

**Table 5.4 – Consumption of Fossil Fuels by Electric Generators**

	<u>1980</u>	<u>1990</u>	<u>2000</u>	<u>2001</u>	<u>2002</u>	<u>2003</u>	<u>2004</u> <sup>8</sup>	<u>2010</u>	<u>2015</u>	<u>2020</u>	<u>2025</u>	<u>2030</u>
Coal (million short tons) <sup>1</sup>	569	781	983	962	975	1,003	1,013	1,140	1,161	1,235	1,354	1,502
Distillate Fuel Oil (million barrels) <sup>2</sup>	29	16	30	29	22	27	18	40	40	41	44	46
Residual Fuel Oil (million barrels) <sup>3</sup>	391	183	138	159	105	137	141	117	116	117	118	128
Petroleum Coke (million short tons)	0.2	1.0	3.2	3.3	5.7	5.7	6.8	NA	NA	NA	NA	NA
Other Liquids (million barrels) <sup>4</sup>	NA	0.02	0.4	0.4	1.2	1.9	2.0	NA	NA	NA	NA	NA
Total Petroleum (million barrels) <sup>5</sup>	421	205	184	205	156	195	195	157	156	158	162	173
Natural Gas (billion cubic feet)	3,682	3,147	5,014	5,142	5,408	4,909	5,217	5,509	7,142	7,459	7,052	6,381
<b>Stocks of Coal and Petroleum (end of year)<sup>6</sup></b>												
Coal (million short tons)	183	156	102	138	142	122	107	NA	NA	NA	NA	NA
Petroleum (million barrels) <sup>7</sup>	136	84	41	57	52	53	50	NA	NA	NA	NA	NA

**Sources:** EIA, *Annual Energy Outlook 2006*, DOE/EIA-0383(2006) (Washington, D.C., February 2006), Tables A2, A13, and A15; EIA, *Annual Energy Review 2004*, DOE/EIA-0384(2004) (Washington, D.C., August 2005), Table 8.5b and 8.8.

**Notes:**

Data is for electric-power sector consumption only. Data include fuel consumption to produce electricity by combined-heat-and-power plants. Through 1988, consumption data are for electric utilities only. Beginning in 1989, consumption data also include independent power producers.

<sup>1</sup> Anthracite, bituminous coal, subbituminous coal, lignite, waste coal, and synthetic coal.

<sup>2</sup> Light fuel oil (Nos. 1, 2, and 4). For 1949-1979, data are for gas turbine and internal combustion plant use of petroleum. For 1980-2000, electric utility data also include small amounts of kerosene and jet fuel. Forecast values calculated from quadrillion Btu using conversion factor 5.825 MMBtu/barrel.

<sup>3</sup> Heavy fuel oil (Nos. 5 and 6). For 1949-1979, data are for steam plant use of petroleum. For 1980-2000, electric utility data also include a small amount of fuel oil No. 4. Forecast values calculated from quadrillion Btu using conversion factor 6.287 MMBtu/barrel.

<sup>4</sup> Jet fuel, kerosene, other petroleum liquids, and waste oil.

<sup>5</sup> Petroleum coke is converted from short tons to barrels by multiplying by 5. In forecasted values, total petroleum is calculated sum.

<sup>6</sup> Through 1998, data are for electric utilities only. Beginning in 1999, data are for electric utilities and independent power producers.

<sup>7</sup> Includes distillate fuel oil, residual fuel oil, other liquids, and petroleum coke.

<sup>8</sup> All 2004 figures are preliminary

NA = not available