

Table 1. 2006 Summary Statistics

Item	Value	U.S. Rank
Rhode Island		
NERC Region(s).....		NPCC
Primary Energy Source.....		Gas
Net Summer Capacity (megawatts)	1,771	49
Electric Utilities.....	8	50
Independent Power Producers & Combined Heat and Power.....	1,763	36
Net Generation (megawatthours).....	5,967,725	50
Electric Utilities.....	11,008	49
Independent Power Producers & Combined Heat and Power.....	5,956,717	37
Emissions (thousand metric tons)		
Sulfur Dioxide	1	49
Nitrogen Oxide.....	3	48
Carbon Dioxide.....	2,513	48
Sulfur Dioxide (lbs/MWh)	0.3	48
Nitrogen Oxide (lbs/MWh)	1.1	40
Carbon Dioxide (lbs/MWh).....	928	40
Total Retail Sales (megawatthours).....	7,799,126	49
Full Service Provider Sales (megawatthours)	6,770,572	47
Deregulated Sales (megawatthours)	1,028,554	19
Direct Use (megawatthours)	66,119	47
Average Retail Price (cents/kWh).....	13.98	5

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)
Rhode Island			
1. Rhode Island State Energy Partners	Gas	FPL Energy Operating Serv Inc	515
2. Manchester Street	Gas	Dominion Energy New England, LLC	447
3. Tiverton Power Plant.....	Gas	General Electric International Inc	250
4. Ocean State Power II	Gas	Ocean State Power II	219
4. Ocean State Power.....	Gas	Ocean State Power Co	219
6. Pawtucket Power Associates	Gas	Pawtucket Power Associates LP	63
7. Ridgewood Providence Power	Other Renewables	Ridgewood Power Management LLC	24
8. Central Power Plant.....	Gas	State of Rhode Island	10
9. Rhode Island Hospital	Gas	Rhode Island Hospital	9
10. Block Island.....	Petroleum	Block Island Power Co	7

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
Rhode Island						
1. Narragansett Electric Co.....	Investor-Owned	6,707,930	2,972,381	2,908,890	826,659	-
2. Constellation NewEnergy, Inc.....	Other Provider	684,165	-	635,460	48,705	-
3. TransCanada Power Mktg Ltd.....	Other Provider	183,390	-	-	183,390	-
4. Pascoag Utility District.....	Public	51,635	29,124	4,306	18,205	-
5. WPS Energy Services.....	Other Provider	36,540	-	12,882	23,658	-
Total Sales, Top Five Providers		7,663,660	3,001,505	3,561,538	1,100,617	-
Percent of Total State Sales		98	100	99	92	-

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
Rhode Island										
Electric Utilities.....	263	442	7	9	9	9	6	8	46.8	0.5
Petroleum.....	262 ^R	20	6	7	7	7	5	7	46.5	0.4
Natural Gas.....	^R	420	-	-	-	-	-	-	-	-
Hydroelectric.....	1	1	1	1	1	1	1	1	0.3	0.1
Independent Power Producers and Combined Heat and Power	300	538	1,214	1,715	1,726	1,734	1,742	1,763	53.2	99.5
Petroleum.....	-	3	7	10	10	24	24	24	-	1.4
Natural Gas.....	284	519	1,189	1,687	1,698	1,692	1,691	1,712	50.4	96.7
Hydroelectric.....	3	3	3	3	3	3	3	3	0.5	0.2
Other Renewables.....	13	13	15	15	15	15	24	24	2.4	1.3
Total Electric Industry.....	563	980	1,221	1,723	1,734	1,743	1,748	1,771	100.0	100.0
Petroleum.....	262 ^R	23	13	17	17	31	29	31	46.5	1.7
Natural Gas.....	284 ^R	939	1,189	1,687	1,698	1,692	1,691	1,712	50.4	96.7
Hydroelectric.....	4	4	4	4	4	4	4	4	0.7	0.2
Other Renewables.....	13	13	15	15	15	15	24	24	2.4	1.3

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
Rhode Island										
Electric Utilities.....	591,756	653,076	-	11,836	11,771	12,402	10,805	11,008	53.4	0.2
Petroleum.....	158,154	50,334	-	11,836	11,771	12,402	10,805	11,008	14.3	0.2
Natural Gas.....	433,602	602,742	-	-	-	-	-	-	39.2	-
Independent Power Producers and Combined Heat and Power.....	515,560	3,835,137	7,501,892	7,044,929	5,609,373	4,927,018	6,042,489	5,956,717	46.6	99.8
Petroleum.....	27,517	26,739	70,003	45,697	46,588	36,343	45,009	21,272	2.5	0.4
Natural Gas.....	443,341	3,719,500	7,325,130	6,310,417	5,454,996	4,783,687	5,990,746	5,780,622	40.0	96.9
Hydroelectric.....	9,946	9,169	3,143	3,685	6,021	5,461	6,734	5,909	0.9	0.1
Other Renewables.....	34,756	79,729	103,616	97,752	101,768	101,526	-	148,913	3.1	2.5
Other.....	-	-	-	587,378	-	-	-	-	-	-
Total Electric Industry.....	1,107,316	4,488,213	7,501,892	7,056,765	5,621,144	4,939,420	6,053,294	5,967,725	100.0	100.0
Petroleum.....	185,671	77,073	70,003	57,533	58,359	48,745	55,814	32,280	16.8	0.5
Natural Gas.....	876,943	4,322,242	7,325,130	6,310,417	5,454,996	4,783,687	5,990,746	5,780,622	79.2	96.9
Hydroelectric.....	9,946	9,169	3,143	3,685	6,021	5,461	6,734	5,909	0.9	0.1
Other Renewables.....	34,756	79,729	103,616	97,752	101,768	101,526	-	148,913	3.1	2.5
Other.....	-	-	-	587,378	-	-	-	-	-	-

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
Rhode Island								
Petroleum (cents per million Btu)	359	413	-	-	W	W	W	-
Average heat value (Btu per gallon)	152,445	139,562	-	-	140,564	140,562	135,160	-
Average sulfur Content (percent)	0.93	0.03	-	-	0.14	0.09	0.03	-
Natural Gas (cents per million Btu)	217	185	-	455	650	680	951	734
Average heat value (Btu per cubic foot)	1,033	1,028	-	1,032	1,033	1,036	1,018	1,032

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
Rhode Island								
Sulfur Dioxide								
Petroleum	2	1	1	1	1	1	1	1
Natural Gas	*	*	*	*	*	*	*	*
Other	-	-	*	*	*	*	*	*
Total	2	1	1	1	1	1	1	1
Nitrogen Oxide								
Petroleum	*	*	*	*	*	*	*	1
Natural Gas	1	4	1	1	*	*	*	*
Other	*	*	1	1	1	1	1	2
Total	2	5	2	2	2	2	2	3
Carbon Dioxide								
Petroleum	186	146	234	165	128	165	193	117
Natural Gas	409	2,021	3,194	2,917	2,272	1,942	2,409	2,395
Total	595	2,167	3,428	3,082	2,400	2,106	2,602	2,513

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
Rhode Island										
Retail Sales (thousand megawatthours)										
Residential	2,376	2,472	2,699	2,829	2,998	3,000	3,171	3,008	37.0	38.6
Commercial	2,492	2,625	3,240	3,316	3,490	3,542	3,628	3,599	38.8	46.2
Industrial	1,354	1,374	1,386	1,331	1,309	1,345	1,250	1,191	21.1	15.3
Other	196	165	68	85	NA	NA	NA	NA	3.1	NA
All Sectors	6,419	6,636	7,393	7,561	7,797	7,888	8,049	7,799	100.0	100.0
Retail Revenue (million dollars)										
Residential	234	283	327	289	348	366	413	455	39.8	41.7
Commercial	223	265	374	287	352	373	425	486	37.9	44.6
Industrial	113	122	130	106	116	126	125	149	19.2	13.7
Other	18	19	16	14	NA	NA	NA	NA	3.0	NA
All Sectors	587	689	847	696	816	865	963	1,090	100.0	100.0
Average Retail Prices (cents/KWh)										
Residential	9.84	11.47	12.13	10.20	11.61	12.19	13.04	15.12	NA	NA
Commercial	8.93	10.08	11.54	8.65	10.09	10.53	11.71	13.51	NA	NA
Industrial	8.35	8.87	9.36	7.96	8.88	9.37	10.01	12.51	NA	NA
Other	9.06	11.44	22.86	16.46	NA	NA	NA	NA	NA	NA
All Sectors	9.15	10.38	11.45	9.20	10.47	10.96	11.97	13.98	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	
Number of Entities	2	1	NA	NA	NA	6	1	10
Number of Retail Customers	477,056	4,512	NA	NA	NA	3,218	NA	484,786
Retail Sales (thousand megawatthours)	6,719	52	NA	NA	NA	1,029	NA	7,799
Percentage of Retail Sales	86.15	0.66	NA	NA	NA	13.19	NA	100.00
Revenue from Retail Sales (million dollars)	957	7	NA	NA	NA	85	42	1,090
Percentage of Revenue	87.80	0.62	NA	NA	NA	7.76	3.82	100.00
Average Retail Price (cents/kWh)	14.24	13.16	NA	NA	NA	8.22	4.04	13.98

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
Rhode Island								
Supply								
Generation								
Electric Utilities	592	653	-	12	12	12	11	11
Independent Power Producers	50	3,310	6,990	6,927	5,557	4,891	5,957	5,875
Combined Heat and Power, Electric	422	447	459	71	9	-	18	18
Electric Power Sector Generation Subtotal	1,064	4,410	7,449	7,010	5,578	4,904	5,987	5,904
Combined Heat and Power, Commercial	43	57	50	47	43	33	65	62
Combined Heat and Power, Industrial	-	21	2	*	*	2	2	1
Industrial and Commercial Generation Subtotal	43	78	52	47	43	36	67	64
Total Net Generation	1,107	4,488	7,502	7,057	5,621	4,939	6,053	5,968
Total International Imports	37	1,276	766	326	144	322	407	410
Total Supply	1,144	5,764	8,268	7,382	5,765	5,261	6,460	6,378
Disposition								
Retail Sales								
Full Service Providers	6,419	6,636	6,448	6,633	7,097	7,043	7,160	6,771
Energy-Only Providers	-	-	945	928	700	844	889	1,029
Total Electric Industry Retail Sales	6,419	6,636	7,393	7,561	7,797	7,888	8,049	7,799
Direct Use	53	94	63	64	65	65	69	66
Total International Exports	-	-	-	-	38	20	60	89
Estimated Losses	481	504	399	502	449	490	533	526
Total Disposition	6,953	7,234	7,854	8,127	8,349	8,463	8,711	8,481
Net Interstate Trade	-5,809	-1,469	413	-744	-2,584	-3,202	-2,251	-2,102
Net Trade Index (ratio)	0.16	0.80	1.05	0.91	0.69	0.62	0.74	0.75

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.