	27	-	0.3
Total Electric Industry.....	7,687	7,397	7,894	7,400	7,573	7,929	7,962	7,882	100.0	100.0
Coal.....	585	585	555	553	553	553	555	551	7.6	7.0
Petroleum.....	3,345 ^R	2,752 ^R	2,600	2,773	2,933	2,862	2,989	2,926	43.5	37.1
Natural Gas.....	225 ^R	403 ^R	1,722	1,662	1,685	2,134	2,037	2,020	2.9	25.6
Nuclear.....	3,217	3,194	2,611	2,006	1,997	2,037	2,037	2,037	41.8	25.8
Hydroelectric.....	129	151	138	146	146	146	146	147	1.7	1.9
Other Renewables.....	154	305	234 ^R	228 ^R	228 ^R	166 ^R	166 ^R	170	2.0	2.2
Pumped Storage.....	32	6	7	4	4	4	4	4	0.4	0.1
Other.....	-	-	26 ^R	27 ^R	27 ^R	27 ^R	27 ^R	27	-	0.3

See footnotes at end of tables.

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1990, 1995, and 2001 Through 2006
(Megawatthours)

Energy Source	1990	1995	2001	2002	2003	2004	2005	2006	Percentage Share	
									1990	2006
Connecticut										
Electric Utilities.....	32,155,574	26,931,900	2,816,826	21,463	59,812	45,095	41,709^R	47,612	91.5	0.1
Coal.....	2,351,049	2,269,352	-	-	-	-	-	-	6.7	-
Petroleum.....	8,632,571	3,397,400	11,032	928	13,955	9,253	695 ^R	1,282	24.6	*
Natural Gas.....	471,836	1,819,535	-	-	-	-	-	-	1.3	-
Nuclear.....	19,776,250	18,748,900	2,629,741	-	-	-	-	-	56.3	-
Hydroelectric.....	495,848	305,401	29,065	20,535	45,857	35,842	41,014 ^R	46,330	1.4	0.1
Other Renewables.....	421,546	403,726	83,783	-	-	-	-	-	1.2	-
Pumped Storage.....	6,474	-12,414	-	-	-	-	-	-	*	-
Other.....	-	-	63,205	-	-	-	-	-	-	-
Independent Power Producers and Combined Heat and Power.....	2,991,673	4,540,568	27,673,820	31,289,757	29,485,238	32,588,311	33,508,038^R	34,634,124	8.5	99.9
Coal.....	1,243,596	1,588,203	3,735,782	3,227,202	4,200,297	4,256,431	3,996,492	4,282,120	3.5	12.3
Petroleum.....	241,895	182,063	5,161,903	2,336,957	2,048,713	1,728,466	3,155,353 ^R	1,289,078	0.7	3.7
Natural Gas.....	779,643	1,199,708	4,088,228	8,868,471	5,061,613	8,108,840	8,863,687	10,472,351	2.2	30.2
Other Gases.....	4	79	1,498	8,834	-	-	1,566	1,647	*	*
Nuclear.....	-	-	12,798,026	14,918,272	16,078,095	16,539,097	15,562,122	16,589,446	-	47.8
Hydroelectric.....	74,771	58,402	257,308	314,553	518,559	426,770	437,185 ^R	497,562	0.2	1.4
Other Renewables.....	651,764	1,512,113	825,141	821,346	785,861	757,819	753,335	763,320	1.9	2.2
Pumped Storage.....	-	-	-	-10,201	-18	7,715	-1,653	-	-	-
Other.....	-	-	805,934	804,322	792,118	763,174	739,952	738,600	-	2.1
Total Electric Industry.....	35,147,247	31,472,468	30,490,646	31,311,220	29,545,050	32,633,406	33,549,747^R	34,681,736	100.0	100.0
Coal.....	3,594,645	3,857,555	3,735,782	3,227,202	4,200,297	4,256,431	3,996,492	4,282,120	10.2	12.3
Petroleum.....	8,874,466	3,579,463	5,172,935	2,337,885	2,062,668	1,737,719	3,156,048	1,290,360	25.2	3.7
Natural Gas.....	1,251,479	3,019,243	4,088,228	8,868,471	5,061,613	8,108,840	8,863,687	10,472,351	3.6	30.2
Other Gases.....	4	79	1,498	8,834	-	-	1,566	1,647	*	*
Nuclear.....	19,776,250	18,748,900	15,427,767	14,918,272	16,078,095	16,539,097	15,562,122	16,589,446	56.3	47.8
Hydroelectric.....	570,619	363,803	286,373	335,088	564,416	462,612	478,199	543,892	1.6	1.6
Other Renewables.....	1,073,310	1,915,839	908,924	821,346	785,861	757,819	753,335	763,320	3.1	2.2
Pumped Storage.....	6,474	-12,414	-	-10,201	-18	7,715	-1,653	-	*	-
Other.....	-	-	869,139	804,322	792,118	763,174	739,952	738,600	-	2.1

See footnotes at end of tables.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1990, 1995, and 2001 Through 2006

Fuel, Quality	1990	1995	2001	2002	2003	2004	2005	2006
Connecticut								
Coal (cents per million Btu)	213	188	-	W	W	W	W	W
Average heat value (Btu per pound)	13,233	13,110	-	11,439	10,565	10,423	10,139	10,056
Average sulfur Content (percent)	0.54	0.56	-	0.89	0.55	0.54	0.44	0.51
Petroleum (cents per million Btu)	301	264	-	422	542	568	836	850
Average heat value (Btu per gallon)	150,788	153,274	-	149,169	146,743	147,602	148,190	148,805
Average sulfur Content (percent)	0.89	0.72	-	0.39	0.40	0.34	0.28	0.25
Natural Gas (cents per million Btu)	270	198	-	392	W	W	922	733
Average heat value (Btu per cubic foot)	1,033	1,017	-	1,016	1,020	1,008	1,010	1,009

See footnotes at end of tables.

Table 7. Electric Power Industry Emissions Estimates, 1990, 1995, and 2001 Through 2006
(Thousand Metric Tons)

Emission Type	1990	1995	2001	2002	2003	2004	2005	2006
Connecticut								
Sulfur Dioxide								
Coal.....	11	10	11	5	3	3	3	3
Petroleum.....	40	15	22	6	5	4	5	3
Natural Gas.....	*	*	*	*	*	*	*	*
Other.....	1	*	*	*	*	*	*	*
Total.....	52	25	33	12	8	7	8	5
Nitrogen Oxide								
Coal.....	14	13	3	2	2	2	2	2
Petroleum.....	13	4	6	2	2	2	3	2
Natural Gas.....	2	3	2	2	1	1	1	1
Other.....	2	3	4	4	4	4	4	4
Total.....	32	23	16	10	10	9	11	9
Carbon Dioxide								
Coal.....	3,520	3,705	3,677	3,152	3,925	4,138	3,954	4,305
Petroleum.....	7,308	3,208	4,304	1,977	1,871	1,668	2,870	1,246
Natural Gas.....	694	1,666	2,076	3,952	2,511	3,304	3,535	4,341
Other Renewables.....	458	1,061	1,247	1,210	1,230	1,188	1,182	1,165
Total.....	11,980	9,640	11,304	10,292	9,537	10,298	11,542	11,057

See footnotes at end of tables.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1990, 1995, and 2001 Through 2006

Sector	1990	1995	2001	2002	2003	2004	2005	2006	Percentage Share	
									1990	2006
Connecticut										
Retail Sales (thousand megawatthours)										
Residential.....	10,376	10,760	11,975	12,473	13,178	13,211	13,803	12,963	38.2	40.9
Commercial.....	10,342	10,926	12,442	12,614	13,094	13,455	13,949	13,611	38.0	43.0
Industrial.....	6,100	5,913	5,572	5,370	5,366	5,358	5,153	4,926	22.4	15.6
Other.....	369	370	552	548	NA	NA	NA	NA	1.4	NA
Transportation.....	NA	NA	NA	NA	192	190	190	177	NA	0.6
All Sectors.....	27,187	27,970	30,541	31,005	31,830	32,215	33,095	31,677	100.0	100.0
Retail Revenue (million dollars).....										
Residential.....	1,038	1,286	1,306	1,367	1,491	1,537	1,883	2,185	41.7	46.5
Commercial.....	943	1,129	1,152	1,176	1,300	1,332	1,608	1,909	37.9	40.6
Industrial.....	461	469	425	412	429	423	484	577	18.5	12.3
Other.....	47	53	55	57	NA	NA	NA	NA	1.9	NA
Transportation.....	NA	NA	NA	NA	15	14	17	26	NA	0.5
All Sectors.....	2,489	2,938	2,937	3,012	3,235	3,305	3,992	4,697	100.0	100.0
Average Retail Prices (cents/KWh)										
Residential.....	10.01	11.95	10.90	10.96	11.31	11.63	13.64	16.86	NA	NA
Commercial.....	9.11	10.33	9.26	9.32	9.93	9.90	11.53	14.03	NA	NA
Industrial.....	7.55	7.94	7.62	7.68	7.99	7.89	9.40	11.71	NA	NA
Other.....	12.83	14.38	10.00	10.35	NA	NA	NA	NA	NA	NA
Transportation.....	NA	NA	NA	NA	7.72	7.25	8.78	14.55	NA	NA
All Sectors.....	9.16	10.50	9.62	9.71	10.16	10.26	12.06	14.83	NA	NA

See footnotes at end of tables.

Table 9. Retail Electricity Sales Statistics, 2006

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Connecticut								
Number of Entities	3	8	NA	NA	1	5	1	18
Number of Retail Customers	1,488,414	71,462	NA	NA	1	36,306	NA	1,596,183
Retail Sales (thousand megawatthours)	28,028	2,086	NA	NA	34	1,529	NA	31,677
Percentage of Retail Sales	88.48	6.59	NA	NA	0.11	4.83	NA	100.00
Revenue from Retail Sales (million dollars)	4,232	241	NA	NA	4	144	77	4,697
Percentage of Revenue	90.09	5.13	NA	NA	0.08	3.06	1.64	100.00
Average Retail Price (cents/kWh)	15.10	11.54	NA	NA	11.43	9.39	5.04	14.83

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 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.

Table 10. Supply and Disposition of Electricity, 1990, 1995, and 2001 Through 2006
(Million Kilowatthours)

Category	1990	1995	2001	2002	2003	2004	2005	2006
Connecticut								
Supply								
Generation								
Electric Utilities	32,156	26,932	2,817	21	60	45	42	48
Independent Power Producers	673	1,604	25,296	28,878	27,167	30,345	31,564	32,431
Combined Heat and Power, Electric	1,987	2,512	2,080	2,053	1,986	1,966	1,697	1,874
Electric Power Sector Generation Subtotal	34,815	31,048	30,193	30,952	29,212	32,356	33,303	34,352
Combined Heat and Power, Commercial	142	97	41	48	45	43	40	38
Combined Heat and Power, Industrial	190	328	256	311	288	235	207	291
Industrial and Commercial Generation Subtotal	332	424	297	359	333	278	247	330
Total Net Generation	35,147	31,472	30,491	31,311	29,545	32,633	33,550	34,682
Total International Imports	37	1,276	766	326	472	1,061	1,336	1,349
Total Supply	35,184	32,749	31,256	31,637	30,017	33,695	34,885	36,030
Disposition								
Retail Sales								
Full Service Providers	27,187	27,970	30,527	30,615	31,230	31,470	32,355	30,114
Energy-Only Providers	-	-	14	390	600	744	740	1,529
Facility Direct Retail Sales	-	-	-	-	-	-	-	34
Total Electric Industry Retail Sales	27,187	27,970	30,541	31,005	31,830	32,215	33,095	31,677
Direct Use	442	602	1,487	1,520	1,539	1,541	225	302
Total International Exports	-	-	-	-	126	66	196	181
Estimated Losses	2,038	2,123	1,177	1,581	1,459	1,440	1,579	1,989
Total Disposition	29,668	30,695	33,206	34,107	34,954	35,262	35,095	34,149
Net Interstate Trade	5,516	2,054	-1,949	-2,470	-4,937	-1,567	-210	1,881
Net Trade Index (ratio)	1.19	1.07	0.94	0.93	0.86	0.96	0.99	1.06

R = Revised.

NA = Not applicable; NM = Not meaningful.

W = Withheld to avoid disclosure of individual company data.

- = Data not available.

* = 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 10 Notes: Estimated Losses are reported at the utility level, and then allocated to States based on the utility's retail sales by State. Reported losses may include electricity unaccounted for by the utility. Net Interstate Trade represents the difference between the amount of electricity produced in the State and consumed in the State. Positive values indicate a State that is a net interstate exporter of electricity; negative values indicate a State that is a net interstate importer of electricity. The Net Trade Index represents a State's electricity self-sufficiency. Values greater than 1 indicate that, on an annual net basis, the State supplied electricity consumed outside the State; values less than 1 indicate that, on an annual net basis, the State consumed electricity produced outside the State.

General Notes: Table 4 "Other Renewables" includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind. The "Other" category includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies. However, Table 5 "Other Renewables" includes only biogenic municipal solid waste, in addition to wood, black liquor, other wood waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind. In Table 5 "Other" includes Non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies. In Table 7, "Other Renewables" emissions include 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.