

Short-Term Energy Outlook

July 11, 2006 Release

Overview

Summer 2006 (April 1 to September 30) regular gasoline pump prices are now expected to average \$2.88 per gallon, 12 cents per gallon higher than last month's projection and 51 cents higher than last year's average of \$2.37 per gallon. For an analysis of recent trends in motor gasoline prices and our current forecast, see our supplement to this month's *Outlook*: [Summer 2006 Motor Gasoline Prices](#).

In 2006 and 2007, the West Texas Intermediate (WTI) crude oil spot price is projected to average about \$69 per barrel ([Figure 1. West Texas Intermediate Crude Oil Price](#)). In 2006, retail regular gasoline prices are projected to average \$2.67 per gallon and \$2.60 in 2007 ([Figure 2. Gasoline and Crude Oil Prices](#)).

Natural gas prices are projected to be lower through the rest of this year relative to the corresponding period in 2005. The expected 2006 average of \$7.61 per thousand cubic feet (mcf) for Henry Hub spot prices would be a drop of \$1.25 from the 2005 average ([Figure 3. Natural Gas Henry Hub Spot Prices](#)). For 2007, the Henry Hub average price likely will move back up to an average of \$8.13 per mcf, assuming sustained high oil prices, normal weather, and continued economic expansion in the United States.

Global Petroleum Markets

Although higher prices have slowed world petroleum consumption growth, expected growth remains strong at 1.6 million barrels per day (bbl/d) in 2006 and 1.8 million bbl/d in 2007 ([Figure 4. World Oil Consumption Growth](#)). Most consumption growth will be met by increases in non-OPEC (Organization of Petroleum Exporting Countries) production. The remainder will be met by increases in OPEC production or drawdown of inventories.

First quarter 2006 production data show slightly higher-than-expected non-OPEC production, but growth for the year will likely remain flat at 0.8 million bbl/d ([Figure 5. Growth in World Consumption and Non-OPEC Production](#)). This includes 0.2 million bbl/d of total liquids growth from the United States as

producers continue to recover from losses suffered during the 2005 hurricane season. Growth in 2007 non-OPEC production likely will rise to more than 1.4 million barrels per day ([Figs. 6a-6f, International Oil Supply Charts](#)).

Relative to 2005, surplus world crude oil production capacity, most of which is located in Saudi Arabia, is expected to rise only slightly in 2006 and 2007 ([Figure 7. World Oil Surplus Production Capacity](#)). Because only limited surplus capacity could be tapped during the forecast period, existing and potential supply problems in Nigeria, Iran, Iraq and Venezuela raise concern, as does the threat of more hurricane damage. These factors, as well as the continued tight supply-demand balance, lead us to expect little relief from current pricing patterns.

Cutbacks in production in Saudi Arabia and damage to production facilities in Nigeria have resulted in a decline in OPEC supplies during the first half of 2006 despite an increase in Iraqi production in June. Not surprisingly, this decline in OPEC supply has led to a counter-seasonal pattern in global oil inventories during the second quarter of 2006, with inventories building only slightly. Organization of Economic Cooperation and Development (OECD) inventories began the second quarter at the upper end of their past 5-year range for this time of year. However, when measured on the basis of how many days of demand the current supply could meet, OECD inventories were only in the middle of their observed 5-year range. The drawdown is expected to make the market even tighter. By the end of 2007, EIA expects days of supply of OECD inventories to finish at the bottom of their 5-year lows for that time of year.

U.S. Petroleum Markets

In 2006 and 2007, petroleum consumption is projected to increase by 0.4 percent and 2.1 percent, respectively ([Figure 8. U.S. Petroleum Products Consumption Growth](#)). While motor gasoline consumption exhibited almost no growth in 2005, it is projected to grow 0.7 percent in 2006 and 1.0 percent in 2007. This pattern reflects an anticipated continuation in U.S. economic growth and the stabilization of motor gasoline prices. Distillate (diesel fuel and heating oil) consumption, having increased 1.3 percent in 2005, is projected to increase 2.1 percent in 2006 and 2.7 percent in 2007. Transportation diesel fuel consumption is projected to show solid growth in 2006 and 2007, averaging 3.4 percent per year as the economy continues to expand.

Through the first 6 months of 2006, refinery inputs of crude oil have declined an average of 490,000 bbl/d (3.1 percent) relative to the same period last year. There are

several reasons for this decline. A number of refineries remained shut down or operated at reduced rates because of hurricane damage. Others pursued maintenance schedules that had been deferred from last fall, while others installed equipment to meet the new Tier 2 gasoline and ultra-low-sulfur-diesel regulations. The lower crude runs impacted motor gasoline and distillate inventories, which fell by 18 and 19 million barrels, respectively, from the end of February through the end of April. However, a surge in product imports in May and June helped reverse the decline. Total primary motor gasoline stocks at the end of June were 0.5 million barrels below the previous 5-year average. Distillate stocks were 8.5 million barrels above the previous 5-year average ([Figure 9. Motor Gasoline and Distillate Inventories.](#))

Retail regular gasoline prices are projected to average about \$2.67 per gallon in 2006 and \$2.60 per gallon in 2007. Summer 2006 (April 1 to September 30) regular gasoline pump prices are expected to average \$2.88 per gallon, 51 cents higher than last year's average of \$2.37 per gallon. Summer 2006 retail diesel fuel prices are expected to average \$2.86 per gallon, 45 cents higher than last year's average of \$2.41 per gallon.

Natural Gas Markets

In 2006, total U.S. natural gas consumption is projected to fall below 2005 levels by 1.7 percent then increase by 4.2 percent in 2007 ([Figure 10. Total U.S. Natural Gas Consumption Growth](#)). Because of the exceptionally warm January this year, residential natural gas consumption is projected to fall in 2006 by 7.4 percent from 2005 levels and then increase by 8.8 percent in 2007. Following recovery from the 2005 hurricane season, the output of natural-gas-intensive industries will likely contribute to some growth in industrial natural gas consumption this year (1.4 percent) and more in 2007 (4.7 percent).

In 2005, domestic dry natural gas production declined by 2.7 percent, largely because hurricanes damaged the infrastructure in the Gulf of Mexico. Dry natural gas production is projected to increase by 0.6 percent in 2006 and 1.1 percent in 2007. Total liquefied natural gas (LNG) net imports are expected to increase from their 2005 level of 630 billion cubic feet (bcf) to 760 bcf in 2006 and to 1,000 bcf in 2007.

On June 30, 2006, working natural gas in storage stood at an estimated 2,615 bcf. Stocks are 425 bcf above 1 year ago and 591 bcf above the previous 5-year average ([Figure 11. U.S. Working Natural Gas in Storage](#)). The relatively warm winter weather and the large difference by which prices for future delivery contracts for the 2006-2007 winter months exceeded spot prices account for much of the current high

storage level. Spot Henry Hub natural gas prices, which averaged \$8.86 per mcf in 2005, are expected to average under \$7.00 per mcf over the next few months. Thus, barring extreme weather for the rest of the year, we expect a decline in the annual average Henry Hub spot price to about \$7.61 per mcf for 2006. However, the respite is expected to be short-lived, as concerns about potential future supply tightness and continuing pressure from high oil market prices could drive spot natural gas prices to just over \$9.00 per mcf this coming December and January. The Henry Hub price is expected to average \$8.13 per mcf in 2007.

Electricity Markets

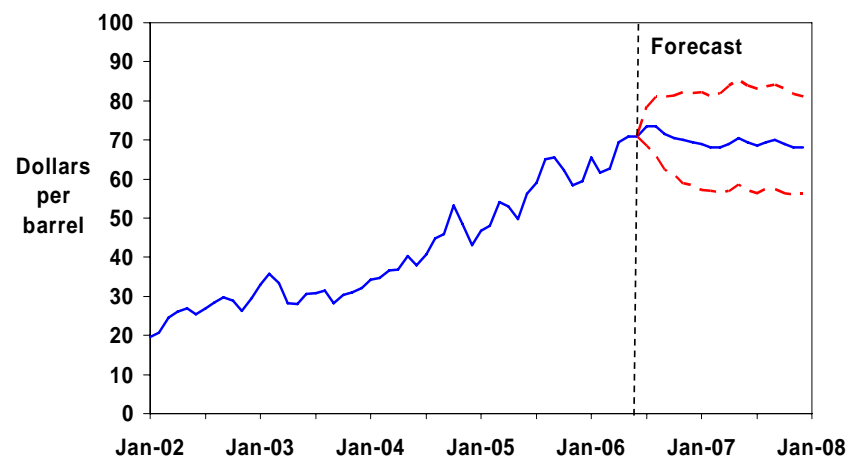
Electricity consumption is expected to increase by 0.6 percent in 2006 and by 1.4 percent in 2007 ([Figure 12. Total U.S. Electricity Consumption Growth](#)). In 2005, residential electricity prices rose an estimated 5.1 percent nationally. In 2006, these prices are expected to increase by 7.8 percent and, in 2007, by another 2.9 percent. Sharply higher prices for peaking fuels and high summer demand for those fuels, particularly natural gas, contributed to the increases in 2005. These same factors are expected to raise prices in 2006. Moreover, delivered residential prices will likely climb in many regions in 2006.

Coal Markets

Electric power sector consumption of coal is projected to grow by some 0.3 percent in 2006 and by another 1.6 percent in 2007 ([Figure 13. U.S. Coal Consumption Growth](#)). Power sector demand for coal continues to increase in response to high natural gas and oil prices. In 2006, U.S. coal production is expected to grow to 1,144 million short tons (mst), or 1.0 percent growth from 2005, and increase by another 1.2 percent in 2007 to 1,158 mst ([Figure 14. U.S. Coal Production](#)). The price of coal to the electric power sector is projected to rise throughout the forecast period, although at a slower rate than in 2005. Coal prices to the electric power sector are projected to climb from \$1.54 per million Btu in 2005 to \$1.66 per million Btu in 2007.

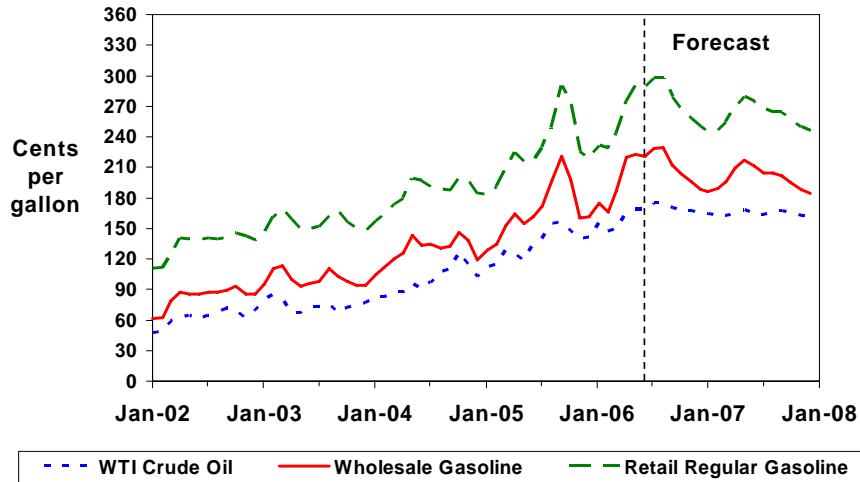
Chart Gallery for July 2006

Figure 1. West Texas Intermediate Crude Oil Price (Base Case and 95% Confidence Interval*)



*The confidence intervals show +/- 2 standard errors based on the properties of the model.

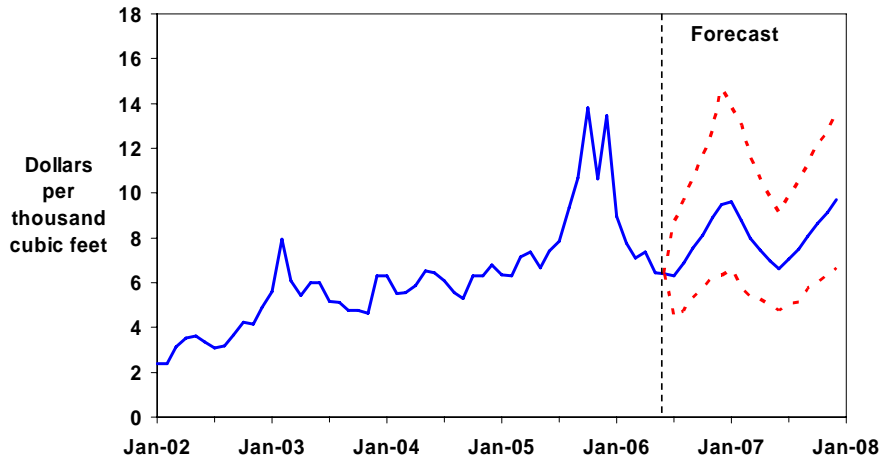
Figure 2. Gasoline and Crude Oil Prices



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Figure 3. Natural Gas Henry Hub Spot Prices (Base Case and 95% Confidence Interval*)

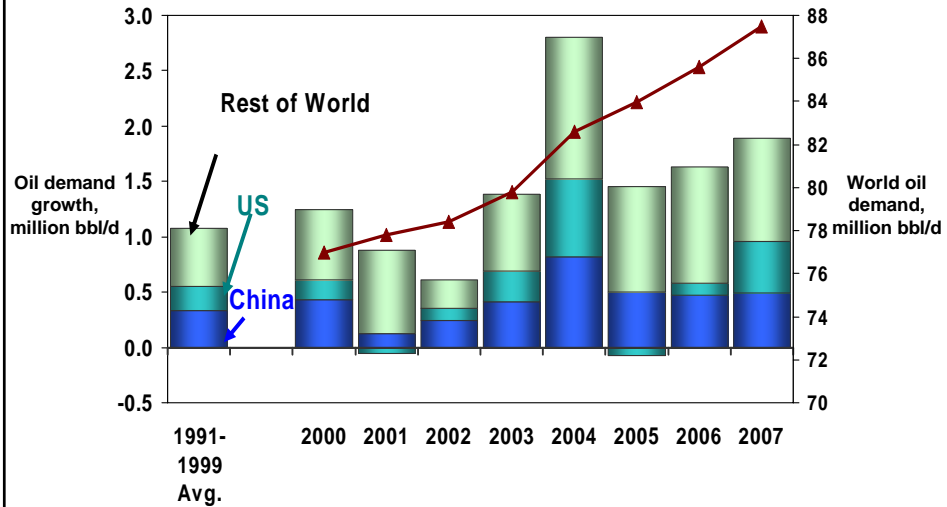


*The confidence intervals show +/- 2 standard errors based on the properties of the model.

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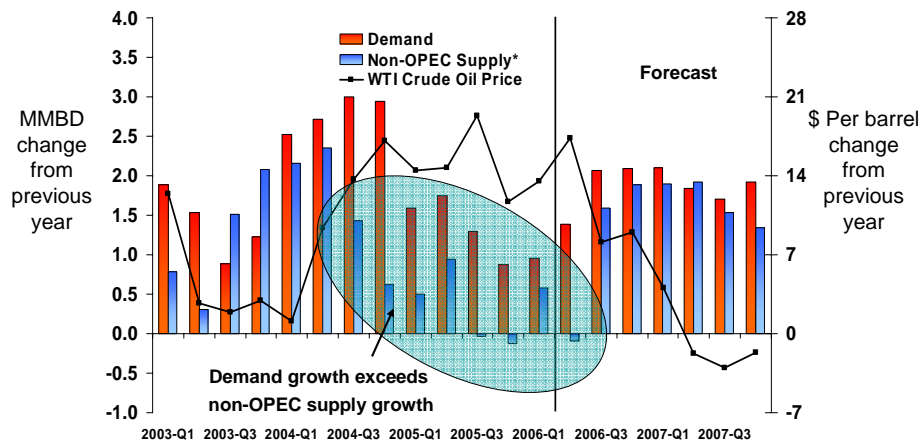
Figure 4. World Oil Consumption Growth



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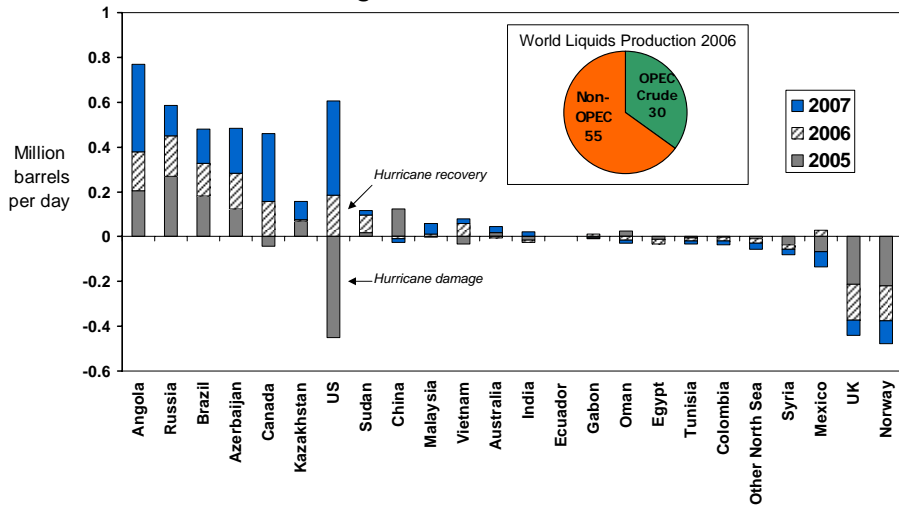
Figure 5. Growth in World Consumption & Non-OPEC Production



*Includes OPEC non-crude production, MMBD= million barrels per day
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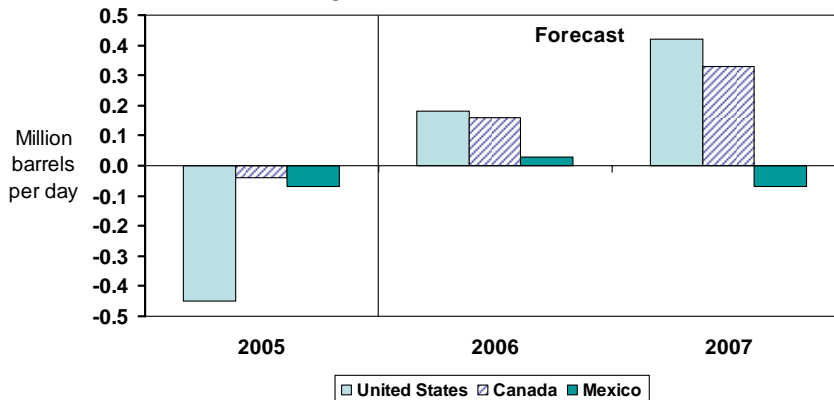
Figure 6a. World Oil Supply Growth
(Change from Previous Year)



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Figure 6b. North America Oil Supply
(Change from Previous Year)

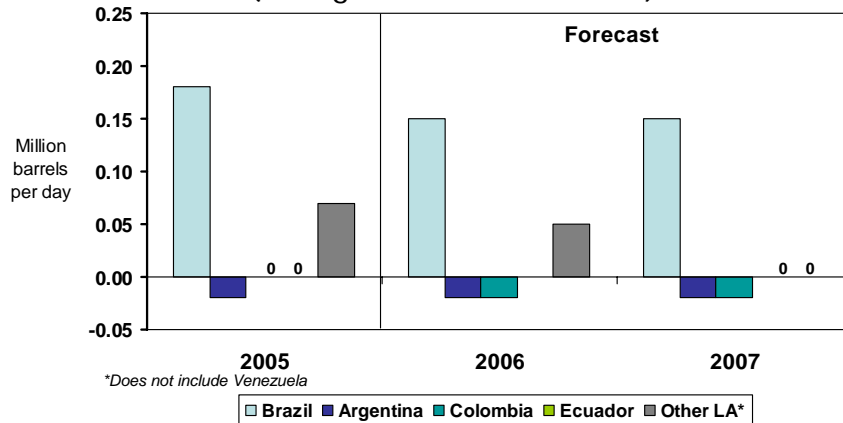


- Mars production complex in Gulf has ramped up to around 225,000 bbl/d during June.
- Despite declining conventional production in the W. Canada Sedimentary Basin, total Canadian oil production will increase due to rising oil sands production and the White Rose field.
- One development in the past month has decreased our Canadian oil growth forecasts:
 - Planned Terra Nova maintenance began 1 month earlier than planned during May affecting 160 kb/d of production.
- Small Mexican production growth depends on level of Cantarell decline (6% in 2006).

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Figure 6c. Latin America Oil Supply
(Change from Previous Year)

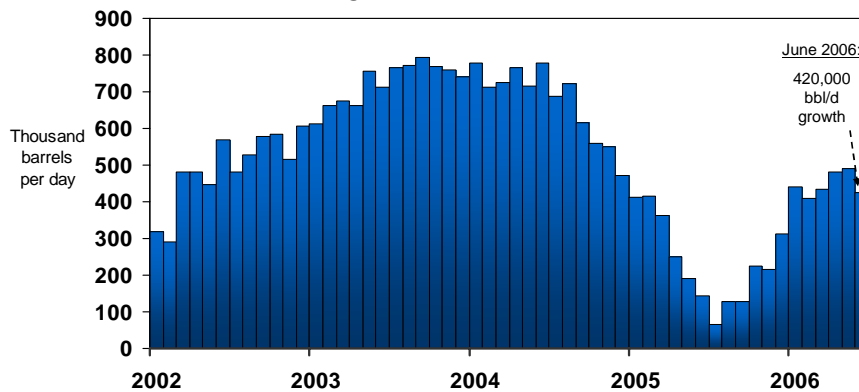


- Albacore Leste (P-50) came online end of April 2006. Production is expected to increase to 180,000 bbl/d by Q4 2006.
- Petroecuador has obtained management and ownership of roughly 100,000 bbl/d of Ecuador's production.
- Mature field declines in Argentina and Colombia will offset increased production from Trinidad and Tobago.

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Figure 6d. Russia Oil Supply
(Change from Previous Year)

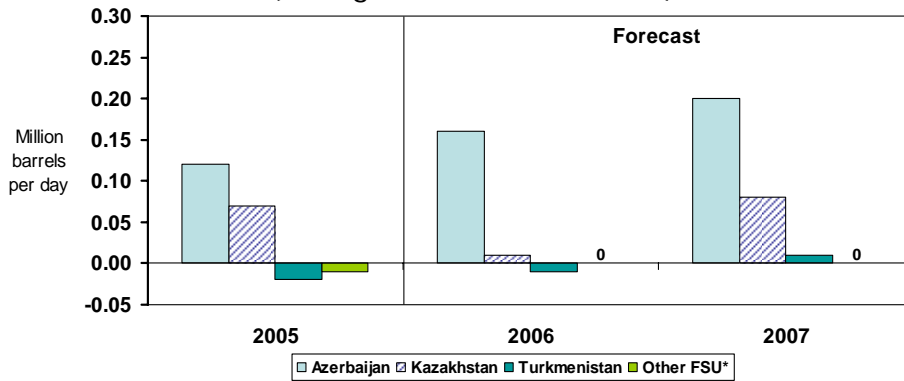


- EIA expects slower oil production growth of 1.9% in Russia in 2006.
- Production performance at Sibneft, Yukos continued to improve during June.
- TNK-BP and Lukoil production performance is inexplicably below expectations.
- Export taxation hindering maintenance on existing fields and new field development.
- 2007 growth is smaller (1.2%) and may depend on when mature field declines begin.

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Figure 6e. Caspian Region Oil Supply
(Change from Previous Year)



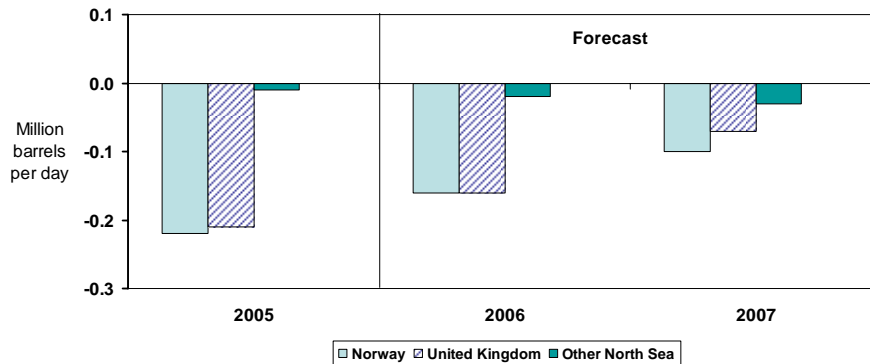
*Other FSU includes Ukraine, Uzbekistan, Tajikistan and Kyrgyzstan

- ACG oil fills first official cargo in Ceyhan, Turkey in July leading to higher exports from Azerbaijan.
- Gas reinjection system installed in May which will allow for better recovery rates from ACG fields
- Maintenance problems at Karachaganak and Tengiz oil fields lowered 1H 2006 annual production growth in Kazakhstan.

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Figure 6f. North Sea Oil Supply
(Change from Previous Year)

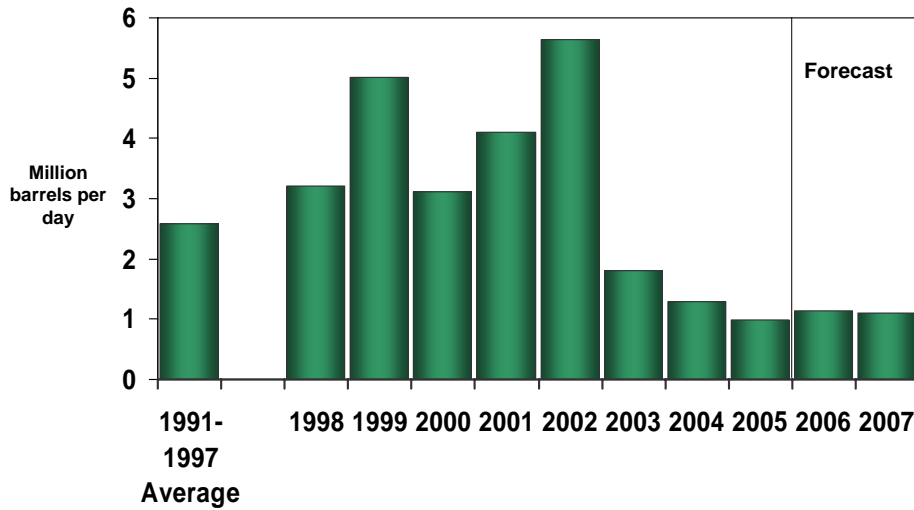


- North Sea liquids production continues to decline, but at a slower rate due to added capacity in 2006 and 2007.
- Earlier and heavier maintenance announced in Norway will lead to lower production in 2006. Visund (25,000 bbl/d) and Snorre (130,000 bbl/d) fields still offline since 1Q 2006.
- EIA raised its Denmark outlook due to improved performance at the Dan, Halfdan, and South Arne oilfields.
- In the UK, several fields totalling up to 120,000 bbl/d throughout 2006 will likely stem the rate of decline in 2006. Buzzard, the largest of these, is expected to come online at 85,000 bbl/d in late 2006 and ramp to 100,000 bbl/d by mid-2007.

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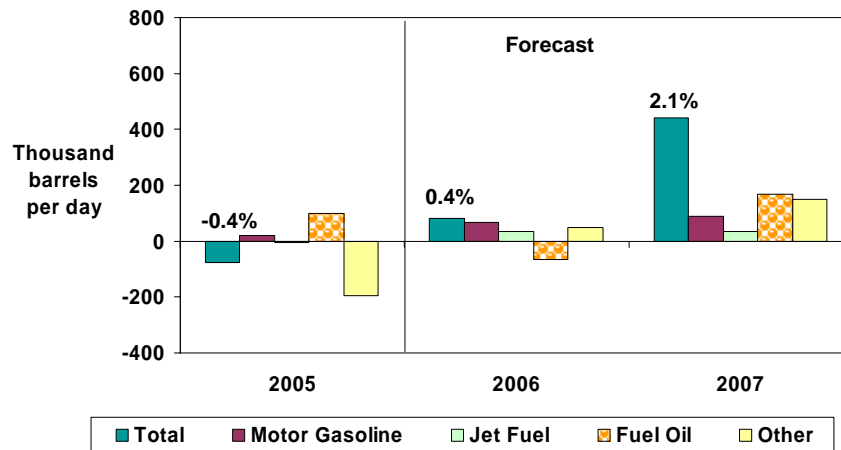
Figure 7. World Oil Surplus Production Capacity



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Figure 8. U.S. Petroleum Products Consumption Growth (Change from Previous Year)

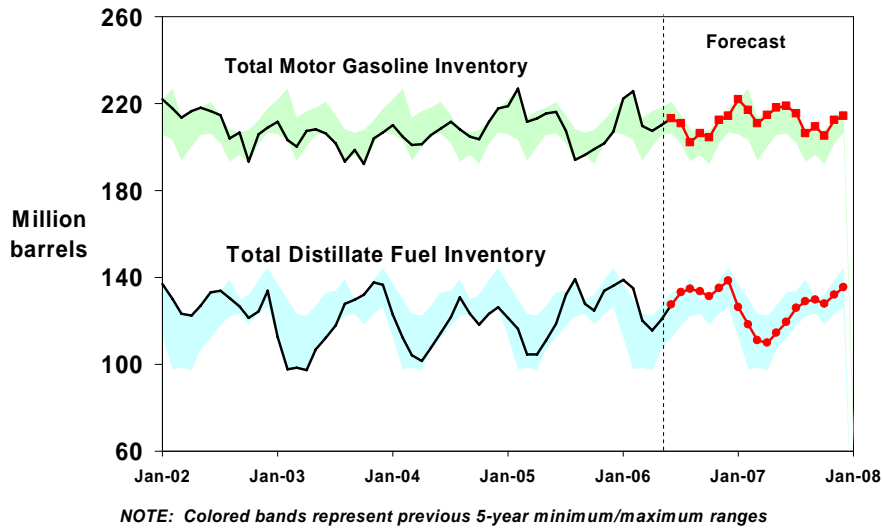


Note: Percent change refers to total petroleum product demand growth.

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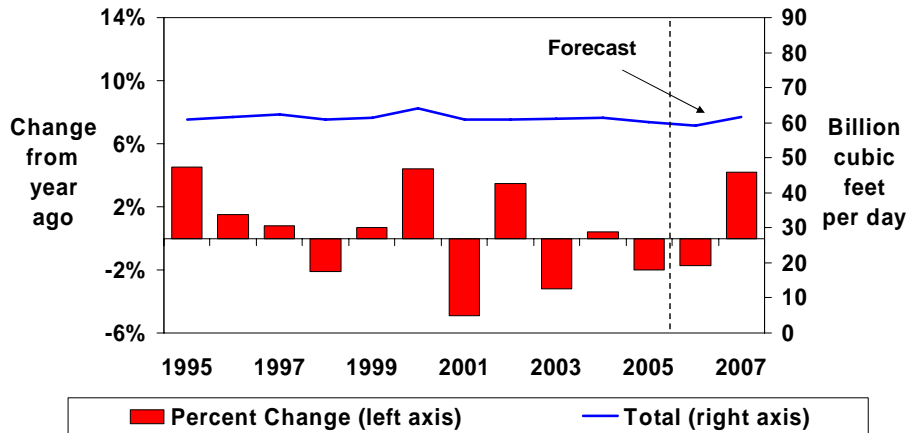
Figure 9. Gasoline and Distillate Inventories



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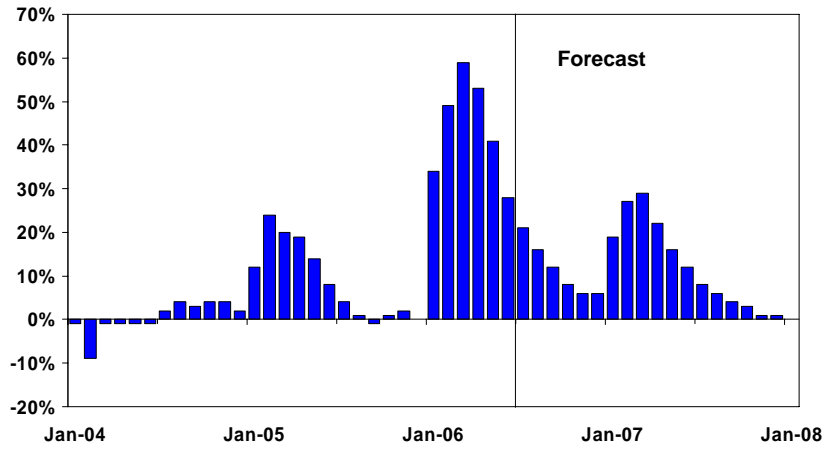
Figure 10. Total U.S. Natural Gas Consumption Growth



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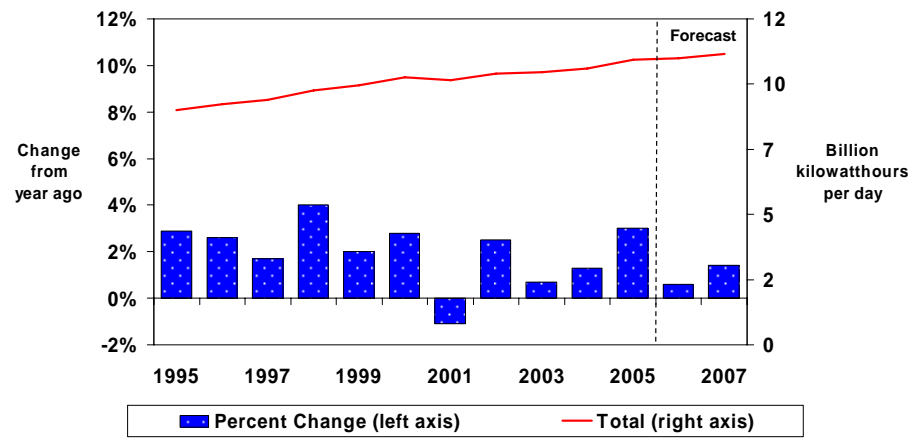
Figure 11. U.S. Working Natural Gas in Storage
(Percent Differences from Previous 5-Year Average)



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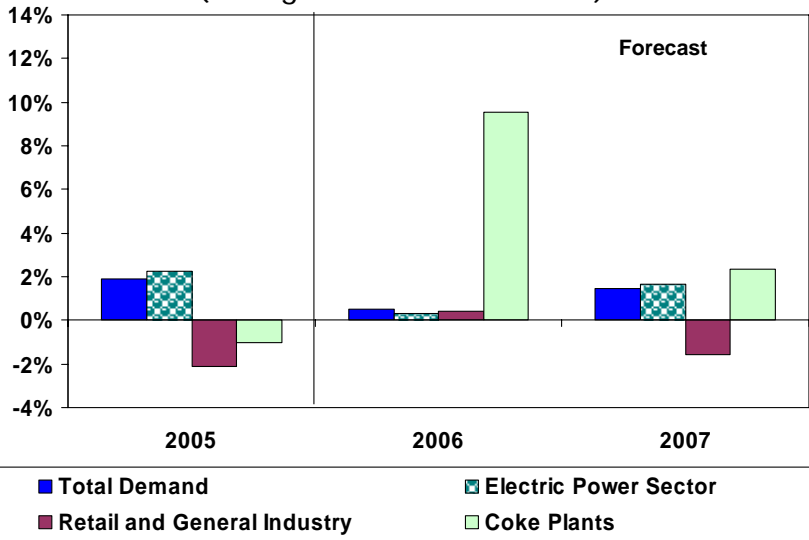
Figure 12. Total U.S. Electricity Consumption Growth



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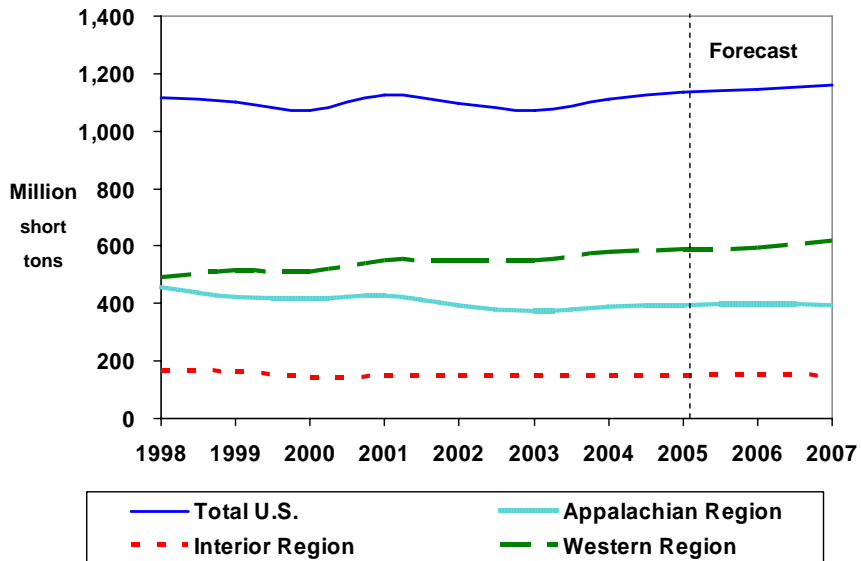
Figure 13. U.S. Coal Consumption Growth
(Change from Previous Year)



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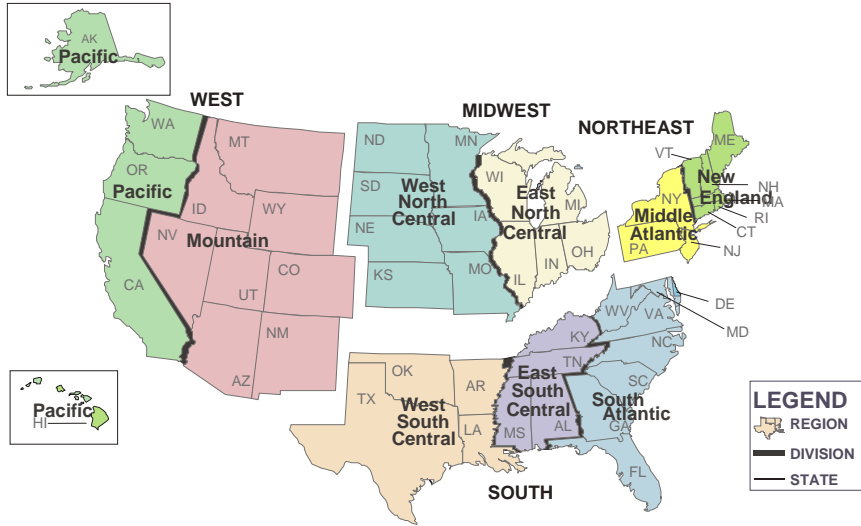
Figure 14. U.S. Coal Production



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Figure 15. U.S. Census Regions and Census Divisions



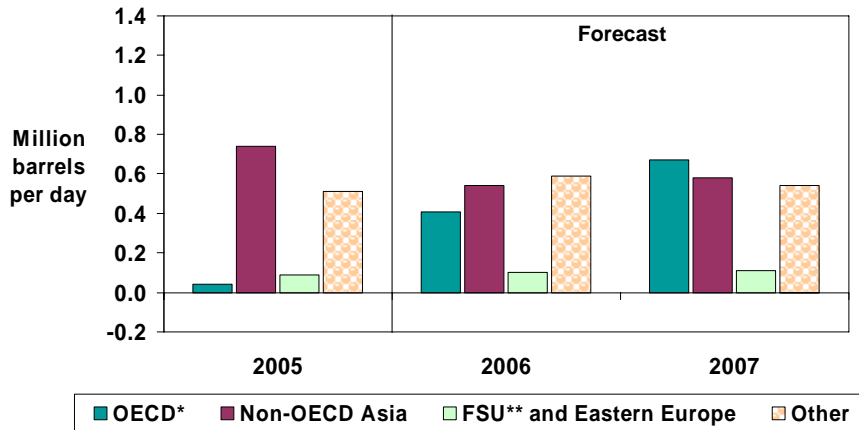
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Additional Charts



Figure 16. World Oil Consumption Growth 2005-2007
(Change from Previous Year)



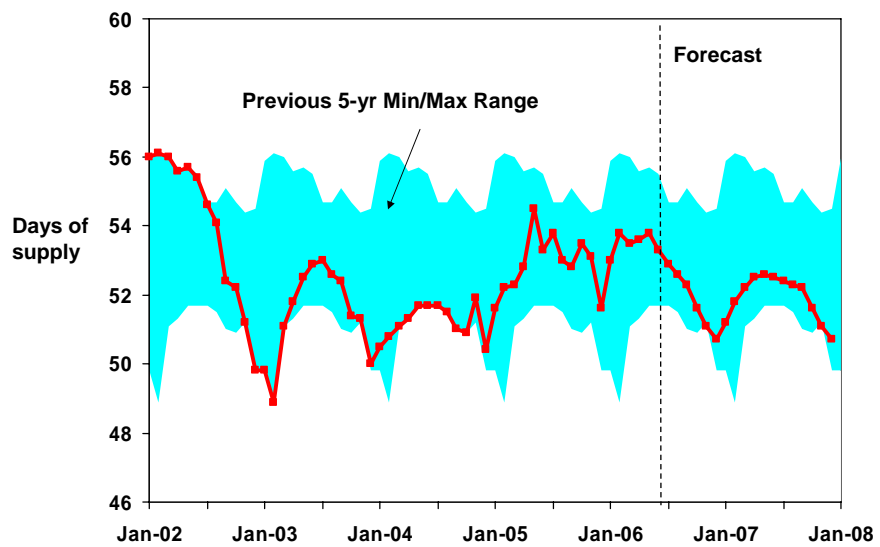
* Countries belonging to Organization for Economic Cooperation and Development

** Former Soviet Union

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Figure 17. Days of Supply of OECD Commercial Oil Stocks



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Figure 18. U.S. Crude Oil Stocks

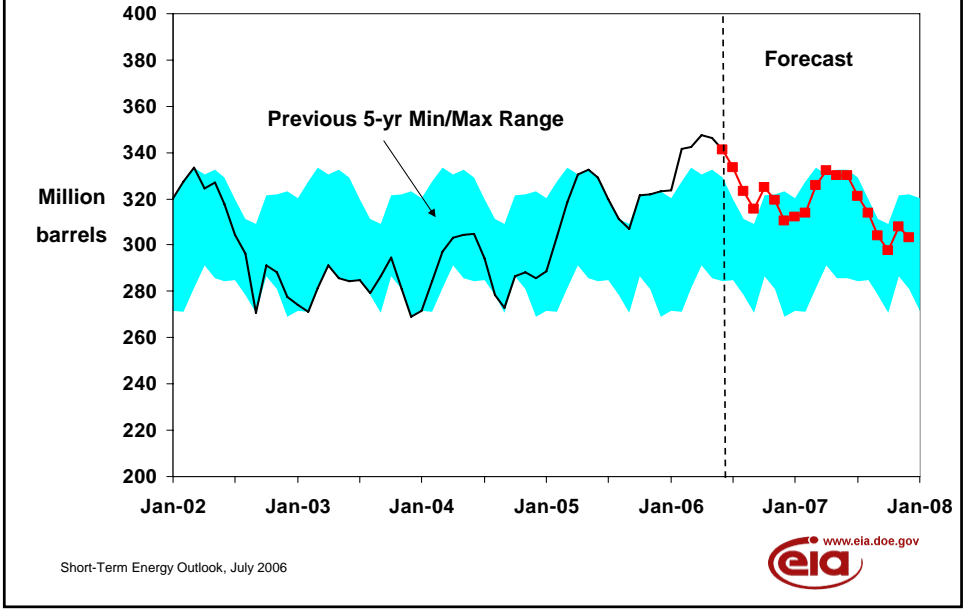


Figure 19. U.S. Crude Oil Production Trends

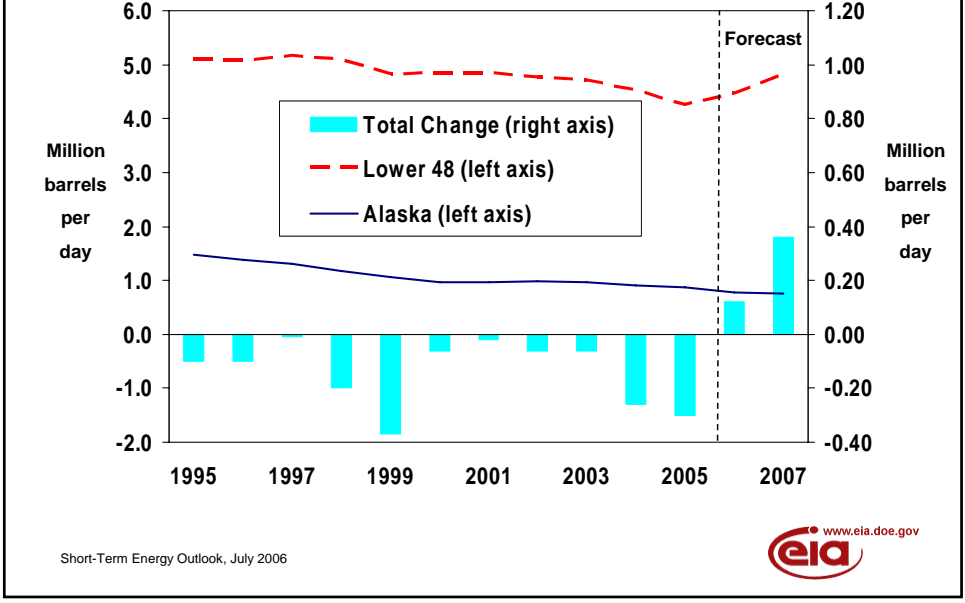
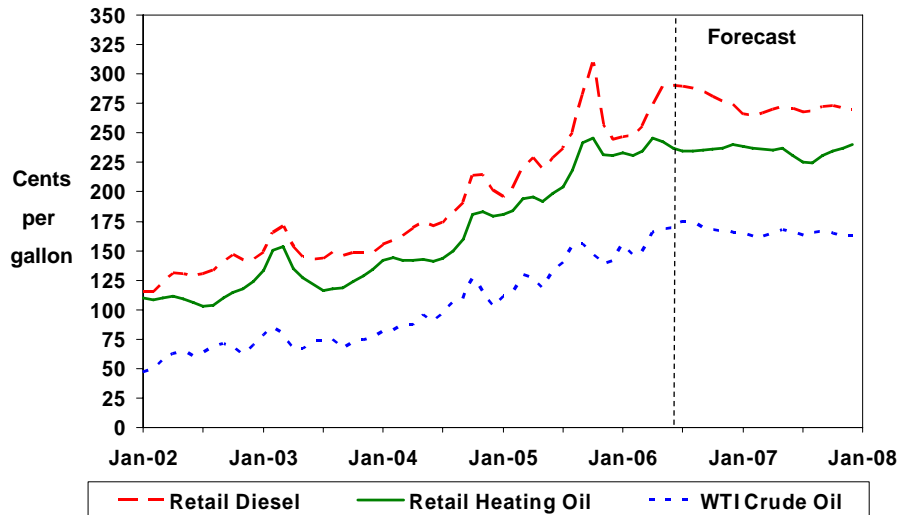


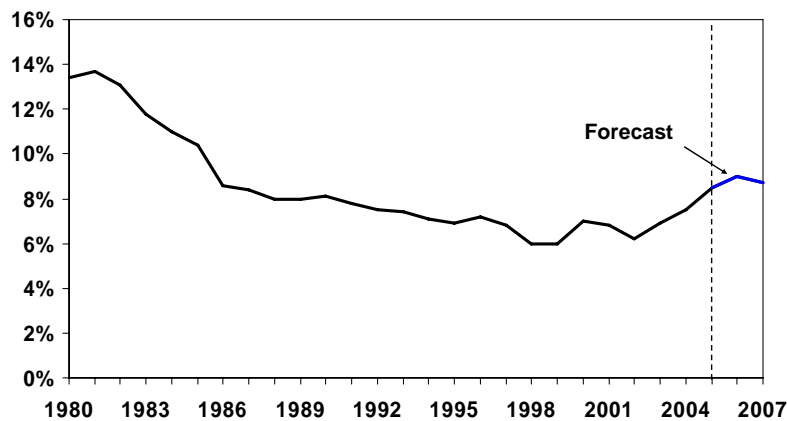
Figure 20. U.S. Distillate Fuel Prices



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Figure 21. U.S. Annual Energy Expenditures As Percent of GDP*



* Gross Domestic Product

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

	Year				Annual Percentage Change		
	2004	2005	2006	2007	2004-2005	2005-2006	2006-2007
Real Gross Domestic Product (GDP) (billion chained 2000 dollars)	10756	11135	<i>11515</i>	<i>11793</i>	3.5	<i>3.4</i>	<i>2.4</i>
Imported Crude Oil Price ^a (nominal dollars per barrel).....	35.99	48.96	<i>61.58</i>	<i>61.41</i>	36.0	<i>25.8</i>	<i>-0.3</i>
Crude Oil Production ^b (million barrels per day).....	5.42	5.12	<i>5.24</i>	<i>5.59</i>	-5.5	<i>2.3</i>	<i>6.8</i>
Total Petroleum Net Imports (million barrels per day) (including SPR).....	12.10	12.35	<i>12.22</i>	<i>12.20</i>	2.1	<i>-1.0</i>	<i>-0.2</i>
Energy Demand							
World Petroleum (million barrels per day)	82.6	84.0	<i>85.6</i>	<i>87.4</i>	1.7	<i>1.9</i>	<i>2.2</i>
Petroleum (million barrels per day)	20.73	20.66	<i>20.74</i>	<i>21.18</i>	-0.4	<i>0.4</i>	<i>2.1</i>
Natural Gas (trillion cubic feet)	22.43	21.93	<i>21.57</i>	<i>22.48</i>	-2.2	<i>-1.7</i>	<i>4.2</i>
Coal ^c (million short tons)	1107	1128	<i>1134</i>	<i>1151</i>	1.9	<i>0.5</i>	<i>1.5</i>
Electricity (billion kilowatthours)							
Retail Sales ^d	3548	3660	<i>3676</i>	<i>3723</i>	3.1	<i>0.5</i>	<i>1.3</i>
Other Use/Sales ^e	179	171	<i>175</i>	<i>182</i>	-4.7	<i>2.6</i>	<i>3.9</i>
Total	3727	3830	<i>3851</i>	<i>3904</i>	2.8	<i>0.6</i>	<i>1.4</i>
Total Energy Demand ^f (quadrillion Btu)	99.7	99.3	<i>99.4</i>	<i>101.8</i>	-0.4	<i>0.0</i>	<i>2.4</i>
Total Energy Demand per Dollar of GDP (thousand Btu per 2000 Dollar)	9.27	8.92	<i>8.63</i>	<i>8.63</i>	-3.8	<i>-3.3</i>	<i>0.0</i>
Renewable Energy as Percent of Total ^g	6.3%	6.3%	<i>6.5%</i>	<i>6.6%</i>			

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

^b Includes lease condensate.

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

^d Total 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 2004 are estimates.

^e Defined 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 2004 are estimates.

^f The 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)*.

^g Renewable 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 U.S. Economy, June 2006.

Table 1. U.S. Macroeconomic and Weather Assumptions: Base Case

	2005				2006				2007				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2005	2006	2007
Macroeconomic ^a															
Real Gross Domestic Product (billion chained 2000 dollars - SAAR)	10999	11089	11202	11248	11395	<i>11474</i>	<i>11559</i>	<i>11633</i>	<i>11692</i>	<i>11751</i>	<i>11829</i>	<i>11902</i>	11135	<i>11515</i>	<i>11793</i>
Percentage Change from Prior Year	3.6	3.6	3.6	3.2	3.6	<i>3.5</i>	<i>3.2</i>	<i>3.4</i>	<i>2.6</i>	<i>2.4</i>	<i>2.3</i>	<i>2.3</i>	3.5	<i>3.4</i>	<i>2.4</i>
Annualized Percent Change from Prior Quarter.....	3.8	3.3	4.1	1.7	5.3	<i>2.8</i>	<i>3.0</i>	<i>2.6</i>	<i>2.1</i>	<i>2.0</i>	<i>2.7</i>	<i>2.5</i>			
GDP Implicit Price Deflator (Index, 2000=100)	111.0	111.7	112.6	113.5	114.5	<i>115.2</i>	<i>115.7</i>	<i>116.5</i>	<i>117.3</i>	<i>117.7</i>	<i>118.1</i>	<i>118.7</i>	112.2	<i>115.5</i>	<i>118.0</i>
Percentage Change from Prior Year	2.8	2.5	2.9	3.1	3.2	<i>3.2</i>	<i>2.8</i>	<i>2.6</i>	<i>2.5</i>	<i>2.1</i>	<i>2.1</i>	<i>2.0</i>	2.8	<i>2.9</i>	<i>2.2</i>
Real Disposable Personal Income (billion chained 2000 Dollars - SAAR)	8098	8103	8074	8176	8219	<i>8273</i>	<i>8364</i>	<i>8422</i>	<i>8491</i>	<i>8576</i>	<i>8657</i>	<i>8729</i>	8113	<i>8319</i>	<i>8613</i>
Percentage Change from Prior Year	2.3	2.1	1.0	0.1	1.5	<i>2.1</i>	<i>3.6</i>	<i>3.0</i>	<i>3.3</i>	<i>3.7</i>	<i>3.5</i>	<i>3.6</i>	1.4	<i>2.5</i>	<i>3.5</i>
Manufacturing Production (Index, 2002=100.0)	108.7	109.0	109.7	112.2	113.8	<i>115.4</i>	<i>116.6</i>	<i>117.3</i>	<i>117.6</i>	<i>118.3</i>	<i>118.8</i>	<i>119.5</i>	109.9	<i>115.8</i>	<i>118.6</i>
Percentage Change from Prior Year	4.8	3.4	3.1	4.3	4.7	<i>5.9</i>	<i>6.2</i>	<i>4.5</i>	<i>3.3</i>	<i>2.5</i>	<i>1.9</i>	<i>1.9</i>	3.9	<i>5.3</i>	<i>2.4</i>
OECD Economic Growth (percent) ^b													1.2	<i>2.4</i>	<i>2.6</i>
Weather ^c															
Heating Degree-Days															
U.S.....	2183	516	48	1568	1956	<i>415</i>	<i>96</i>	<i>1616</i>	<i>2182</i>	<i>532</i>	<i>96</i>	<i>1622</i>	4315	<i>4083</i>	<i>4432</i>
New England	3363	939	67	2181	2910	<i>840</i>	<i>177</i>	<i>2256</i>	<i>3201</i>	<i>927</i>	<i>175</i>	<i>2257</i>	6550	<i>6183</i>	<i>6560</i>
Middle Atlantic	3056	728	33	1987	2572	<i>591</i>	<i>123</i>	<i>2055</i>	<i>2938</i>	<i>747</i>	<i>121</i>	<i>2049</i>	5804	<i>5341</i>	<i>5855</i>
U.S. Gas-Weighted.....	2353	561	52	1694	2123	<i>460</i>	<i>110</i>	<i>1707</i>	<i>2320</i>	<i>584</i>	<i>111</i>	<i>1737</i>	4660	<i>4401</i>	<i>4753</i>
Cooling Degree-Days (U.S.)	29	356	932	79	34	<i>423</i>	<i>780</i>	<i>78</i>	<i>37</i>	<i>346</i>	<i>779</i>	<i>76</i>	1395	<i>1315</i>	<i>1238</i>

^a Macroeconomic projections from Global Insight model forecasts are seasonally adjusted at annual rates and modified as appropriate to the base world oil price case.

^b OECD: Organization for Economic Cooperation and Development: Australia, Austria, Belgium, Canada, the Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Japan, Luxembourg, Mexico, the Netherlands, New Zealand, Norway, Poland, Portugal, South Korea, Spain, Sweden, Switzerland, Turkey, the United Kingdom, and the United States.

^c Population-weighted degree-days. A degree-day indicates the temperature variation from 65 degrees Fahrenheit (calculated as the simple average of the daily minimum and maximum temperatures) weighted by 2000 population.

SAAR: Seasonally-adjusted annualized rate.

Note: 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: U.S. Department of Commerce, Bureau of Economic Analysis; U.S. Department of Commerce, National Oceanic and Atmospheric Administration; Federal Reserve System, Statistical Release G.17. Projections of OECD growth are based on Global Insight, "World Economic Outlook," Volume 1. Macroeconomic projections are based on Global Insight Model of U.S. Economy, June 2006.

Table 1a. U.S. Regional^a Macroeconomic Data: Base Case

	2005				2006				2007				Year		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2005	2006	2007
Real Gross State Product (Billion \$2000)															
New England.....	629.8	634.8	641.0	643.1	651.4	655.3	659.6	663.2	665.9	668.7	672.6	676.4	637.2	657.4	670.9
Mid Atlantic.....	1683.3	1694.4	1708.6	1715.7	1736.4	1746.1	1757.1	1766.3	1773.0	1779.5	1789.2	1798.3	1700.5	1751.5	1785.0
E. N. Central.....	1634.2	1645.2	1658.6	1663.6	1682.1	1691.6	1701.9	1710.6	1717.6	1724.2	1733.8	1743.0	1650.4	1696.5	1729.6
W. N. Central.....	705.3	711.0	717.9	721.9	731.7	736.5	742.2	746.8	750.6	754.6	759.3	763.9	714.0	739.3	757.1
S. Atlantic.....	2023.2	2043.5	2067.9	2078.6	2105.8	2122.0	2139.9	2155.7	2169.0	2181.9	2198.2	2213.5	2053.3	2130.9	2190.6
E. S. Central.....	533.3	537.0	541.2	544.1	549.6	553.4	556.9	560.2	563.1	565.7	569.4	572.8	538.9	555.0	567.7
W. S. Central.....	1134.7	1144.6	1155.4	1150.1	1166.7	1176.4	1186.7	1195.6	1202.5	1209.0	1217.4	1225.2	1146.2	1181.3	1213.5
Mountain.....	704.8	713.7	724.2	732.3	743.8	750.1	757.3	763.6	769.4	775.2	782.2	788.7	718.7	753.7	778.9
Pacific.....	1932.2	1949.9	1975.4	1986.8	2014.9	2029.7	2045.2	2058.0	2068.6	2079.1	2093.6	2107.3	1961.1	2037.0	2087.2
Industrial Output, Manufacturing (Index, Year 1997=100)															
New England.....	106.3	106.4	107.5	109.7	111.1	112.3	112.9	113.1	113.1	113.5	113.9	114.4	107.5	112.3	113.7
Mid Atlantic.....	104.8	104.4	104.7	106.3	107.7	109.1	110.2	110.8	111.1	111.6	112.1	112.6	105.0	109.4	111.8
E. N. Central.....	108.2	108.2	108.7	111.4	113.1	114.8	115.9	116.8	117.2	117.9	118.5	119.1	109.1	115.1	118.2
W. N. Central.....	112.9	113.9	114.8	118.3	119.9	121.7	123.4	124.5	125.0	125.9	126.6	127.4	115.0	122.4	126.2
S. Atlantic.....	107.1	107.5	108.5	110.5	112.0	113.4	114.5	115.2	115.4	115.9	116.3	116.8	108.4	113.8	116.1
E. S. Central.....	111.1	112.0	112.3	114.9	116.7	118.4	119.7	120.8	121.2	122.0	122.5	123.2	112.6	118.9	122.2
W. S. Central.....	108.6	109.1	109.9	111.8	113.5	115.1	116.4	117.2	117.5	118.2	118.7	119.5	109.8	115.5	118.5
Mountain.....	112.8	113.5	114.4	117.1	118.6	120.2	121.5	122.3	122.5	123.2	123.8	124.6	114.4	120.7	123.5
Pacific.....	109.7	110.1	111.0	114.2	116.0	117.5	118.5	119.0	119.3	120.0	120.6	121.4	111.2	117.7	120.3
Real Personal Income (Billion \$2000)															
New England.....	538.8	538.7	538.8	543.4	546.9	550.3	555.2	559.0	563.8	569.2	573.3	577.3	539.9	552.8	570.9
Mid Atlantic.....	1426.3	1424.4	1424.8	1438.1	1446.4	1456.2	1470.1	1481.0	1494.9	1508.9	1520.3	1531.4	1428.4	1463.4	1513.9
E. N. Central.....	1387.6	1388.7	1389.3	1401.0	1411.7	1421.7	1434.8	1444.7	1458.0	1470.9	1480.9	1490.7	1391.6	1428.2	1475.1
W. N. Central.....	597.5	593.6	595.0	602.9	607.2	611.1	616.6	620.9	626.3	631.9	636.3	640.5	597.3	614.0	633.8
S. Atlantic.....	1688.5	1696.7	1701.8	1720.0	1734.6	1749.2	1771.0	1789.0	1809.9	1830.4	1847.5	1864.4	1701.7	1761.0	1838.1
E. S. Central.....	457.4	461.2	460.4	463.5	469.5	473.7	477.1	480.0	483.4	487.0	489.6	492.2	460.6	475.1	488.1
W. S. Central.....	935.2	941.5	913.3	935.1	959.0	965.9	974.8	982.2	992.1	1002.9	1012.1	1021.0	931.3	970.5	1007.0
Mountain.....	577.6	582.5	584.5	591.6	598.0	603.7	610.8	616.5	623.7	631.1	637.2	643.1	584.1	607.3	633.8
Pacific.....	1556.2	1563.8	1566.1	1583.4	1595.7	1607.7	1625.1	1638.4	1655.2	1672.3	1686.0	1699.4	1567.4	1616.7	1678.2
Households (Millions)															
New England.....	5.6	5.6	5.6	5.6	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.6	5.7	5.7
Mid Atlantic.....	15.3	15.4	15.4	15.4	15.4	15.4	15.5	15.5	15.5	15.5	15.5	15.6	15.4	15.5	15.6
E. N. Central.....	17.8	17.8	17.9	17.9	18.0	18.0	18.0	18.1	18.1	18.1	18.2	18.2	17.9	18.1	18.2
W. N. Central.....	7.8	7.8	7.8	7.9	7.9	7.9	7.9	7.9	7.9	7.9	8.0	8.0	7.9	7.9	8.0
S. Atlantic.....	21.6	21.7	21.8	21.9	22.0	22.1	22.2	22.3	22.4	22.5	22.6	22.7	21.9	22.3	22.7
E. S. Central.....	6.9	6.9	7.0	7.0	7.1	7.1	7.1	7.1	7.1	7.2	7.2	7.2	7.0	7.1	7.2
W. S. Central.....	12.3	12.3	12.4	12.4	12.5	12.5	12.6	12.6	12.7	12.7	12.8	12.8	12.4	12.6	12.8
Mountain.....	7.4	7.4	7.5	7.5	7.6	7.6	7.6	7.7	7.7	7.8	7.8	7.8	7.5	7.7	7.8
Pacific.....	16.9	16.9	17.0	17.0	17.1	17.1	17.2	17.2	17.3	17.3	17.4	17.4	17.0	17.2	17.4
Total Non-farm Employment (Millions)															
New England.....	6.9	6.9	6.9	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.1	7.1	6.9	7.0	7.1
Mid Atlantic.....	18.2	18.3	18.3	18.4	18.4	18.5	18.5	18.6	18.6	18.6	18.7	18.7	18.3	18.5	18.7
E. N. Central.....	21.4	21.4	21.5	21.5	21.5	21.6	21.6	21.7	21.7	21.8	21.8	21.9	21.4	21.6	21.8
W. N. Central.....	9.8	9.9	10.0	10.0	10.0	10.0	10.1	10.1	10.1	10.1	10.2	10.2	9.9	10.1	10.2
S. Atlantic.....	25.3	25.4	25.5	25.7	25.8	25.9	26.0	26.1	26.2	26.3	26.4	26.5	25.5	26.0	26.4
E. S. Central.....	7.6	7.6	7.6	7.6	7.6	7.7	7.7	7.7	7.7	7.7	7.8	7.8	7.6	7.7	7.7
W. S. Central.....	14.1	14.2	14.2	14.1	14.2	14.3	14.4	14.4	14.5	14.6	14.7	14.7	14.1	14.3	14.6
Mountain.....	9.0	9.1	9.2	9.3	9.4	9.4	9.5	9.5	9.6	9.6	9.7	9.7	9.2	9.4	9.7
Pacific.....	19.9	20.0	20.2	20.3	20.3	20.4	20.5	20.5	20.6	20.7	20.7	20.8	20.1	20.4	20.7

^a Regions refer to U.S. Census Divisions. A complete list of states comprising each Census Division is provided in EIA's Energy Glossary (http://www.eia.doe.gov/glossary/glossary_main_page.htm) under the letter "C".

Sources: Historical data: latest data available from: U.S. Department of Commerce, Bureau of Economic Analysis; Federal Reserve System, Statistical Release G.17. Macroeconomic projections are based on Global Insight Model of the U.S. Economy and Regional Economic Information Service.

Table 2. U.S. Energy Indicators: Base Case

	2005				2006				2007				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2005	2006	2007
Macroeconomic ^a															
Real Fixed Investment (billion chained 2000 dollars-SAAR)	1842	1885	1922	1940	1984	<i>2007</i>	<i>2022</i>	<i>2032</i>	<i>2030</i>	<i>2026</i>	<i>2024</i>	<i>2030</i>	1897	<i>2011</i>	<i>2028</i>
Business Inventory Change (billion chained 2000 dollars-SAAR)	25.1	-8.4	-2.5	0.6	7.8	<i>11.6</i>	<i>13.0</i>	<i>12.6</i>	<i>9.4</i>	<i>3.3</i>	<i>2.4</i>	<i>1.9</i>	3.7	<i>11.3</i>	<i>4.3</i>
Producer Price Index (index, 1982=1.000)	1.519	1.540	1.588	1.649	1.627	<i>1.630</i>	<i>1.646</i>	<i>1.668</i>	<i>1.680</i>	<i>1.669</i>	<i>1.679</i>	<i>1.679</i>	1.574	<i>1.643</i>	<i>1.677</i>
Consumer Price Index (index, 1982- 1984=1.000).....	1.922	1.940	1.966	1.982	1.993	<i>2.011</i>	<i>2.017</i>	<i>2.030</i>	<i>2.044</i>	<i>2.050</i>	<i>2.060</i>	<i>2.072</i>	1.953	<i>2.013</i>	<i>2.056</i>
Petroleum Product Price Index (index, 1982=1.000)	1.360	1.545	1.833	1.866	1.719	<i>1.991</i>	<i>2.066</i>	<i>1.899</i>	<i>1.855</i>	<i>1.975</i>	<i>1.927</i>	<i>1.857</i>	1.651	<i>1.919</i>	<i>1.903</i>
Non-Farm Employment (millions).....	132.7	133.2	133.7	134.2	134.7	<i>135.2</i>	<i>135.7</i>	<i>136.2</i>	<i>136.6</i>	<i>137.0</i>	<i>137.4</i>	<i>137.8</i>	133.5	<i>135.5</i>	<i>137.2</i>
Commercial Employment (millions).....	87.2	87.6	88.1	88.4	88.8	<i>89.1</i>	<i>89.5</i>	<i>89.9</i>	<i>90.2</i>	<i>90.6</i>	<i>90.9</i>	<i>91.3</i>	87.8	<i>89.3</i>	<i>90.7</i>
Total Industrial Production (index, 2002=100.0)	107.2	107.6	108.0	109.4	110.8	<i>112.6</i>	<i>113.6</i>	<i>114.2</i>	<i>114.6</i>	<i>115.2</i>	<i>115.7</i>	<i>116.1</i>	108.1	<i>112.8</i>	<i>115.4</i>
Housing Stock (millions).....	119.6	120.0	120.1	120.5	120.9	<i>121.3</i>	<i>121.6</i>	<i>122.0</i>	<i>122.3</i>	<i>122.6</i>	<i>123.0</i>	<i>123.3</i>	120.5	<i>122.0</i>	<i>123.3</i>
Miscellaneous															
Gas Weighted Industrial Production (index, 2002=100.0)	103.8	102.0	98.5	98.0	102.1	<i>103.8</i>	<i>105.7</i>	<i>106.5</i>	<i>107.0</i>	<i>108.0</i>	<i>108.6</i>	<i>108.7</i>	100.6	<i>104.5</i>	<i>108.1</i>
Vehicle Miles Traveled ^b (million miles/day)	7682	8470	8354	7985	7790	<i>8450</i>	<i>8431</i>	<i>8025</i>	<i>7776</i>	<i>8534</i>	<i>8540</i>	<i>8200</i>	8124	<i>8175</i>	<i>8264</i>
Vehicle Fuel Efficiency (index, 1999=1.000)	1.016	1.072	1.056	1.027	1.026	<i>1.062</i>	<i>1.052</i>	<i>1.027</i>	<i>1.016</i>	<i>1.070</i>	<i>1.059</i>	<i>1.028</i>	1.043	<i>1.042</i>	<i>1.044</i>
Real Vehicle Fuel Cost (cents per mile)	5.00	5.27	6.15	5.88	5.75	<i>6.58</i>	<i>6.87</i>	<i>6.21</i>	<i>6.01</i>	<i>6.26</i>	<i>6.09</i>	<i>5.90</i>	5.59	<i>6.37</i>	<i>6.07</i>
Air Travel Capacity (mill. available ton- miles/day).....	536.1	560.0	559.4	539.3	520.3	<i>562.1</i>	<i>562.4</i>	<i>561.1</i>	<i>545.8</i>	<i>573.5</i>	<i>570.2</i>	<i>573.0</i>	548.7	<i>551.6</i>	<i>565.7</i>
Aircraft Utilization (mill. revenue ton- miles/day).....	309.0	334.7	338.3	319.5	309.0	<i>340.2</i>	<i>346.2</i>	<i>326.7</i>	<i>328.5</i>	<i>353.6</i>	<i>356.0</i>	<i>337.4</i>	325.5	<i>330.6</i>	<i>343.9</i>
Airline Ticket Price Index (index, 1982- 1984=1.000).....	2.218	2.402	2.449	2.396	2.393	<i>2.503</i>	<i>2.507</i>	<i>2.424</i>	<i>2.448</i>	<i>2.484</i>	<i>2.491</i>	<i>2.437</i>	2.366	<i>2.457</i>	<i>2.465</i>
Raw Steel Production (million tons).....	26.57	25.57	26.44	26.13	27.60	<i>28.18</i>	<i>28.21</i>	<i>27.37</i>	<i>27.97</i>	<i>27.89</i>	<i>27.63</i>	<i>26.75</i>	104.71	<i>111.36</i>	<i>110.24</i>

^a Macroeconomic projections from Global Insight model forecasts are seasonally adjusted at annual rates and modified as appropriate to the base world oil price case.

^b Includes all highway travel.

SAAR: Seasonally-adjusted annualized rate.

Note: 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: U.S. Department of Commerce, Bureau of Economic Analysis; U.S. Department of Commerce, National Oceanic and Atmospheric Administration; Federal Reserve System, Statistical Release G.17. Macroeconomic projections are based on Global Insight Model of U.S. Economy, June 2006.

Table 3. International Petroleum Supply and Demand: Base Case

(Million Barrels per Day, Except OECD Commercial Stocks)

	2005				2006				2007				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2005	2006	2007
Demand^a															
OECD															
U.S. (50 States)	20.6	20.5	20.8	20.7	20.4	<i>20.5</i>	<i>21.0</i>	<i>21.1</i>	<i>21.0</i>	<i>20.9</i>	<i>21.3</i>	<i>21.5</i>	20.7	<i>20.7</i>	<i>21.2</i>
U.S. Territories.....	0.4	0.4	0.3	0.4	0.3	<i>0.4</i>	<i>0.4</i>	<i>0.4</i>	<i>0.4</i>	<i>0.4</i>	<i>0.4</i>	<i>0.4</i>	0.4	<i>0.4</i>	<i>0.4</i>
Canada	2.3	2.2	2.2	2.2	2.2	<i>2.2</i>	<i>2.3</i>	<i>2.3</i>	<i>2.2</i>	<i>2.2</i>	<i>2.4</i>	<i>2.4</i>	2.3	<i>2.3</i>	<i>2.3</i>
Europe	15.7	15.3	15.7	15.8	15.9	<i>15.4</i>	<i>15.7</i>	<i>15.9</i>	<i>15.8</i>	<i>15.6</i>	<i>15.8</i>	<i>16.0</i>	15.6	<i>15.7</i>	<i>15.8</i>
Japan	6.0	5.0	5.1	5.5	6.0	<i>5.0</i>	<i>5.2</i>	<i>5.6</i>	<i>6.1</i>	<i>5.0</i>	<i>5.2</i>	<i>5.6</i>	5.4	<i>5.4</i>	<i>5.5</i>
Other OECD.....	5.5	5.2	5.1	5.4	5.4	<i>5.3</i>	<i>5.4</i>	<i>5.5</i>	<i>5.5</i>	<i>5.3</i>	<i>5.4</i>	<i>5.6</i>	5.3	<i>5.4</i>	<i>5.5</i>
Total OECD.....	50.5	48.6	49.2	50.0	50.2	<i>48.8</i>	<i>49.9</i>	<i>50.8</i>	<i>51.0</i>	<i>49.4</i>	<i>50.5</i>	<i>51.5</i>	49.6	<i>49.9</i>	<i>50.6</i>
Non-OECD															
Former Soviet Union.....	4.3	3.8	4.0	4.6	4.4	<i>3.9</i>	<i>4.1</i>	<i>4.7</i>	<i>4.5</i>	<i>4.0</i>	<i>4.2</i>	<i>4.8</i>	4.2	<i>4.3</i>	<i>4.4</i>
Europe	0.7	0.7	0.6	0.7	0.7	<i>0.7</i>	<i>0.6</i>	<i>0.7</i>	<i>0.8</i>	<i>0.7</i>	<i>0.6</i>	<i>0.7</i>	0.7	<i>0.7</i>	<i>0.7</i>
China.....	6.6	6.9	6.9	7.1	7.2	<i>7.3</i>	<i>7.4</i>	<i>7.6</i>	<i>7.6</i>	<i>7.8</i>	<i>7.9</i>	<i>8.1</i>	6.9	<i>7.4</i>	<i>7.9</i>
Other Asia.....	8.3	8.7	8.4	9.1	8.4	<i>8.8</i>	<i>8.5</i>	<i>9.1</i>	<i>8.5</i>	<i>8.8</i>	<i>8.6</i>	<i>9.2</i>	8.6	<i>8.7</i>	<i>8.8</i>
Other Non-OECD.....	13.8	13.9	14.1	14.1	14.4	<i>14.5</i>	<i>14.7</i>	<i>14.7</i>	<i>15.0</i>	<i>15.0</i>	<i>15.3</i>	<i>15.3</i>	14.0	<i>14.6</i>	<i>15.1</i>
Total Non-OECD.....	33.8	34.0	34.2	35.6	35.1	<i>35.2</i>	<i>35.4</i>	<i>36.8</i>	<i>36.3</i>	<i>36.4</i>	<i>36.6</i>	<i>38.1</i>	34.4	<i>35.6</i>	<i>36.9</i>
Total World Demand.....	84.3	82.6	83.3	85.6	85.3	<i>84.0</i>	<i>85.4</i>	<i>87.6</i>	<i>87.3</i>	<i>85.8</i>	<i>87.1</i>	<i>89.6</i>	84.0	<i>85.6</i>	<i>87.4</i>
Supply^b															
OECD															
U.S. (50 States)	8.7	8.8	7.9	7.6	8.2	<i>8.3</i>	<i>8.5</i>	<i>8.8</i>	<i>8.8</i>	<i>8.8</i>	<i>8.8</i>	<i>8.9</i>	8.2	<i>8.4</i>	<i>8.9</i>
Canada	3.0	3.1	3.0	3.3	3.2	<i>3.2</i>	<i>3.3</i>	<i>3.3</i>	<i>3.6</i>	<i>3.5</i>	<i>3.5</i>	<i>3.6</i>	3.1	<i>3.2</i>	<i>3.6</i>
Mexico.....	3.8	3.9	3.7	3.7	3.8	<i>3.8</i>	<i>3.9</i>	<i>3.8</i>	<i>3.7</i>	<i>3.8</i>	<i>3.8</i>	<i>3.7</i>	3.8	<i>3.8</i>	<i>3.7</i>
North Sea ^c	5.5	5.2	5.0	5.0	5.1	<i>4.8</i>	<i>4.6</i>	<i>4.8</i>	<i>4.9</i>	<i>4.6</i>	<i>4.4</i>	<i>4.6</i>	5.2	<i>4.8</i>	<i>4.6</i>
Other OECD.....	1.5	1.6	1.5	1.5	1.4	<i>1.6</i>	<i>1.6</i>	<i>1.6</i>	<i>1.6</i>	<i>1.6</i>	<i>1.6</i>	<i>1.6</i>	1.5	<i>1.6</i>	<i>1.6</i>
Total OECD.....	22.4	22.5	21.2	21.1	21.8	<i>21.7</i>	<i>21.8</i>	<i>22.3</i>	<i>22.6</i>	<i>22.3</i>	<i>22.2</i>	<i>22.5</i>	21.8	<i>21.9</i>	<i>22.4</i>
Non-OECD															
OPEC.....	33.8	34.2	34.5	34.2	33.9	<i>33.7</i>	<i>34.3</i>	<i>34.7</i>	<i>34.9</i>	<i>35.0</i>	<i>35.4</i>	<i>35.5</i>	34.2	<i>34.2</i>	<i>35.2</i>
Crude Oil Portion	29.6	30.0	30.3	30.0	29.7	<i>29.4</i>	<i>29.8</i>	<i>30.2</i>	<i>30.3</i>	<i>30.4</i>	<i>30.8</i>	<i>30.8</i>	30.0	<i>29.8</i>	<i>30.6</i>
Former Soviet Union.....	11.5	11.6	11.7	12.1	12.0	<i>12.0</i>	<i>12.1</i>	<i>12.3</i>	<i>12.4</i>	<i>12.4</i>	<i>12.6</i>	<i>12.7</i>	11.7	<i>12.1</i>	<i>12.5</i>
China.....	3.7	3.8	3.8	3.7	3.8	<i>3.7</i>	<i>3.7</i>	<i>3.7</i>	<i>3.7</i>	<i>3.7</i>	<i>3.7</i>	<i>3.7</i>	3.8	<i>3.8</i>	<i>3.7</i>
Other Non-OECD.....	12.6	12.8	13.0	13.2	13.2	<i>13.1</i>	<i>13.3</i>	<i>13.4</i>	<i>13.6</i>	<i>13.6</i>	<i>13.9</i>	<i>14.0</i>	12.9	<i>13.3</i>	<i>13.8</i>
Total Non-OECD.....	61.7	62.3	63.0	63.2	63.0	<i>62.5</i>	<i>63.5</i>	<i>64.1</i>	<i>64.6</i>	<i>64.8</i>	<i>65.6</i>	<i>65.9</i>	62.6	<i>63.3</i>	<i>65.2</i>
Total World Supply.....	84.1	84.9	84.2	84.4	84.7	<i>84.2</i>	<i>85.3</i>	<i>86.4</i>	<i>87.2</i>	<i>87.1</i>	<i>87.8</i>	<i>88.4</i>	84.4	<i>85.2</i>	<i>87.6</i>
Stock Changes^d (Incl. Strategic) and Balance															
U.S. (50 States) Stk. Chg.....	-0.1	-0.9	0.4	0.1	0.0	<i>-0.5</i>	<i>0.1</i>	<i>0.3</i>	<i>0.3</i>	<i>-0.6</i>	<i>0.1</i>	<i>0.3</i>	-0.1	<i>0.0</i>	<i>0.0</i>
Other OECD Stock Chg.	0.0	-0.3	-0.6	0.5	-0.3	<i>-0.2</i>	<i>-0.1</i>	<i>0.4</i>	<i>-0.3</i>	<i>-0.2</i>	<i>-0.5</i>	<i>0.4</i>	-0.1	<i>0.0</i>	<i>-0.1</i>
Other Stk. Chgs. and Bal.	0.3	-1.1	-0.6	0.6	0.8	<i>0.4</i>	<i>0.0</i>	<i>0.5</i>	<i>0.0</i>	<i>-0.6</i>	<i>-0.3</i>	<i>0.5</i>	-0.2	<i>0.4</i>	<i>-0.1</i>
Total	0.2	-2.3	-0.8	1.2	0.6	<i>-0.2</i>	<i>0.0</i>	<i>1.2</i>	<i>0.1</i>	<i>-1.4</i>	<i>-0.7</i>	<i>1.2</i>	-0.4	<i>0.4</i>	<i>-0.2</i>
OECD Comm. Stks., End.....	2.54	2.62	2.64	2.59	2.61	<i>2.66</i>	<i>2.66</i>	<i>2.59</i>	<i>2.58</i>	<i>2.65</i>	<i>2.69</i>	<i>2.62</i>	2.59	<i>2.59</i>	<i>2.62</i>
Non-OPEC Supply	50.3	50.7	49.7	50.1	50.8	<i>50.5</i>	<i>51.0</i>	<i>51.7</i>	<i>52.4</i>	<i>52.1</i>	<i>52.4</i>	<i>52.9</i>	50.2	<i>51.0</i>	<i>52.4</i>

^a Demand for petroleum by the OECD countries is synonymous with "petroleum product supplied," which is defined in the glossary of the EIA *Petroleum Supply Monthly*, DOE/EIA-0109. Demand for petroleum by the non-OECD countries is "apparent consumption," which includes internal consumption, refinery fuel and loss, and bunkering.

^b Includes production of crude oil (including lease condensates), natural gas plant liquids, other hydrogen and hydrocarbons for refinery feedstocks, refinery gains, alcohol, and liquids produced from coal and other sources.

^c Includes offshore supply from Denmark, Germany, the Netherlands, Norway, and the United Kingdom.

^d Stock draw shown as positive number; Stock build shown as negative.

OECD: Organization for Economic Cooperation and Development: Australia, Austria, Belgium, Canada, the Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Japan, Luxembourg, Mexico, the Netherlands, New Zealand, Norway, Poland, Portugal, Slovakia, South Korea, Spain, Sweden, Switzerland, Turkey, the United Kingdom, and the United States.

OPEC: Organization of Petroleum Exporting Countries: Algeria, Indonesia, Iran, Iraq, Kuwait, Libya, Nigeria, Qatar, Saudi Arabia, the United Arab Emirates, and Venezuela.

SPR: Strategic Petroleum Reserve

Former Soviet Union: Armenia, Azerbaijan, Belarus, Estonia, Georgia, Kazakhstan, Kyrgyzstan, Latvia, Lithuania, Moldova, Russia, Tajikistan, Turkmenistan, Ukraine and Uzbekistan.

Notes: Minor discrepancies with other published EIA historical data are due to 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: EIA: latest data available from EIA databases supporting the *International Petroleum Monthly*; International Energy Agency, Monthly Oil Data Service, Latest monthly release.

Table 3a. OPEC Oil Production
(Thousand Barrels Per Day)

	07/01/2005	May 2006	June 2006		
	OPEC 10 Quota	Production	Production	Capacity	Surplus Capacity
Algeria	894	1,340	1,340	1,340	0
Indonesia	1,451	900	900	900	0
Iran	4,110	3,800	3,800	3,800	0
Kuwait	2,247	2,525	2,525	2,525	0
Libya	1,500	1,690	1,690	1,690	0
Nigeria.....	2,306	2,150	2,150	2,150	0
Qatar	726	800	800	800	0
Saudi Arabia	9,099	9,200	9,200	10,500 - 11,000	1,300 - 1,800
United Arab Emirates.....	2,444	2,500	2,500	2,500	0
Venezuela	3,223	2,500	2,500	2,500	0
OPEC 10.....	28,000	27,405	27,405	28,705 - 29,205	1,300 - 1,800
Iraq.....		1,900	2,200	2,200	0
Crude Oil Total.....		29,305	29,605	30,905 - 31,405	1,300 - 1,800
Other Liquids.....		4,038	4,143		
Total OPEC Supply.....		33,343	33,748		

Notes: Crude oil does not include lease condensate or natural gas liquids. OPEC Quotas are based on crude oil production only. "Capacity" refers to maximum sustainable production capacity, defined as the maximum amount of production that: 1) could be brought online within a period of 30 days; and 2) sustained for at least 90 days. Kuwaiti and Saudi Arabian figures each include half of the production from the Neutral Zone between the two countries. Saudi Arabian production also includes oil produced from its offshore Abu Safa field produced on behalf of Bahrain. The amount of Saudi Arabian spare capacity that can be brought online is shown as a range, because a short delay June be needed to achieve the higher level. The United Arab Emirates (UAE) is a federation of seven emirates. The UAE 's OPEC quota applies only to the emirate of Abu Dhabi, which controls the vast majority of the UAE's economic and resource wealth. Venezuelan capacity and production numbers exclude extra heavy crude oil used to make Orimulsion. OPEC: Organization of Petroleum Exporting Countries: Algeria, Indonesia, Iran, Iraq, Kuwait, Libya, Nigeria, Qatar, Saudi Arabia, the United Arab Emirates, and Venezuela. OPEC 10 refers to all OPEC less Iraq. Iraqi production and exports have not been a part of any recent OPEC agreements. Iraq's current production number in this table is net of re-injection and water cut. Latest estimated gross production is about 2 million barrels per day. Other liquids include lease condensate, natural gas liquids, and other liquids including volume gains from refinery processing.

Table 4. U.S. Energy Prices: Base Case
(Nominal Dollars)

	2005				2006				2007				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2005	2006	2007
Crude Oil Prices (\$/barrel)															
Imported Average ^a	41.06	45.91	56.69	52.01	54.72	<i>63.19</i>	<i>65.87</i>	<i>62.18</i>	<i>60.18</i>	<i>62.52</i>	<i>62.32</i>	<i>60.51</i>	48.96	<i>61.58</i>	<i>61.41</i>
WTI ^b Spot Average	49.73	53.05	63.19	60.00	63.27	<i>70.41</i>	<i>72.83</i>	<i>70.00</i>	<i>68.33</i>	<i>69.67</i>	<i>69.33</i>	<i>68.33</i>	56.49	<i>69.13</i>	<i>68.92</i>
Natural Gas (\$/mcf)															
Average Wellhead.....	5.70	6.20	7.89	10.17	7.50	<i>6.19</i>	<i>6.17</i>	<i>8.07</i>	<i>8.10</i>	<i>6.41</i>	<i>6.87</i>	<i>8.30</i>	7.45	<i>6.98</i>	<i>7.42</i>
Henry Hub Spot	6.62	7.14	9.23	12.64	7.95	<i>6.74</i>	<i>6.92</i>	<i>8.83</i>	<i>8.79</i>	<i>7.01</i>	<i>7.55</i>	<i>9.17</i>	8.86	<i>7.61</i>	<i>8.13</i>
Petroleum Products (\$/gallon)															
Gasoline Retail ^c															
All Grades	1.98	2.23	2.59	2.43	2.39	<i>2.89</i>	<i>2.96</i>	<i>2.63</i>	<i>2.53</i>	<i>2.79</i>	<i>2.70</i>	<i>2.55</i>	2.31	<i>2.72</i>	<i>2.65</i>
Regular	1.94	2.19	2.56	2.39	2.34	<i>2.84</i>	<i>2.92</i>	<i>2.59</i>	<i>2.49</i>	<i>2.75</i>	<i>2.65</i>	<i>2.51</i>	2.27	<i>2.67</i>	<i>2.60</i>
Distillate Fuel															
Retail Diesel.....	2.07	2.26	2.56	2.71	2.50	<i>2.84</i>	<i>2.87</i>	<i>2.77</i>	<i>2.65</i>	<i>2.71</i>	<i>2.69</i>	<i>2.71</i>	2.41	<i>2.75</i>	<i>2.69</i>
W/sle. Htg. Oil	1.39	1.53	1.80	1.82	1.75	<i>1.98</i>	<i>2.00</i>	<i>1.95</i>	<i>1.89</i>	<i>1.90</i>	<i>1.90</i>	<i>1.92</i>	1.63	<i>1.90</i>	<i>1.90</i>
Retail Heating Oil	1.85	1.95	2.24	2.34	2.33	<i>2.43</i>	<i>2.35</i>	<i>2.38</i>	<i>2.37</i>	<i>2.35</i>	<i>2.27</i>	<i>2.38</i>	2.04	<i>2.36</i>	<i>2.36</i>
No. 6 Residual Fuel ^d	0.82	1.00	1.14	1.23	1.25	<i>1.27</i>	<i>1.28</i>	<i>1.29</i>	<i>1.29</i>	<i>1.28</i>	<i>1.28</i>	<i>1.30</i>	1.06	<i>1.27</i>	<i>1.29</i>
Electric Power Sector (\$/mmBtu)															
Coal.....	1.48	1.54	1.55	1.57	1.67	<i>1.65</i>	<i>1.64</i>	<i>1.63</i>	<i>1.66</i>	<i>1.67</i>	<i>1.66</i>	<i>1.66</i>	1.54	<i>1.65</i>	<i>1.66</i>
Heavy Fuel Oil ^e	5.38	6.56	7.59	8.33	7.95	<i>8.35</i>	<i>8.81</i>	<i>8.66</i>	<i>8.41</i>	<i>8.41</i>	<i>8.48</i>	<i>8.51</i>	7.11	<i>8.53</i>	<i>8.45</i>
Natural Gas.....	6.42	6.85	8.58	10.78	7.89	<i>6.85</i>	<i>6.65</i>	<i>8.63</i>	<i>8.72</i>	<i>6.92</i>	<i>7.33</i>	<i>8.86</i>	8.21	<i>7.35</i>	<i>7.82</i>
Other Residential															
Natural Gas (\$/mcf).....	10.98	12.61	15.73	15.32	14.04	<i>13.19</i>	<i>14.32</i>	<i>13.52</i>	<i>13.03</i>	<i>12.32</i>	<i>14.96</i>	<i>13.57</i>	12.82	<i>13.77</i>	<i>13.21</i>
Electricity (c/Kwh)	8.69	9.54	9.86	9.55	9.73	<i>10.27</i>	<i>10.64</i>	<i>9.91</i>	<i>10.10</i>	<i>10.61</i>	<i>10.87</i>	<i>10.20</i>	9.43	<i>10.16</i>	<i>10.46</i>

^a Refiner acquisition cost (RAC) of imported crude oil.

^b West Texas Intermediate.

^c Average self-service cash prices.

^d Average for all sulfur contents.

^e Includes fuel oils No. 4, No. 5, and No. 6 and topped crude fuel oil prices.

Notes: Prices exclude taxes, except prices for gasoline, residential natural gas, and diesel. Minor discrepancies with other published EIA historical data are due to 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. Mcf= thousand cubic feet. mmBtu=Million Btu.

Sources: Historical data: EIA: latest data available from EIA databases supporting the following reports: *Petroleum Marketing Monthly*, DOE/EIA-0380; *Natural Gas Monthly*, DOE/EIA-0130; *Monthly Energy Review*, DOE/EIA-0035; *Electric Power Monthly*, DOE/EIA-0226.

Table 5a. U.S. Petroleum Supply and Demand: Base Case

(Million Barrels per Day, Except Closing Stocks)

	2005				2006				2007				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2005	2006	2007
Supply															
Crude Oil Supply															
Domestic Production ^a	5.45	5.47	4.92	4.65	5.04	5.09	5.29	5.53	5.63	5.60	5.55	5.60	5.12	5.24	5.59
Alaska	0.92	0.87	0.81	0.86	0.80	0.78	0.68	0.82	0.85	0.79	0.70	0.72	0.86	0.77	0.76
Federal GOM ^b	1.51	1.56	1.10	0.85	1.24	1.29	1.52	1.60	1.70	1.77	1.80	1.82	1.26	1.41	1.77
Other Lower 48	3.02	3.03	3.01	2.94	3.00	3.02	3.09	3.11	3.08	3.05	3.05	3.06	3.00	3.05	3.06
Net Commercial Imports ^c	10.01	10.34	9.86	9.84	9.79	10.26	10.18	9.88	9.69	10.37	10.16	10.09	10.01	10.03	10.08
Net SPR Withdrawals	-0.13	-0.09	0.04	0.10	-0.03	-0.03	0.00	-0.04	-0.05	0.00	0.00	0.00	-0.02	-0.02	-0.01
Net Commercial Withdrawals	-0.37	-0.11	0.24	-0.18	-0.21	0.01	0.28	0.05	-0.17	0.05	0.26	0.01	-0.10	0.03	0.04
Product Supplied and Losses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Unaccounted-for Crude Oil	0.19	0.32	0.13	0.15	0.07	0.11	0.10	0.05	0.10	0.13	0.09	0.03	0.19	0.08	0.09
Total Crude Oil Supply	15.15	15.93	15.18	14.56	14.66	15.44	15.85	15.47	15.20	16.16	16.05	15.73	15.20	15.36	15.79
Other Supply															
NGL Production	1.84	1.82	1.65	1.53	1.68	1.74	1.76	1.80	1.77	1.76	1.79	1.82	1.71	1.74	1.78
Other Inputs ^d	0.43	0.45	0.44	0.43	0.47	0.46	0.45	0.43	0.45	0.46	0.47	0.46	0.44	0.45	0.46
Crude Oil Product Supplied	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Processing Gain	0.99	1.06	0.93	0.95	0.99	0.98	0.99	1.02	0.99	1.01	1.01	1.05	0.98	1.00	1.02
Net Product Imports ^e	1.85	1.95	2.49	3.05	2.29	2.38	2.07	2.04	2.08	2.17	2.17	2.09	2.34	2.20	2.13
Product Stock Withdrawn	0.37	-0.69	0.09	0.18	0.28	-0.44	-0.15	0.29	0.53	-0.61	-0.18	0.31	-0.01	-0.01	0.01
Total Supply	20.64	20.51	20.77	20.70	20.37	20.56	20.96	21.06	21.01	20.95	21.31	21.46	20.66	20.74	21.18
Demand															
Motor Gasoline	8.86	9.26	9.27	9.11	8.90	9.32	9.39	9.15	8.97	9.35	9.45	9.35	9.13	9.19	9.28
Jet Fuel	1.60	1.61	1.65	1.65	1.55	1.67	1.71	1.72	1.64	1.69	1.73	1.73	1.63	1.66	1.70
Distillate Fuel Oil	4.25	4.06	3.98	4.15	4.32	4.08	4.12	4.27	4.47	4.23	4.19	4.36	4.11	4.20	4.31
Residual Fuel Oil	0.90	0.79	0.98	0.98	0.82	0.72	0.68	0.81	0.87	0.76	0.76	0.85	0.91	0.76	0.81
Other Oils ^f	5.03	4.80	4.88	4.81	4.79	4.75	5.08	5.09	5.06	4.92	5.17	5.17	4.88	4.93	5.08
Total Demand	20.63	20.51	20.77	20.70	20.38	20.55	20.97	21.05	21.01	20.95	21.31	21.45	20.66	20.74	21.18
Total Petroleum Net Imports	11.86	12.29	12.35	12.89	12.08	12.64	12.24	11.93	11.76	12.54	12.32	12.18	12.35	12.22	12.20
Closing Stocks (million barrels)															
Crude Oil (excluding SPR)	319	329	307	323	342	341	315	311	326	321	298	296	323	311	296
Total Motor Gasoline	212	216	196	207	210	213	206	214	211	219	209	214	207	214	214
Finished Motor Gasoline	138	142	128	135	124	122	119	130	121	132	126	132	135	130	132
Blending Components	74	74	68	72	85	91	87	85	90	87	83	82	72	85	82
Jet Fuel	38	41	37	42	42	39	40	39	38	39	40	40	42	39	40
Distillate Fuel Oil	104	119	128	136	120	127	133	138	111	119	130	135	136	138	135
Residual Fuel Oil	39	37	34	37	42	42	38	40	37	38	36	39	37	40	39
Other Oils ^g	256	300	309	266	250	281	300	258	246	283	300	258	266	258	258
Total Stocks (excluding SPR)	969	1042	1012	1011	1006	1045	1033	1001	969	1020	1013	983	1011	1001	983
Crude Oil in SPR	688	696	694	685	686	689	689	693	697	697	697	697	685	693	697
Heating Oil Reserve	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Total Stocks (incl SPR and HOR)	1659	1740	1707	1698	1694	1735	1724	1696	1668	1718	1711	1682	1698	1696	1682

^a Includes lease condensate.

^b Crude oil production from U.S. Federal leases in the Gulf of Mexico.

^c Net imports equals gross imports minus exports.

^d Other hydrocarbon and alcohol inputs.

^e Includes finished petroleum products, unfinished oils, gasoline blending components, and natural gas plant liquids for processing.

^f Includes crude oil product supplied, natural gas liquids, liquefied refinery gas, other liquids, and all finished petroleum products except motor gasoline, jet fuel, distillate, and residual fuel oil.

^g Includes stocks of all other oils, such as aviation gasoline, kerosene, natural gas liquids (including ethane), aviation gasoline blending components, naphtha and other oils for petrochemical feedstock use, special naphthas, lube oils, wax, coke, asphalt, road oil, and miscellaneous oils.

SPR: Strategic Petroleum Reserve

HOR: Heating Oil Reserve

NGL: Natural Gas Liquids

Notes: Minor discrepancies with other EIA published historical data are due to rounding, with the following exception: recent petroleum demand and supply data displayed here reflect the incorporation of resubmissions of the data as reported in EIA's *Petroleum Supply Monthly*, Table C1. 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 model.

Sources: Historical data: EIA: latest data available from EIA databases supporting the following reports: *Petroleum Supply Monthly*, DOE/EIA-0109, and *Weekly Petroleum Status Report*, DOE/EIA-0208.

Table 5b. U.S. Regional^a Motor Gasoline Inventories and Prices: Base Case

Sector	2005				2006				2007				Year		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2005	2006	2007
Total End-of-period Gasoline Inventories (million barrels)															
PADD 1.....	56.7	60.2	53.4	51.5	52.9	<i>57.4</i>	<i>52.4</i>	<i>58.5</i>	<i>57.8</i>	<i>62.9</i>	<i>57.1</i>	<i>59.6</i>	51.5	<i>58.5</i>	<i>59.6</i>
PADD 2.....	52.5	50.9	51.1	53.4	54.8	<i>51.4</i>	<i>50.9</i>	<i>52.6</i>	<i>52.7</i>	<i>54.2</i>	<i>52.2</i>	<i>53.2</i>	53.4	<i>52.6</i>	<i>53.2</i>
PADD 3.....	66.0	67.5	56.7	64.5	64.3	<i>67.0</i>	<i>65.7</i>	<i>65.0</i>	<i>64.0</i>	<i>65.5</i>	<i>64.1</i>	<i>63.7</i>	64.5	<i>65.0</i>	<i>63.7</i>
PADD 4.....	6.4	6.2	5.6	5.9	6.1	<i>5.9</i>	<i>5.9</i>	<i>6.6</i>	<i>6.8</i>	<i>6.0</i>	<i>5.8</i>	<i>6.4</i>	5.9	<i>6.6</i>	<i>6.4</i>
PADD 5.....	30.2	31.4	29.6	31.7	31.5	<i>31.4</i>	<i>31.2</i>	<i>31.8</i>	<i>29.7</i>	<i>30.2</i>	<i>30.0</i>	<i>31.2</i>	31.7	<i>31.8</i>	<i>31.2</i>
U.S. Total.....	211.7	216.2	196.5	207.0	209.5	<i>213.1</i>	<i>206.2</i>	<i>214.5</i>	<i>211.0</i>	<i>218.9</i>	<i>209.2</i>	<i>214.2</i>	207.0	<i>214.5</i>	<i>214.2</i>
Total End-of-period Finished Gasoline Inventories (million barrels)															
PADD 1.....	42.2	45.4	39.1	39.0	34.6	<i>31.4</i>	<i>28.7</i>	<i>35.0</i>	<i>31.8</i>	<i>38.4</i>	<i>34.5</i>	<i>37.1</i>	39.0	<i>35.0</i>	<i>37.1</i>
PADD 2.....	37.5	36.4	37.4	39.2	37.4	<i>36.6</i>	<i>36.7</i>	<i>38.8</i>	<i>37.7</i>	<i>38.4</i>	<i>37.6</i>	<i>38.8</i>	39.2	<i>38.8</i>	<i>38.8</i>
PADD 3.....	43.5	45.6	37.9	43.8	38.9	<i>39.8</i>	<i>39.4</i>	<i>41.3</i>	<i>38.3</i>	<i>41.1</i>	<i>40.5</i>	<i>41.6</i>	43.8	<i>41.3</i>	<i>41.6</i>
PADD 4.....	4.7	4.5	4.2	4.3	4.4	<i>4.5</i>	<i>4.6</i>	<i>4.7</i>	<i>5.0</i>	<i>4.5</i>	<i>4.5</i>	<i>4.6</i>	4.3	<i>4.7</i>	<i>4.6</i>
PADD 5.....	9.9	10.0	9.5	8.5	9.1	<i>9.9</i>	<i>9.6</i>	<i>10.1</i>	<i>8.4</i>	<i>9.8</i>	<i>9.1</i>	<i>9.7</i>	8.5	<i>10.1</i>	<i>9.7</i>
U.S. Total.....	137.8	141.9	128.1	134.8	124.5	<i>122.1</i>	<i>118.9</i>	<i>129.8</i>	<i>121.2</i>	<i>132.2</i>	<i>126.2</i>	<i>131.9</i>	134.8	<i>129.8</i>	<i>131.9</i>
Total End-of-period Gasoline Blending Components Inventories (million barrels)															
PADD 1.....	14.5	14.8	14.3	12.5	18.3	<i>26.0</i>	<i>23.8</i>	<i>23.5</i>	<i>26.0</i>	<i>24.5</i>	<i>22.6</i>	<i>22.5</i>	12.5	<i>23.5</i>	<i>22.5</i>
PADD 2.....	15.0	14.6	13.7	14.2	17.4	<i>14.8</i>	<i>14.3</i>	<i>13.9</i>	<i>15.1</i>	<i>15.8</i>	<i>14.6</i>	<i>14.4</i>	14.2	<i>13.9</i>	<i>14.4</i>
PADD 3.....	22.5	21.9	18.8	20.7	25.3	<i>27.2</i>	<i>26.3</i>	<i>23.7</i>	<i>25.7</i>	<i>24.4</i>	<i>23.5</i>	<i>22.1</i>	20.7	<i>23.7</i>	<i>22.1</i>
PADD 4.....	1.7	1.7	1.3	1.6	1.7	<i>1.4</i>	<i>1.3</i>	<i>1.9</i>	<i>1.8</i>	<i>1.5</i>	<i>1.3</i>	<i>1.8</i>	1.6	<i>1.9</i>	<i>1.8</i>
PADD 5.....	20.3	21.3	20.1	23.3	22.4	<i>21.6</i>	<i>21.6</i>	<i>21.7</i>	<i>21.4</i>	<i>20.4</i>	<i>20.9</i>	<i>21.5</i>	23.3	<i>21.7</i>	<i>21.5</i>
U.S. Total.....	74.0	74.3	68.3	72.2	85.1	<i>91.0</i>	<i>87.3</i>	<i>84.6</i>	<i>89.9</i>	<i>86.6</i>	<i>83.0</i>	<i>82.3</i>	72.2	<i>84.6</i>	<i>82.3</i>
Motor Gasoline Retail Prices Excluding Taxes (cents/gallon)															
PADD 1.....	146.0	169.0	210.0	191.5	187.2	<i>236.5</i>	<i>241.6</i>	<i>208.7</i>	<i>200.1</i>	<i>223.9</i>	<i>214.8</i>	<i>199.8</i>	179.1	<i>218.5</i>	<i>209.6</i>
PADD 2.....	148.1	167.1	207.7	185.8	186.5	<i>232.4</i>	<i>237.2</i>	<i>205.9</i>	<i>200.2</i>	<i>223.3</i>	<i>214.7</i>	<i>199.4</i>	177.2	<i>215.5</i>	<i>209.4</i>
PADD 3.....	142.9	166.2	204.6	191.6	186.7	<i>236.5</i>	<i>237.9</i>	<i>203.7</i>	<i>196.4</i>	<i>220.2</i>	<i>210.3</i>	<i>195.6</i>	176.3	<i>216.2</i>	<i>205.6</i>
PADD 4.....	144.7	172.8	206.7	191.9	180.5	<i>228.2</i>	<i>242.7</i>	<i>214.4</i>	<i>200.6</i>	<i>224.9</i>	<i>221.0</i>	<i>205.6</i>	179.0	<i>216.4</i>	<i>213.0</i>
PADD 5.....	158.5	191.0	219.4	200.7	193.5	<i>255.9</i>	<i>262.5</i>	<i>227.2</i>	<i>216.0</i>	<i>242.3</i>	<i>231.9</i>	<i>216.0</i>	192.4	<i>234.8</i>	<i>226.6</i>
U.S. Total.....	148.1	171.3	209.7	191.0	187.6	<i>238.1</i>	<i>243.5</i>	<i>210.5</i>	<i>202.4</i>	<i>226.4</i>	<i>217.3</i>	<i>202.1</i>	180.0	<i>219.9</i>	<i>212.0</i>
Motor Gasoline Retail Prices Including Taxes (cents/gallon)															
PADD 1.....	192.6	216.8	258.5	240.0	235.4	<i>284.5</i>	<i>291.3</i>	<i>258.6</i>	<i>247.1</i>	<i>272.9</i>	<i>264.1</i>	<i>249.9</i>	227.0	<i>267.4</i>	<i>258.5</i>
PADD 2.....	192.6	212.3	251.1	230.7	231.6	<i>277.4</i>	<i>283.1</i>	<i>251.7</i>	<i>245.1</i>	<i>269.2</i>	<i>260.6</i>	<i>245.4</i>	221.7	<i>261.0</i>	<i>255.1</i>
PADD 3.....	185.4	209.5	246.0	235.0	227.4	<i>277.1</i>	<i>283.0</i>	<i>248.1</i>	<i>240.6</i>	<i>265.6</i>	<i>255.1</i>	<i>240.8</i>	219.0	<i>258.9</i>	<i>250.5</i>
PADD 4.....	190.8	220.5	253.8	239.6	225.7	<i>273.5</i>	<i>288.4</i>	<i>260.6</i>	<i>245.7</i>	<i>271.2</i>	<i>267.5</i>	<i>252.5</i>	226.2	<i>262.0</i>	<i>259.2</i>
PADD 5.....	207.8	242.1	269.5	253.5	243.2	<i>306.0</i>	<i>314.3</i>	<i>279.5</i>	<i>266.5</i>	<i>295.3</i>	<i>284.7</i>	<i>269.3</i>	243.2	<i>285.8</i>	<i>278.9</i>
U.S. Total.....	194.0	218.6	256.0	238.6	234.0	<i>284.4</i>	<i>291.6</i>	<i>258.8</i>	<i>248.9</i>	<i>274.6</i>	<i>265.5</i>	<i>250.7</i>	226.8	<i>267.2</i>	<i>259.9</i>

^a Regions refer to Petroleum Administration for Defense Districts (PADD). A complete list of states comprising each PADD is provided in EIA's Energy Glossary (<http://www.eia.doe.gov/glossary/>) under the letter "P."

Notes: Minor discrepancies with other EIA published historical data are due to rounding, with the following exception: recent petroleum demand and supply data displayed here reflect the incorporation of resubmissions of the data as reported in EIA's *Petroleum Supply Monthly*, Table C1. Historical data are printed in bold; estimates and forecasts are in italics. The forecasts were generated by simulation of the Regional Short-Term Energy Model.

Sources: Historical data: EIA: latest data available from EIA databases supporting the following reports: *Petroleum Supply Monthly*, DOE/EIA-0109, and *Weekly Petroleum Status Report*, DOE/EIA-0208, *Petroleum Marketing Monthly*, DOE/EIA-0380.

Table 5c. U.S. Regional^a Distillate Inventories and prices: Base Case

Sector	2005				2006				2007				Year		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2005	2006	2007
Total End-of-period Distillate Inventories (million barrels)															
PADD 1	34.1	45.2	60.2	58.6	44.7	<i>53.4</i>	<i>61.0</i>	<i>59.7</i>	<i>40.5</i>	<i>46.4</i>	<i>55.8</i>	<i>56.3</i>	58.6	<i>59.7</i>	<i>56.3</i>
PADD 2	27.6	29.6	27.2	29.1	30.8	<i>26.2</i>	<i>27.3</i>	<i>30.8</i>	<i>28.0</i>	<i>29.0</i>	<i>29.0</i>	<i>31.1</i>	29.1	<i>30.8</i>	<i>31.1</i>
PADD 3	28.6	30.0	26.8	31.7	29.6	<i>31.5</i>	<i>31.1</i>	<i>31.9</i>	<i>28.1</i>	<i>29.2</i>	<i>30.7</i>	<i>31.9</i>	31.7	<i>31.9</i>	<i>31.9</i>
PADD 4	3.1	2.4	2.2	2.9	2.6	<i>3.0</i>	<i>2.7</i>	<i>3.5</i>	<i>3.0</i>	<i>3.1</i>	<i>2.7</i>	<i>3.4</i>	2.9	<i>3.5</i>	<i>3.4</i>
PADD 5	11.1	11.5	11.3	13.7	12.4	<i>13.3</i>	<i>11.4</i>	<i>12.5</i>	<i>11.5</i>	<i>11.7</i>	<i>11.4</i>	<i>12.6</i>	13.7	<i>12.5</i>	<i>12.6</i>
U.S. Total	104.5	118.8	127.7	136.0	120.1	<i>127.3</i>	<i>133.5</i>	<i>138.5</i>	<i>111.1</i>	<i>119.5</i>	<i>129.6</i>	<i>135.4</i>	136.0	<i>138.5</i>	<i>135.4</i>
Residential Heating Oil Prices excluding Taxes (cents/gallon)															
Northeast	185.7	195.6	224.1	233.4	233.8	<i>242.1</i>	<i>235.7</i>	<i>239.1</i>	<i>238.6</i>	<i>236.2</i>	<i>228.4</i>	<i>239.5</i>	203.8	<i>236.7</i>	<i>237.6</i>
South.....	188.0	194.5	226.0	236.7	235.0	<i>237.0</i>	<i>233.0</i>	<i>238.0</i>	<i>238.3</i>	<i>232.6</i>	<i>225.7</i>	<i>237.7</i>	208.2	<i>236.1</i>	<i>236.0</i>
Midwest.....	174.7	185.4	221.5	235.4	219.8	<i>234.6</i>	<i>229.6</i>	<i>231.0</i>	<i>226.3</i>	<i>223.8</i>	<i>221.7</i>	<i>229.0</i>	199.8	<i>227.3</i>	<i>226.2</i>
West.....	192.9	213.9	239.8	244.7	238.6	<i>254.0</i>	<i>245.1</i>	<i>240.8</i>	<i>239.9</i>	<i>248.5</i>	<i>240.4</i>	<i>241.1</i>	218.9	<i>242.5</i>	<i>241.7</i>
U.S. Total	185.2	195.2	224.4	234.2	232.8	<i>243.1</i>	<i>234.9</i>	<i>238.2</i>	<i>237.5</i>	<i>235.0</i>	<i>227.5</i>	<i>238.2</i>	204.2	<i>236.0</i>	<i>236.4</i>
Residential Heating Oil Prices including State Taxes (cents/gallon)															
Northeast	194.8	205.1	235.2	243.4	245.4	<i>254.0</i>	<i>247.4</i>	<i>249.3</i>	<i>250.4</i>	<i>247.8</i>	<i>239.6</i>	<i>249.8</i>	213.4	<i>247.9</i>	<i>248.8</i>
South.....	196.1	202.6	235.7	246.5	245.2	<i>247.0</i>	<i>243.1</i>	<i>247.9</i>	<i>248.6</i>	<i>242.4</i>	<i>235.4</i>	<i>247.5</i>	217.0	<i>246.1</i>	<i>246.0</i>
Midwest.....	186.6	196.3	229.3	252.7	232.8	<i>247.3</i>	<i>242.7</i>	<i>244.1</i>	<i>239.1</i>	<i>236.0</i>	<i>233.4</i>	<i>241.9</i>	216.2	<i>241.7</i>	<i>237.6</i>
West.....	200.6	221.3	246.8	254.7	248.2	<i>263.4</i>	<i>252.2</i>	<i>250.6</i>	<i>249.6</i>	<i>257.5</i>	<i>247.4</i>	<i>250.9</i>	227.1	<i>251.9</i>	<i>251.1</i>
U.S. Total	194.4	204.9	235.7	244.5	244.6	<i>253.3</i>	<i>246.4</i>	<i>248.7</i>	<i>249.2</i>	<i>246.5</i>	<i>238.6</i>	<i>248.8</i>	214.0	<i>247.2</i>	<i>247.6</i>

^a Regions refer to Petroleum Administration for Defense Districts (PADD) and to U.S. Census Regions. A complete list of states comprising each PADD and Region are provided in EIA's Energy Glossary (<http://www.eia.doe.gov/glossary/>) under the letters "P" and "C."

Notes: Minor discrepancies with other EIA published historical data are due to rounding, with the following exception: recent petroleum demand and supply data displayed here reflect the incorporation of resubmissions of the data as reported in EIA's *Petroleum Supply Monthly*, Table C1. Historical data are printed in bold; estimates and forecasts are in italics. The forecasts were generated by simulation of the Regional Short-Term Energy Model.

Sources: Historical data: EIA: latest data available from EIA databases supporting the following reports: *Petroleum Supply Monthly*, DOE/EIA-0109, and *Weekly Petroleum Status Report*, DOE/EIA-0208, *Petroleum Marketing Monthly*, DOE/EIA-0380.

Table 5d. U.S. Regional^a Propane Inventories and Prices: Base Case

Sector	2005				2006				2007				Year		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2005	2006	2007
Total End-of-period Inventories (million barrels)															
PADD 1	2.1	3.4	4.2	4.3	2.5	4.6	5.1	4.9	2.9	4.4	5.2	4.8	4.3	4.9	4.8
PADD 2	8.5	17.8	23.3	18.1	11.2	20.5	25.8	21.0	9.8	17.8	24.2	19.6	18.1	21.0	19.6
PADD 3	15.9	30.4	36.7	33.0	15.6	21.9	32.2	25.0	14.4	27.1	34.9	27.2	33.0	25.0	27.2
PADD 4	0.3	0.5	0.7	0.5	0.3	0.7	0.8	0.7	0.5	0.6	0.8	0.7	0.5	0.7	0.7
PADD 5	0.4	1.0	2.2	1.4	0.4	1.0	2.4	1.6	0.5	1.3	2.6	1.7	1.4	1.6	1.7
U.S. Total	27.2	53.0	69.0	57.4	21.0	48.7	66.3	53.2	28.1	51.2	67.7	54.0	57.4	53.2	54.0
Residential Prices excluding Taxes (cents/gallon)															
Northeast	178.6	189.7	199.8	209.9	210.7	211.9	210.8	207.2	207.1	208.3	206.2	202.5	192.0	209.9	205.8
South	171.3	172.7	174.5	200.0	202.8	197.7	189.5	197.6	200.3	193.1	181.6	189.7	181.2	198.3	193.3
Midwest	136.0	137.7	139.6	156.5	158.6	156.5	158.1	163.3	164.0	159.4	152.3	158.1	143.2	160.0	159.7
West	168.8	167.3	165.4	196.3	198.8	195.6	179.9	195.0	193.1	185.0	175.6	189.5	177.7	194.7	187.6
U.S. Total	157.4	163.9	162.2	183.7	186.5	187.7	178.4	184.1	185.3	183.4	172.6	178.1	167.3	184.6	180.8
Residential Prices including State Taxes (cents/gallon)															
Northeast	186.5	198.2	209.1	219.4	220.1	221.4	220.6	216.5	216.4	217.6	215.7	211.6	200.7	219.4	215.1
South	179.8	181.4	183.6	210.1	213.0	207.7	199.3	207.6	210.3	202.9	191.0	199.3	190.3	208.4	203.1
Midwest	143.6	145.5	147.4	165.4	167.5	165.4	166.9	172.6	173.2	168.5	160.8	167.1	151.3	169.0	168.7
West	178.4	176.7	174.2	207.3	210.1	206.6	189.5	205.9	204.1	195.4	185.0	200.1	187.6	205.6	198.1
U.S. Total	165.7	172.4	170.8	193.4	196.3	197.5	187.8	193.8	195.0	192.9	181.6	187.5	176.1	194.3	190.2

^a Regions refer to Petroleum Administration for Defense Districts (PADD) and U.S. Census Regions. A complete list of states comprising each PADD and Region are provided in EIA's Energy Glossary (<http://www.eia.doe.gov/glossary/>) under the letters "P" and "C."

Notes: Minor discrepancies with other EIA published historical data are due to rounding, with the following exception: recent petroleum demand and supply data displayed here reflect the incorporation of resubmissions of the data as reported in EIA's *Petroleum Supply Monthly*, Table C1. 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 model.

Sources: Historical data: EIA: latest data available from EIA databases supporting the following reports: *Petroleum Supply Monthly*, DOE/EIA-0109, and *Weekly Petroleum Status Report*, DOE/EIA-0208, *Petroleum Marketing Monthly*, DOE/EIA-0380.

Table 6. Approximate Energy Demand Sensitivities^a for the RSTEM^b
(Percent Deviation Base Case)

Demand Sector	+1% GDP	+ 10% Prices		+ 10% Weather ^e	
		Crude Oil ^c	N. Gas Wellhead ^d	Fall/Winter ^f	Spring/Summer ^f

Petroleum

Total
Motor Gasoline
Distillate Fuel
Residual Fuel

Natural Gas

Total
Residential
Commercial
Industrial

The table has been replaced by a new analysis report:
**Final Reduced Form Energy Model Elasticities from EIA's
Regional Short-Term Energy Model (RSTEM)**
<http://www.eia.doe.gov/emeu/steo/pub/pdf/elasticities.pdf>

Electric Power

Coal

Total
Electric Power

Electricity

Total
Residential
Commercial
Industrial

^a Percent change in demand quantity resulting from specified percent changes in model inputs.

^b Regional Short-Term Energy Model.

^c Refiner acquisitions cost of imported crude oil.

^d Average unit value of marketed natural gas production reported by States.

^e Refers to percent changes in degree-days.

^f Response during fall/winter period(first and fourth calendar quarters) refers to change in heating degree-days. Response during the spring/summer period (second and third calendar quarters) refers to change in cooling degree-days.

Table 7. Forecast Components for U.S. Crude Oil Production
(Million Barrels per Day)

	High Price Case	Low Price Case	Difference		
			Total	Uncertainty	Price Impact
United States	6.349	5.199	1.150	0.046	1.105
Lower 48 States	5.582	4.443	1.139	0.040	1.099
Alaska	0.767	0.755	0.011	0.006	0.006

Note: Components provided are for the fourth quarter 2007.

Source: EIA, Office of Oil and Gas, Reserves and Production Division.

Table 8a. U.S. Natural Gas Supply and Demand: Base Case
(Trillion Cubic Feet)

	2005				2006				2007				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2005	2006	2007
Supply															
Total Dry Gas Production.....	4.66	4.66	4.48	4.44	4.52	4.53	4.64	4.67	4.58	4.62	4.67	4.69	18.24	18.36	18.56
Alaska	0.12	0.11	0.11	0.12	0.12	0.11	0.11	0.12	0.12	0.11	0.11	0.12	0.47	0.45	0.45
Federal GOM ^a	0.93	0.89	0.67	0.54	0.68	0.76	0.86	0.88	0.86	0.87	0.88	0.89	3.03	3.19	3.50
Other Lower 48	3.61	3.66	3.70	3.78	3.72	3.67	3.67	3.66	3.59	3.64	3.68	3.69	14.75	14.72	14.60
Gross Imports	1.13	0.98	1.08	1.14	0.96	0.96	1.04	1.15	1.16	1.09	1.12	1.18	4.33	4.11	4.56
Pipeline	0.98	0.82	0.93	0.97	0.85	0.77	0.82	0.91	0.92	0.85	0.87	0.93	3.69	3.35	3.56
LNG.....	0.16	0.16	0.15	0.17	0.11	0.19	0.22	0.24	0.24	0.25	0.25	0.26	0.63	0.76	1.00
Gross Exports	0.28	0.17	0.15	0.13	0.22	0.18	0.20	0.21	0.21	0.20	0.22	0.23	0.73	0.80	0.87
Net Imports	0.86	0.81	0.93	1.00	0.75	0.78	0.84	0.94	0.95	0.89	0.90	0.95	3.60	3.31	3.70
Supplemental Gaseous Fuels..	0.02	0.02	0.02	0.02	0.02	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.07	0.07	0.07
Total New Supply.....	5.54	5.49	5.42	5.46	5.29	5.33	5.50	5.62	5.55	5.53	5.59	5.66	21.91	21.74	22.32
Working Gas in Storage															
Opening	2.70	1.28	2.20	2.93	2.64	1.69	2.62	3.31	2.79	1.38	2.27	3.08	2.70	2.64	2.79
Closing	1.28	2.20	2.93	2.64	1.69	2.62	3.31	2.79	1.38	2.27	3.08	2.65	2.64	2.79	2.65
Net Withdrawals.....	1.41	-0.91	-0.73	0.30	0.94	-0.92	-0.70	0.52	1.41	-0.89	-0.81	0.43	0.06	-0.16	0.14
Total Supply	6.95	4.57	4.69	5.76	6.23	4.41	4.80	6.14	6.96	4.63	4.79	6.09	21.97	21.59	22.46
Balancing Item ^b	0.03	0.20	0.10	-0.37	0.15	0.44	-0.14	-0.46	0.05	0.31	-0.05	-0.30	-0.04	-0.02	0.01
Total Primary Supply.....	6.98	4.77	4.78	5.39	6.38	4.85	4.66	5.68	7.01	4.94	4.73	5.79	21.93	21.57	22.48
Demand															
Residential	2.33	0.79	0.36	1.36	2.04	0.72	0.36	1.35	2.33	0.78	0.37	1.39	4.84	4.48	4.88
Commercial.....	1.27	0.56	0.39	0.83	1.16	0.54	0.39	0.82	1.27	0.57	0.40	0.83	3.06	2.91	3.06
Industrial	2.11	1.90	1.79	1.86	1.95	1.82	1.89	2.10	2.12	1.90	1.97	2.14	7.66	7.76	8.13
Lease and Plant Fuel	0.27	0.27	0.26	0.26	0.26	0.27	0.27	0.27	0.27	0.27	0.27	0.27	1.07	1.08	1.08
Other Industrial	1.83	1.63	1.53	1.60	1.69	1.55	1.62	1.82	1.85	1.63	1.70	1.86	6.59	6.68	7.04
CHP ^c	0.24	0.24	0.25	0.20	0.21	0.25	0.27	0.23	0.23	0.25	0.27	0.23	0.94	0.96	0.99
Non-CHP	1.59	1.38	1.27	1.40	1.48	1.31	1.35	1.59	1.62	1.38	1.42	1.63	5.65	5.73	6.06
Transportation ^d	0.18	0.13	0.13	0.14	0.17	0.13	0.12	0.15	0.20	0.13	0.13	0.16	0.58	0.57	0.61
Electric Power ^e	1.09	1.40	2.12	1.19	1.05	1.64	1.89	1.26	1.10	1.56	1.87	1.27	5.80	5.85	5.81
Total Demand	6.98	4.77	4.78	5.39	6.38	4.85	4.66	5.68	7.01	4.94	4.73	5.79	21.93	21.57	22.48

^a Dry natural gas production from U.S. Federal Leases in the Gulf of Mexico.

^b The balancing item represents the difference between the sum of the components of natural gas supply and the sum of components of natural gas demand.

^c Natural gas used for electricity generation and production of useful thermal output by combined heat and power (CHP) plants at industrial facilities. Includes a small amount of natural gas consumption at electricity-only plants in the industrial sector.

^d Pipeline fuel use plus natural gas used as vehicle fuel.

^e Natural gas used for electricity generation and (a limited amount of) useful thermal output by electric utilities and independent power producers.

LNG = Liquefied natural gas

Notes: Minor discrepancies with other EIA published historical data are due to 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: EIA: latest data available from EIA databases supporting the following reports: *Natural Gas Monthly*, DOE/EIA-0130; *Electric Power Monthly*, DOE/EIA-0226. Projections: EIA, Short-Term Integrated Forecasting System database, and Office of Oil and Gas, Reserves and Production Division.

Table 8b. U.S. Regional^a Natural Gas Demand: Base Case
(Billion Cubic Feet per Day)

	2005				2006				2007				Year		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2005	2006	2007
Delivered to Consumers															
Residential															
New England.....	1.089	0.421	0.138	0.511	0.919	0.378	0.151	0.511	1.087	0.418	0.150	0.519	0.537	0.488	0.541
Mid Atlantic.....	4.911	1.733	0.626	2.394	4.192	1.507	0.641	2.459	4.736	1.690	0.644	2.454	2.404	2.191	2.370
E. N. Central.....	7.637	2.184	0.873	4.683	6.402	2.077	0.914	4.532	7.524	2.261	0.912	4.711	3.828	3.469	3.836
W. N. Central.....	2.410	0.678	0.282	1.349	2.086	0.600	0.274	1.347	2.460	0.702	0.294	1.375	1.174	1.072	1.202
S. Atlantic.....	2.498	0.694	0.330	1.519	2.117	0.573	0.328	1.462	2.533	0.652	0.327	1.481	1.255	1.116	1.243
E. S. Central.....	1.084	0.304	0.130	0.569	0.954	0.248	0.123	0.558	1.141	0.263	0.126	0.553	0.520	0.469	0.518
W. S. Central.....	1.790	0.525	0.289	0.825	1.529	0.463	0.286	0.844	1.857	0.484	0.291	0.849	0.853	0.777	0.866
Mountain.....	1.666	0.680	0.291	1.096	1.688	0.592	0.283	0.980	1.686	0.619	0.303	1.153	0.930	0.882	0.937
Pacific.....	2.799	1.413	0.963	1.860	2.808	1.512	0.918	2.022	2.870	1.523	0.950	2.062	1.754	1.810	1.847
Total.....	25.885	8.633	3.923	14.806	22.697	7.949	3.918	14.715	25.895	8.613	3.995	15.156	13.256	12.275	13.360
Commercial															
New England.....	0.616	0.265	0.143	0.326	0.542	0.234	0.130	0.317	0.577	0.254	0.142	0.320	0.336	0.305	0.322
Mid Atlantic.....	2.796	1.235	0.836	1.625	2.538	1.185	0.864	1.694	2.653	1.245	0.937	1.698	1.618	1.566	1.629
E. N. Central.....	3.639	1.188	0.680	2.254	3.151	1.139	0.692	2.151	3.596	1.232	0.694	2.143	1.933	1.778	1.909
W. N. Central.....	1.436	0.495	0.286	0.857	1.269	0.461	0.293	0.859	1.463	0.501	0.290	0.865	0.765	0.718	0.777
S. Atlantic.....	1.619	0.747	0.551	1.122	1.437	0.650	0.522	1.113	1.606	0.766	0.572	1.124	1.007	0.929	1.014
E. S. Central.....	0.660	0.273	0.195	0.416	0.600	0.250	0.184	0.387	0.705	0.259	0.181	0.386	0.385	0.354	0.381
W. S. Central.....	1.256	0.690	0.587	0.825	1.160	0.673	0.584	0.846	1.334	0.713	0.577	0.847	0.838	0.814	0.866
Mountain.....	0.939	0.493	0.273	0.657	0.977	0.465	0.280	0.610	0.936	0.465	0.289	0.674	0.589	0.581	0.590
Pacific.....	1.201	0.805	0.681	0.952	1.249	0.845	0.641	0.953	1.216	0.799	0.638	0.953	0.909	0.921	0.900
Total.....	14.163	6.191	4.232	9.034	12.923	5.902	4.190	8.931	14.086	6.234	4.320	9.010	8.380	7.965	8.387
Industrial^b															
New England.....	0.347	0.214	0.152	0.231	0.308	0.198	0.140	0.273	0.324	0.220	0.174	0.288	0.236	0.229	0.251
Mid Atlantic.....	1.164	0.888	0.792	0.900	1.088	0.850	0.827	1.011	1.141	0.884	0.853	1.030	0.935	0.943	0.976
E. N. Central.....	3.932	2.889	2.595	3.203	3.629	2.749	2.659	3.396	3.989	2.895	2.704	3.465	3.151	3.107	3.260
W. N. Central.....	1.296	1.002	1.086	1.220	1.288	1.101	1.076	1.224	1.288	1.052	1.064	1.231	1.151	1.172	1.158
S. Atlantic.....	1.634	1.424	1.308	1.372	1.515	1.375	1.421	1.537	1.610	1.456	1.453	1.574	1.433	1.462	1.523
E. S. Central.....	1.403	1.204	1.087	1.202	1.286	1.205	1.219	1.339	1.410	1.264	1.213	1.346	1.223	1.262	1.308
W. S. Central.....	6.881	6.786	6.245	5.940	6.158	6.269	6.662	7.210	7.094	6.668	7.240	7.439	6.460	6.578	7.112
Mountain.....	0.876	0.759	0.732	0.866	0.940	0.744	0.735	0.855	0.902	0.761	0.749	0.878	0.808	0.818	0.822
Pacific.....	2.827	2.699	2.602	2.499	2.549	2.575	2.896	2.948	2.796	2.733	3.005	3.013	2.656	2.744	2.888
Total.....	20.359	17.864	16.597	17.434	18.761	17.066	17.635	19.793	20.554	17.932	18.454	20.264	18.052	18.315	19.298
Total to Consumers^c															
New England.....	2.052	0.899	0.433	1.068	1.769	0.809	0.421	1.101	1.988	0.892	0.466	1.127	1.109	1.022	1.114
Mid Atlantic.....	8.871	3.856	2.254	4.920	7.818	3.542	2.332	5.164	8.530	3.819	2.435	5.182	4.957	4.700	4.976
E. N. Central.....	15.207	6.262	4.148	10.140	13.182	5.965	4.266	10.079	15.109	6.388	4.309	10.319	8.912	8.353	9.005
W. N. Central.....	5.142	2.176	1.654	3.425	4.643	2.161	1.643	3.430	5.211	2.255	1.647	3.471	3.090	2.962	3.137
S. Atlantic.....	5.751	2.865	2.188	4.013	5.070	2.598	2.271	4.112	5.749	2.874	2.352	4.179	3.695	3.507	3.780
E. S. Central.....	3.147	1.781	1.412	2.187	2.840	1.703	1.526	2.283	3.257	1.786	1.519	2.284	2.127	2.085	2.207
W. S. Central.....	9.927	8.001	7.121	7.590	8.847	7.406	7.531	8.900	10.286	7.865	8.108	9.135	8.151	8.169	8.843
Mountain.....	3.482	1.931	1.296	2.618	3.605	1.801	1.299	2.445	3.524	1.845	1.341	2.705	2.327	2.281	2.349
Pacific.....	6.827	4.918	4.246	5.311	6.606	4.932	4.454	5.924	6.882	5.055	4.593	6.028	5.319	5.475	5.634
Total.....	60.406	32.689	24.753	41.274	54.381	30.916	25.744	43.438	60.535	32.779	26.769	44.430	39.687	38.555	41.045

^a Regions refer to U.S. Census Divisions. A complete list of states comprising each Census Division is provided in EIA's Energy Glossary (<http://www.eia.doe.gov/glossary/>) under the letter "C."

^b Industrial representing only "Other Industrial" demand in Table 8a.

^c Total to Consumers excludes Lease and Plant Fuel, Transportation and Electric Power sectors.

Notes: Minor discrepancies with other EIA published historical data are due to rounding. Historical data are printed in bold; estimates and forecasts are in italics

Sources: Historical data: EIA: latest data available from EIA databases supporting the following reports: *Natural Gas Monthly*, DOE/EIA-0130; *Electric Power Monthly*, DOE/EIA-0226. The forecasts were generated by simulation of the Regional Short-Term Energy Model.

Table 8c. U.S. Regional^a Natural Gas Prices: Base Case
(Dollars per Thousand Cubic Feet, Except Where Noted)

	2005				2006				2007				Year		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2005	2006	2007
Delivered to Consumers															
Residential															
New England.....	13.80	14.63	17.97	19.04	17.62	16.53	17.15	16.70	16.16	15.33	16.91	16.45	15.49	17.13	16.12
Mid Atlantic.....	12.31	13.66	17.62	16.81	15.98	15.05	16.14	14.69	14.11	13.81	17.12	14.92	14.03	15.47	14.47
E. N. Central.....	9.79	11.98	15.16	14.05	12.79	12.18	13.87	12.69	12.10	11.31	14.13	12.26	11.72	12.74	12.16
W. N. Central.....	10.06	11.93	16.77	13.99	12.61	12.67	14.81	12.79	12.02	11.73	15.07	12.97	11.88	12.82	12.44
S. Atlantic.....	13.03	16.12	21.78	18.98	17.14	18.05	19.76	15.84	14.70	15.59	19.76	16.04	15.85	17.02	15.56
E. S. Central.....	11.69	13.56	17.17	17.36	15.78	15.44	16.01	14.26	13.72	13.43	16.28	14.58	13.88	15.29	14.07
W. S. Central.....	10.19	13.20	17.30	16.28	12.80	13.14	15.47	13.86	12.42	12.69	15.73	13.85	12.75	13.39	13.09
Mountain	9.52	10.47	13.59	12.35	11.80	11.69	12.55	11.24	11.49	11.03	13.58	12.05	10.85	11.69	11.76
Pacific	10.70	10.94	12.05	14.06	12.89	10.91	10.64	12.54	12.80	10.88	12.04	13.10	11.83	12.09	12.39
Total.....	10.96	12.61	15.67	15.30	14.03	13.27	14.26	13.49	13.02	12.40	14.89	13.54	12.80	13.76	13.21
Commercial															
New England.....	12.54	12.63	13.23	16.86	15.50	13.67	11.87	13.88	14.63	12.24	12.44	13.93	13.66	14.40	13.79
Mid Atlantic.....	11.43	11.47	12.97	17.00	15.08	11.88	11.10	13.20	13.78	11.36	11.90	13.51	13.05	13.45	13.00
E. N. Central.....	9.07	10.09	11.60	13.42	12.38	10.91	10.52	11.47	11.37	10.01	11.27	11.50	10.69	11.73	11.19
W. N. Central.....	9.33	9.94	11.58	12.94	11.79	10.09	10.13	11.49	11.52	10.06	10.83	11.59	10.65	11.29	11.26
S. Atlantic.....	11.01	11.52	13.07	16.56	14.81	12.76	11.92	12.92	12.87	11.50	12.26	12.95	12.94	13.55	12.57
E. S. Central.....	10.75	10.86	11.78	15.97	14.65	12.46	11.51	12.67	12.58	10.75	11.38	12.52	12.30	13.34	12.12
W. S. Central.....	8.97	9.54	10.70	14.47	11.37	9.39	9.34	11.28	10.93	9.37	10.07	11.55	10.67	10.60	10.64
Mountain	8.53	8.68	9.72	11.00	10.76	9.81	9.84	10.91	11.02	9.71	10.82	11.20	9.40	10.51	10.80
Pacific	9.82	9.48	10.11	12.84	11.88	9.79	9.11	11.51	12.15	9.48	10.26	12.05	10.60	10.85	11.22
Total.....	10.08	10.48	11.75	14.59	13.18	11.04	10.49	12.10	12.25	10.47	11.25	12.28	11.57	12.17	11.82
Industrial															
New England.....	11.55	11.10	11.34	16.30	14.70	12.17	9.80	12.48	13.01	10.17	10.29	12.57	12.60	12.85	11.89
Mid Atlantic.....	10.27	9.74	9.90	15.33	13.22	9.64	8.11	11.20	11.79	9.20	9.31	11.64	11.29	11.01	10.75
E. N. Central.....	8.35	9.24	9.84	12.34	11.06	9.26	8.75	10.37	10.71	8.84	9.33	10.64	9.88	10.21	10.19
W. N. Central.....	7.68	7.64	7.91	11.39	10.53	7.64	7.47	9.49	9.87	7.75	8.12	9.68	8.81	8.89	8.99
S. Atlantic.....	8.39	8.44	10.02	14.83	11.60	8.81	8.17	10.15	10.19	8.24	8.59	10.31	10.40	9.65	9.39
E. S. Central.....	7.75	7.98	8.84	13.70	11.70	8.42	8.04	9.84	10.27	8.09	8.42	9.96	9.56	9.46	9.24
W. S. Central.....	6.22	6.86	8.36	11.04	8.26	6.86	6.74	8.56	8.72	6.95	7.30	8.84	8.00	7.62	7.96
Mountain	7.31	7.83	8.24	10.28	10.05	8.40	7.50	8.92	9.97	7.85	8.65	9.78	8.41	8.77	9.12
Pacific	7.00	6.06	6.09	9.19	9.13	6.68	6.43	8.51	9.32	6.68	7.34	9.21	7.13	7.77	8.20
Total.....	7.06	7.24	8.41	11.66	9.51	7.44	7.11	9.11	9.44	7.35	7.66	9.38	8.52	8.35	8.52
Citygate															
New England.....	7.86	9.16	12.50	13.27	11.03	9.29	9.63	10.60	10.29	9.07	9.97	10.58	9.80	10.45	10.10
Mid Atlantic.....	7.58	8.14	8.92	11.75	10.48	8.25	7.64	9.97	10.00	8.23	8.50	10.30	8.86	9.65	9.60
E. N. Central.....	7.34	8.00	9.51	11.17	9.73	8.13	7.69	9.35	9.39	8.08	8.32	9.47	8.74	9.20	9.14
W. N. Central.....	7.07	8.26	9.29	11.02	9.18	8.30	7.98	9.66	9.50	8.18	8.61	9.78	8.54	9.10	9.31
S. Atlantic.....	7.69	8.48	10.40	13.25	10.68	9.34	8.44	9.95	9.68	8.31	8.82	10.06	9.72	10.01	9.49
E. S. Central.....	7.12	7.81	8.80	12.24	10.36	9.21	7.99	9.73	9.62	7.96	8.22	9.76	8.79	9.78	9.30
W. S. Central.....	6.72	6.98	8.76	10.92	8.93	7.20	6.96	9.15	9.05	7.20	7.65	9.28	8.07	8.41	8.61
Mountain	6.19	6.50	7.16	8.77	8.11	6.88	6.10	8.37	8.68	6.71	7.18	8.69	7.09	7.77	8.19
Pacific	6.22	6.73	7.70	9.96	8.18	6.47	6.27	8.62	8.55	6.84	7.49	9.06	7.55	7.66	8.18
Total.....	7.09	7.79	9.23	11.37	9.63	8.12	7.63	9.49	9.42	7.84	8.31	9.67	8.57	9.12	9.10

^a Regions refer to U.S. Census Divisions. A complete list of states comprising each Census Division is provided in EIA's Energy Glossary (<http://www.eia.doe.gov/glossary/>) under the letter "C".

Sources: Historical data: EIA; latest data available from EIA databases supporting the following reports: *Natural Gas Monthly*, DOE/EIA-0130. The forecasts were generated by simulation of the Short-Term Integrated Forecasting System.

Table 9. U.S. Coal Supply and Demand: Base Case
(Million Short Tons)

	2005				2006				2007				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2005	2006	2007
Supply															
Production.....	286.3	279.3	286.0	281.7	288.9	<i>294.6</i>	<i>260.2</i>	<i>300.7</i>	<i>289.8</i>	<i>280.6</i>	<i>277.6</i>	<i>309.7</i>	1133.3	<i>1144.4</i>	<i>1157.7</i>
Appalachia.....	100.1	101.3	98.5	97.0	103.0	<i>103.1</i>	<i>90.0</i>	<i>104.0</i>	<i>98.8</i>	<i>95.7</i>	<i>94.7</i>	<i>105.6</i>	397.0	<i>400.1</i>	<i>394.8</i>
Interior.....	37.0	36.9	37.3	37.9	37.8	<i>39.7</i>	<i>33.6</i>	<i>38.9</i>	<i>36.8</i>	<i>35.6</i>	<i>35.3</i>	<i>39.3</i>	149.2	<i>150.0</i>	<i>147.0</i>
Western.....	149.1	141.0	150.1	146.8	148.0	<i>151.9</i>	<i>136.6</i>	<i>157.9</i>	<i>154.2</i>	<i>149.3</i>	<i>147.7</i>	<i>164.8</i>	587.0	<i>594.4</i>	<i>615.9</i>
Primary Stock Levels ^a															
Opening.....	41.2	38.7	38.4	35.0	34.6	<i>35.1</i>	<i>35.3</i>	<i>33.2</i>	<i>35.1</i>	<i>34.0</i>	<i>32.5</i>	<i>30.1</i>	41.2	<i>34.6</i>	<i>35.1</i>
Closing.....	38.7	38.4	35.0	34.6	35.1	<i>35.3</i>	<i>33.2</i>	<i>35.1</i>	<i>34.0</i>	<i>32.5</i>	<i>30.1</i>	<i>30.8</i>	34.6	<i>35.1</i>	<i>30.8</i>
Net Withdrawals.....	2.5	0.3	3.5	0.4	-0.5	<i>-0.2</i>	<i>2.1</i>	<i>-1.9</i>	<i>1.1</i>	<i>1.5</i>	<i>2.4</i>	<i>-0.7</i>	6.6	<i>-0.5</i>	<i>4.3</i>
Imports.....	7.6	7.2	7.8	7.8	9.0	<i>9.1</i>	<i>10.3</i>	<i>9.9</i>	<i>8.0</i>	<i>10.6</i>	<i>11.1</i>	<i>10.7</i>	30.5	<i>38.2</i>	<i>40.3</i>
Exports.....	10.1	14.8	12.6	12.4	10.7	<i>12.4</i>	<i>14.6</i>	<i>11.2</i>	<i>10.6</i>	<i>13.6</i>	<i>14.4</i>	<i>13.2</i>	49.9	<i>48.9</i>	<i>51.7</i>
Total Net Supply.....	286.2	272.0	284.6	277.5	286.6	<i>291.1</i>	<i>258.0</i>	<i>297.5</i>	<i>288.3</i>	<i>279.1</i>	<i>276.7</i>	<i>306.6</i>	1120.4	<i>1133.3</i>	<i>1150.6</i>
Secondary Stock Levels ^b															
Opening.....	112.9	111.8	123.3	106.0	109.4	<i>118.3</i>	<i>132.8</i>	<i>102.7</i>	<i>109.3</i>	<i>121.8</i>	<i>125.1</i>	<i>111.0</i>	112.9	<i>109.4</i>	<i>109.3</i>
Closing.....	111.8	123.3	106.0	109.4	118.3	<i>132.8</i>	<i>102.7</i>	<i>109.3</i>	<i>121.8</i>	<i>125.1</i>	<i>111.0</i>	<i>124.6</i>	109.4	<i>109.3</i>	<i>124.6</i>
Net Withdrawals.....	1.0	-11.4	17.3	-3.5	-8.9	<i>-14.5</i>	<i>30.1</i>	<i>-6.6</i>	<i>-12.4</i>	<i>-3.3</i>	<i>14.1</i>	<i>-13.6</i>	3.4	<i>0.1</i>	<i>-15.2</i>
Waste Coal to IPPs ^c	3.8	3.8	3.7	3.8	3.8	<i>3.8</i>	<i>3.7</i>	<i>3.8</i>	<i>3.8</i>	<i>3.8</i>	<i>3.7</i>	<i>3.8</i>	15.1	<i>15.1</i>	<i>15.1</i>
Total Supply.....	291.1	264.3	305.7	277.8	281.5	<i>280.4</i>	<i>291.8</i>	<i>294.7</i>	<i>279.6</i>	<i>279.6</i>	<i>294.5</i>	<i>296.8</i>	1138.9	<i>1148.5</i>	<i>1150.5</i>
Demand															
Coke Plants.....	5.6	6.0	6.0	5.8	5.7	<i>6.6</i>	<i>6.9</i>	<i>6.5</i>	<i>6.6</i>	<i>6.5</i>	<i>6.8</i>	<i>6.3</i>	23.4	<i>25.7</i>	<i>26.3</i>
Electric Power Sector ^d	256.2	242.6	282.4	257.8	248.0	<i>254.6</i>	<i>269.0</i>	<i>270.4</i>	<i>256.1</i>	<i>258.0</i>	<i>272.2</i>	<i>272.9</i>	1039.0	<i>1042.0</i>	<i>1059.1</i>
Retail and Oth. Industry.....	17.2	15.6	15.8	17.3	17.1	<i>15.3</i>	<i>15.9</i>	<i>17.8</i>	<i>16.9</i>	<i>15.1</i>	<i>15.6</i>	<i>17.6</i>	65.9	<i>66.2</i>	<i>65.1</i>
Total Demand ^e	279.0	264.2	304.2	280.9	270.9	<i>276.5</i>	<i>291.8</i>	<i>294.7</i>	<i>279.6</i>	<i>279.6</i>	<i>294.5</i>	<i>296.8</i>	1128.3	<i>1133.9</i>	<i>1150.5</i>
Discrepancy ^f	12.1	0.1	1.5	-3.1	10.7	<i>3.9</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	10.6	<i>14.6</i>	<i>0.0</i>

^a Primary stocks are held at the mines, preparation plants, and distribution points.

^b Secondary stocks are held by users. It includes an estimate of stocks held at utility plants sold to nonutility generators.

^c Estimated independent power producers' (IPPs) consumption of waste coal. This item includes waste coal and coal slurry reprocessed into briquettes.

^d Coal used for electricity generation and (a limited amount of) useful thermal output by electric utilities and independent power producers.

^e Total Demand includes estimated IPP consumption.

^f The discrepancy reflects an unaccounted-for shipper and receiver reporting difference, assumed to be zero in the forecast period.

Notes: Totals June not add due to independent rounding. Minor discrepancies with other EIA published historical data are due to 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: EIA: latest data available from EIA databases supporting the following reports: *Quarterly Coal Report*, DOE/EIA-0121, and *Electric Power Monthly*, DOE/EIA-0226. Projections: EIA, Short-Term Integrated Forecasting System database, and Office of Coal, Nuclear, Electric and Alternate Fuels (coal production).

Table 10a. U.S. Electricity Supply and Demand: Base Case

(Billion Kilowatthours)

	2005				2006				2007				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2005	2006	2007
Net Electricity Generation															
Electric Power Sector ^a															
Coal.....	491.9	466.7	539.8	494.1	482.4	<i>487.1</i>	<i>514.5</i>	<i>515.7</i>	<i>490.5</i>	<i>493.1</i>	<i>520.9</i>	<i>520.4</i>	1992.5	<i>1999.7</i>	<i>2024.9</i>
Petroleum.....	25.8	22.9	38.3	28.8	13.8	<i>21.2</i>	<i>25.5</i>	<i>19.8</i>	<i>24.1</i>	<i>25.3</i>	<i>30.0</i>	<i>21.5</i>	115.8	<i>80.3</i>	<i>100.9</i>
Natural Gas.....	129.1	161.7	244.3	139.9	124.3	<i>190.0</i>	<i>219.6</i>	<i>149.3</i>	<i>129.8</i>	<i>182.1</i>	<i>217.4</i>	<i>151.7</i>	675.1	<i>683.2</i>	<i>681.0</i>
Nuclear.....	192.3	183.9	208.4	195.9	198.2	<i>188.0</i>	<i>208.8</i>	<i>193.7</i>	<i>198.7</i>	<i>194.5</i>	<i>211.7</i>	<i>196.3</i>	780.5	<i>788.7</i>	<i>801.2</i>
Hydroelectric.....	65.3	73.2	61.1	55.7	73.4	<i>77.5</i>	<i>65.9</i>	<i>62.8</i>	<i>75.4</i>	<i>82.5</i>	<i>66.7</i>	<i>64.0</i>	255.3	<i>279.5</i>	<i>288.7</i>
Other ^b	14.8	16.7	16.3	16.4	17.6	<i>22.2</i>	<i>18.8</i>	<i>18.6</i>	<i>19.2</i>	<i>20.7</i>	<i>21.5</i>	<i>21.2</i>	64.2	<i>77.1</i>	<i>82.6</i>
Subtotal.....	919.2	925.2	1108.2	930.8	909.7	<i>985.9</i>	<i>1053.1</i>	<i>959.8</i>	<i>937.7</i>	<i>998.1</i>	<i>1068.2</i>	<i>975.2</i>	3883.4	<i>3908.6</i>	<i>3979.2</i>
Other Sectors ^c	38.7	38.6	41.8	35.4	36.2	<i>39.0</i>	<i>42.8</i>	<i>40.5</i>	<i>39.9</i>	<i>40.5</i>	<i>43.4</i>	<i>40.9</i>	154.6	<i>158.5</i>	<i>164.7</i>
Total Generation ...	957.9	963.8	1150.0	966.2	945.9	<i>1024.9</i>	<i>1096.0</i>	<i>1000.3</i>	<i>977.6</i>	<i>1038.6</i>	<i>1111.6</i>	<i>1016.1</i>	4038.0	<i>4067.1</i>	<i>4143.9</i>
Net Imports	5.5	4.9	8.5	5.8	4.7	<i>6.9</i>	<i>9.0</i>	<i>5.4</i>	<i>3.5</i>	<i>2.0</i>	<i>4.8</i>	<i>3.0</i>	24.7	<i>26.0</i>	<i>13.4</i>
Total Supply.....	963.4	968.8	1158.5	972.0	950.6	<i>1031.8</i>	<i>1105.0</i>	<i>1005.7</i>	<i>981.1</i>	<i>1040.7</i>	<i>1116.5</i>	<i>1019.1</i>	4062.7	<i>4093.2</i>	<i>4157.3</i>
Losses and Unaccounted for ^d	42.9	70.2	66.4	53.0	36.9	<i>77.4</i>	<i>61.0</i>	<i>66.4</i>	<i>45.7</i>	<i>77.7</i>	<i>63.0</i>	<i>66.5</i>	232.6	<i>241.7</i>	<i>253.0</i>
Demand															
Retail Sales ^e															
Residential.....	338.2	291.9	418.5	316.2	331.0	<i>332.6</i>	<i>385.7</i>	<i>331.4</i>	<i>343.4</i>	<i>339.6</i>	<i>389.2</i>	<i>337.7</i>	1364.8	<i>1380.6</i>	<i>1409.9</i>
Commercial ^f	292.0	305.6	359.1	308.5	297.0	<i>321.7</i>	<i>342.5</i>	<i>308.1</i>	<i>301.3</i>	<i>321.7</i>	<i>347.8</i>	<i>312.8</i>	1265.2	<i>1269.4</i>	<i>1283.5</i>
Industrial.....	245.5	256.4	266.3	253.1	243.6	<i>255.4</i>	<i>266.6</i>	<i>253.2</i>	<i>244.7</i>	<i>255.1</i>	<i>266.5</i>	<i>255.1</i>	1021.3	<i>1018.8</i>	<i>1021.5</i>
Transportation ^g ...	2.2	2.0	2.1	2.0	2.1	<i>1.8</i>	<i>1.9</i>	<i>1.8</i>	<i>2.0</i>	<i>1.8</i>	<i>1.9</i>	<i>1.9</i>	8.3	<i>7.6</i>	<i>7.6</i>
Subtotal.....	877.8	855.9	1045.9	879.9	873.7	<i>911.4</i>	<i>996.7</i>	<i>894.6</i>	<i>891.4</i>	<i>918.2</i>	<i>1005.5</i>	<i>907.5</i>	3659.5	<i>3676.4</i>	<i>3722.5</i>
Other Use/Sales ^h	42.8	42.6	46.2	39.1	40.0	<i>43.0</i>	<i>47.3</i>	<i>44.7</i>	<i>44.0</i>	<i>44.7</i>	<i>48.0</i>	<i>45.1</i>	170.6	<i>175.0</i>	<i>181.8</i>
Total Demand ...	920.6	898.5	1092.1	919.0	913.7	<i>954.5</i>	<i>1044.0</i>	<i>939.3</i>	<i>935.4</i>	<i>962.9</i>	<i>1053.4</i>	<i>952.6</i>	3830.2	<i>3851.4</i>	<i>3904.3</i>

^a Electric utilities and independent power producers.

^b "Other" includes generation from other gaseous fuels, geothermal, wind, wood, waste, and solar sources.

^c Electricity generation from combined heat and power (CHP) facilities and electricity-only plants in the industrial and commercial sectors.

^d Balancing item, mainly transmission and distribution losses.

^e Total of retail electricity sales by electric utilities and power marketers.

^f Commercial sector, including public street and highway lighting, interdepartmental sales and other sales to public authorities. These items, along with transportation sector; electricity were formerly included in an "other" category, which is no longer provided. (See EIA's *Monthly Energy Review*, Table 7.5, for a comparison of "Old Basis" and "New Basis" electricity retail sales.) Through 2003, data are estimated as the sum of "Old Basis Commercial" and approximately 95 percent of "Old Basis Other"; beginning in 2004, data are actual survey data.

^g Transportation sector, including sales to railroads and railways. Through 2003, data are estimated as approximately 5 percent of "Old Basis Other"; beginning in 2004, data are actual survey data.

^h Defined 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.

Notes: Minor discrepancies with other EIA published historical data are due to 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: EIA: latest data available from EIA databases supporting the following reports: *Electric Power Annual*, DOE/EIA-0226 and *Electric Power Monthly*, DOE/EIA-0226. Projections: EIA, Short-Term Integrated Forecasting System database, and Office of Coal, Nuclear, Electric and Alternate Fuels (hydroelectric and nuclear).

Table 10b. U.S. Regional^a Electricity Retail Sales: Base Case (Megawatthours per Day)

	2005				2006				2007				Year		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2005	2006	2007
Retail Sales^b															
Residential															
New England.....	141.1	116.3	148.1	127.8	135.4	133.4	150.1	130.1	134.7	131.4	151.0	131.6	133.3	137.3	137.2
Mid Atlantic.....	382.0	310.4	442.6	337.1	369.3	368.0	394.6	348.4	372.8	365.2	400.7	355.3	368.1	370.1	373.5
E. N. Central.....	552.9	454.5	639.5	491.6	534.6	495.1	568.6	517.7	521.5	512.2	552.7	552.9	534.7	529.1	535.0
W. N. Central.....	280.1	235.8	333.7	252.4	274.8	266.8	288.0	273.8	294.7	259.9	288.0	272.3	275.6	275.9	278.7
S. Atlantic.....	952.7	789.7	1156.8	860.0	924.0	952.3	1089.4	938.0	990.2	1028.8	1145.4	937.9	940.1	976.3	1025.8
E. S. Central.....	333.6	265.1	395.0	296.7	328.2	301.4	373.3	310.7	336.9	296.2	373.3	300.9	322.7	328.5	326.8
W. S. Central.....	460.3	474.0	720.7	467.1	442.0	541.1	670.4	489.3	451.1	530.0	647.2	493.9	531.1	536.2	531.0
Mountain.....	215.4	209.7	301.3	212.9	223.4	247.9	259.5	213.5	223.9	257.3	262.0	241.3	235.0	236.1	246.2
Pacific Contig.....	425.0	338.9	396.9	376.1	430.8	347.3	384.5	365.6	474.6	335.9	396.3	369.7	384.1	381.9	393.8
AK and HI.....	15.2	13.5	13.9	14.8	15.4	14.0	14.0	14.7	15.1	14.9	14.2	14.7	14.3	14.5	14.7
Total.....	3758.2	3207.9	4548.6	3436.5	3677.9	3667.3	4192.5	3601.8	3815.3	3731.7	4230.8	3670.5	3739.1	3785.8	3862.7
Commercial^c															
New England.....	143.7	139.9	160.7	142.3	146.4	149.1	158.3	144.2	148.1	150.3	164.3	148.4	146.7	149.5	152.8
Mid Atlantic.....	429.9	409.8	488.1	413.3	429.6	449.2	475.2	423.2	441.5	460.9	485.3	433.3	435.4	444.4	455.3
E. N. Central.....	470.5	484.9	541.0	474.9	485.3	492.4	521.5	477.0	487.7	497.0	521.9	479.1	493.0	494.1	496.4
W. N. Central.....	239.1	249.8	284.8	248.8	244.2	262.4	276.6	252.2	243.8	258.2	284.9	252.8	255.7	258.9	260.0
S. Atlantic.....	704.9	738.6	880.8	741.2	709.0	779.0	835.4	732.9	728.2	795.8	857.7	748.4	766.8	764.4	782.8
E. S. Central.....	206.0	217.7	261.6	216.4	206.5	228.9	249.5	217.4	213.8	230.8	253.4	219.8	225.5	225.7	229.5
W. S. Central.....	389.9	443.3	521.8	430.7	402.4	452.2	458.8	416.2	411.3	442.1	450.1	422.1	446.7	432.5	431.5
Mountain.....	217.1	230.5	265.3	227.8	225.7	243.3	262.1	232.4	228.7	244.3	267.9	238.4	235.3	240.9	244.9
Pacific Contig.....	426.4	427.5	481.8	440.7	433.6	442.4	467.8	435.6	426.5	437.0	475.6	438.2	444.2	444.9	444.4
AK and HI.....	16.4	16.3	17.0	17.4	17.2	17.1	18.0	18.4	18.3	18.5	19.1	19.4	16.8	17.7	18.8
Total.....	3243.9	3358.4	3902.9	3353.4	3299.8	3516.0	3723.2	3349.4	3347.7	3535.0	3780.2	3399.8	3466.2	3472.9	3516.5
Industrial															
New England.....	65.1	67.0	71.7	66.0	61.1	67.7	69.6	65.6	62.5	68.6	68.5	65.8	67.4	66.0	66.4
Mid Atlantic.....	213.4	215.5	227.4	213.6	210.5	215.4	224.4	215.5	213.4	222.9	221.4	214.9	217.5	216.5	218.2
E. N. Central.....	579.7	598.8	602.3	587.0	571.4	591.4	611.6	596.7	590.8	593.1	608.3	591.7	592.0	592.9	596.0
W. N. Central.....	207.5	221.8	235.5	229.2	224.8	219.2	223.2	215.7	211.2	223.3	226.8	209.4	223.6	220.7	217.7
S. Atlantic.....	457.5	480.8	497.3	465.7	452.8	471.1	474.9	443.2	438.1	461.9	478.9	450.5	475.4	460.5	457.4
E. S. Central.....	353.0	353.6	340.0	353.2	352.4	362.9	367.0	364.4	365.1	370.1	366.2	369.4	349.9	361.7	367.7
W. S. Central.....	427.8	437.7	441.5	405.9	403.6	434.5	456.7	424.4	406.6	427.8	454.1	428.2	428.2	429.9	429.3
Mountain.....	186.2	197.4	214.4	188.7	188.6	197.6	209.0	194.2	191.3	198.0	204.0	196.1	196.7	197.4	197.4
Pacific Contig.....	223.8	231.8	249.4	228.4	228.5	225.1	246.5	219.0	226.3	223.5	254.0	233.0	233.4	229.8	234.3
AK and HI.....	13.2	13.8	14.6	14.0	13.5	14.0	14.6	14.1	13.8	14.3	14.7	14.1	13.9	14.0	14.2
Total.....	2727.4	2818.0	2894.1	2751.6	2707.0	2798.9	2897.3	2752.6	2719.1	2803.4	2897.0	2772.9	2798.1	2789.4	2798.5
Transportation^d															
New England.....	2.1	1.7	1.8	1.8	1.7	1.5	1.6	1.6	1.8	1.6	1.7	1.7	1.8	1.6	1.7
Mid Atlantic.....	13.4	12.0	13.2	12.5	13.6	10.5	11.3	10.7	12.5	10.8	11.7	11.2	12.8	11.5	11.5
E. N. Central.....	1.9	1.5	1.5	1.7	1.9	1.4	1.5	1.5	1.7	1.4	1.5	1.5	1.6	1.5	1.5
W. N. Central.....	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
S. Atlantic.....	3.6	3.4	3.5	3.4	3.5	3.3	3.4	3.3	3.5	3.3	3.5	3.4	3.5	3.4	3.4
E. S. Central.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
W. S. Central.....	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2
Mountain.....	0.1	0.1	0.2	0.2	0.2	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1
Pacific Contig.....	2.4	2.4	2.5	2.4	2.4	2.3	2.4	2.3	2.4	2.3	2.4	2.3	2.5	2.4	2.3
AK and HI.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total.....	24.0	21.4	23.0	22.2	23.5	19.3	20.7	19.8	22.4	19.7	21.2	20.5	22.7	20.8	20.9
Total															
New England.....	352.0	324.9	382.3	337.8	344.6	351.7	379.6	341.5	347.0	351.9	385.5	347.5	349.3	354.4	358.1
Mid Atlantic.....	1038.8	947.7	1171.3	976.5	1023.0	1043.1	1105.6	997.8	1040.1	1059.8	1119.1	1014.7	1033.8	1042.5	1058.5
E. N. Central.....	1605.0	1539.7	1784.4	1555.1	1593.2	1580.3	1703.1	1592.8	1601.7	1603.6	1684.3	1625.3	1621.3	1617.6	1628.9
W. N. Central.....	726.8	707.5	854.2	730.6	743.9	748.3	787.9	741.7	749.8	741.4	799.7	734.5	755.0	755.5	756.4
S. Atlantic.....	2118.7	2012.5	2538.5	2070.3	2089.3	2205.7	2403.2	2117.4	2159.9	2289.9	2485.5	2140.0	2185.8	2204.5	2269.4
E. S. Central.....	892.6	836.4	996.6	866.3	887.1	893.2	989.8	892.5	915.7	897.1	992.9	890.1	898.2	915.9	924.1
W. S. Central.....	1278.4	1355.2	1684.2	1303.9	1248.1	1428.0	1586.1	1330.1	1269.2	1400.1	1551.7	1344.4	1406.3	1398.8	1392.0
Mountain.....	618.8	637.8	781.2	629.5	637.8	689.0	730.7	640.2	644.1	699.8	734.1	675.9	667.2	674.6	688.7
Pacific Contig.....	1077.7	1000.5	1130.6	1047.6	1095.3	1017.1	1101.2	1022.5	1129.7	998.7	1128.3	1043.2	1064.2	1058.9	1074.9
AK and HI.....	44.8	43.6	45.5	46.2	46.1	45.2	46.5	47.2	47.2	47.7	47.9	48.1	45.0	46.2	47.7
Total.....	9753.5	9405.8	11368.7	9563.8	9708.3	10001.6	10833.8	9723.6	9904.5	10089.9	10929.1	9863.7	10026.1	10068.9	10198.7

^a Regions refer to U.S. Census Divisions. A complete list of states comprising each Census Division is provided in EIA's Energy Glossary (<http://www.eia.doe.gov/glossary/>) under the letter "C."

Note: In this case, the Pacific division is subdivided into the Pacific Contiguous area (California, Oregon, and Washington) and the Pacific Noncontiguous area (Alaska and Hawaii).

^b Total of retail electricity sales by electric utilities and power marketers.

^c Commercial sector, including public street and highway lighting, interdepartmental sales and other sales to public authorities. These items, along with transportation sector; electricity were formerly included in an "other" category, which is no longer provided. (See EIA's *Monthly Energy Review*, Table 7.5, for a comparison of "Old Basis" and "New Basis" electricity retail sales.) Through 2003, data are estimated as the sum of "Old Basis Commercial" and approximately 95 percent of "Old Basis Other"; beginning in 2004, data are actual survey data.

^d Transportation sector, including sales to railroads and railways.

Notes: Minor discrepancies with other EIA published historical data are due to rounding. Historical data are printed in bold; estimates and forecasts are in italics.

Sources: Historical data: EIA: latest data available from EIA databases supporting the following reports: *Electric Power Annual*, DOE/EIA-0226 and *Electric Power Monthly*, DOE/EIA-0226. The forecasts were generated by simulation of the Regional Short-Term Energy Model.

Table 10c. U.S. Regional^a Electricity Prices: Base Case (Cents per Kilowatthour)

	2005				2006				2007				Year		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2005	2006	2007
Residential															
New England....	12.9	13.4	13.6	13.9	16.1	15.1	14.9	14.9	17.1	16.1	15.7	15.7	13.4	15.2	16.1
Mid Atlantic	11.4	12.4	13.3	12.9	12.5	13.3	14.2	13.1	13.5	14.5	15.2	13.9	12.5	13.3	14.3
E. N. Central	7.9	8.7	8.8	8.3	8.6	9.4	8.6	8.7	8.8	9.7	9.0	9.1	8.4	8.8	9.1
W. N. Central ...	7.0	8.2	8.5	7.5	7.4	8.6	8.8	7.6	7.5	8.7	8.9	7.7	7.8	8.1	8.2
S. Atlantic.....	8.3	8.9	9.2	8.9	9.2	9.5	9.3	9.0	9.4	9.5	9.6	9.3	8.8	9.2	9.5
E. S. Central....	6.9	7.6	7.5	7.8	7.6	8.5	8.3	8.6	7.7	8.6	8.3	8.7	7.4	8.3	8.3
W. S. Central....	8.7	9.9	10.5	10.6	10.7	10.8	12.8	10.5	10.9	11.2	12.6	10.6	10.0	11.3	11.4
Mountain	8.0	8.9	9.0	8.6	8.4	9.8	9.6	9.3	9.2	9.3	9.5	9.5	8.7	9.3	9.4
Pacific	9.4	10.2	10.9	9.9	10.5	11.5	12.3	11.1	10.9	11.9	12.4	11.3	10.1	11.3	11.6
Total.....	8.7	9.5	9.9	9.6	9.7	10.3	10.6	9.9	10.1	10.6	10.9	10.2	9.4	10.2	10.5
Commercial															
New England....	11.5	11.8	12.5	12.5	14.7	13.0	12.3	12.6	14.9	13.2	12.8	12.9	12.1	13.1	13.4
Mid Atlantic	10.2	11.2	12.3	11.6	10.9	11.3	13.7	12.1	11.2	11.6	13.7	12.2	11.4	12.0	12.2
E. N. Central	7.4	7.8	8.0	7.9	7.9	7.9	8.2	7.8	8.1	8.1	8.3	7.9	7.8	8.0	8.1
W. N. Central ...	5.8	6.5	6.9	6.1	6.2	6.7	7.2	6.2	6.3	6.8	7.3	6.3	6.4	6.6	6.7
S. Atlantic.....	7.4	7.5	7.8	7.8	8.3	8.5	8.7	8.7	8.5	8.6	8.9	8.9	7.6	8.6	8.7
E. S. Central....	6.9	7.2	7.2	7.6	7.7	7.5	7.5	8.2	7.7	8.2	8.1	8.6	7.2	7.7	8.2
W. S. Central....	7.6	8.0	8.8	9.2	9.1	8.3	8.6	9.1	9.2	8.5	8.8	9.3	8.5	8.8	8.9
Mountain	7.0	7.6	7.7	7.6	7.3	8.2	8.4	8.0	7.5	8.4	8.5	8.2	7.5	8.0	8.1
Pacific	9.6	10.6	11.9	10.1	10.1	11.3	12.6	11.7	10.3	11.5	12.9	12.0	10.6	11.5	11.7
Total.....	8.2	8.6	9.2	8.9	9.0	9.1	9.8	9.4	9.2	9.3	10.0	9.6	8.7	9.3	9.5
Industrial															
New England....	8.3	8.1	8.4	8.8	10.3	8.7	8.3	8.5	10.5	8.9	8.5	8.7	8.4	8.9	9.1
Mid Atlantic	6.3	6.5	7.3	7.0	7.1	7.2	7.3	6.9	7.3	7.3	7.4	7.0	6.8	7.1	7.3
E. N. Central	4.6	4.8	5.1	4.9	5.2	5.0	5.2	4.9	5.3	5.1	5.3	5.0	4.9	5.1	5.2
W. N. Central ...	4.4	4.8	5.2	4.5	4.6	5.2	6.1	4.7	4.8	5.3	6.1	4.7	4.7	5.2	5.3
S. Atlantic.....	4.7	4.8	5.4	5.2	5.1	5.6	6.9	5.8	5.4	5.8	6.8	5.8	5.1	5.9	6.0
E. S. Central....	3.9	4.3	4.9	4.5	4.4	4.5	5.2	4.8	4.3	5.0	5.5	5.0	4.4	4.7	5.0
W. S. Central....	5.7	6.1	7.0	7.6	7.2	6.4	7.6	7.7	7.3	7.2	7.8	7.9	6.6	7.2	7.5
Mountain	4.9	5.3	5.8	5.5	5.2	5.6	6.4	5.4	5.4	5.9	6.5	5.5	5.4	5.7	5.8
Pacific	6.2	6.5	7.2	6.8	6.6	7.6	7.1	6.9	6.6	7.9	7.3	7.1	6.7	7.1	7.2
Total.....	5.1	5.4	6.0	5.8	5.8	5.8	6.5	5.9	5.9	6.1	6.6	6.1	5.6	6.0	6.2
Total															
New England....	11.5	11.6	12.2	12.3	14.5	13.0	12.6	12.7	14.9	13.4	13.2	13.2	11.9	13.2	13.7
Mid Atlantic	9.8	10.5	11.7	11.0	10.7	11.1	12.6	11.3	11.2	11.7	13.0	11.7	10.8	11.5	11.9
E. N. Central	6.6	6.9	7.3	6.9	7.2	7.3	7.2	7.0	7.3	7.5	7.4	7.2	6.9	7.2	7.4
W. N. Central ...	5.8	6.5	7.1	6.1	6.2	6.9	7.5	6.3	6.3	7.0	7.5	6.4	6.4	6.7	6.8
S. Atlantic.....	7.2	7.4	8.0	7.7	8.0	8.3	8.6	8.2	8.3	8.4	8.8	8.4	7.6	8.3	8.5
E. S. Central....	5.7	6.1	6.5	6.4	6.3	6.6	7.0	6.9	6.4	7.0	7.3	7.1	6.2	6.7	6.9
W. S. Central....	7.3	8.1	9.1	9.2	9.0	8.7	10.1	9.2	9.2	9.1	10.1	9.3	8.5	9.3	9.5
Mountain	6.7	7.3	7.7	7.3	7.1	8.0	8.3	7.7	7.4	8.0	8.3	7.9	7.3	7.8	7.9
Pacific	8.8	9.5	10.5	9.3	9.5	10.5	11.3	10.5	9.8	10.8	11.5	10.6	9.6	10.5	10.7
Total.....	7.5	7.9	8.6	8.2	8.3	8.6	9.2	8.6	8.6	8.9	9.4	8.8	8.1	8.7	8.9

^a Regions refer to U.S. Census Divisions. A complete list of states comprising each Census Division is provided in EIA's Energy Glossary (<http://www.eia.doe.gov/glossary/>) under the letter "C."

Sources: Historical data: EIA; latest data available from EIA databases supporting the following report: *Electric Power Monthly*, DOE/EIA-0226. The survey includes electric utilities and energy service providers. The forecasts were generated by simulation of the Regional Short-Term Energy Model.

Table 10d. U.S. Electricity Generation by Sector: Base Case

(Billion Kilowatthours)

	2005				2006				2007				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2005	2006	2007
Electricity Generation by Sector															
Electric Power ^a															
Coal	491.9	466.7	539.8	494.1	482.4	<i>487.1</i>	<i>514.5</i>	<i>515.7</i>	<i>490.5</i>	<i>493.1</i>	<i>520.9</i>	<i>520.4</i>	1992.5	<i>1999.7</i>	<i>2024.9</i>
Petroleum	25.8	22.9	38.3	28.8	13.8	<i>21.2</i>	<i>25.5</i>	<i>19.8</i>	<i>24.1</i>	<i>25.3</i>	<i>30.0</i>	<i>21.5</i>	115.8	<i>80.3</i>	<i>100.9</i>
Natural Gas.....	129.1	161.7	244.3	139.9	124.3	<i>190.0</i>	<i>219.6</i>	<i>149.3</i>	<i>129.8</i>	<i>182.1</i>	<i>217.4</i>	<i>151.7</i>	675.1	<i>683.2</i>	<i>681.0</i>
Other ^b	272.4	273.8	285.9	268.0	289.2	<i>287.7</i>	<i>293.5</i>	<i>275.0</i>	<i>293.3</i>	<i>297.7</i>	<i>299.9</i>	<i>281.6</i>	1100.0	<i>1145.4</i>	<i>1172.5</i>
Subtotal.....	919.2	925.2	1108.2	930.8	909.7	<i>985.9</i>	<i>1053.1</i>	<i>959.8</i>	<i>937.7</i>	<i>998.1</i>	<i>1068.2</i>	<i>975.2</i>	3883.4	<i>3908.6</i>	<i>3979.2</i>
Commercial															
Coal	0.3	0.3	0.4	0.3	0.3	<i>0.3</i>	<i>0.4</i>	<i>0.3</i>	<i>0.3</i>	<i>0.3</i>	<i>0.4</i>	<i>0.3</i>	1.3	<i>1.3</i>	<i>1.3</i>
Petroleum	0.1	0.1	0.1	0.1	0.1	<i>0.5</i>	<i>0.9</i>	<i>0.9</i>	<i>0.7</i>	<i>0.7</i>	<i>0.9</i>	<i>0.9</i>	0.4	<i>2.3</i>	<i>3.1</i>
Natural Gas.....	1.0	1.0	1.2	0.9	0.8	<i>1.0</i>	<i>1.2</i>	<i>0.9</i>	<i>0.9</i>	<i>0.9</i>	<i>1.2</i>	<i>0.9</i>	4.0	<i>3.9</i>	<i>3.9</i>
Other ^b	0.6	0.6	0.6	0.6	0.6	<i>0.2</i>	<i>-0.2</i>	<i>-0.2</i>	<i>0.0</i>	<i>0.0</i>	<i>-0.2</i>	<i>-0.2</i>	2.5	<i>0.4</i>	<i>-0.4</i>
Subtotal.....	2.1	2.0	2.3	1.9	1.8	<i>2.0</i>	<i>2.2</i>	<i>2.0</i>	<i>1.9</i>	<i>1.9</i>	<i>2.2</i>	<i>1.9</i>	8.2	<i>8.0</i>	<i>7.9</i>
Industrial															
Coal	5.1	4.8	5.3	5.1	5.1	<i>4.9</i>	<i>5.4</i>	<i>5.9</i>	<i>5.6</i>	<i>5.1</i>	<i>5.5</i>	<i>6.0</i>	20.3	<i>21.3</i>	<i>22.2</i>
Petroleum	1.6	1.3	1.5	1.4	1.2	<i>1.1</i>	<i>1.5</i>	<i>1.6</i>	<i>1.3</i>	<i>1.4</i>	<i>1.5</i>	<i>1.6</i>	5.7	<i>5.3</i>	<i>5.7</i>
Natural Gas.....	17.9	18.4	20.5	15.7	16.3	<i>19.0</i>	<i>21.0</i>	<i>18.0</i>	<i>18.0</i>	<i>19.4</i>	<i>21.3</i>	<i>18.2</i>	72.4	<i>74.3</i>	<i>76.9</i>
Other ^b	12.1	12.1	12.3	11.3	11.9	<i>12.6</i>	<i>12.7</i>	<i>13.0</i>	<i>13.1</i>	<i>12.8</i>	<i>12.9</i>	<i>13.2</i>	47.9	<i>50.2</i>	<i>51.9</i>
Subtotal.....	36.7	36.6	39.6	33.5	34.4	<i>37.6</i>	<i>40.6</i>	<i>38.6</i>	<i>38.0</i>	<i>38.6</i>	<i>41.2</i>	<i>38.9</i>	146.3	<i>151.2</i>	<i>156.8</i>
Total.....	957.9	963.8	1150.0	966.2	945.9	<i>1024.9</i>	<i>1096.0</i>	<i>1000.3</i>	<i>977.6</i>	<i>1038.6</i>	<i>1111.6</i>	<i>1016.1</i>	4038.0	<i>4067.1</i>	<i>4143.9</i>

^a Electric utilities and independent power producers.

^b "Other" includes nuclear, hydroelectric, geothermal, wood, waste, wind and solar power sources.

Note: Commercial and industrial categories include electricity output from combined heat and power (CHP) facilities and some electric-only plants.

Notes: Minor discrepancies with other EIA published historical data are due to 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: EIA; latest data available from EIA databases supporting the following report: *Electric Power Monthly*, DOE/EIA-0226.

Projections: EIA, Short-Term Integrated Forecasting System database, and Office of Coal, Nuclear, Electric and Alternate Fuels (hydroelectric and nuclear).

Table 10e. U.S. Fuel Consumption for Electricity Generation by Sector: Base Case

	2005				2006				2007				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2005	2006	2007
(Quadrillion Btu)															
Electric Power ^a															
Coal.....	5.11	4.84	5.64	5.14	5.01	<i>5.08</i>	<i>5.37</i>	<i>5.40</i>	<i>5.11</i>	<i>5.15</i>	<i>5.43</i>	<i>5.44</i>	20.73	<i>20.85</i>	<i>21.13</i>
Petroleum.....	0.28	0.25	0.41	0.31	0.15	<i>0.22</i>	<i>0.27</i>	<i>0.21</i>	<i>0.25</i>	<i>0.26</i>	<i>0.31</i>	<i>0.23</i>	1.24	<i>0.85</i>	<i>1.05</i>
Natural Gas.....	1.09	1.40	2.14	1.19	1.05	<i>1.64</i>	<i>1.91</i>	<i>1.26</i>	<i>1.10</i>	<i>1.56</i>	<i>1.89</i>	<i>1.27</i>	5.82	<i>5.86</i>	<i>5.82</i>
Other ^b	2.91	2.92	3.05	2.87	3.08	<i>3.06</i>	<i>3.13</i>	<i>2.94</i>	<i>3.13</i>	<i>3.17</i>	<i>3.20</i>	<i>3.01</i>	11.76	<i>12.20</i>	<i>12.50</i>
Subtotal.....	9.39	9.41	11.24	9.51	9.29	<i>9.99</i>	<i>10.69</i>	<i>9.80</i>	<i>9.58</i>	<i>10.14</i>	<i>10.84</i>	<i>9.95</i>	39.55	<i>39.77</i>	<i>40.51</i>
Commercial															
Coal.....	0.00	0.00	0.00	0.00	0.00	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	0.02	<i>0.02</i>	<i>0.02</i>
Petroleum.....	0.00	0.00	0.00	0.00	0.00	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	0.01	<i>0.00</i>	<i>0.01</i>
Natural Gas.....	0.01	0.01	0.01	0.01	0.01	<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	0.05	<i>0.05</i>	<i>0.04</i>
Other ^b	0.01	0.01	0.01	0.01	0.01	<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	0.03	<i>0.04</i>	<i>0.04</i>
Subtotal.....	0.02	0.02	0.03	0.02	0.02	<i>0.03</i>	<i>0.03</i>	<i>0.03</i>	<i>0.03</i>	<i>0.03</i>	<i>0.03</i>	<i>0.03</i>	0.10	<i>0.11</i>	<i>0.11</i>
Industrial															
Coal.....	0.07	0.06	0.07	0.07	0.07	<i>0.07</i>	<i>0.07</i>	<i>0.08</i>	<i>0.07</i>	<i>0.07</i>	<i>0.07</i>	<i>0.08</i>	0.27	<i>0.28</i>	<i>0.30</i>
Petroleum.....	0.02	0.02	0.02	0.02	0.02	<i>0.02</i>	<i>0.02</i>	<i>0.02</i>	<i>0.02</i>	<i>0.02</i>	<i>0.02</i>	<i>0.02</i>	0.08	<i>0.08</i>	<i>0.08</i>
Natural Gas.....	0.19	0.20	0.21	0.16	0.17	<i>0.20</i>	<i>0.22</i>	<i>0.19</i>	<i>0.19</i>	<i>0.20</i>	<i>0.22</i>	<i>0.19</i>	0.76	<i>0.77</i>	<i>0.80</i>
Other ^b	0.18	0.17	0.17	0.16	0.18	<i>0.18</i>	<i>0.18</i>	<i>0.19</i>	<i>0.19</i>	<i>0.18</i>	<i>0.18</i>	<i>0.19</i>	0.69	<i>0.72</i>	<i>0.73</i>
Subtotal.....	0.47	0.45	0.48	0.41	0.43	<i>0.46</i>	<i>0.49</i>	<i>0.47</i>	<i>0.46</i>	<i>0.47</i>	<i>0.50</i>	<i>0.48</i>	1.80	<i>1.85</i>	<i>1.91</i>
Total.....	9.88	9.88	11.75	9.94	9.74	<i>10.48</i>	<i>11.21</i>	<i>10.30</i>	<i>10.07</i>	<i>10.63</i>	<i>11.37</i>	<i>10.45</i>	41.45	<i>41.73</i>	<i>42.52</i>
(Physical Units)															
Electric Power ^a															
Coal (mmst)	256.0	242.4	282.3	257.7	250.8	<i>254.4</i>	<i>268.9</i>	<i>270.3</i>	<i>255.9</i>	<i>257.8</i>	<i>272.1</i>	<i>272.7</i>	2.84	<i>2.86</i>	<i>2.90</i>
Petroleum (mmbd) ..	0.50	0.44	0.72	0.54	0.28	<i>0.37</i>	<i>0.48</i>	<i>0.37</i>	<i>0.45</i>	<i>0.46</i>	<i>0.55</i>	<i>0.39</i>	0.55	<i>0.38</i>	<i>0.47</i>
Natural Gas (tcf).....	1.06	1.37	2.09	1.16	1.02	<i>1.60</i>	<i>1.87</i>	<i>1.22</i>	<i>1.07</i>	<i>1.52</i>	<i>1.85</i>	<i>1.24</i>	5.68	<i>5.71</i>	<i>5.68</i>
Commercial															
Coal (mmst)	0.19	0.18	0.20	0.18	0.19	<i>0.17</i>	<i>0.20</i>	<i>0.19</i>	<i>0.19</i>	<i>0.16</i>	<i>0.20</i>	<i>0.19</i>	0.00	<i>0.00</i>	<i>0.00</i>
Petroleum (mmbd) ..	0.00	0.00	0.00	0.00	0.00	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	0.00	<i>0.00</i>	<i>0.00</i>
Natural Gas (tcf).....	0.01	0.01	0.01	0.01	0.01	<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	0.05	<i>0.04</i>	<i>0.04</i>
Industrial															
Coal (mmst)	3.07	2.89	3.09	3.03	3.02	<i>2.90</i>	<i>3.21</i>	<i>3.52</i>	<i>3.30</i>	<i>3.04</i>	<i>3.26</i>	<i>3.55</i>	12.08	<i>12.64</i>	<i>13.16</i>
Petroleum (mmbd) ..	0.04	0.03	0.04	0.03	0.03	<i>0.03</i>	<i>0.04</i>	<i>0.04</i>	<i>0.03</i>	<i>0.04</i>	<i>0.04</i>	<i>0.04</i>	0.04	<i>0.03</i>	<i>0.04</i>
Natural Gas (tcf).....	0.19	0.19	0.21	0.16	0.16	<i>0.19</i>	<i>0.21</i>	<i>0.18</i>	<i>0.18</i>	<i>0.20</i>	<i>0.22</i>	<i>0.18</i>	0.74	<i>0.75</i>	<i>0.77</i>

^a Electric utilities and independent power producers.

^b "Other" includes other gaseous fuels, nuclear, hydroelectric, geothermal, wood, waste, wind and solar power sources.

Note: Commercial and industrial categories include electricity output from combined heat and power (CHP) facilities and some electric-only plants.

Notes: Minor discrepancies with other EIA published historical data are due to 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: EIA: latest data available from EIA databases supporting the following report: *Electric Power Monthly*, DOE/EIA-0226. Projections: EIA, Short-Term Integrated Forecasting System database, and Office of Coal, Nuclear, Electric and Alternate Fuels (hydroelectric and nuclear).

Physical Units: mmst = million short tons; mmbd = million barrels per day; tcf = trillion cubic feet.

Table 11. U.S. Renewable Energy Use by Sector: Base Case
(Quadrillion Btu)

	Year				Annual Percentage Change		
	2004	2005	2006	2007	2004-2005	2005-2006	2006-2007
Electricity Sector							
Hydroelectric Power ^a	2.679	2.647	<i>2.924</i>	<i>2.979</i>	-1.2	<i>10.5</i>	<i>1.9</i>
Geothermal, Solar and Wind Energy	0.460	0.471	<i>0.524</i>	<i>0.605</i>	2.4	<i>11.3</i>	<i>15.5</i>
Biofuels ^b	0.510	0.531	<i>0.534</i>	<i>0.543</i>	4.1	<i>0.6</i>	<i>1.7</i>
Total	3.649	3.649	<i>3.982</i>	<i>4.127</i>	0.0	<i>9.1</i>	<i>3.6</i>
Other Sectors ^c							
Residential and Commercial ^d	0.513	0.527	<i>0.528</i>	<i>0.539</i>	2.7	<i>0.2</i>	<i>2.1</i>
Residential	0.408	0.421	<i>0.415</i>	<i>0.422</i>	3.2	<i>-1.4</i>	<i>1.7</i>
Commercial	0.106	0.106	<i>0.113</i>	<i>0.117</i>	0.0	<i>6.6</i>	<i>3.5</i>
Industrial ^e	1.676	1.633	<i>1.565</i>	<i>1.505</i>	-2.6	<i>-4.2</i>	<i>-3.8</i>
Transportation ^f	0.296	0.340	<i>0.410</i>	<i>0.524</i>	14.9	<i>20.6</i>	<i>27.8</i>
Total	2.485	2.499	<i>2.503</i>	<i>2.568</i>	0.6	<i>0.2</i>	<i>2.6</i>
Total Renewable Energy Demand	6.134	6.148	<i>6.485</i>	<i>6.695</i>	0.2	<i>5.5</i>	<i>3.2</i>

^a Conventional hydroelectric power only. Hydroelectricity generated by pumped storage is not included in renewable energy.

^b Biofuels are fuelwood, wood byproducts, waste wood, municipal solid waste, manufacturing process waste, and alcohol fuels.

^c Renewable 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.

^d Includes biofuels and solar energy consumed in the residential and commercial sectors.

^e Consists primarily of biofuels for use other than in electricity cogeneration.

^f Ethanol blended into gasoline.

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: EIA: latest data available from EIA databases supporting the following reports: *Electric Power Monthly*, DOE/EIA-0226 and *Renewable Energy Annual*, DOE/EIA-0603. Projections: EIA, Short-Term Integrated Forecasting System database, and Office of Coal, Nuclear, Electric and Alternate Fuels.

Table A1. Annual U.S. Energy Supply and Demand: Base Case

	Year														
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Real Gross Domestic Product (GDP) (billion chained 2000 dollars)	7533	7835	8032	8329	8704	9067	9470	9817	9891	10049	10321	10756	11135	<i>11515</i>	<i>11793</i>
Imported Crude Oil Price ^a (nominal dollars per barrel)	16.13	15.53	17.14	20.62	18.49	12.07	17.26	27.72	22.00	23.71	27.73	35.99	48.96	<i>61.58</i>	<i>61.41</i>
Petroleum Supply															
Crude Oil Production ^b (million barrels per day).....	6.85	6.66	6.56	6.46	6.45	6.25	5.88	5.82	5.80	5.75	5.68	5.42	5.12	<i>5.24</i>	<i>5.59</i>
Total Petroleum Net Imports (including SPR) (million barrels per day)	7.62	8.05	7.89	8.50	9.16	9.76	9.91	10.42	10.90	10.54	11.24	12.10	12.35	<i>12.22</i>	<i>12.20</i>
Energy Demand															
Petroleum (million barrels per day)	17.24	17.72	17.72	18.31	18.62	18.92	19.52	19.70	19.65	19.76	20.03	20.73	20.66	<i>20.74</i>	<i>21.18</i>
Natural Gas (trillion cubic feet).....	20.79	21.25	22.21	22.60	22.73	22.25	22.41	23.45	22.24	23.01	22.28	22.43	21.93	<i>21.57</i>	<i>22.48</i>
Coal (million short tons)	944	951	962	1006	1030	1037	1039	1084	1060	1066	1095	1107	1128	<i>1134</i>	<i>1151</i>
Electricity (billion kilowatthours)															
Retail Sales ^c	2861	2935	3013	3101	3146	3264	3312	3421	3382	3466	3489	3548	3660	<i>3676</i>	<i>3723</i>
Other Use/Sales ^d	128	134	144	146	148	161	183	181	173	177	179	179	171	<i>175</i>	<i>182</i>
Total	2989	3069	3157	3247	3294	3425	3495	3603	3555	3643	3668	3727	3830	<i>3851</i>	<i>3904</i>
Total Energy Demand ^e (quadrillion Btu)	87.6	89.3	91.3	94.3	94.8	95.2	96.8	99.0	96.5	97.9	98.3	99.7	99.3	<i>99.4</i>	<i>101.8</i>
Total Energy Demand per Dollar of GDP (thousand Btu per 2000 Dollar).....	11.63	11.39	11.36	11.32	10.89	10.50	10.23	10.10	9.75	9.74	9.53	9.27	8.92	<i>8.63</i>	<i>8.63</i>

^a Refers to the imported cost of crude oil to U.S. refiners.

^b Includes lease condensate.

^c Total 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.

^d Defined 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.

^e "Total Energy Demand" refers to the aggregate energy concept presented in EIA's *Annual Energy Review*, DOE/EIA-0384 (*AER*), Table 1.1. The conversion from physical units to Btu is calculated using a subset of conversion factors used in the calculations performed for gross energy consumption in EIA, *Monthly Energy Review (MER)*. Consequently, the historical data may not precisely match those published in the *MER* or the *AER*.

Notes: SPR: Strategic Petroleum Reserve. Minor discrepancies with other published EIA historical data are due to independent rounding. Historical data are printed in bold; forecasts are in italics. The forecasts were generated by simulation of the Regional Short-Term Energy Model.

Sources: Historical data: Latest data available from Bureau of Economic Analysis; EIA; 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; *Quarterly Coal Report*, DOE/EIA-0121; *International Petroleum Monthly*, DOE/EIA-520, and *Weekly Petroleum Status Report* DOE/EIA-0208. Macroeconomic projections are based on Global Insight Model of the U.S. Economy, June 2006.

Table A2. Annual U.S. Macroeconomic and Weather Indicators: Base Case

	Year														
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Macroeconomic															
Real Gross Domestic Product (billion chained 2000 dollars).....	7533	7835	8032	8329	8704	9067	9470	9817	9891	10049	10321	10756	11135	<i>11515</i>	<i>11793</i>
GDP Implicit Price Deflator (Index, 2000=100).....	88.4	90.3	92.1	93.9	95.4	96.5	97.9	100.0	102.4	104.2	106.3	109.1	112.2	<i>115.5</i>	<i>118.0</i>
Real Disposable Personal Income (billion chained 2000 Dollars).....	5594	5746	5906	6081	6296	6664	6862	7194	7333	7562	7742	8004	8113	<i>8319</i>	<i>8613</i>
Manufacturing Production (Index, 1997=100).....	69.1	73.5	77.6	81.4	88.3	94.2	99.3	104.0	99.7	100.0	100.7	105.8	109.9	<i>115.8</i>	<i>118.6</i>
Real Fixed Investment (billion chained 2000 dollars).....	953	1042	1110	1209	1321	1455	1576	1679	1629	1545	1600	1755	1897	<i>2011</i>	<i>2028</i>
Business Inventory Change (billion chained 2000 dollars).....	3.4	11.5	13.4	9.7	20.7	18.6	17.0	7.9	-21.3	-5.9	-7.6	6.1	3.7	<i>11.3</i>	<i>4.3</i>
Producer Price Index (index, 1982=1.000).....	1.189	1.205	1.248	1.277	1.276	1.244	1.255	1.328	1.342	1.311	1.381	1.467	1.574	<i>1.643</i>	<i>1.677</i>
Consumer Price Index (index, 1982-1984=1.000).....	1.445	1.482	1.524	1.569	1.605	1.630	1.666	1.722	1.770	1.799	1.840	1.889	1.953	<i>2.013</i>	<i>2.056</i>
Petroleum Product Price Index (index, 1982=1.000).....	0.620	0.591	0.608	0.701	0.680	0.513	0.609	0.913	0.853	0.795	0.977	1.199	1.651	<i>1.919</i>	<i>1.903</i>
Non-Farm Employment (millions).....	110.8	114.3	117.3	119.7	122.8	125.9	129.0	131.8	131.8	130.3	130.0	131.4	133.5	<i>135.5</i>	<i>137.2</i>
Commercial Employment (millions).....	68.1	70.6	73.1	75.1	77.6	80.0	82.5	84.6	85.1	84.6	85.0	86.3	87.8	<i>89.3</i>	<i>90.7</i>
Total Industrial Production (index, 1997=100.0).....	72.6	76.5	80.2	83.6	89.7	94.9	99.3	103.5	99.9	100.0	100.6	104.7	108.1	<i>112.8</i>	<i>115.4</i>
Housing Stock (millions).....	104.4	106.0	107.2	108.7	110.2	111.9	113.0	114.0	115.2	116.3	117.6	119.1	120.5	<i>122.0</i>	<i>123.3</i>
Weather ^a															
Heating Degree-Days															
U.S.....	4671	4470	4516	4689	4525	3946	4154	4447	4193	4272	4459	4289	4315	<i>4083</i>	<i>4432</i>
New England.....	6803	6748	6632	6749	6726	5743	6013	6584	6112	6098	6847	6612	6550	<i>6183</i>	<i>6560</i>
Middle Atlantic.....	6039	6083	5967	6118	5942	4924	5495	5942	5438	5371	6097	5749	5804	<i>5341</i>	<i>5855</i>
U.S. Gas-Weighted.....	5062	4861	4905	5092	4911	4271	4510	4796	4534	4635	4828	4641	4660	<i>4401</i>	<i>4753</i>
Cooling Degree-Days (U.S.).....	1251	1254	1322	1216	1195	1438	1328	1268	1288	1398	1292	1232	1395	<i>1315</i>	<i>1238</i>

^a Population-weighted degree-days. A degree-day indicates the temperature variation from 65 degrees Fahrenheit (calculated as the simple average of the daily minimum and maximum temperatures) weighted by 2000 population.

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

Sources: Historical data: latest data available from: U.S. Department of Commerce, Bureau of Economic Analysis; U.S. Department of Commerce, National Oceanic and Atmospheric Administration (NOAA); Federal Reserve System, Statistical Release G.17; U.S. Department of Transportation; American Iron and Steel Institute. Macroeconomic projections are based on Global Insight Model of the U.S. Economy June 2006. Degree-day projections are from NOAA's Climate Prediction Center.

Table A3. U.S. Energy Supply and Demand: Base Case
(Quadrillion Btu except where noted)

	Year														
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Production															
Coal	20.25	22.11	22.03	22.68	23.21	23.94	23.19	22.62	23.49	22.62	21.97	22.70	23.13	23.36	23.63
Natural Gas.....	18.58	19.35	19.08	19.27	19.32	19.61	19.34	19.66	20.20	19.44	19.69	19.32	18.79	18.91	19.12
Crude Oil.....	14.49	14.10	13.89	13.72	13.66	13.24	12.45	12.36	12.28	12.16	12.03	11.50	10.84	11.09	11.84
Natural Gas Liquids	2.41	2.39	2.44	2.53	2.50	2.42	2.53	2.61	2.55	2.56	2.35	2.47	2.32	2.37	2.42
Nuclear	6.41	6.69	7.08	7.09	6.60	7.07	7.61	7.86	8.03	8.14	7.96	8.23	8.15	8.23	8.36
Hydroelectric.....	2.85	2.65	3.18	3.56	3.60	3.25	3.21	2.75	2.15	2.60	2.74	2.65	2.62	2.90	2.96
Other Renewables.....	3.26	3.38	3.46	3.55	3.43	3.26	3.33	3.35	3.09	3.15	3.26	3.40	3.46	3.50	3.67
Total.....	68.26	70.68	71.16	72.40	72.31	72.79	71.65	71.22	71.79	70.67	69.98	70.27	69.31	70.36	72.01
Net Imports															
Coal	-1.76	-1.66	-2.08	-2.17	-2.01	-1.87	-1.30	-1.21	-0.77	-0.61	-0.49	-0.57	-0.54	-0.32	-0.34
Natural Gas.....	2.25	2.52	2.74	2.85	2.90	3.06	3.50	3.62	3.69	3.58	3.36	3.49	3.69	3.40	3.79
Crude Oil.....	13.46	12.42	13.60	14.58	15.71	15.30	16.40	17.50	18.49	18.85	19.81	20.74	20.58	20.61	20.71
Petroleum Products	1.84	1.80	1.36	1.82	1.55	1.59	1.82	2.14	2.44	2.33	2.57	3.10	3.54	3.07	3.04
Electricity	0.09	0.15	0.13	0.14	0.12	0.09	0.10	0.12	0.08	0.07	0.02	0.04	0.08	0.09	0.05
Coal Coke.....	0.03	0.06	0.06	0.02	0.05	0.07	0.06	0.07	0.03	0.06	0.05	0.14	0.04	0.06	0.06
Total.....	15.91	15.29	15.82	17.24	18.32	18.24	20.59	22.23	23.96	24.28	25.32	26.94	27.40	26.90	27.31
Adjustments ^a	1.78	1.61	2.27	1.59	3.59	3.70	2.91	3.33	3.15	1.42	2.73	0.95	1.05	0.54	0.87
Demand															
Coal	19.84	19.91	20.09	21.00	21.45	21.66	21.62	22.58	21.94	22.22	22.81	22.47	22.88	23.01	23.33
Natural Gas.....	20.84	21.35	21.84	22.78	23.20	23.33	22.94	23.01	23.92	22.91	23.66	22.51	22.01	21.63	22.54
Petroleum	33.83	34.66	34.56	35.76	36.27	36.93	37.96	38.40	38.33	38.41	39.06	40.61	40.44	40.44	41.38
Nuclear	6.41	6.69	7.08	7.09	6.60	7.07	7.61	7.86	8.03	8.14	7.96	8.23	8.15	8.23	8.36
Other.....	5.04	4.96	5.69	4.59	6.72	5.74	5.02	4.92	6.68	4.70	4.54	4.34	4.28	4.49	4.59
Total.....	85.95	87.58	89.25	91.22	94.22	94.73	95.15	96.77	98.91	96.38	98.03	98.16	97.76	97.81	100.20

^a Balancing item, includes stock changes, losses, gains, miscellaneous blending components, and unaccounted-for supply.

Sources: Historical data: *Annual Energy Review*, DOE/EIA-0384; projections generated by simulation of the Regional Short-Term Energy Model.

Table A4. Annual Average U.S. Energy Prices: Base Case
(Nominal Dollars)

	Year														
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Crude Oil Prices (dollars per barrel)															
Imported Average ^a	16.13	15.53	17.14	20.62	18.49	12.07	17.26	27.72	22.00	23.71	27.73	35.99	48.96	<i>61.58</i>	<i>61.41</i>
WTI ^b Spot Average.....	18.49	17.16	18.41	22.11	20.61	14.45	19.25	30.29	25.95	26.12	31.12	41.44	56.49	<i>69.13</i>	<i>68.92</i>
Natural Gas (dollars per thousand cubic feet)															
Average Wellhead.....	2.04	1.85	1.55	2.17	2.32	1.96	2.19	3.70	4.01	2.95	4.89	5.45	7.45	<i>6.98</i>	<i>7.42</i>
Henry Hub Spot	2.19	1.97	1.74	2.84	2.57	2.15	2.34	4.45	4.08	3.46	5.64	6.08	8.86	<i>7.61</i>	<i>8.13</i>
Petroleum Products															
Gasoline Retail ^c (dollars per gallon)															
All Grades	1.13	1.13	1.16	1.25	1.24	1.07	1.18	1.53	1.47	1.39	1.60	1.89	2.31	<i>2.72</i>	<i>2.65</i>
Regular Unleaded.....	1.07	1.07	1.11	1.20	1.20	1.03	1.13	1.49	1.43	1.34	1.56	1.85	2.27	<i>2.67</i>	<i>2.60</i>
No. 2 Diesel Oil, Retail (dollars per gallon)															
	1.11	1.11	1.11	1.24	1.19	1.04	1.12	1.49	1.40	1.32	1.50	1.81	2.41	<i>2.75</i>	<i>2.69</i>
No. 2 Heating Oil, Wholesale (dollars per gallon)															
	0.54	0.51	0.51	0.64	0.59	0.42	0.49	0.89	0.76	0.69	0.88	1.12	1.63	<i>1.90</i>	<i>1.90</i>
No. 2 Heating Oil, Retail (dollars per gallon)															
	NA	NA	0.87	0.99	0.98	0.85	0.87	1.31	1.25	1.13	1.36	1.54	2.04	<i>2.36</i>	<i>2.36</i>
No. 6 Residual Fuel Oil, Retail ^d (dollars per barrel).....															
	14.00	14.79	16.49	19.01	17.82	12.83	16.02	25.34	22.24	23.82	29.40	31.02	44.35	<i>53.51</i>	<i>54.09</i>
Electric Power Sector (dollars per million Btu)															
Coal.....	1.38	1.36	1.32	1.29	1.27	1.25	1.22	1.20	1.23	1.25	1.27	1.35	1.54	<i>1.65</i>	<i>1.66</i>
Heavy Fuel Oil ^e	2.36	2.40	2.60	3.01	2.79	2.07	2.38	4.27	3.73	3.67	4.77	4.86	7.11	<i>8.53</i>	<i>8.45</i>
Natural Gas.....	2.56	2.23	1.98	2.64	2.76	2.38	2.57	4.34	4.44	3.55	5.37	5.94	8.21	<i>7.35</i>	<i>7.82</i>
Other Residential															
Natural Gas (dollars per thousand cubic feet).....															
	6.17	6.41	6.06	6.35	6.95	6.83	6.69	7.77	9.63	7.90	9.63	10.75	12.82	<i>13.77</i>	<i>13.21</i>
Electricity (cents per kilowatthour).....															
	8.32	8.38	8.40	8.36	8.43	8.26	8.17	8.24	8.63	8.46	8.70	8.97	9.43	<i>10.16</i>	<i>10.46</i>

^a Refiner acquisition cost (RAC) of imported crude oil.

^b West Texas Intermediate.

^c Average self-service cash prices.

^d Average for all sulfur contents.

^e Includes fuel oils No. 4, No. 5, and No. 6 and topped crude fuel oil prices.

Notes: Prices exclude taxes, except prices for gasoline, residential natural gas, and diesel. Minor discrepancies with other published EIA historical data are due to independent rounding.

Historical data are printed in bold; forecasts are in italics. The forecasts were generated by simulation of the Regional Short-Term Energy Model.

Sources: Historical data: EIA: latest data available from EIA databases supporting the following reports: *Petroleum Marketing Monthly*, DOE/EIA-0380; *Natural Gas Monthly*, DOE/EIA-0130; *Monthly Energy Review*, DOE/EIA-0035; *Electric Power Monthly*, DOE/EIA-0226.

Table A5. Annual U.S. Petroleum Supply and Demand: Base Case
(Million Barrels per Day, Except Closing Stocks)

	Year														
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Supply															
Crude Oil Supply															
Domestic Production ^a	6.85	6.66	6.56	6.46	6.45	6.25	5.88	5.82	5.80	5.75	5.68	5.42	5.12	5.24	5.59
Alaska	<i>1.58</i>	<i>1.56</i>	<i>1.48</i>	<i>1.39</i>	<i>1.30</i>	<i>1.17</i>	<i>1.05</i>	<i>0.97</i>	<i>0.96</i>	<i>0.98</i>	<i>0.97</i>	<i>0.91</i>	<i>0.86</i>	<i>0.77</i>	<i>0.76</i>
Federal GOM ^b	0.83	0.86	0.95	1.01	1.13	1.22	1.36	1.43	1.53	1.55	1.54	1.46	1.26	1.41	1.77
Other Lower 48	4.43	4.24	4.13	4.06	4.03	3.86	3.47	3.42	3.31	3.21	3.17	3.05	3.00	3.05	3.06
Net Commercial Imports ^c	6.67	6.95	7.14	7.40	8.12	8.60	8.60	9.01	9.30	9.12	9.65	10.06	10.01	10.03	10.08
Net SPR Withdrawals	-0.07	0.00	0.00	0.07	0.01	-0.02	0.02	0.08	-0.02	-0.12	-0.11	-0.10	-0.02	-0.03	-0.01
Net Commercial Withdrawals	0.00	-0.01	0.09	0.05	-0.06	-0.05	0.11	0.00	-0.07	0.09	0.02	-0.05	-0.10	0.03	0.04
Product Supplied and Losses	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Unaccounted-for Crude Oil	0.17	0.27	0.19	0.22	0.14	0.11	0.19	0.15	0.12	0.11	0.05	0.14	0.19	0.08	0.09
Total Crude Oil Supply	13.61	13.87	13.97	14.19	14.66	14.89	14.80	15.07	15.13	14.95	15.30	15.48	15.20	15.36	15.79
Other Supply															
NGL Production	1.74	1.73	1.76	1.83	1.82	1.76	1.85	1.91	1.87	1.88	1.72	1.81	1.71	1.74	1.78
Other Hydrocarbon and Alcohol Inputs	0.25	0.26	0.30	0.31	0.34	0.38	0.38	0.38	0.38	0.42	0.42	0.42	0.44	0.45	0.46
Crude Oil Product Supplied	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Processing Gain	0.77	0.77	0.77	0.84	0.85	0.89	0.89	0.95	0.90	0.96	0.97	1.05	0.98	1.00	1.02
Net Product Imports ^d	0.93	1.09	0.75	1.10	1.04	1.17	1.30	1.40	1.59	1.42	1.59	2.04	2.34	2.20	2.13
Product Stock Withdrawn	-0.05	0.00	0.15	0.03	-0.09	-0.17	0.30	0.00	-0.23	0.15	0.03	-0.06	-0.01	-0.01	0.01
Total Supply	17.26	17.72	17.72	18.31	18.62	18.92	19.52	19.70	19.65	19.76	20.03	20.73	20.66	20.74	21.18
Demand															
Motor Gasoline ^e	7.48	7.60	7.79	7.89	8.02	8.25	8.43	8.47	8.61	8.85	8.93	9.11	9.13	9.19	9.28
Jet Fuel	1.47	1.53	1.51	1.58	1.60	1.62	1.67	1.73	1.66	1.61	1.58	1.63	1.63	1.66	1.70
Distillate Fuel Oil	3.04	3.16	3.21	3.37	3.44	3.46	3.57	3.72	3.85	3.78	3.93	4.06	4.11	4.20	4.31
Residual Fuel Oil	1.08	1.02	0.85	0.85	0.80	0.89	0.83	0.91	0.81	0.70	0.77	0.86	0.91	0.76	0.81
Other Oils ^f	4.17	4.41	4.36	4.63	4.77	4.69	5.01	4.87	4.73	4.82	4.82	5.07	4.88	4.93	5.08
Total Demand	17.24	17.72	17.72	18.31	18.62	18.92	19.52	19.70	19.65	19.76	20.03	20.73	20.66	20.74	21.18
Total Petroleum Net Imports	7.62	8.05	7.89	8.50	9.16	9.76	9.91	10.42	10.90	10.54	11.24	12.10	12.35	12.22	12.20
Closing Stocks (million barrels)															
Crude Oil (excluding SPR)	335	337	303	284	305	324	284	286	312	278	269	286	323	311	296
Total Motor Gasoline	226	215	202	195	210	216	193	196	210	209	207	218	207	214	214
Jet Fuel	40	47	40	40	44	45	41	45	42	39	39	40	42	39	40
Distillate Fuel Oil	141	145	130	127	138	156	125	118	145	134	137	126	136	138	135
Residual Fuel Oil	44	42	37	46	40	45	36	36	41	31	38	42	37	40	39
Other Oils ^g	273	275	258	250	259	291	246	247	287	257	241	257	266	258	258

^a Includes lease condensate.

^b Crude oil production from U.S. Federal leases in the Gulf of Mexico

^c Net imports equals gross imports plus SPR imports minus exports.

^d Includes finished petroleum products, unfinished oils, gasoline blending components, and natural gas plant liquids for processing.

^e For years prior to 1993, motor gasoline includes an estimate of fuel ethanol blended into gasoline and certain product reclassifications, not reported elsewhere in EIA. See Appendix B in EIA, *Short-Term Energy Outlook*, EIA/DOE-0202(93/3Q), for details on this adjustment.

^f Includes crude oil product supplied, natural gas liquids, liquefied refinery gas, other liquids, and all finished petroleum products except motor gasoline, jet fuel, distillate, and residual fuel oil.

^g Includes stocks of all other oils, such as aviation gasoline, kerosene, natural gas liquids (including ethane), aviation gasoline blending components, naphtha and other oils for petrochemical feedstock use, special naphthas, lube oils, wax, coke, asphalt, road oil, and miscellaneous oils.

SPR: Strategic Petroleum Reserve. NGL: Natural Gas Liquids

Notes: Minor discrepancies with other EIA published historical data are due to rounding, with the following exception: recent petroleum demand and supply data displayed here reflect the incorporation of resubmissions of the data as reported in EIA's *Petroleum Supply Monthly*, TableC1. Historical data are printed in bold; forecasts are in italics. The forecasts were generated by simulation of the Regional Short-Term Energy Model.

Sources: Historical data: EIA; latest data available from EIA databases supporting the following reports: *Petroleum Supply Monthly*, DOE/EIA-0109, and *Weekly Petroleum Status Report*, DOE/EIA-0208.

Table A6. Annual U.S. Natural Gas Supply and Demand: Base Case
(Trillion Cubic Feet)

	Year														
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Supply															
Total Dry Gas Production	18.10	18.82	18.60	18.78	18.83	19.02	18.83	19.18	19.62	18.93	19.10	18.76	18.24	<i>18.36</i>	<i>18.56</i>
Alaska	0.00	0.00	0.00	0.00	0.00	0.00	0.44	0.44	0.45	0.44	0.47	0.45	0.47	<i>0.45</i>	<i>0.45</i>
Federal GOM ^a	0.00	0.00	0.00	0.00	0.00	0.00	4.78	4.69	4.79	4.29	4.21	3.79	3.03	<i>3.19</i>	<i>3.50</i>
Other Lower 48	0.00	0.00	0.00	0.00	0.00	0.00	13.61	14.06	14.37	14.19	14.42	14.52	14.75	<i>14.72</i>	<i>14.60</i>
Gross Imports	2.35	2.62	2.84	2.94	2.99	3.15	3.59	3.78	3.98	4.02	3.94	4.26	4.33	<i>4.11</i>	<i>4.56</i>
Gross Exports	0.14	0.16	0.15	0.15	0.16	0.16	0.16	0.24	0.37	0.52	0.68	0.85	0.73	<i>0.80</i>	<i>0.87</i>
Net Imports	2.21	2.46	2.69	2.78	2.84	2.99	3.42	3.54	3.60	3.50	3.26	3.40	3.60	<i>3.31</i>	<i>3.70</i>
Supplemental Gaseous Fuels.....	0.12	0.11	0.11	0.11	0.08	0.08	0.08	0.09	0.09	0.07	0.07	0.07	0.07	<i>0.07</i>	<i>0.07</i>
Total New Supply.....	20.42	21.39	21.40	21.68	21.74	22.10	22.34	22.81	23.31	22.49	22.43	22.23	21.91	<i>21.74</i>	<i>22.32</i>
Working Gas in Storage															
Opening	3.07	2.32	2.61	2.15	2.17	2.17	2.73	2.52	1.72	2.90	2.38	2.56	2.70	<i>2.64</i>	<i>2.79</i>
Closing	2.32	2.61	2.15	2.17	2.17	2.73	2.52	1.72	2.90	2.38	2.56	2.70	2.64	<i>2.79</i>	<i>2.65</i>
Net Withdrawals.....	0.75	-0.28	0.45	-0.02	0.00	-0.56	0.21	0.80	-1.18	0.53	-0.19	-0.13	0.06	<i>-0.16</i>	<i>0.14</i>
Total Supply.....	21.17	21.11	21.85	21.66	21.74	21.54	22.54	23.61	22.12	23.02	22.24	22.10	21.97	<i>21.59</i>	<i>22.46</i>
Balancing Item ^b	-0.38	0.14	0.36	0.95	0.99	0.70	-0.14	-0.16	0.12	-0.02	0.03	0.33	-0.04	<i>-0.02</i>	<i>0.01</i>
Total Primary Supply	20.79	21.25	22.21	22.60	22.73	22.25	22.41	23.45	22.24	23.01	22.28	22.43	21.93	<i>21.57</i>	<i>22.48</i>
Demand															
Residential	4.96	4.85	4.85	5.24	4.98	4.52	4.73	5.00	4.77	4.89	5.08	4.88	4.84	<i>4.48</i>	<i>4.88</i>
Commercial.....	2.86	2.90	3.03	3.16	3.21	3.00	3.04	3.18	3.02	3.14	3.18	3.14	3.06	<i>2.91</i>	<i>3.06</i>
Industrial	8.87	8.91	9.38	9.68	9.71	9.49	9.16	9.40	8.46	8.62	8.27	8.35	7.66	<i>7.76</i>	<i>8.13</i>
Lease and Plant Fuel.....	1.17	1.12	1.22	1.25	1.20	1.17	1.08	1.15	1.12	1.11	1.12	1.10	1.07	<i>1.08</i>	<i>1.08</i>
Other Industrial	7.70	7.79	8.16	8.44	8.51	8.32	8.08	8.25	7.34	7.51	7.15	7.25	6.59	<i>6.68</i>	<i>7.04</i>
CHP ^c	1.12	1.18	1.26	1.29	1.28	1.35	1.40	1.39	1.31	1.24	1.14	1.19	0.94	<i>0.96</i>	<i>0.99</i>
Non-CHP	6.58	6.61	6.90	7.15	7.23	6.97	6.68	6.87	6.03	6.27	6.01	6.06	5.65	<i>5.73</i>	<i>6.06</i>
Transportation ^d	0.63	0.69	0.70	0.72	0.76	0.64	0.66	0.66	0.64	0.68	0.61	0.59	0.58	<i>0.57</i>	<i>0.61</i>
Electric Power ^e	3.47	3.90	4.24	3.81	4.06	4.59	4.82	5.21	5.34	5.67	5.14	5.46	5.80	<i>5.85</i>	<i>5.81</i>
Total Demand	20.79	21.25	22.21	22.60	22.73	22.25	22.41	23.45	22.24	23.01	22.28	22.43	21.93	<i>21.57</i>	<i>22.48</i>

^a Dry natural gas production from U.S. Federal Leases in the Gulf of Mexico.

^b The balancing item represents the difference between the sum of the components of natural gas supply and the sum of components of natural gas demand.

^c Natural gas used for electricity generation and production of useful thermal output by combined heat and power (CHP) plants at industrial facilities. Includes a small amount of natural gas consumption at electricity-only plants in the industrial sector.

^d Pipeline fuel use plus natural gas used as vehicle fuel.

^e Natural gas used for electricity generation and (a limited amount of) useful thermal output by electric utilities and independent power producers.

Notes: Minor discrepancies with other EIA published historical data are due to rounding. Historical data are printed in bold; forecasts are in italics. The forecasts were generated by simulation of the Regional Short-Term Energy Model.

Sources: Historical data: EIA: latest data available from EIA databases supporting the following reports: *Natural Gas Monthly*, DOE/EIA-0130; *Electric Power Monthly*, DOE/EIA-0226; Projections: EIA, Short-Term Integrated Forecasting System database, and Office of Oil and Gas, Reserves and Production Division.

Table A7. Annual U.S. Coal Supply and Demand: Base Case
(Million Short Tons)

	Year														
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Supply															
Production.....	945.4	1033.5	1033.0	1063.9	1089.9	1117.5	1100.4	1073.6	1127.7	1094.3	1071.8	1112.1	1133.3	<i>1144.4</i>	<i>1157.7</i>
Appalachia.....	409.7	445.4	434.9	451.9	467.8	460.4	425.6	419.4	432.8	397.0	376.8	390.7	397.0	<i>400.1</i>	<i>394.8</i>
Interior.....	167.2	179.9	168.5	172.8	170.9	168.4	162.5	143.5	147.0	146.9	146.3	146.2	149.2	<i>150.0</i>	<i>147.0</i>
Western.....	368.5	408.3	429.6	439.1	451.3	488.8	512.3	510.7	547.9	550.4	548.7	575.2	587.0	<i>594.4</i>	<i>615.9</i>
Primary Stock Levels ^a															
Opening.....	29.0	25.3	33.2	34.4	28.6	34.0	36.5	39.5	31.9	35.9	43.3	38.3	41.2	<i>34.6</i>	<i>35.1</i>
Closing.....	25.3	33.2	34.4	28.6	34.0	36.5	39.5	31.9	35.9	43.3	38.3	41.2	34.6	<i>35.1</i>	<i>30.8</i>
Net Withdrawals.....	3.7	-7.9	-1.2	5.8	-5.3	-2.6	-2.9	7.6	-4.0	-7.4	5.0	-2.9	6.6	<i>-0.5</i>	<i>4.3</i>
Imports.....	8.2	8.9	9.5	8.1	7.5	8.7	9.1	12.5	19.8	16.9	25.0	27.3	30.5	<i>38.2</i>	<i>40.3</i>
Exports.....	74.5	71.4	88.5	90.5	83.5	78.0	58.5	58.5	48.7	39.6	43.0	48.0	49.9	<i>48.9</i>	<i>51.7</i>
Total Net Domestic Supply.....	882.8	963.1	952.7	987.3	1008.5	1045.7	1048.1	1035.2	1094.8	1064.2	1058.8	1088.5	1120.4	<i>1133.3</i>	<i>1150.6</i>
Secondary Stock Levels ^b															
Opening.....	166.8	123.1	139.6	138.0	126.0	108.8	131.6	149.1	108.5	146.0	148.9	127.2	112.9	<i>109.4</i>	<i>109.3</i>
Closing.....	123.1	139.6	138.0	126.0	108.8	131.6	149.1	108.5	146.0	148.9	127.2	112.9	109.4	<i>109.3</i>	<i>124.6</i>
Net Withdrawals.....	43.8	-16.5	1.5	12.0	17.2	-22.8	-17.5	40.7	-37.6	-2.9	21.7	14.3	3.4	<i>0.1</i>	<i>-15.2</i>
Waste Coal Supplied to IPPs ^c	6.4	7.9	8.5	8.8	8.1	9.0	9.6	10.1	10.6	11.1	11.6	12.5	15.1	<i>15.1</i>	<i>15.1</i>
Total Supply.....	932.9	954.5	962.7	1008.1	1033.9	1031.8	1040.2	1086.0	1067.9	1072.4	1092.0	1115.3	1138.9	<i>1148.5</i>	<i>1150.5</i>
Demand															
Coke Plants.....	31.3	31.7	33.0	31.7	30.2	28.2	28.1	28.9	26.1	23.7	24.2	23.7	23.4	<i>25.7</i>	<i>26.3</i>
Electric Power Sector ^d	831.6	838.4	850.2	896.9	921.4	936.6	940.9	985.8	964.4	977.5	1005.1	1016.3	1039.0	<i>1042.0</i>	<i>1059.1</i>
Retail and General Industry.....	81.1	81.2	78.9	77.7	78.0	72.3	69.6	69.3	69.6	65.2	65.5	67.3	65.9	<i>66.2</i>	<i>65.1</i>
Residential and Commercial.....	6.2	6.0	5.8	6.0	6.5	4.9	4.9	4.1	4.4	4.4	4.2	5.1	5.1	<i>4.6</i>	<i>4.0</i>
Industrial.....	74.9	75.2	73.1	71.7	71.5	67.4	64.7	65.2	65.3	60.7	61.3	62.2	60.8	<i>61.5</i>	<i>61.2</i>
CHP ^e	28.9	29.7	29.4	29.4	29.9	28.6	27.8	28.0	25.8	26.2	24.8	26.6	20.6	<i>21.9</i>	<i>22.7</i>
Non-CHP.....	46.0	45.5	43.7	42.3	41.7	38.9	37.0	37.2	39.5	34.5	36.4	35.6	40.2	<i>39.7</i>	<i>38.5</i>
Total Demand ^f	944.1	951.3	962.1	1006.3	1029.5	1037.1	1038.6	1084.1	1060.1	1066.4	1094.9	1107.3	1128.3	<i>1133.9</i>	<i>1150.5</i>
Discrepancy ^g	-11.1	3.2	0.6	1.7	4.3	-5.3	1.6	1.9	7.7	6.1	-2.8	8.1	10.6	<i>14.6</i>	<i>0.0</i>

^a Primary stocks are held at the mines, preparation plants, and distribution points.

^b Secondary stocks are held by users. It includes an estimate of stocks held at utility plants sold to nonutility generators.

^c Estimated independent power producers (IPPs) consumption of waste coal. This item includes waste coal and coal slurry reprocessed into briquettes.

^d Estimates of coal consumption by IPPs, supplied by the Office of Coal, Nuclear, Electric, and Alternate Fuels, EIA.

^e Coal used for electricity generation and production of useful thermal output by combined heat and power (CHP) plants at industrial facilities. Includes a small amount of coal consumption at electricity-only plants in the industrial sector.

^f Total Demand includes estimated IPP consumption.

^g The discrepancy reflects an unaccounted-for shipper and receiver reporting difference, assumed to be zero in the forecast period. Prior to 1994, discrepancy may include some waste coal supplied to IPPs that has not been specifically identified.

Notes: Rows and columns may not add due to independent rounding. Minor discrepancies with other EIA published historical data are due to rounding. Historical data are printed in bold; forecasts are in italics. The forecasts were generated by simulation of the Short-Term Integrated Forecasting System or by EIA's office of Coal, Nuclear, Electric and Alternate Fuels (coal production).

Sources: Historical data: EIA: latest data available from EIA databases supporting the following reports: *Quarterly Coal Report*, DOE/EIA-0121, and *Electric Power Monthly*, DOE/EIA-0226. Projections: EIA, Regional Short-Term Energy Model database, and Office of Coal, Nuclear, Electric and Alternate Fuels.

Table A8. Annual U.S. Electricity Supply and Demand: Base Case
(Billion Kilowatt-hours)

	Year														
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Net Electricity Generation															
Electric Power Sector ^a															
Coal.....	1665.5	1666.3	1686.1	1772.0	1820.8	1850.2	1858.6	1943.1	1882.8	1910.6	1952.7	1957.2	1992.5	1999.7	2024.9
Petroleum.....	105.4	98.7	68.1	74.8	86.5	122.2	111.5	105.2	119.1	89.7	113.7	112.5	115.8	80.3	100.9
Natural Gas.....	342.2	385.7	419.2	378.8	399.6	449.3	473.0	518.0	554.9	607.7	567.3	627.5	675.1	683.2	681.0
Nuclear.....	610.3	640.4	673.4	674.7	628.6	673.7	728.3	753.9	768.8	780.1	763.7	788.5	780.5	788.7	801.2
Hydroelectric.....	273.5	250.6	302.7	338.1	346.6	313.4	308.6	265.8	204.9	251.7	263.0	256.4	255.3	279.5	288.7
Other ^b	47.0	47.0	44.8	45.8	47.3	48.6	50.0	51.6	49.4	58.6	60.7	64.1	64.2	77.1	82.6
Subtotal.....	3043.9	3088.7	3194.2	3284.1	3329.4	3457.4	3530.0	3637.5	3580.1	3698.5	3721.2	3806.3	3883.4	3908.6	3979.2
Other Sectors ^c	153.3	158.8	159.3	160.0	162.8	162.9	164.8	156.6	156.6	160.0	162.0	162.2	154.6	158.5	164.7
Total.....	3197.2	3247.5	3353.5	3444.2	3492.2	3620.3	3694.8	3802.1	3736.6	3858.5	3883.2	3968.5	4038.0	4067.1	4143.9
Net Imports.....	27.8	44.8	39.2	40.2	34.1	25.9	29.0	33.8	22.0	21.0	6.4	11.3	24.7	26.0	13.4
Total Supply.....	3225.0	3292.3	3392.7	3484.4	3526.2	3646.2	3723.8	3835.9	3758.7	3879.4	3889.6	3979.8	4062.7	4093.2	4157.3
Losses and Unaccounted for ^d	236.0	223.7	235.4	237.4	232.2	221.0	229.2	233.0	203.8	236.7	221.5	252.5	232.6	241.7	253.0
Demand															
Retail Sales ^e															
Residential.....	994.8	1008.5	1042.5	1082.5	1075.9	1130.1	1144.9	1192.4	1201.1	1265.4	1273.6	1293.6	1364.8	1380.6	1409.9
Commercial ^f	884.7	913.1	953.1	980.1	1026.6	1078.0	1103.8	1159.3	1191.2	1205.1	1197.2	1229.0	1265.2	1269.4	1283.5
Industrial.....	977.2	1008.0	1012.7	1033.6	1038.2	1051.2	1058.2	1064.2	984.5	990.1	1011.6	1018.5	1021.3	1018.8	1021.5
Transportation ^g	4.8	5.0	5.0	4.9	4.9	5.0	5.1	5.4	5.2	5.5	6.8	7.1	8.3	7.6	7.6
Subtotal.....	2861.5	2934.6	3013.3	3101.1	3145.6	3264.2	3312.1	3421.4	3382.1	3466.1	3489.2	3548.2	3659.5	3676.4	3722.5
Other Use/Sales ^h	127.5	134.1	144.1	145.9	148.4	160.9	182.5	181.5	172.8	176.6	178.9	179.0	170.6	175.0	181.8
Total Demand.....	2989.0	3068.7	3157.3	3247.0	3294.0	3425.1	3494.6	3602.9	3554.9	3642.7	3668.1	3727.3	3830.2	3851.4	3904.3

^a Electric Utilities and independent power producers.

^b "Other" includes generation from other gaseous fuels, geothermal, wind, wood, waste, and solar sources.

^c Electricity generation from combined heat and power facilities and electricity-only plants in the industrial and commercial sectors.

^d Balancing item, mainly transmission and distribution losses.

^e Total of retail electricity sales by electric utilities and power marketers. Utility sales for historical periods are reported in EIA's *Electric Power Monthly* and *Electric Power Annual*. Power marketers' sales are reported annually in Appendix C of EIA's *Electric Sales and Revenue*. Quarterly data for power marketers (and thus retail sales totals) are imputed. Data for 2003 are estimated.

^f Commercial sector, including public street and highway lighting, interdepartmental sales and other sales to public authorities. These items, along with transportation sector; electricity were formerly included in an "other" category, which is no longer provided. (See EIA's *Monthly Energy Review*, Table 7.5, for a comparison of "Old Basis" and "New Basis" electricity retail sales.) Through 2003, data are estimated as the sum of "Old Basis Commercial" and approximately 95 percent of "Old Basis Other"; beginning in 2004, data are actual survey data.

^g Transportation sector, including sales to railroads and railways. Through 2003, data are estimated as approximately 5 percent of "Old Basis Other"; beginning in 2004, data are actual survey data.

^h Defined 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.

Notes: Minor discrepancies with other EIA published historical data are due to rounding. Historical data are printed in bold; forecasts are in italics. The forecasts were generated by simulation of the Short-Term Integrated Forecasting System and by EIA's office of Coal, Nuclear, Electric and Alternate Fuels (hydroelectric and nuclear).

Sources: Historical data: EIA: latest data available from EIA databases supporting the following report: *Electric Power Monthly*, DOE/EIA-0226. Projections: EIA, Regional Short-Term Energy Model database, and Office of Coal, Nuclear, Electric and Alternate Fuels.