

Table 1. 1998 Summary Statistics

Item	Value	U.S. Rank	Item	Value	U.S. Rank
NERC Region(s)		MACC	Utility		
Net Exporter or Importer		Importer	Capacity (MW)	13,390	22
Primary Generating Fuel		Nuclear	Generation (MWh)	35,911,086	31
Population (as of 7/98)	8,095,542	9	Average Age of Plants (years)		
Average Electricity Price (cents/kWh) ^a	10.17	47	Coal-fired	34	
Industrial	7.94	48	Petroleum-fired	30	
Commercial	10.09	46	Gas-fired	26	
Residential	11.39	44	Nuclear	19	
Industry			Hydroelectric	33	
Capacity (MW)	16,625	18	Nonutility		
Generation (MWh)	53,666,002	24	Capacity (MW)	3,235	8
Capacity/person			Share of Capacity (Percent) . . .	19.5	8
(KWe/person)	2.05	42	Generation (MWh)	17,754,916	7
Generation/person			Share of Generation (Percent) . .	33.1	6
(MWh/person)	6.63	48			
Emissions (Thousand Short Tons)					
Sulfur Dioxide	44	38			
Nitrogen Oxide	51	39			
Carbon Dioxide	19,411	38			
Sulfur Dioxide/sq. mile (Tons)	5.91	19			
Nitrogen Oxides/sq. mile (Tons)	6.83	10			
Carbon Dioxide/sq. mile (Tons)	2,616.35	11			

Table 2. Five Largest Plants, 1998

Plant	Energy Source ^b	Operating Company	Net Capability (MW)	Age (Years)
1. Salem	Nuclear	Public Service Electric&Gas Co	2,250	27
2. Hudson	Coal, Gas, Petroleum	Public Service Electric&Gas Co	1,135	34
3. Hope Creek	Nuclear	Public Service Electric&Gas Co	1,031	12
4. Kearny	Petroleum, Gas	Public Service Electric&Gas Co	784	45
5. Mercer	Coal, Petroleum	Public Service Electric&Gas Co	777	38

Table 3. Top Five Utilities Ranked by Retail Sales Revenue Within the State, 1998
(Million Dollars)

Utility	All Sectors	Residential	Commercial	Industrial	Other
A. Public Service Electric&Gas Co	3,807	1,271	1,849	631	56
B. Jersey Central Power&Light Co	1,973	889	778	286	21
C. Atlantic City Electric Company	926	377	417	121	11
D. Rockland Electric Company	136	62	68	5	1
E. City of Vineland	38	13	11	14	1
Total	6,881	2,611	3,122	1,057	90
Percentage of Utility Sales	99	99	99	100	99

Table 4. Electric Power Industry Generating Capability by Plant Type, 1988, 1993, and 1998
(Megawatts Electric)

Plant Type	1988	1993	1998	Annual Growth Rate 1988-1998 (Percent)	Percentage Share 1988	Percentage Share 1993	Percentage Share 1998
Total Utility	13,510	13,850	13,390	-0.1	86.5	84.5	80.5
Coal-fired	1,652	1,644	1,658	0.0	10.6	10.0	10.0
Petroleum-fired	3,407	3,072	2,490	-3.1	21.8	18.8	15.0
Gas-fired	165	303	1,068	20.5	1.1	1.8	6.4
Dual-fired	4,093	4,598	3,912	-0.5	26.2	28.1	23.5
Nuclear	3,863	3,853	3,862	0.0	24.7	23.5	23.2
Hydroelectric	330	380	400	1.9	2.1	2.3	2.4
Total Nonutility	2,111	2,534	3,235	4.4	13.5	15.5	19.5
Industry	15,621	16,384	16,625	0.6	100.0	100.0	100.0

Figure 1. Utility Generating Capability by Plant Type, 1998

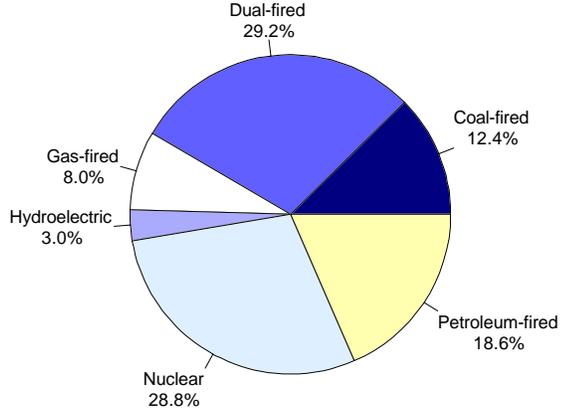


Figure 2. Utility Generation by Primary Energy Source, 1998

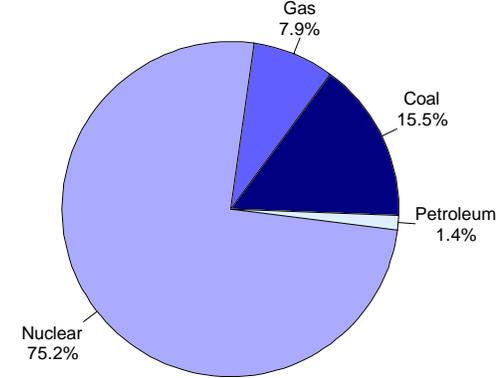


Table 5. Electric Power Industry Generation of Electricity by Primary Energy Source, 1988, 1993, and 1998
(Megawatthours)

Fuel	1988	1993	1998	Annual Growth Rate 1988-1998 (Percent)	Percentage Share 1988	Percentage Share 1993	Percentage Share 1998
Total Utility	40,159,823	34,284,622	35,911,086	-1.1	77.4	71.0	66.9
Coal	7,162,911	5,465,762	5,586,357	-2.5	13.8	11.3	10.4
Petroleum	5,051,941	1,028,686	484,998	-20.9	9.7	2.1	0.9
Gas	4,276,299	2,981,168	2,853,825	-4.0	8.2	6.2	5.3
Nuclear	23,890,324	24,932,240	27,132,139	1.3	46.0	51.7	50.6
Hydroelectric	-221,652	-123,234	-146,233	-4.1	-0.4	-0.3	-0.3
Total Nonutility	11,753,213	13,970,696	17,754,916	4.2	22.6	29.0	33.1
Industry	51,913,035	48,255,318	53,666,002	0.3	100.0	100.0	100.0

Table 6. Utility Delivered Fuel Prices for Coal, Petroleum, and Gas, 1988, 1993, and 1998
(Cents per Million Btu, 1998 Dollars)

Fuel	1988	1993	1998	Annual Growth Rate 1988-1998 (Percent)
Coal	171.7	177.3	159.0	-0.8
Petroleum	251.2	268.0	242.2	-0.4
Gas	224.5	229.9	262.0	1.5

Table 7. Electric Power Industry Emissions Estimates, 1988, 1993, and 1998
(Thousand Short Tons)

Emission Type	1988	1993	1998	Annual Growth Rate 1988-1998 (Percent)
Sulfur Dioxide	86	60	44	-6.5
Nitrogen Oxides ^c	55	39	51	-1.3
Carbon Dioxide ^c	15,602	9,421	19,411	1.2

Figure 3. Utility Generation of Electricity by Primary Energy Source, 1988-1998

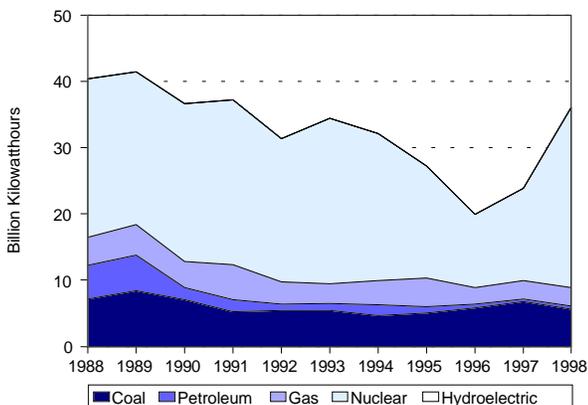


Figure 4. Utility Delivered Fuel Prices for Coal, Petroleum, and Gas, 1988-1998
(1998 Dollars)

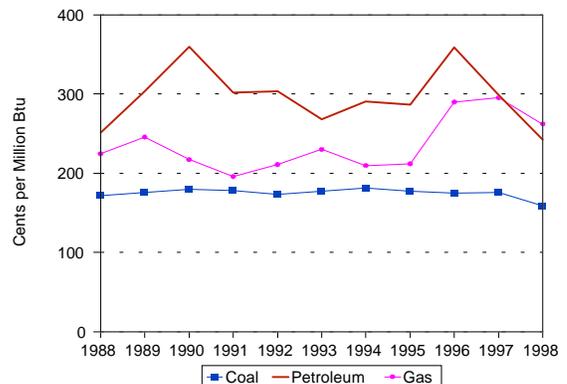


Figure 5. Estimated Sulfur Dioxide Emissions, 1988-1998

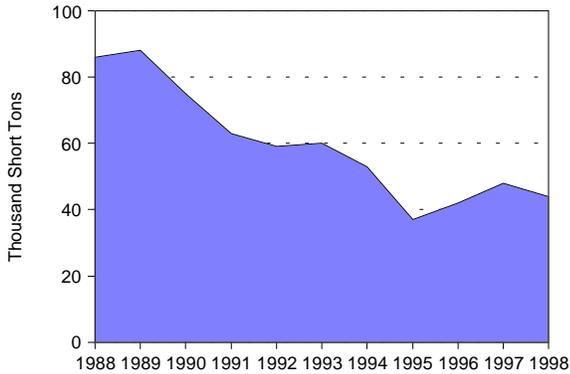


Figure 6. Estimated Nitrogen Oxide Emissions, 1988-1998

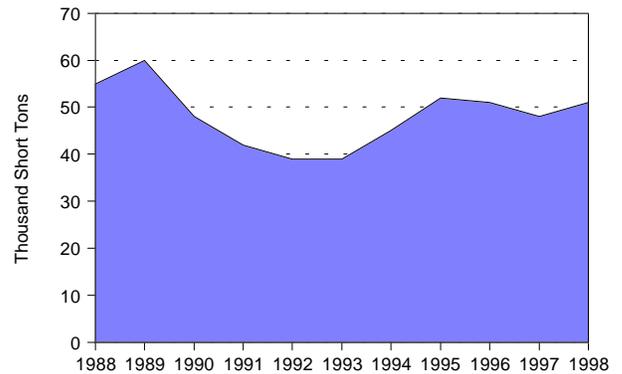


Figure 7. Estimated Carbon Dioxide Emissions, 1988-1998

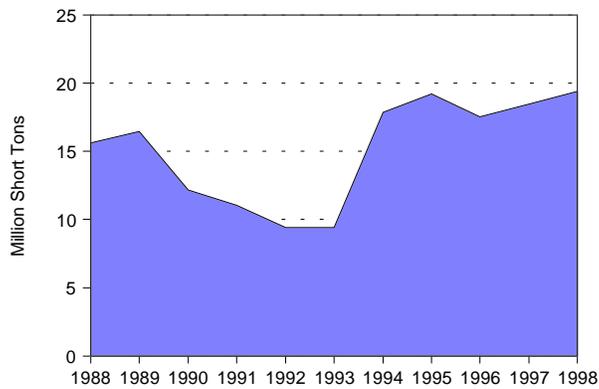


Table 8. Utility Retail Sales by Sector, 1988, 1993, and 1998
(Megawatthours)

Sector	1988	1993	1998	Annual Growth Rate 1988-1998 (Percent)	Percentage Share 1988	Percentage Share 1993	Percentage Share 1998
Residential . . .	20,656,492	22,042,043	23,190,705	1.2	33.3	33.6	34.0
Commercial . .	25,142,841	28,493,042	31,127,232	2.2	40.5	43.4	45.7
Industrial . . .	15,843,501	14,595,879	13,339,168	-1.7	25.5	22.2	19.6
Other	468,868	489,682	504,407	0.7	0.8	0.8	0.7
Total	62,111,702	65,620,646	68,161,512	0.9	100.0	100.0	100.0

Figure 8. Nuclear Power Capacity Factor Comparison, 1988-1998

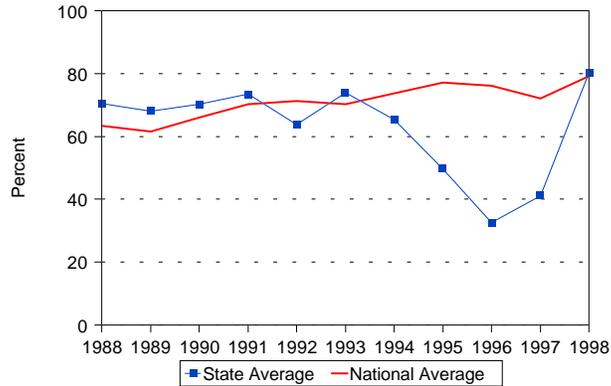


Table 9. Utility Retail Sales Statistics, 1988, 1993, and 1998

Item	Investor-Owned	Public	Federal	Cooperative	Total
	1988				
Number of Utilities	4	9	--	1	14
Number of Retail Customers	3,163,926	49,947	--	9,315	3,223,188
Retail Sales (MWh)	61,249,499	762,906	--	99,297	62,111,702
Percentage of Retail Sales	98.6	1.2	--	0.2	100.0
Revenue from Retail Sales (million 1998 dollars) ^d	6,595	82	--	15	6,692
Percentage of Revenue	98.5	1.2	--	0.2	100.0
1993					
Number of Utilities	4	9	--	1	14
Number of Retail Customers	3,291,484	52,750	--	10,071	3,354,305
Retail Sales (MWh)	64,675,898	836,057	--	108,691	65,620,646
Percentage of Retail Sales	98.6	1.3	--	0.2	100.0
Revenue from Retail Sales (million 1998 dollars) ^d	7,109	93	--	14	7,216
Percentage of Revenue	98.5	1.3	--	0.2	100.0
1998					
Number of Utilities	4	9	--	1	14
Number of Retail Customers	3,441,890	53,916	--	10,612	3,506,418
Retail Sales (MWh)	67,155,694	892,461	--	113,357	68,161,512
Percentage of Retail Sales	98.5	1.3	--	0.2	100.0
Revenue from Retail Sales (million 1998 dollars) ^d	6,842	78	--	12	6,932
Percentage of Revenue	98.7	1.1	--	0.2	100.0