

## **Appendix D**

### **Electricity Generation and Fuel Consumption Data, 1980-1999**

**Table D1. Electricity Generation by Fuel, 1980-1999**  
(Megawatthours)

Electric Utility Generation											
Year	Coal	Heavy Oil <sup>a</sup>	Hydro	Light Oil <sup>a</sup>	Natural Gas	Nuclear	Other	Total	% Heavy Oil <sup>a</sup>	% Light Oil <sup>a</sup>	% Oil
1980	1,161,562,405	232,141,939	276,021,192	13,447,470	346,239,969	251,115,612	5,911,109	2,286,439,696	10.15%	0.59%	10.74%
1981	1,203,203,324	196,019,707	260,683,719	10,049,895	345,777,209	272,673,555	6,405,233	2,294,812,642	8.54%	0.44%	8.98%
1982	1,192,004,270	139,030,539	309,213,090	7,392,201	305,259,814	282,773,297	5,538,667	2,241,211,878	6.20%	0.33%	6.53%
1983	1,259,424,317	135,871,495	332,129,928	7,972,536	274,098,499	293,677,148	7,111,027	2,310,284,950	5.88%	0.35%	6.23%
1984	1,341,680,794	111,730,557	321,150,440	7,460,401	297,393,648	327,633,552	9,255,230	2,416,304,622	4.62%	0.31%	4.93%
1985	1,402,128,153	92,548,917	281,149,617	7,050,532	291,945,995	383,690,727	11,327,367	2,469,841,308	3.75%	0.29%	4.03%
1986	1,385,831,473	128,780,706	290,844,314	6,961,050	248,508,475	414,038,069	12,346,127	2,487,310,214	5.18%	0.28%	5.46%
1987	1,463,781,290	109,830,793	249,695,233	7,764,358	272,620,840	455,270,390	13,163,995	2,572,126,899	4.27%	0.30%	4.57%
1988	1,540,652,759	138,637,645	222,939,877	9,222,815	252,800,706	526,973,056	13,023,420	2,704,250,278	5.13%	0.34%	5.47%
1989	1,553,661,269	144,746,151	265,063,302	12,232,745	266,598,229	529,354,733	12,648,386	2,784,304,815	5.20%	0.44%	5.64%
1990	1,559,605,707	107,935,943	279,925,918	7,546,663	264,089,401	576,861,678	12,185,699	2,808,151,009	3.84%	0.27%	4.11%
1991	1,551,166,838	103,113,412	275,519,186	7,021,584	264,171,598	612,565,087	11,465,160	2,825,022,865	3.65%	0.25%	3.90%
1992	1,575,895,394	81,206,269	239,559,447	5,777,272	263,871,508	618,776,263	12,132,998	2,797,219,151	2.90%	0.21%	3.11%
1993	1,639,151,186	89,950,830	265,062,757	6,524,028	258,915,301	610,291,214	12,629,450	2,882,524,766	3.12%	0.23%	3.35%
1994	1,635,492,971	80,860,175	243,693,113	8,036,642	291,114,905	640,439,832	11,074,441	2,910,712,079	2.78%	0.28%	3.05%
1995	1,652,914,466	51,361,853	293,652,709	7,673,894	307,306,050	673,402,123	8,217,497	2,994,528,592	1.72%	0.26%	1.97%
1996	1,737,453,477	57,343,476	327,969,977	8,351,904	262,729,781	674,728,546	8,864,991	3,077,442,152	1.86%	0.27%	2.13%
1997	1,787,806,344	67,077,688	337,233,538	7,294,360	283,624,806	628,644,171	10,842,237	3,122,523,144	2.15%	0.23%	2.38%
1998	1,807,479,829	95,048,609	304,402,562	10,391,091	309,222,404	673,702,104	11,924,192	3,212,170,791	2.96%	0.32%	3.28%
1999	1,765,429,778	72,640,051	289,692,790	9,232,907	295,639,305	725,036,130	7,660,493	3,165,331,454	2.29%	0.29%	2.59%
Nonutility Generation											
Year	Coal	Hydro	Natural Gas	Nuclear	Oil	Other	Total	% Oil	% Oil: Utility and Nonutility		
1989	30,162,928	5,871,784	96,252,075	47,186	5,542,985	43,578,989	181,455,947	3.05%	5.48%		
1990	30,699,089	6,172,345	113,582,794	112,686	7,030,835	52,677,408	210,275,156	3.34%	4.06%		
1991	38,772,705	6,180,457	127,767,083	77,124	7,493,951	59,981,559	240,272,878	3.12%	3.84%		
1992	45,189,441	9,351,974	154,429,179	65,094	10,507,858	66,604,700	286,148,245	3.67%	3.16%		
1993	50,858,685	11,395,678	169,501,795	76,041	12,814,453	69,752,400	314,399,053	4.08%	3.42%		
1994	56,197,354	13,094,665	186,924,386	51,987	14,463,980	72,354,245	343,086,617	4.22%	3.18%		
1995	57,261,055	14,626,063	204,804,378	0	14,415,816	72,201,112	363,308,424	3.97%	2.19%		
1996	58,256,728	16,389,835	207,417,140	0	14,336,502	73,151,380	369,551,585	3.88%	2.32%		
1997	56,024,858	17,675,113	213,683,643	0	14,974,500	69,560,033	371,918,149	4.03%	2.56%		
1998	66,466,303	14,486,196	239,992,299	0	16,774,565	67,982,905	405,702,268	4.13%	3.38%		

<sup>a</sup>Light oil is distillate fuel oil, and heavy oil is residual fuel oil.

Notes: EIA began collecting nonutility data in 1989 and is only final through 1998. Nonutilities do not directly report the split between light and heavy oil generation.

Sources: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report"; Form EIA-860B, "Annual Electric Generator Report—Nonutility"; and Form EIA-867, "Annual Nonutility Power Producer Report."

**Table D2. Nonutility Diesel, Distillate Fuel Oil, and Residual Fuel Oil Consumption, 1991-1998**  
(Trillion Btu)

Fuel	1991	1992	1993	1994	1995	1996	1997	1998
<b>National</b>								
Diesel .....	0.000	1.111	0.776	2.344	1.997	1.759	3.468	62.036
Light Oil <sup>a</sup> .....	25.445	26.390	40.368	49.314	42.773	29.442	43.559	61.277
Heavy Oil <sup>a</sup> .....	143.471	161.073	178.430	190.096	164.183	187.660	163.697	202.143
<b>Total</b> .....	<b>168.916</b>	<b>188.574</b>	<b>219.574</b>	<b>241.754</b>	<b>208.952</b>	<b>218.862</b>	<b>210.725</b>	<b>325.456</b>
Percent Light Oil <sup>a</sup> .....	15.06%	14.58%	18.74%	21.37%	21.43%	14.26%	22.32%	37.89%
<b>Census Division 1 - New England</b>								
Diesel .....	0.000	0.087	0.087	0.059	0.093	0.439	0.322	0.080
Light Oil <sup>a</sup> .....	5.646	4.032	4.840	5.169	3.823	2.317	5.810	6.617
Heavy Oil <sup>a</sup> .....	37.415	46.032	51.329	53.033	43.297	55.141	42.672	47.435
<b>Total</b> .....	<b>43.061</b>	<b>50.151</b>	<b>56.256</b>	<b>58.261</b>	<b>47.213</b>	<b>57.898</b>	<b>48.805</b>	<b>54.132</b>
Percent Light Oil <sup>a</sup> .....	13.11%	8.21%	8.76%	8.97%	8.29%	4.76%	12.57%	12.37%
<b>Census Division 2 - Mid-Atlantic</b>								
Diesel .....	0.000	0.120	0.090	0.130	0.692	0.230	0.152	0.272
Light Oil <sup>a</sup> .....	2.861	3.497	14.586	14.836	13.148	6.398	8.855	5.907
Heavy Oil <sup>a</sup> .....	28.156	25.877	25.072	29.826	19.231	20.985	17.358	13.365
<b>Total</b> .....	<b>31.016</b>	<b>29.493</b>	<b>39.747</b>	<b>44.792</b>	<b>33.071</b>	<b>27.614</b>	<b>26.365</b>	<b>19.543</b>
Percent Light Oil <sup>a</sup> .....	9.22%	12.26%	36.92%	33.41%	41.85%	24.00%	34.16%	31.61%
<b>Census Division 3 - East North Central</b>								
Diesel .....	0.000	0.038	0.047	0.038	0.023	0.439	0.534	0.084
Light Oil <sup>a</sup> .....	0.434	0.613	1.069	2.405	2.027	1.881	1.162	11.834
Heavy Oil <sup>a</sup> .....	10.082	10.207	11.483	12.142	8.235	16.785	12.747	14.267
<b>Total</b> .....	<b>10.517</b>	<b>10.859</b>	<b>12.598</b>	<b>14.585</b>	<b>10.284</b>	<b>19.106</b>	<b>14.443</b>	<b>26.186</b>
Percent Light Oil <sup>a</sup> .....	4.13%	6.00%	8.86%	16.75%	19.93%	12.15%	11.74%	45.52%

<sup>a</sup>Light oil is distillate fuel oil, and heavy oil is residual fuel oil.

Note: EIA began collecting nonutility data in 1989 and is only final through 1998. Nonutilities do not directly report the split between light and heavy oil generation.

Sources: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report"; Form EIA-860B, "Annual Electric Generator Report—Nonutility"; and Form EIA-867, "Annual Nonutility Power Producer Report."

**Table D3. Distillate Fuel Oil Consumption for Electricity Generation by Month, 1980-1999**  
(Barrels)

Year	January	February	March	April	May	June	July	August	September	October	November	December
<b>Electric Utility Consumption</b>												
1980.....	3,203,286	2,767,869	2,195,969	1,361,970	1,523,699	1,950,633	3,828,468	4,016,097	2,149,294	1,428,027	2,310,439	2,315,747
1981.....	3,046,537	2,242,266	1,404,684	1,356,357	1,794,981	2,704,752	2,615,287	1,421,908	1,144,780	1,123,018	1,139,225	1,319,180
1982.....	3,130,528	1,420,724	1,303,949	1,132,099	991,248	1,052,983	1,360,263	1,052,720	920,767	869,811	1,007,366	1,094,257
1983.....	1,110,424	984,406	944,960	1,054,406	936,947	1,019,790	1,432,640	1,542,904	1,507,341	869,613	1,075,166	4,033,723
1984.....	2,175,565	1,017,589	1,016,260	830,822	1,009,891	1,926,542	1,258,544	1,521,989	995,602	965,315	1,326,327	1,145,748
1985.....	2,481,723	1,333,055	979,639	910,681	962,052	1,111,396	1,109,123	1,337,600	978,768	969,455	1,021,161	1,440,044
1986.....	1,688,473	1,099,686	927,837	892,584	1,209,008	1,390,314	1,727,407	1,149,790	1,106,992	869,279	1,075,512	1,189,023
1987.....	1,316,961	1,148,510	1,226,721	1,033,183	1,182,806	1,406,711	2,074,848	1,647,568	924,170	891,454	1,307,064	1,206,905
1988.....	2,299,165	1,136,519	1,044,761	805,213	998,067	1,856,758	1,942,820	3,207,212	1,004,284	1,099,674	1,201,673	2,172,828
1989.....	2,054,576	2,426,944	2,690,518	1,045,381	1,522,137	2,069,505	2,179,763	1,530,441	1,526,021	1,180,010	1,484,111	5,781,277
1990.....	1,236,942	974,012	915,910	1,035,276	1,146,358	1,554,847	1,614,610	1,618,368	1,317,642	1,185,978	910,261	1,312,892
1991.....	1,187,303	803,666	827,774	1,018,718	1,814,465	1,122,367	1,218,129	1,379,572	1,165,147	902,337	1,146,089	1,143,410
1992.....	1,103,110	806,236	843,393	810,841	842,662	1,076,973	1,427,819	1,011,487	848,761	792,314	1,003,591	988,506
1993.....	1,013,193	935,016	1,276,928	818,766	867,766	1,032,707	1,816,950	1,566,013	1,030,726	897,268	885,856	1,026,776
1994.....	3,708,634	1,396,753	1,014,052	1,041,314	1,163,764	1,871,348	1,529,794	1,020,993	869,853	810,684	862,505	1,048,118
1995.....	1,056,994	1,316,380	906,942	917,867	1,133,485	1,194,824	1,878,603	2,853,030	903,066	932,183	1,051,046	1,421,037
1996.....	1,912,533	2,480,281	1,545,042	978,254	1,345,936	1,079,182	1,293,874	1,109,970	1,066,205	937,095	997,098	2,146,357
1997.....	1,622,809	790,182	834,433	982,828	943,462	1,348,491	2,492,659	1,300,740	972,977	1,052,854	1,020,488	1,794,679
1998.....	937,723	753,648	1,179,683	963,474	1,991,844	3,102,943	3,362,457	3,044,973	2,604,877	974,845	991,126	2,133,607
1999.....	2,250,700	826,918	1,013,812	1,517,235	1,208,081	1,856,872	4,500,679	2,845,033	1,166,132	966,986	856,043	1,015,676
<b>Nonutility Consumption</b>												
1980.....	18.659	16.123	12.792	7.933	8.876	11.362	22.301	23.394	12.520	8.318	13.458	13.489
1981.....	17.746	13.061	8.182	7.901	10.456	15.755	15.234	8.283	6.668	6.542	6.636	7.684
1982.....	18.235	8.276	7.596	6.594	5.774	6.134	7.924	6.132	5.363	5.067	5.868	6.374
1983.....	6.468	5.734	5.504	6.142	5.458	5.940	8.345	8.987	8.780	5.065	6.263	23.496
1984.....	12.673	5.927	5.920	4.840	5.883	11.222	7.331	8.866	5.799	5.623	7.726	6.674
1985.....	14.456	7.765	5.706	5.305	5.604	6.474	6.461	7.792	5.701	5.647	5.948	8.388
1986.....	9.835	6.406	5.405	5.199	7.042	8.099	10.062	6.698	6.448	5.064	6.265	6.926
1987.....	7.671	6.690	7.146	6.018	6.890	8.194	12.086	9.597	5.383	5.193	7.614	7.030
1988.....	13.393	6.620	6.086	4.690	5.814	10.816	11.317	18.682	5.850	6.406	7.000	12.657
1989.....	11.968	14.137	15.672	6.089	8.866	12.055	12.697	8.915	8.889	6.874	8.645	33.676
1990.....	7.205	5.674	5.335	6.030	6.678	9.057	9.405	9.427	7.675	6.908	5.302	7.648
1991.....	6.916	4.681	4.822	5.934	10.569	6.538	7.096	8.036	6.787	5.256	6.676	6.660
1992.....	6.426	4.696	4.913	4.723	4.909	6.273	8.317	5.892	4.944	4.615	5.846	5.758
1993.....	5.902	5.446	7.438	4.769	5.055	6.016	10.584	9.122	6.004	5.227	5.160	5.981
1994.....	21.603	8.136	5.907	6.066	6.779	10.901	8.911	5.947	5.067	4.722	5.024	6.105
1995.....	6.157	7.668	5.283	5.347	6.603	6.960	10.943	16.619	5.260	5.430	6.122	8.278
1996.....	11.141	14.448	9.000	5.698	7.840	6.286	7.537	6.466	6.211	5.459	5.808	12.503
1997.....	9.453	4.603	4.861	5.725	5.496	7.855	14.520	7.577	5.668	6.133	5.944	10.454
1998.....	5.462	4.390	6.872	5.612	11.602	18.075	19.586	17.737	15.173	5.678	5.773	12.428
1999.....	13.110	4.817	5.905	8.838	7.037	10.816	26.216	16.572	6.793	5.633	4.986	5.916

Note: EIA began collecting nonutility data in 1989 and is only final through 1998. Nonutilities do not directly report the split between distillate fuel oil and residual fuel oil generation.

Sources: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report"; Form EIA-860B, "Annual Electric Generator Report—Nonutility"; and Form EIA-867, "Annual Nonutility Power Producer Report."

**Table D4. Electricity Generation by Fuel, Census Division 1, 1980-1999**  
(Megawatthours)

Electric Utility Generation											
Year	Coal	Heavy Oil <sup>a</sup>	Hydro	Light Oil <sup>a</sup>	Natural Gas	Nuclear	Other	Total	% Heavy Oil <sup>a</sup>	% Light Oil <sup>a</sup>	% Oil
1980	4,538,654	46,698,737	3,404,694	484,627	576,169	22,450,207	48,941	78,202,029	59.72%	0.62%	60.34%
1981	4,467,540	40,958,382	4,640,841	237,925	795,669	25,784,625	26,089	76,911,071	53.25%	0.31%	53.56%
1982	11,199,301	33,086,247	4,397,879	310,927	1,471,006	26,496,606	43,436	77,005,402	42.97%	0.40%	43.37%
1983	11,927,216	32,281,816	4,686,480	383,976	2,584,300	26,251,134	50,480	78,165,402	41.30%	0.49%	41.79%
1984	14,622,781	33,251,450	4,599,830	718,752	3,575,159	23,785,862	177,586	80,731,420	41.19%	0.89%	42.08%
1985	16,167,923	28,486,302	4,003,191	568,504	4,673,852	27,207,862	280,138	81,387,772	35.00%	0.70%	35.70%
1986	14,149,446	36,919,358	4,808,530	823,824	1,376,579	29,387,580	84,729	87,550,046	42.17%	0.94%	43.11%
1987	16,673,651	31,867,359	4,108,658	963,434	4,744,476	29,255,747	155,930	87,769,255	36.31%	1.10%	37.41%
1988	16,979,148	36,670,879	3,819,144	1,139,922	1,933,230	32,498,780	341,927	93,383,030	39.27%	1.22%	40.49%
1989	17,248,003	35,784,662	4,333,616	1,253,146	5,193,375	33,126,123	501,728	97,440,653	36.72%	1.29%	38.01%
1990	16,583,321	27,257,610	5,603,383	477,902	6,250,712	37,403,556	515,784	94,092,268	28.97%	0.51%	29.48%
1991	17,147,179	25,860,842	4,739,749	531,833	4,360,009	33,820,053	548,714	87,008,379	29.72%	0.61%	30.33%
1992	16,284,393	20,969,720	3,959,435	322,847	4,108,822	38,473,922	466,194	84,585,333	24.79%	0.38%	25.17%
1993	14,986,976	17,102,047	3,760,414	273,416	3,001,972	44,299,286	470,502	83,894,613	20.39%	0.33%	20.71%
1994	15,495,426	14,634,520	4,124,901	374,733	4,623,652	41,169,782	510,645	80,933,659	18.08%	0.46%	18.55%
1995	16,223,448	10,676,063	3,613,701	449,614	8,836,651	35,670,207	531,193	76,000,877	14.05%	0.59%	14.64%
1996	17,178,120	12,632,757	5,401,061	368,772	8,648,431	30,255,125	572,390	75,056,656	16.83%	0.49%	17.32%
1997	19,123,961	22,184,709	4,508,236	309,665	10,340,158	16,432,023	601,094	73,499,846	30.18%	0.42%	30.60%
1998	13,164,281	21,376,314	4,359,462	382,809	4,859,433	20,686,136	572,847	65,401,282	32.68%	0.59%	33.27%
1999	4,760,016	7,993,338	1,491,777	272,531	2,103,337	27,341,549	681,114	44,643,662	17.90%	0.61%	18.52%
Nonutility Generation											
Year	Coal	Hydro	Natural Gas	Nuclear	Oil	Other	Total	% Oil	% Oil: Utility and Nonutility		
1989	363,447	2,024,297	687,780	0	1,627,685	5,841,094	10,544,303	15.44%	35.81%		
1990	1,808,396	2,349,897	1,571,217	0	1,541,056	6,595,839	13,866,406	11.11%	27.12%		
1991	2,384,479	2,241,520	6,508,509	0	1,254,397	7,215,462	19,604,366	6.40%	25.93%		
1992	2,248,528	2,667,431	10,726,313	0	1,459,459	8,034,104	25,135,836	5.81%	20.74%		
1993	2,267,749	2,500,641	12,091,148	0	1,708,635	8,637,933	27,206,106	6.28%	17.18%		
1994	2,417,117	2,682,306	13,504,443	0	1,876,056	8,382,485	28,862,406	6.50%	15.38%		
1995	2,254,075	2,535,751	13,033,773	0	1,796,956	8,668,585	28,289,140	6.35%	12.39%		
1996	2,142,117	3,202,504	13,122,453	0	1,721,262	8,604,372	28,792,708	5.98%	14.18%		
1997	2,395,707	2,946,283	13,677,824	0	1,523,053	8,403,938	28,946,805	5.26%	23.44%		
1998	5,608,848	3,261,759	19,481,471	0	3,902,364	7,617,508	39,871,951	9.79%	24.38%		

<sup>a</sup>Light oil is distillate fuel oil, and heavy oil is residual fuel oil.

Note: EIA began collecting nonutility data in 1989 and is only final through 1998. Nonutilities do not directly report the split between light and heavy oil generation.

Sources: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report"; Form EIA-860B, "Annual Electric Generator Report—Nonutility"; and Form EIA-867, "Annual Nonutility Power Producer Report."

**Table D5. Electricity Generation by Fuel, Census Division 2, 1980-1999**  
(Megawatthours)

Electric Utility Generation											
Year	Coal	Heavy Oil <sup>a</sup>	Hydro	Light Oil <sup>a</sup>	Natural Gas	Nuclear	Other	Total	% Heavy Oil <sup>a</sup>	% Light Oil <sup>a</sup>	% Oil
1980	119,530,366	54,799,580	26,689,332	2,520,929	17,867,007	38,993,730	133,105	260,534,049	21.03%	0.97%	22.00%
1981	113,329,898	50,507,443	26,083,217	1,795,135	18,933,659	43,395,362	110,489	254,155,203	19.87%	0.71%	20.58%
1982	116,349,135	42,764,535	26,932,565	1,372,440	19,836,038	44,949,012	169,701	252,373,426	16.94%	0.54%	17.49%
1983	119,802,570	48,135,831	27,100,726	1,762,981	21,218,825	37,422,096	420,411	255,863,440	18.81%	0.69%	19.50%
1984	122,568,700	41,372,191	27,783,222	1,822,821	24,099,052	48,360,207	380,262	266,386,455	15.53%	0.68%	16.22%
1985	127,375,546	34,907,491	27,679,556	1,313,144	21,475,013	68,094,447	309,716	281,154,913	12.42%	0.47%	12.88%
1986	119,366,734	43,423,184	30,642,328	1,580,480	15,592,728	76,675,061	382,382	287,662,897	15.10%	0.55%	15.64%
1987	128,211,283	39,747,541	28,364,881	2,008,663	22,932,655	80,605,746	446,317	302,317,086	13.15%	0.66%	13.81%
1988	136,162,930	49,739,679	24,383,703	2,577,385	18,499,292	85,927,934	515,129	317,806,052	15.65%	0.81%	16.46%
1989	139,529,773	50,785,260	24,946,737	3,508,265	22,084,968	85,044,763	488,917	326,388,683	15.56%	1.07%	16.63%
1990	133,670,746	37,441,953	27,301,259	1,388,888	25,423,894	105,180,794	419,199	330,826,733	11.32%	0.42%	11.74%
1991	130,534,488	31,728,748	25,406,213	1,149,704	25,535,125	110,730,570	387,822	325,472,670	9.75%	0.35%	10.10%
1992	132,529,150	19,948,841	26,670,800	655,442	23,323,852	105,882,758	418,838	309,429,681	6.45%	0.21%	6.66%
1993	127,675,591	18,860,089	27,988,973	793,362	19,943,469	111,152,035	386,291	306,799,810	6.15%	0.26%	6.41%
1994	119,457,273	16,062,213	26,545,193	1,343,062	22,305,985	118,567,584	442,238	304,723,548	5.27%	0.44%	5.71%
1995	121,848,141	9,989,369	23,969,141	1,265,934	29,965,394	109,603,224	548,859	297,190,062	3.36%	0.43%	3.79%
1996	127,128,343	11,226,123	27,494,718	1,327,034	16,435,561	114,925,730	635,350	299,172,859	3.75%	0.44%	4.20%
1997	134,019,227	9,213,301	28,929,951	1,016,348	24,093,598	111,132,280	621,853	309,026,558	2.98%	0.33%	3.31%
1998	135,606,564	17,188,098	28,003,634	1,287,133	23,339,326	119,595,071	634,949	325,654,775	5.28%	0.40%	5.67%
1999	102,627,689	13,547,180	20,928,811	1,392,525	21,190,580	136,874,310	371,488	296,932,583	4.56%	0.47%	5.03%

  

Nonutility Generation									
Year	Coal	Hydro	Natural Gas	Nuclear	Oil	Other	Total	% Oil	% Oil: Utility and Nonutility
1989	4,593,724	734,125	5,034,383	0	1,003,274	1,759,692	13,125,197	7.64%	16.29%
1990	4,970,933	959,516	6,971,914	0	1,130,902	2,743,948	16,777,214	6.74%	11.50%
1991	7,357,624	868,084	10,722,609	0	1,100,758	3,902,716	23,951,791	4.60%	9.72%
1992	9,278,947	1,897,010	21,839,871	0	1,150,874	5,251,611	39,418,313	2.92%	6.24%
1993	10,427,744	1,706,811	27,550,666	0	1,629,765	5,662,383	46,977,369	3.47%	6.02%
1994	11,556,854	1,858,441	33,171,098	0	2,134,559	5,701,588	54,422,540	3.92%	5.44%
1995	14,037,534	1,568,617	43,855,830	0	1,718,721	6,068,114	67,248,816	2.56%	3.56%
1996	14,749,887	2,313,414	41,789,350	0	1,378,641	6,109,904	66,341,196	2.08%	3.81%
1997	13,681,606	2,143,932	42,943,210	0	1,475,078	5,901,798	66,145,624	2.23%	3.12%
1998	13,878,090	1,943,842	40,673,523	0	1,160,953	6,042,125	63,698,534	1.82%	5.04%

<sup>a</sup>Light oil is distillate fuel oil, and heavy oil is residual fuel oil.

Note: EIA began collecting nonutility data in 1989 and is only final through 1998. Nonutilities do not directly report the split between light and heavy oil generation.

Sources: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report"; Form EIA-860B, "Annual Electric Generator Report—Nonutility"; and Form EIA-867, "Annual Nonutility Power Producer Report."

**Table D6. Electricity Generation by Fuel, Census Division 3, 1980-1999**  
(Megawatthours)

Electric Utility Generation											
Year	Coal	Heavy Oil <sup>a</sup>	Hydro	Light Oil <sup>a</sup>	Natural Gas	Nuclear	Other	Total	% Heavy Oil <sup>a</sup>	% Light Oil <sup>a</sup>	% Oil
1980	318,737,720	12,369,798	3,542,335	2,105,695	4,489,256	55,662,818	65,731	396,973,353	3.12%	0.53%	3.65%
1981	314,160,401	7,870,170	3,638,526	1,522,682	3,108,490	60,675,078	71,015	391,046,362	2.01%	0.39%	2.40%
1982	300,605,571	4,805,427	3,798,062	1,219,126	2,105,608	56,121,538	79,231	368,734,563	1.30%	0.33%	1.63%
1983	316,788,766	3,366,904	4,081,849	1,034,882	2,206,395	58,606,609	68,166	386,153,571	0.87%	0.27%	1.14%
1984	331,113,923	2,324,018	3,757,723	977,890	1,465,988	64,112,071	288,731	404,040,344	0.58%	0.24%	0.82%
1985	335,639,564	1,039,246	3,888,392	1,099,962	1,086,124	65,480,464	359,616	408,593,368	0.25%	0.27%	0.52%
1986	339,512,009	2,414,521	3,567,489	973,161	1,508,457	66,094,347	515,749	414,585,733	0.58%	0.23%	0.82%
1987	348,953,676	1,806,007	2,504,834	916,707	940,007	83,406,568	660,942	439,188,741	0.41%	0.21%	0.62%
1988	350,815,830	1,778,323	2,389,259	1,049,361	1,579,892	106,892,852	692,867	465,198,384	0.38%	0.23%	0.61%
1989	355,688,019	1,515,202	2,698,089	929,653	1,524,204	119,641,214	719,114	482,715,495	0.31%	0.19%	0.51%
1990	362,333,020	766,901	3,263,316	922,275	2,277,257	115,387,612	884,973	485,835,354	0.16%	0.19%	0.35%
1991	365,922,735	1,120,295	3,722,686	958,609	3,404,539	124,711,513	620,891	500,461,268	0.22%	0.19%	0.42%
1992	360,265,015	585,362	3,858,054	714,599	2,899,912	118,603,736	636,749	487,563,427	0.12%	0.15%	0.27%
1993	376,682,351	933,539	3,728,314	931,864	2,794,372	128,373,693	336,432	513,780,565	0.18%	0.18%	0.36%
1994	383,432,200	1,401,292	3,280,251	1,132,569	4,547,292	109,267,496	348,533	503,409,633	0.28%	0.22%	0.50%
1995	388,842,356	954,914	3,594,239	1,006,164	6,014,150	130,666,901	626,623	531,705,347	0.18%	0.19%	0.37%
1996	408,295,640	936,078	4,104,902	914,545	3,723,063	120,644,464	761,384	539,380,076	0.17%	0.17%	0.34%
1997	416,284,507	697,443	3,926,264	922,217	5,995,918	92,229,327	922,559	520,978,235	0.13%	0.18%	0.31%
1998	418,626,920	1,153,843	2,805,713	1,160,522	9,116,698	93,962,727	1,342,695	528,169,118	0.22%	0.22%	0.44%
1999	408,764,344	1,166,331	2,007,648	1,274,409	7,793,638	123,863,436	1,092,646	545,962,452	0.21%	0.23%	0.45%
Nonutility Generation											
Year	Coal	Hydro	Natural Gas	Nuclear	Oil	Other	Total	% Oil	% Oil: Utility and Nonutility		
1989	5,482,204	196,841	5,239,145	0	389,296	2,207,364	13,514,850	2.88%	0.57%		
1990	5,248,707	239,601	11,536,178	0	461,894	2,638,400	20,124,779	2.30%	0.43%		
1991	5,236,546	263,591	11,796,682	0	355,624	3,034,696	20,687,139	1.72%	0.47%		
1992	6,301,252	509,868	13,135,997	0	492,481	3,101,626	23,541,224	2.09%	0.35%		
1993	6,834,096	515,108	13,840,733	0	605,717	3,523,084	25,318,738	2.39%	0.46%		
1994	8,292,266	527,927	14,675,851	0	692,476	3,806,167	27,994,687	2.47%	0.61%		
1995	6,507,582	483,263	15,694,169	0	623,473	4,157,753	27,466,240	2.27%	0.46%		
1996	6,672,292	519,380	17,569,020	0	784,382	4,529,799	30,074,873	2.61%	0.46%		
1997	6,639,081	522,544	17,606,281	0	711,619	5,079,225	30,558,751	2.33%	0.42%		
1998	9,315,096	433,820	16,975,793	0	1,063,869	5,175,108	32,963,686	3.23%	0.60%		

<sup>a</sup>Light oil is distillate fuel oil, and heavy oil is residual fuel oil.

Note: EIA began collecting nonutility data in 1989 and is only final through 1998. Nonutilities do not directly report the split between light and heavy oil generation.

Sources: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report"; Form EIA-860B, "Annual Electric Generator Report—Nonutility"; and Form EIA-867, "Annual Nonutility Power Producer Report."