

Table 1. 2005 Summary Statistics

Item	Value	U.S. Rank
Rhode Island		
NERC Region(s).....		NPCC
Primary Energy Source.....		Gas
Net Summer Capability (megawatts).....	1,748	49
Electric Utilities.....	6	50
Independent Power Producers & Combined Heat and Power.....	1,742	35
Net Generation (megawatthours).....	6,053,294	49
Electric Utilities.....	10,805	49
Independent Power Producers & Combined Heat and Power.....	6,042,489	35
Emissions (thousand metric tons)		
Sulfur Dioxide	1	50
Nitrogen Oxide	2	49
Carbon Dioxide.....	2,602	48
Sulfur Dioxide (lbs/MWh)	0.2	50
Nitrogen Oxide (lbs/MWh)	0.8	46
Carbon Dioxide (lbs/MWh).....	948	40
Total Retail Sales (megawatthours)	8,049,112	49
Full Service Provider Sales (megawatthours)	7,160,386	47
Deregulated Sales (megawatthours)	888,726	16
Direct Use (megawatthours)	69,478	47
Average Retail Price (cents/kWh).....	11.97	6

See footnotes at end of tables.

Table 2. Ten Largest Plants by Generating Capability, 2005

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	426
3. Tiverton Power Plant.....	Gas	Calpine Eastern Corp	250
4. Ocean State Power.....	Gas	Ocean State Power Co	219
4. Ocean State Power II	Gas	Ocean State Power II	219
6. Pawtucket Power Associates	Gas	Pawtucket Power Associates LP	63
8. Central Power Plant.....	Gas	State of Rhode Island	10
9. Rhode Island Hospital	Petroleum	Rhode Island Hospital	9
10. Block Island.....	Petroleum	Block Island Power Co	5

See footnotes at end of tables.

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2005
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
1. Narragansett Electric Co.....	Investor-Owned	7,115,094	3,135,306	3,042,846	936,942	0
2. Constellation NewEnergy, Inc.....	Other Provider	646,006	0	646,006	0	0
3. Select Energy.....	Other Provider	94,041	0	44,771	49,270	0
4. Calpine Power America LP.....	Other Provider	81,469	-	-	81,469	-
5. TransCanada Power Mktg Ltd.....	Other Provider	67,210	0	0	67,210	0
Total Sales, Top Five Providers.....		8,003,820	3,135,306	3,733,623	1,134,891	0
Percent of Total State Sales.....		99	99	100	99	0

See footnotes at end of tables.

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatts)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Electric Utilities.....	263	442	6	7	9	9	9	6	46.8	0.4
Petroleum.....	29	20	5	6	7	7	7	5	5.2	0.3
Natural Gas.....	233	420	-	-	-	-	-	-	41.4	-
Hydroelectric.....	1	1	1	1	1	1	1	1	0.3	0.1
Independent Power Producers and Combined Heat and Power.....	300	538	1,187	1,214	1,715	1,726	1,734	1,742	53.2	99.6
Petroleum.....	-	3	20	7	10	10	24	24	-	1.4
Natural Gas.....	284	519	1,150	1,189	1,687	1,698	1,692	1,691	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	15	24	2.4	1.4
Total Electric Industry.....	563	980	1,193	1,221	1,723	1,734	1,743	1,748	100.0	100.0
Petroleum.....	29	23	24	13	17	17	31	29	5.2	1.7
Natural Gas.....	516	939	1,150	1,189	1,687	1,698	1,692	1,691	91.8	96.7
Hydroelectric.....	4	4	4	4	4	4	4	4	0.7	0.2
Other Renewables.....	13	13	15	15	15	15	15	24	2.4	1.4

See footnotes at end of tables.

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatthours)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Rhode Island										
Electric Utilities.....	591,756	653,076	10,823	-	11,836	11,771	12,402	10,805	53.4	0.2
Petroleum.....	158,154	50,334	10,823	-	11,836	11,771	12,402	10,805	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	5,960,722	7,501,892	7,044,929	5,609,373	4,927,018	6,042,489	46.6	99.8
Petroleum.....	27,517	26,739	48,802	70,003	45,697	46,588	36,343	45,009	2.5	0.7
Natural Gas.....	443,341	3,719,500	5,791,814	7,325,130	6,310,417	5,454,996	4,783,687	5,990,746	40.0	99.0
Hydroelectric.....	9,946	9,169	4,867	3,143	3,685	6,021	5,461	6,734	0.9	0.1
Other Renewables.....	34,756	79,729	115,239	103,616	97,752	101,768	101,526	-	3.1	-
Other.....	-	-	-	-	587,378	-	-	-	-	-
Total Electric Industry.....	1,107,316	4,488,213	5,971,545	7,501,892	7,056,765	5,621,144	4,939,420	6,053,294	100.0	100.0
Petroleum.....	185,671	77,073	59,625	70,003	57,533	58,359	48,745	55,814	16.8	0.9
Natural Gas.....	876,943	4,322,242	5,791,814	7,325,130	6,310,417	5,454,996	4,783,687	5,990,746	79.2	99.0
Hydroelectric.....	9,946	9,169	4,867	3,143	3,685	6,021	5,461	6,734	0.9	0.1
Other Renewables.....	34,756	79,729	115,239	103,616	97,752	101,768	101,526	-	3.1	-
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 2000 Through 2005

Fuel, Quality	1990	1995	2000	2001	2002	2003	2004	2005
Rhode Island								
Petroleum (cents per million Btu)	358.9	412.5	-	-	-	W	W	W
Average heat value (Btu per gallon)	152,445	139,562	-	-	-	140,564	140,562	135,160
Average sulfur Content (percent)	0.9	*	-	-	-	0.1	0.1	*
Natural Gas (cents per million Btu)	216.9	184.9	-	-	455.4	650.3	679.9	951.3
Average heat value (Btu per cubic foot)	1,033	1,028	-	-	1,032	1,033	1,036	1,018

See footnotes at end of tables.

Table 7. Electric Power Industry Emissions Estimates, 1990, 1995, and 2000 Through 2005
(Thousand Metric Tons)

Emission Type	1990	1995	2000	2001	2002	2003	2004	2005
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	*	*	*	*	*	*	*	*
Natural Gas	1	4	1	1	1	*	*	*
Other	*	*	1	1	1	1	1	1
Total	2	5	2	2	2	2	2	2
Carbon Dioxide								
Petroleum	186 ^R	146 ^R	197 ^R	234	165	128	165	193
Natural Gas	409 ^R	2,021 ^R	2,667 ^R	3,194	2,917	2,272	1,942	2,409
Total	595 ^R	2,167 ^R	2,864 ^R	3,428	3,082	2,400	2,106	2,602

See footnotes at end of tables.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1990, 1995, and 2000 Through 2005

Sector	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Rhode Island										
Retail Sales (thousand megawatthours)										
Residential	2,376	2,472	2,664	2,699	2,829	2,998	3,000	3,171	37.0	39.4
Commercial	2,492	2,625	3,166	3,240	3,316	3,490	3,542	3,628	38.8	45.1
Industrial	1,354	1,374	1,394	1,386	1,331	1,309	1,345	1,250	21.1	15.5
Other	196	165	78	68	85	NA	NA	NA	3.1	NA
All Sectors	6,419	6,636	7,301	7,393	7,561	7,797	7,888	8,049	100.0	100.0
Retail Revenue (million dollars)										
Residential	234	283	301	327	289	348	366	413	39.8	42.9
Commercial	223	265	301	374	287	352	373	425	37.9	44.1
Industrial	113	122	122	130	106	116	126	125	19.2	13.0
Other	18	19	20	16	14	NA	NA	NA	3.0	NA
All Sectors	587	689	743	847	696	816	865	963	100.0	100.0
Average Retail Prices (cents/KWh)										
Residential	9.84	11.47	11.28	12.13	10.20	11.61	12.19	13.04	NA	NA
Commercial	8.93	10.08	9.50	11.54	8.65	10.09	10.53	11.71	NA	NA
Industrial	8.35	8.87	8.76	9.36	7.96	8.88	9.37	10.01	NA	NA
Other	9.06	11.44	25.19	22.86	16.46	NA	NA	NA	NA	NA
All Sectors	9.15	10.38	10.18	11.45	9.20	10.47	10.96	11.97	NA	NA

See footnotes at end of tables.

Table 9. Retail Electricity Sales Statistics, 2005

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Rhode Island								
Number of Entities	2	1	NA	NA	NA	4	2	9
Number of Retail Customers	477,949	4,410	NA	NA	NA	382	NA	482,741
Retail Sales (thousand megawatthours)	7,108	53	NA	NA	NA	889	NA	8,049
Percentage of Retail Sales	88.30	0.65	NA	NA	NA	11.04	NA	100.00
Revenue from Retail Sales (million dollars)	862	5	NA	NA	NA	57	39	963
Percentage of Revenue	89.49	0.56	NA	NA	NA	5.91	4.04	100.00
Average Retail Price (cents/kWh)	12.12	10.32	NA	NA	NA	6.41	4.37	11.97

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.

Other Notes: NA = Not applicable; NM = Not meaningful;

W = Withheld to avoid disclosure of individual company data.

* = 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.

The "Other Renewables" category for Tables 4 and 5 includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, tires, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy and wind. In Table 7, "Other Renewables" emissions include non-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.