Table 1. 2003 Summary Statistics

Item	Value	U.S. Rank
Maine		
NERC Region(s)		NPCC
Primary Energy Source		Gas
Net Summer Capability (megawatts)	4,285	42
Electric Utilities	19	49
Independent Power Producers & Combined Heat and Power	4,266	21
Net Generation (megawatthours)	18,971,635	43
Electric Utilities	1,409	50
Independent Power Producers & Combined Heat and Power	18,970,226	14
Emissions (thousand metric tons)		
Sulfur Dioxide	20	41
Nitrogen Oxide	11	44
Carbon Dioxide	7,662	43
Sulfur Dioxide (lbs/MWh)	2.3	39
Nitrogen Oxide (lbs/MWh)	1.3	41
Carbon Dioxide (lbs/MWh)	890	42
Total Retail Sales (megawatthours)	11,971,837	43
Full Service Provider Sales (megawatthours)	768,781	51
Deregulated Sales (megawatthours)	11,203,056	7
Direct Use (megawatthours)	4,367,847	9
Average Retail Price (cents/kWh)	9.79	10

See footnotes at end of tables.

Table 2. Ten Largest Plants by Generating Capability, 2003

Plant	Energy Sources	Operating Company	Net Summer Capability (MW)
Maine			
1. William F Wyman	Petroleum	FPL Energy Wyman LLC	825
2. Westbrook Energy Center	Gas	Calpine Eastern Corp	506
3. Maine Independence Station	Gas	Casco Bay Energy Co LLC	490
4. Bucksport Mill	Other, Petroleum, Gas	International Paper Co- Bucksport	269
5. Rumford Power Associates	Gas	Calpine Corp	254
6. Androscoggin Energy Center	Other, Gas	Calpine Androscoggin Energy	130
7. Great Northern Paper	Hydro	Great Lakes Hydro America LLC	129
8. Somerset Plant	Petroleum, Other	Sappi Fine Paper North America-Somerset	115
9. Millinocket Mill	Petroleum, Other	Katahdin Paper Inc	103
10. Mason Steam	Petroleum	FPL Energy Mason LLC	98

See footnotes at end of tables.

Table 3. Top Five Providers of Retail Electricity, 2003
(Megawatthours)

Entity	Ownership Type	All Sectors	Residential	Commercial	Industrial	Transportation
Maine						
1. Constellation Power Source Inc	Power Marketer	5,356,445	4,156,009	1,112,825	87,611	0
2. FPL Energy Power Marketing Inc	Power Marketer	1,431,236	0	1,431,236	0	0
3. Constellation NewEnergy, Inc	Power Marketer	1,218,619	0	1,218,619	0	0
4. WPS Energy Services	Power Marketer	1,067,121	345,740	513,222	208,159	0
5. Select Energy	Power Marketer	295,952	0	239,070	56,882	0
Total Sales, Top Five Providers		9,369,373	4,501,749	4,514,972	352,652	0
Percent of Total State Sales		78	100	100	9	0

See footnotes at end of tables.

Table 4. Electric Power Industry Net Summer Capability by Primary Energy Source, 1994, 1998, and 2003
(Megawatts)

Energy Source	1994	1998	2003	Annual Growth Rate 1994-2003 (Percent)	Percentage Share		
					1994	1998	2003
Maine							
Electric Utilities	**2,433**	**1,457**	**19**	**–41.7**	**63.6**	**51.5**	**0.4**
Petroleum	1,109	1,025	19	–36.4	29.0	36.3	.4
Nuclear	870	0	0	NM	22.7	.0	.0
Hydroelectric	422	402	0	NM	11.0	14.2	.0
Other Renewables	32	30	0	NM	.8	1.1	.0
Independent Power Producers and Combined Heat and Power	**1,395**	**1,368**	**4,266**	**13.2**	**36.4**	**48.4**	**99.6**
Coal	96	96	85	–1.3	2.5	3.4	2.0
Petroleum	181	181	1,097	22.2	4.7	6.4	25.6
Natural Gas	0	0	1,352	NM	.0	.0	31.6
Dual Fired	15	15	319	40.4	.4	.5	7.4
Hydroelectric	351	355	720	8.3	9.2	12.6	16.8
Other Renewables	752	721	693	–.9	19.6	25.5	16.2
Total Electric Industry	**3,828**	**2,827**	**4,285**	**1.3**	**100.0**	**100.0**	**100.0**
Coal	96	96	85	–1.3	2.5	3.4	2.0
Petroleum	1,290	1,207	1,116	–1.6	33.7	42.7	26.0
Natural Gas	0	0	1,352	NM	.0	.0	31.6
Dual Fired	15	15	318	40.4	.4	.5	7.4
Nuclear	870	0	0	NM	22.7	.0	.0
Hydroelectric	773	758	721	–.8	20.2	26.8	16.8
Other Renewables	784	751	693	–1.4	20.5	26.6	16.2

See footnotes at end of tables.

Table 5. Electric Power Industry Generation by Primary Energy Source, 1994, 1998, and 2003
(Megawatthours)

Energy Source	1994	1998	2003	Annual Growth Rate 1994-2003 (Percent)	Percentage Share		
					1994	1998	2003
Maine							
Electric Utilities	**9,015,544**	**3,549,008**	**1,409**	**–62.2**	**54.8**	**32.3**	*****
Petroleum	701,843	1,728,702	1,409	–49.8	4.3	15.7	*
Nuclear	6,631,984	0	0	NM	40.3	.0	0.0
Hydroelectric	1,681,717	1,820,306	0	NM	10.2	16.5	.0
Independent Power Producers and Combined Heat and Power	**7,440,606**	**7,454,309**	**18,970,227**	**11.0**	**45.2**	**67.7**	**100.0**
Coal	676,920	588,362	376,532	–6.3	4.1	5.3	2.0
Petroleum	1,170,495	1,416,461	1,918,139	5.6	7.1	12.9	10.1
Natural Gas	9,267	3,369	9,438,704	115.9	.1	*	49.8
Other Gases	3,928	4,943	34	–41.0	*	*	.0
Hydroelectric	1,829,050	1,895,660	3,172,623	6.3	11.1	17.2	16.7
Other Renewables	3,750,946	3,545,514	3,909,608	.5	22.8	32.2	20.6
Other	0	0	154,586	NM	.0	.0	.8
Total Electric Industry	**16,456,150**	**11,003,317**	**18,971,635**	**1.6**	**100.0**	**100.0**	**100.0**
Coal	676,920	588,362	376,532	–6.3	4.1	5.3	2.0
Petroleum	1,872,338	3,145,163	1,919,548	.3	11.4	28.6	10.1
Natural Gas	9,267	3,369	9,438,704	115.9	.1	*	49.8
Other Gases	3,928	4,943	34	–41.0	*	*	.0
Nuclear	6,631,984	0	0	NM	40.3	.0	.0
Hydroelectric	3,510,767	3,715,966	3,172,623	–1.1	21.3	33.8	16.7
Other Renewables	3,750,946	3,545,514	3,909,608	.5	22.8	32.2	20.6
Other	0	0	154,586	NM	.0	.0	.8

See footnotes at end of tables.

Table 6. Electric Power Delivered Fuel Prices for Coal, Petroleum, and Natural Gas, 1994, 1998, and 2003

Fuel, Quality	1994	1998	2003	Annual Growth Rate 1994-2003 (Percent)
Maine				
Coal (cents per million Btu)	0.0	0.0	W	W
Average heat value (Btu per pound)	0	0	13,124	NM
Average sulfur Content (percent)	.0	.0	.7	NM
Petroleum (cents per million Btu)	213.8	202.1	555.7	11.2
Average heat value (Btu per gallon)	150,208	151,240	150,318	*
Average sulfur Content (percent)	1.2	1.2	.8	–4.5
Natural Gas (cents per million Btu)	.0	.0	584.2	NM
Average heat value (Btu per cubic foot)	0	0	1,042	NM

See footnotes at end of tables.

Table 7. Electric Power Industry Emissions Estimates, 1994, 1998, and 2003
(Thousand Metric Tons)

Emission Type	1994	1998	2003	Annual Growth Rate 1994-2003 (Percent)
Maine				
Sulfur Dioxide				
Coal	4	4	1	−11.9
Petroleum	7	32	9	4.0
Natural Gas	—	—	*	NM
Other	10	6	9	−1.2
Total	21	42	20	−.5
Nitrogen Oxide				
Coal	4	2	1	−10.9
Petroleum	5	7	3	−6.5
Gas	*	*	1	63.9
Other	6	6	6	.8
Total	14	15	11	−2.5
Carbon Dioxide				
Coal	1,054	672	634	−5.5
Petroleum	3,340	4,476	2,395	−3.6
Gas	7	3	4,145	103.1
Geothermal	—	—	—	NM
Other	79	87	488	22.4
Total	4,480	5,237	7,662	6.1

See footnotes at end of tables.

Table 8. Retail Sales, Revenue, and Average Retail Price by Sector, 1994, 1998, and 2003

Sector	1994	1998	2003	Annual Growth Rate 1994-2003 (Percent)	Percentage Share 1994	Percentage Share 1998	Percentage Share 2003
Maine							
Retail Sales (thousand megawatthours)							
Residential	3,692	3,589	4,219	1.5	31.8	30.9	35.2
Commercial	2,812	3,324	3,959	3.9	24.2	28.7	33.1
Industrial	4,952	4,622	3,793	−2.9	42.7	39.8	31.7
Other	151	63	NA	NM	1.3	.5	NA
Total	11,606	11,599	11,972	.3	100.0	100.0	100.0
Retail Revenue (million dollars)							
Residential	455	467	522	1.5	40.7	41.3	44.5
Commercial	286	343	409	4.0	25.6	30.3	34.9
Industrial	356	306	241	−4.2	31.8	27.1	20.6
Other	22	15	NA	NM	2.0	1.3	NA
Total	1,118	1,131	1,172	.5	100.0	100.0	100.0
Average Retail Price (cents/kWh)							
Residential	12.32	13.02	12.37	*	NA	NA	NA
Commercial	10.16	10.33	10.34	.2	NA	NA	NA
Industrial	7.18	6.61	6.35	−1.4	NA	NA	NA
Other	14.63	23.64	NA	NM	NA	NA	NA
Total	9.63	9.75	9.79	.2	NA	NA	NA

See footnotes at end of tables.

Table 9. Retail Electricity Sales Statistics, 2003

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Maine								
Number of Entities	1	4	NA	3	2	14	5	29
Number of Retail Customers	33	9,976	NA	2,402	2	748,446	NA	760,859
Retail Sales (thousand megawatthours)	*	385	NA	13	371	11,203	NA	11,972
Percentage of Retail Sales	*	3.22	NA	.10	3.10	93.58	NA	100.00
Revenue from Retail Sales (million dollars)	*	26	NA	2	8	558	579	1,172
Percentage of Revenue	*	2.24	NA	.19	.65	47.56	49.36	100.00
Average Retail Price (cents/kWh)	10.33	6.82	NA	17.86	2.05	4.98	5.16	9.79

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 service. 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;
Table 4 ''Other Renewables'' includes generation from municipal solid waste; Table 7 ''Other'' includes emissions from municipal solid 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.