

Table 1. 2001 Summary Statistics

Item	Value	Highest	Lowest
United States			
Primary Energy Source.....	Coal		
Net Summer Capability (megawatts)	848,254	Texas	District of Columbia
Utility.....	549,920	Texas	Rhode Island
Nonutility.....	298,334	Texas	Nebraska
Net Generation (megawatthours).....	3,736,643,659	Texas	District of Columbia
Utility.....	2,629,945,673	Texas	Maryland
Nonutility.....	1,106,697,986	Pennsylvania	Nebraska
Emissions (thousand short tons)			
Sulfur Dioxide	NA	NA	NA
Nitrogen Oxide	NA	NA	NA
Carbon Dioxide	2,518,819	Texas	Vermont
Sulfur Dioxide/sq. mile.....	NA	NA	NA
Nitrogen Oxide/sq. mile.....	NA	NA	NA
Carbon Dioxide/sq. mile.....	712	Indiana	Vermont
Utility and Energy Service Providers (megawatthours).....	3,369,781,529	Texas	Alaska
Utility Retail Electricity Sales (megawatthours).....	3,224,826,813	Texas	Maine
Energy Service Providers Electricity Sales (megawatthours)	144,954,716	California	New Hampshire
Direct Use (megawatthours).....	174,045,387	Texas	Washington
Utility Average Retail Price (cents/kWh).....	7.32	Hawaii	Kentucky

Table 2. Ten Largest Plants by Generating Capability, 2001

Plant	Energy Sources	Operating Company	Net Capability (MW)
United States			
1. Grand Coulee	Hydro	U S Bureau of Reclamation	7,079
2. Palo Verde	Nuclear	Arizona Public Service Co	3,733
3. W A Parish	Gas, Coal	Reliant Energy HL&P	3,654
4. Scherer	Petroleum, Coal	Georgia Power Co	3,430
5. Bowen	Petroleum, Coal	Georgia Power Co	3,294
6. Browns Ferry	Nuclear	Tennessee Valley Authority	3,291
7. Crystal River.....	Petroleum, Nuclear, Coal	Florida Power Corp	3,136
8. Gibson	Petroleum, Coal	PSI Energy Inc	3,131
9. Monroe	Petroleum, Coal	Detroit Edison Co	3,014
10. John E Amos.....	Petroleum, Coal	Appalachian Power Co	2,900

Table 3. Top Five Utilities Ranked by Retail Sales, 2001
(Megawatthours)

Utility	All Sectors	Residential	Commercial	Industrial	Other
United States					
A. TXU Electric Company.....	102,526,131	38,624,358	31,867,640	25,040,974	6,993,159
B. Florida Power & Light Company	90,495,128	47,737,017	38,079,744	4,103,798	574,569
C. Commonwealth Edison Company	76,917,652	25,281,880	26,714,632	16,055,125	8,866,015
D. Duke Energy Corporation	72,976,963	22,713,966	23,408,334	26,576,486	278,177
E. Georgia Power Company	72,544,819	20,119,080	26,493,255	25,349,477	583,007
Total	415,460,693	154,476,301	146,563,605	97,125,860	17,294,927

Table 4. Electric Power Industry Generating Capability by Primary Energy Source, 1992, 1996, and 2001
(Megawatts)

Energy Source	1992	1996	2001	Annual Growth Rate 1992-2001 (Percent)	Percentage Share 1992	Percentage Share 1996	Percentage Share 2001
United States							
Coal.....	300,385	302,420	244,451	-2.3	40.2	39.0	28.8
Petroleum.....	44,330	42,090	24,150	-6.5	5.9	5.4	2.8
Natural Gas.....	47,599	52,527	35,117	-3.3	6.4	6.8	4.1
Other Gases.....	692	63	57	-24.3	.1	.0	.0
Dual Fired.....	107,485	115,740	92,030	-1.7	14.4	14.9	10.8
Nuclear.....	98,985	100,784	63,060	-4.9	13.3	13.0	7.4
Hydroelectric.....	93,375	94,239	90,065	-.4	12.5	12.1	10.6
Other Renewables.....	2,207	2,079	979	-8.6	.3	.3	.1
Other.....	0	0	13	.0	.0	.0	.0
Total Utility.....	695,059	709,942	549,920	-2.6	93.1	91.5	64.8
Coal.....	8,986	10,962	69,780	25.6	1.2	1.4	8.2
Petroleum.....	1,312	1,495	15,564	31.6	.2	.2	1.8
Natural Gas.....	13,137	21,971	90,682	23.9	1.8	2.8	10.7
Other Gases.....	1,378	1,602	1,614	1.8	.2	.2	.2
Dual Fired.....	11,428	12,829	61,453	20.6	1.5	1.7	7.2
Nuclear.....	0	0	35,099	.0	.0	.0	4.1
Hydroelectric.....	2,587	3,308	8,515	14.2	.3	.4	1.0
Other Renewables.....	12,073	13,230	15,201	2.6	1.6	1.7	1.8
Other.....	545	550	427	-2.7	.1	.1	.1
Total Nonutility.....	51,447	65,948	298,334	21.6	6.9	8.5	35.2
Coal.....	309,372	313,382	314,230	.2	41.4	40.4	37.0
Petroleum.....	45,642	43,585	39,714	-1.5	6.1	5.6	4.7
Natural Gas.....	60,736	74,498	125,798	8.4	8.1	9.6	14.8
Other Gases.....	2,069	1,664	1,670	-2.4	.3	.2	.2
Dual Fired.....	118,913	128,570	153,482	2.9	15.9	16.6	18.1
Nuclear.....	98,985	100,784	98,159	-.1	13.3	13.0	11.6
Hydroelectric.....	95,962	97,548	98,580	.3	12.9	12.6	11.6
Other Renewables.....	14,281	15,309	16,180	1.4	1.9	2.0	1.9
Other.....	545	550	440	-2.4	.1	.1	.1
Total Industry.....	746,507	775,890	848,254	1.4	100.0	100.0	100.0

Table 5. Electric Power Industry Generation of Electricity by Primary Energy Source, 1992, 1996, and 2001
2001
(Megawatthours)

Energy Source	1992	1996	2001	Annual Growth Rate 1992-2001 (Percent)	Percentage Share 1992	Percentage Share 1996	Percentage Share 2001
United States							
Coal.....	1,575,895,394	1,737,453,477	1,560,145,542	-0.1	51.1	50.4	41.8
Petroleum.....	88,916,308	67,346,095	78,907,846	-1.3	2.9	2.0	2.1
Natural Gas.....	263,871,508	262,729,781	264,433,673	.0	8.6	7.6	7.1
Nuclear.....	618,776,263	674,728,546	534,207,221	-1.6	20.1	19.6	14.3
Hydroelectric.....	239,559,447	327,969,977	190,099,503	-2.5	7.8	9.5	5.1
Other Renewable.....	10,200,231	7,214,276	2,151,888	-15.9	.3	.2	.1
Total Utility.....	2,797,219,151	3,077,442,152	2,629,945,673	-7	90.7	89.4	70.4
Coal.....	45,310,644	57,742,115	343,810,422	25.3	1.5	1.7	9.2
Petroleum.....	11,237,856	14,065,131	45,972,372	16.9	.4	.4	1.2
Natural Gas.....	140,202,865	192,325,795	374,695,437	11.5	4.5	5.6	10.0
Other Gases.....	13,270,237	14,355,814	9,039,468	-4.2	.4	.4	.2
Nuclear.....	0	0	234,619,087	.0	.0	.0	6.3
Hydroelectric.....	9,351,974	16,104,007	18,038,098	7.6	.3	.5	.5
Other Renewable.....	63,569,591	68,581,328	75,833,176	2.0	2.1	2.0	2.0
Other.....	3,719,888	3,571,279	4,689,926	2.6	.1	.1	.1
Total Nonutility.....	286,663,056	366,745,470	1,106,697,986	16.2	9.3	10.6	29.6
Coal.....	1,621,206,038	1,795,195,592	1,903,955,964	1.8	52.6	52.1	51.0
Petroleum.....	100,154,164	81,411,226	124,880,218	2.5	3.2	2.4	3.3
Natural Gas.....	404,074,373	455,055,576	639,129,110	5.2	13.1	13.2	17.1
Other Gases.....	13,270,237	14,355,814	9,039,468	-4.2	.4	.4	.2
Nuclear.....	618,776,263	674,728,546	768,826,308	2.4	20.1	19.6	20.6
Hydroelectric.....	248,911,421	344,073,984	208,137,601	-2.0	8.1	10.0	5.6
Other Renewable.....	73,769,822	75,795,604	77,985,064	.6	2.4	2.2	2.1
Other.....	3,719,888	3,571,279	4,689,926	2.6	.1	.1	.1
Total Industry.....	3,083,882,207	3,444,187,622	3,736,643,659	2.2	100.0	100.0	100.0

Table 6. Utility Delivered Fuel Prices for Coal, Petroleum, and Natural Gas, 1992, 1996, and 2001

Fuel	1992	1996	2001	Annual Growth Rate 1992-2001 (Percent)
United States				
Coal (2001 cents per million Btu).....	161.2	135.1	123.1	-2.9
Average heat value (Btu per pound).....	10,395	10,263	10,019	-.4
Average sulfur Content(percent).....	1.3	1.1	.9	-4.1
Petroleum (2001 cents per million Btu).....	286.9	317.2	369.3	2.8
Average heat value (Btu per gallon).....	162,604	182,292	193,045	1.9
Average sulfur Content(percent).....	1.2	1.3	1.5	2.4
Gas (2001 cents per million Btu).....	265.8	276.8	448.6	6.0
Average heat value (Btu per cubic foot).....	1023.6	1017.0	1026.6	*

Table 7. Electric Power Industry Emissions Estimates, 1992, 1996, and 2001
(Thousand Short Tons)

Emission Type	1992	1996	2001	Annual Growth Rate 1992-2001 (Percent)
United States				
Sulfur Dioxide				
Coal	15,004	12,559	NA	NA
Petroleum	705	703	NA	NA
Gas.....	1	1	NA	NA
Other.....	94	101	NA	NA
Total	15,803	13,364	NA	NA
Nitrogen Oxide				
Coal	6,623	5,864	NA	NA
Petroleum	136	142	NA	NA
Gas.....	571	675	NA	NA
Other.....	74	84	NA	NA
Total	7,405	6,765	NA	NA
Carbon Dioxide				
Coal	1,718,821	1,922,577	2,045,496	1.9
Petroleum	92,396	76,752	115,770	2.5
Gas.....	242,737	267,245	354,379	4.3
Other.....	2,605	3,062	3,175	2.2
Total	2,056,560	2,269,637	2,518,819	2.3

Table 8. Retail Sales, Revenue, and Average Revenue per Kilowatthour by Sector, 1992, 1996, and 2001

Sector	1992	1996	2001	Annual Growth Rate 1992-2001 (Percent)	Percentage Share 1992	Percentage Share 1996	Percentage Share 2001
United States							
Retail Sales (thousand megawatthours)							
Residential.....	935,939	1,082,512	1,202,647	2.8	33.9	34.9	35.7
Commercial.....	761,271	887,445	1,089,154	4.1	27.5	28.6	32.3
Industrial	972,714	1,033,631	964,224	-1	35.2	33.3	28.6
Other	93,442	97,539	113,756	2.2	3.4	3.1	3.4
Total	2,763,365	3,101,127	3,369,781	2.2	100.0	100.0	100.0
Retail Sales Revenue (million 2001 dollars)							
Residential.....	87,666	94,817	103,671	1.9	40.8	42.6	42.0
Commercial.....	66,556	71,062	86,354	2.9	30.9	31.9	35.0
Industrial	53,608	49,802	48,573	-1.1	24.9	22.4	19.7
Other	7,183	7,063	7,999	1.2	3.3	3.2	3.2
Total	215,013	222,743	246,597	1.5	100.0	100.0	100.0
Average Revenue per Kilowatthour (cents/kWh) (2001 dollars)							
Residential.....	9.37	8.76	8.62	-9	NA	NA	NA
Commercial.....	8.74	8.01	7.93	-1.1	NA	NA	NA
Industrial	5.51	4.82	5.04	-1.0	NA	NA	NA
Other	7.69	7.24	7.03	-1.0	NA	NA	NA
Total	7.78	7.18	7.32	-7	NA	NA	NA

Table 9. Utility Retail Sales Statistics, 2001

Item	Investor-Owned	Public	Federal	Cooperative	Energy Service Providers	Total
United States						
Number of Entities	199	1,953	6	831	72	3,061
Number of Retail Customers.....	94,399,102	18,823,253	38,705	15,367,610	2,211,505	130,840,175
Retail Sales (thousand megawatthours)	2,361,135	517,418	34,271	312,003	144,955	3,369,781
Percentage of Retail Sales	70.07	15.35	1.02	9.26	4.30	100.00
Revenue from Retail Sales (Million 2001 Dollars)	179,443	34,359	940	21,646	10,209	246,597
Percentage of Revenue	72.77	13.93	.38	8.78	4.14	100.00