

DRAFT

Table HL1. U.S. Energy Supply and Demand: Base Case

	Year				Annual Percentage Change		
	2002	2003	2004	2005	2002-2003	2003-2004	2004-2005
Real Gross Domestic Product (GDP)							
(billion chained 2000 dollars)	10075	10381	<i>10837</i>	<i>11166</i>	3.0	<i>4.4</i>	<i>3.0</i>
Imported Crude Oil Price ^a							
(nominal dollars per barrel)	23.71	27.74	<i>36.75</i>	<i>42.18</i>	17.0	<i>32.4</i>	<i>14.8</i>
Petroleum Supply (million barrels per day)							
Crude Oil Production ^b	5.75	5.68	<i>5.39</i>	<i>5.56</i>	-1.1	<i>-5.1</i>	<i>3.2</i>
Total Petroleum Net Imports (Million Barrels per Day)							
(including SPR)	10.54	11.24	<i>11.75</i>	<i>11.84</i>	6.6	<i>4.6</i>	<i>0.7</i>
Energy Demand							
World Petroleum							
(million barrels per day)	<i>78.4</i>	79.7	<i>82.5</i>	<i>84.5</i>	1.6	<i>3.5</i>	<i>2.4</i>
Petroleum							
(million barrels per day)	19.76	20.03	<i>20.43</i>	<i>20.64</i>	1.4	<i>2.0</i>	<i>1.0</i>
Natural Gas							
(trillion cubic feet)	23.00	21.95	<i>22.01</i>	<i>22.51</i>	-4.6	<i>0.3</i>	<i>2.3</i>
Coal ^c							
(million short tons)	1066	1095	<i>1103</i>	<i>1132</i>	2.7	<i>0.7</i>	<i>2.6</i>
Electricity (billion kilowatthours)							
Retail Sales ^d	3463	3500	<i>3565</i>	<i>3652</i>	1.1	<i>1.9</i>	<i>2.4</i>
Other Use/Sales ^e	177	174	<i>179</i>	<i>181</i>	-1.7	<i>3.1</i>	<i>1.3</i>
Total	3639	3674	<i>3744</i>	<i>3833</i>	0.9	<i>1.9</i>	<i>2.4</i>
Total Energy Demand ^f							
(quadrillion Btu)	97.4	97.5	<i>98.4</i>	<i>100.4</i>	0.1	<i>1.0</i>	<i>2.1</i>
Total Energy Demand per Dollar of GDP							
(thousand Btu per 2000 Dollar)	9.66	9.39	<i>9.08</i>	<i>8.99</i>	-2.8	<i>-3.3</i>	<i>-0.9</i>
Renewable Energy as Percent of Total ^g	6.4%	6.4%	<i>6.6%</i>	<i>6.7%</i>			

^aRefers to the refiner acquisition cost (RAC) of imported crude oil.

^bIncludes lease condensate.

^cTotal Demand includes estimated Independent Power Producer (IPP) coal consumption.

^dTotal of retail electricity sales by electric utilities and power marketers. Utility sales for historical periods are reported in Energy Information Administration (EIA) *Electric Power Monthly* and *Electric Power Annual*. Power marketers' sales for historical periods are reported in EIA's *Electric Sales and Revenue*, Appendix C. Data for 2003 are estimates.

^eDefined as the sum of facility use of onsite net electricity generation plus direct sales of power by industrial- or commercial-sector generators to third parties, reported annually in Table 7.5 of the *Monthly Energy Review (MER)*. Data for 2003 are estimates.

^fThe conversion from physical units to Btu is calculated by using a subset of conversion factors used in the calculations performed for gross energy consumption in EIA's *MER*. Consequently, the historical data may not precisely match those published in the *MER* or the *Annual Energy Review (AER)*.

^gRenewable energy includes minor components of non-marketed renewable energy, which is renewable energy that is neither bought nor sold, either directly or indirectly, as inputs to marketed energy. EIA does not estimate or project total consumption of non-marketed renewable energy.

SPR: Strategic Petroleum Reserve.

Notes: Minor discrepancies with other published EIA historical data are due to independent rounding. Historical data are printed in bold; estimates and forecasts are in italics. The forecasts were generated by simulation of the Short-Term Integrated Forecasting System.

Sources: Historical data: Latest data available from Bureau of Economic Analysis and Energy Information Administration; latest data available from EIA databases supporting the following reports: *Petroleum Supply Monthly*, DOE/EIA-0109; *Petroleum Supply Annual*, DOE/EIA-0340/2; *Natural Gas Monthly*, DOE/EIA-0130; *Electric Power Monthly*, DOE/EIA-0226; and *Quarterly Coal Report*, DOE/EIA-0121; *International Petroleum Monthly* DOE/EIA-0520; *Weekly Petroleum Status Report*, DOE/EIA-0208. Macroeconomic projections are based on Global Insight Model of the US Economy, October 2004.