Table 1. 2003 Summary Statistics

Item	Value	U.S. Rank
New Mexico		
NERC Region(s)		SPP/WSCC
Primary Energy Source		Coal
Net Summer Capability (megawatts)	6,289	38
Electric Utilities	5,398	32
Independent Power Producers & Combined Heat and Power	892	40
Net Generation (megawatthours)	32,735,653	37
Electric Utilities	31,770,151	30
Independent Power Producers & Combined Heat and Power	965,502	44
Emissions (thousand metric tons)		
Sulfur Dioxide	46	36
Nitrogen Oxide	71	27
Carbon Dioxide	31,158	31
Sulfur Dioxide (lbs/MWh)	3.1	37
Nitrogen Oxide (lbs/MWh)	4.8	4
Carbon Dioxide (lbs/MWh)	2,098	5
Total Retail Sales (megawatthours)	19,330,491	39
Full Service Provider Sales (megawatthours)	19,330,491	39
Direct Use (megawatthours)	445,381	38
Average Retail Price (cents/kWh)	7.00	18

See footnotes at end of tables.

Table 2. Ten Largest Plants by Generating Capability, 2003

Plant	Energy Sources	Operating Company	Net Summer Capability (MW)
New Mexico			
1. Four Corners	Gas, Coal	Arizona Public Service Co	2,040
2. San Juan	Petroleum, Coal	Public Service Co of NM	1,643
3. Cunningham	Gas	Southwestern Public Service Co	487
4. Escalante	Gas, Coal	Tri-State G & T Assn Inc	247
5. Rio Grande	Petroleum, Gas	El Paso Electric Co	231
6. New Mexico Wind Energy Center	Other	FPL Energy New Mexico Wind LLC	204
7. Maddox	Gas	Southwestern Public Service Co	193
8. Pyramid	Gas	Tri-State G & T Assn Inc	158
9. Reeves	Gas	Public Service Co of NM	154
10. Afton Generating Station	Gas	Public Service Co of NM	141

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
New Mexico						
1. Public Service Co of NM	Investor-Owned	7,352,711	2,397,946	3,607,825	1,346,940	0
2. Southwestern Public Service Co	Investor-Owned	3,413,502	864,732	1,376,379	1,172,391	0
3. El Paso Electric Co	Investor-Owned	1,407,577	492,939	817,580	97,058	0
4. Farmington City of	Public	1,064,317	216,921	361,628	485,768	0
5. Texas-New Mexico Power Co	Investor-Owned	965,727	240,977	258,850	465,900	0
Total Sales, Top Five Providers		14,203,834	4,213,515	6,422,262	3,568,057	0
Percent of Total State Sales		73	78	80	61	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
New Mexico							
Electric Utilities	**5,078**	**5,294**	**5,398**	**0.7**	**96.5**	**95.7**	**85.8**
Coal	3,901	3,913	3,942	.1	74.1	70.7	62.7
Petroleum	24	15	35	4.3	.5	.3	.6
Natural Gas	588	974	905	4.9	11.2	17.6	14.4
Dual Fired	507	311	434	–1.7	9.6	5.6	6.9
Hydroelectric	58	81	82	3.9	1.1	1.5	1.3
Independent Power Producers and Combined Heat and Power	**184**	**238**	**892**	**19.2**	**3.5**	**4.3**	**14.2**
Petroleum	26	66	10	–10.1	.5	1.2	.2
Natural Gas	52	170	347	23.5	1.0	3.1	5.5
Dual Fired	104	0	325	13.5	2.0	.0	5.2
Other Renewables	2	2	210	67.7	*	*	3.3
Total Electric Industry	**5,261**	**5,531**	**6,289**	**2.0**	**100.0**	**100.0**	**100.0**
Coal	3,901	3,913	3,942	.1	74.1	70.7	62.7
Petroleum	49	81	45	–.9	.9	1.5	.7
Natural Gas	640	1,143	1,251	7.7	12.2	20.7	19.9
Dual Fired	611	311	759	2.4	11.6	5.6	12.1
Hydroelectric	58	81	82	3.9	1.1	1.5	1.3
Other Renewables	2	2	210	67.7	*	*	3.3

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
New Mexico							
Electric Utilities	**30,018,011**	**31,428,332**	**31,770,151**	**0.6**	**98.8**	**97.2**	**97.1**
Coal	26,752,349	27,537,426	28,812,844	.8	88.0	85.2	88.0
Petroleum	22,929	23,020	47,860	8.5	.1	.1	.1
Natural Gas	3,029,843	3,631,474	2,738,748	–1.1	10.0	11.2	8.4
Hydroelectric	212,890	236,412	170,699	–2.4	.7	.7	.5
Independent Power Producers and Combined Heat and Power	**372,663**	**895,737**	**965,501**	**11.2**	**1.2**	**2.8**	**2.9**
Petroleum	2,767	4,456	2,809	.2	*	*	*
Natural Gas	359,094	882,075	779,957	9.0	1.2	2.7	2.4
Other Renewables	10,802	9,206	182,735	36.9	*	*	.6
Total Electric Industry	**30,390,674**	**32,324,069**	**32,735,653**	**.8**	**100.0**	**100.0**	**100.0**
Coal	26,752,349	27,537,426	28,812,844	.8	88.0	85.2	88.0
Petroleum	25,696	27,476	50,669	7.8	.1	.1	.2
Natural Gas	3,388,937	4,513,549	3,518,705	.4	11.2	14.0	10.7
Hydroelectric	212,890	236,412	170,699	–2.4	.7	.7	.5
Other Renewables	10,802	9,206	182,735	36.9	*	*	.6

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)
New Mexico				
Coal (cents per million Btu)	140.9	130.6	142.5	0.1
Average heat value (Btu per pound)	9,043	9,082	9,164	.1
Average sulfur Content (percent)	.8	.8	.7	–1.2
Petroleum (cents per million Btu)	464.9	439.3	W	W
Average heat value (Btu per gallon)	136,000	136,000	136,047	*
Average sulfur Content (percent)	1.0	.9	.0	NM
Natural Gas (cents per million Btu)	194.5	220.0	W	W
Average heat value (Btu per cubic foot)	1,022	1,010	996	–.3

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)
New Mexico				
Sulfur Dioxide				
Coal	57	71	46	–2.3
Petroleum	*	*	*	–4.0
Natural Gas	*	*	*	1.3
Other	—	—	—	NM
Total	57	71	46	–2.3
Nitrogen Oxide				
Coal	109	73	68	–5.1
Petroleum	*	*	*	17.9
Gas	4	5	3	–3.9
Other	*	*	—	NM
Total	113	78	71	–5.1
Carbon Dioxide				
Coal	25,997	27,110	28,977	1.2
Petroleum	22	22	37	6.2
Gas	1,996	2,855	2,145	.8
Geothermal	—	—	—	NM
Other	—	—	—	NM
Total	28,015	29,988	31,158	1.2

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
New Mexico							
Retail Sales (thousand megawatthours)							
Residential	4,080	4,642	5,418	3.2	25.7	25.5	28.0
Commercial	4,970	5,703	8,063	5.5	31.3	31.4	41.7
Industrial	5,184	6,186	5,849	1.3	32.7	34.0	30.3
Other	1,625	1,642	NA	NM	10.3	9.0	NA
Total	15,859	18,173	19,330	2.2	100.0	100.0	100.0
Retail Revenue (million dollars)							
Residential	373	411	471	2.6	33.1	33.3	34.8
Commercial	413	445	593	4.1	36.6	36.1	43.8
Industrial	244	277	290	1.9	21.6	22.5	21.4
Other	98	100	NA	NM	8.7	8.1	NA
Total	1,127	1,233	1,354	2.1	100.0	100.0	100.0
Average Retail Price (cents/kWh)							
Residential	9.14	8.85	8.69	–.6	NA	NA	NA
Commercial	8.30	7.80	7.36	–1.3	NA	NA	NA
Industrial	4.70	4.47	4.95	.6	NA	NA	NA
Other	6.05	6.11	NA	NM	NA	NA	NA
Total	7.11	6.78	7.00	–.2	NA	NA	NA

See footnotes at end of tables.

Table 9. Retail Electricity Sales Statistics, 2003

Item	Full Service Providers: Investor-Owned	Full Service Providers: Public	Full Service Providers: Federal	Full Service Providers: Cooperative	Full Service Providers: Facility	Other Providers: Energy	Other Providers: Delivery	Total
New Mexico								
Number of Entities	4	8	1	21	NA	NA	NA	34
Number of Retail Customers	624,777	79,747	4	189,781	NA	NA	NA	894,309
Retail Sales (thousand megawatthours)	13,140	2,068	127	3,996	NA	NA	NA	19,330
Percentage of Retail Sales	67.97	10.70	.66	20.67	NA	NA	NA	100.00
Revenue from Retail Sales (million dollars)	936	149	3	266	NA	NA	NA	1,354
Percentage of Revenue	69.11	11.03	.19	19.66	NA	NA	NA	100.00
Average Retail Price (cents/kWh)	7.12	7.22	2.04	6.66	NA	NA	NA	7.00

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.