

Table 1. 2002 Summary Statistics

Item	Value	U.S. Rank
Rhode Island		
NERC Region(s).....		NPCC
Primary Energy Source		Gas
Net Summer Capability (megawatts).....	1,723	49
Electric Utilities	9	50
Independent Power Producers & Combined Heat and Power	1,715	33
Net Generation (megawatthours).....	7,056,765	47
Electric Utilities	11,836	49
Independent Power Producers & Combined Heat and Power	7,044,929	29
Emissions (thousand short tons)		
Sulfur Dioxide.....	0	50
Nitrogen Oxide.....	1	49
Carbon Dioxide.....	3,294	48
Sulfur Dioxide/sq. mile.....	0	40
Nitrogen Oxide/sq. mile.....	1	29
Carbon Dioxide/sq. mile.....	3,152	7
Utility and ESP Retail Electricity Sales (megawatthours).....	7,543,652	49
Utility Retail Electricity Sales (megawatthours)	6,633,124	47
ESP Retail Electricity Sales (megawatthours).....	910,528	14
Direct Use (megawatthours).....	-12,999	44
Average Retail Price (cents/kWh).....	9.19	11

See footnotes at end of tables.

Table 2. Ten Largest Plants by Generating Capability, 2002

Plant	Energy Sources	Operating Company	Net Capability (MW)
Rhode Island			
1. Rhode Island State En	Gas	FPL Energy Operating Serv Inc	515
2. Manchester Street	Petroleum, Gas	U S Gen New England Inc	421
3. Tiverton Power Plant.....	Other, Gas	Calpine Eastern Corp	239
4. Ocean State Power.....	Gas	Ocean State Power Co	219
5. Ocean State Power II.....	Gas	Ocean State Power II	219
6. Pawtucket Power Assoc	Petroleum, Gas	Pawtucket Power Associates LP	64
7. Ridgewood Providence.....	Other	Ridgewood Power Management LLC	15
8. Rhode Island Hospital	Gas, Petroleum	Rhode Island Hospital	10
9. Block Island	Petroleum	Block Island Power Co	7
10. Central Power Plant	Petroleum	State of Rhode Island	5

See footnotes at end of tables.

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

Utility	All Sectors	Residential	Commercial	Industrial	Other
Rhode Island					
A. Narragansett Electric Company.....	6,575,579	2,796,307	2,825,954	941,882	11,436
B. Select Energy	362,119	0	102,672	2,108	257,339
C. TransCanada Power Market'g Ltd	323,762	0	0	323,762	0
D. New Energy Ventures, Inc	221,957	0	221,957	0	0
E. Pascoag Fire District.....	47,387	25,501	4,686	16,604	596
Total	7,530,804	2,821,808	3,155,269	1,284,356	269,371
Percentage of Utility Sales.....	100	100	100	100	100

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
Rhode Island							
Petroleum	68	20	7	-22.0	9.9	2.0	0.4
Natural Gas	0	420	0	NM	.0	42.8	.0
Dual Fired	84	0	0	NM	12.3	.0	.0
Hydroelectric	1	1	1	-.5	.2	.1	.1
Total Electric Utilities	153	441	9	-27.3	22.4	45.0	.5
Petroleum	0	1	5	NM	.0	.1	.3
Natural Gas	0	0	906	NM	.0	.0	52.6
Dual Fired	515	521	785	4.8	75.3	53.1	45.6
Hydroelectric	3	3	3	.2	.4	.3	.2
Other Renewables	13	15	15	1.6	1.9	1.5	.9
Total IPP's & Combined Heat and Power	531	540	1,715	13.9	77.6	55.0	99.5
Petroleum	68	20	12	-17.2	9.9	2.1	.7
Natural Gas	0	420	906	NM	.0	42.8	52.6
Dual Fired	599	521	785	3.1	87.6	53.1	45.6
Hydroelectric	4	4	4	-.1	.6	.4	.2
Other Renewables	13	15	15	1.6	1.9	1.5	.9
Total Electric Industry	684	981	1,723	10.8	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
Rhode Island							
Petroleum	28,582	16,609	11,836	-9.3	0.6	0.2	0.2
Natural Gas	25,158	3,546,224	0	NM	.5	46.0	.0
Total Electric Utilities	53,740	3,562,833	11,836	-15.5	1.2	46.2	.2
Petroleum	43,899	72,441	45,697	.4	.9	.9	.6
Natural Gas	4,483,473	3,962,181	6,310,417	3.9	96.1	51.4	89.4
Hydroelectric	9,385	7,509	3,685	-9.9	.2	.1	.1
Other Renewables	74,798	104,590	97,752	3.0	1.6	1.4	1.4
Other	0	0	587,378	NM	.0	.0	8.3
Total IPP's & Combined Heat and Power	4,611,556	4,146,721	7,044,929	4.8	98.8	53.8	99.8
Petroleum	72,481	89,050	57,533	-2.5	1.6	1.2	.8
Natural Gas	4,508,631	7,508,405	6,310,417	3.8	96.6	97.4	89.4
Hydroelectric	9,385	7,509	3,685	-9.9	.2	.1	.1
Other Renewables	74,798	104,590	97,752	3.0	1.6	1.4	1.4
Other	0	0	587,378	NM	.0	.0	8.3
Total Electric Industry	4,665,296	7,709,554	7,056,765	4.7	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)
Rhode Island				
Petroleum (2002 cents per million Btu)	356.4	0.0	0.0	NM
Average heat value (Btu per gallon).....	150,389	0	149,845	*
Average sulfur Content(percent)	1.0	.0	.0	NM
Gas (2002 cents per million Btu).....	266.4	335.4	455.4	6.1
Average heat value (Btu per cubic foot).....	1,051	1,027	1,018	-3

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)
Rhode Island				
Sulfur Dioxide				
Petroleum	1	1	*	-4.2
Gas.....	*	*	*	-1.2
Total	1	1	1	-4.2
Nitrogen Oxide				
Petroleum	*	*	*	-5.5
Gas.....	2	4	1	-9.0
Other.....	*	*	1	1.3
Total	2	5	1	-5.8
Carbon Dioxide				
Petroleum	132	113	85	-4.8
Gas.....	2,143	3,638	3,209	4.6
Total	2,275	3,751	3,294	4.2

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
Rhode Island							
Retail Sales (thousand megawatthours)							
Residential.....	2,412	2,486	2,826	1.8	36.8	37.1	37.5
Commercial.....	2,532	2,652	3,164	2.5	38.7	39.6	41.9
Industrial.....	1,419	1,380	1,285	-1.1	21.7	20.6	17.0
Other.....	186	174	269	4.2	2.8	2.6	3.6
Total.....	6,548	6,693	7,544	1.6	100.0	100.0	100.0
Retail Sales Revenue (million 2002 dollars)							
Residential.....	306	310	289	-6	40.3	42.1	41.6
Commercial.....	287	283	280	-3	37.8	38.5	40.3
Industrial.....	143	121	103	-3.5	18.8	16.4	14.9
Other.....	23	22	22	-6	3.0	3.0	3.1
Total.....	759	736	693	-1.0	100.0	100.0	100.0
Average Revenue per Kilowatthour (2002 cents/kWh)							
Residential.....	12.68	12.45	10.21	-2.4	NA	NA	NA
Commercial.....	11.33	10.69	8.84	-2.7	NA	NA	NA
Industrial.....	10.06	8.76	8.04	-2.4	NA	NA	NA
Other.....	12.41	12.69	8.09	-4.6	NA	NA	NA
Total.....	11.58	11.00	9.19	-2.5	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
Rhode Island						
Number of Entities.....	2	1	0	0	4	7
Number of Retail Customers.....	465,564	4,291	0	0	1,694	471,549
Retail Sales (thousand megawatthours).....	6,586	47	0	0	911	7,544
Percentage of Retail Sales.....	87.30	.63	.00	.00	12.07	100.00
Revenue from Retail Sales (million 2002 dollars).....	644	5	0	0	45	693
Percentage of Revenue.....	92.84	.68	.00	.00	6.49	100.00
Revenue per Kilowatthour (2002 cents/kWh).....	9.77	9.88	.00	.00	0	9.19

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 ".**".)