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Energy Information Administration

August 2006

Short-Term Energy Outlook

August 8, 2006 Release

Overview

In July, monthly average crude oil and gasoline prices reached new high levels in nominal terms, but remained below the peak inflation-adjusted levels reached in the early 1980s. Also in July, a heat wave descended on much of the country resulting in new records for electricity demand. International events continue to add uncertainty and upward price pressure on energy prices.

We have raised our forecast for the August 2006 West Texas Intermediate (WTI) crude oil price to $76.50 per barrel, an increase of $3.00 per barrel from our forecast last month. The higher forecast WTI price is a result of the additional pressures we saw in July and a projected reduction in Alaskan oil production following the August 6 announcement by BP oil company that it was temporarily shutting down Alaska's Prudhoe Bay oil field, which produces about 400 thousand barrels per day (bbl/d) of supplies (about 8 percent of U.S. domestic crude production), after corrosion and a leak were found in a transit pipeline (see Box: Alaska Prudhoe Bay Crude Oil Production Shutdown). Petroleum product prices are also expected to be higher in August, particularly on the West Coast where substitute oil supplies will likely require higher transportation and processing costs.

Significant relief from the high crude oil and gasoline prices is not likely to occur soon as the current tight market must also cope with strong gasoline demand, which typically reaches its seasonal peak in August, and the traditionally more active months of the hurricane season.

In 2006 and 2007, the WTI crude oil spot price is projected to average around $70 per barrel (West Texas Intermediate Crude Oil Price). In mid-April 2006, the daily WTI spot price passed the $70 level and is now in the mid-$70s. Adjusting for inflation, crude oil prices have not been this high since late 1982. A special supplement, *Why Are Oil Prices So High?* discusses in more detail the factors contributing to high crude oil prices.

Retail regular gasoline prices are projected to average $2.72 per gallon in 2006, and $2.67 in 2007 (Gasoline and Crude Oil Prices). Summer 2006 (April 1 to September

30) regular gasoline pump prices are expected to average $2.92 per gallon, 55 cents higher than last year's average of $2.37 per gallon. Summer 2006 retail diesel fuel prices are expected to average $2.91 per gallon, 50 cents higher than last year's average of $2.41 per gallon.

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 $7.69 per thousand cubic feet (mcf) for Henry Hub spot prices would be a drop of $1.17 from the 2005 average (Natural Gas Henry Hub Spot Prices). For 2007, the Henry Hub average price likely will move back up to an average of $8.17 per mcf, assuming sustained high oil prices, normal weather, and continued economic expansion in the United States.

Global Petroleum Markets

World petroleum consumption growth remains strong at 1.3 million bbl/d in 2006 and 1.8 million bbl/d in 2007 (World Oil Consumption Growth) despite continued higher prices. However, this represents a downward revision for 2006, as EIA has lowered its expected oil demand for 2006 by 0.3 million bbl/d. The revisions were made both in response to slower than expected demand growth in the Organization of Economic Cooperation and Development (OECD) countries thus far in 2006, and also as a result of revisions to OECD historical demand data. 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 a drawdown of inventories.

Surplus world crude oil production capacity, all of which is located in Saudi Arabia, is expected to increase slightly in 2006 and 2007 (World Oil Surplus Production Capacity) relative to 2005 levels, partly in response to the lowered oil demand expectations for 2006. Because only limited increases to surplus capacity are expected during the forecast period, existing and potential supply problems in Nigeria, Iran, Iraq, and Venezuela will continue to raise concern. During July, continuing unrest in Nigeria has taken an additional 150 thousand bbl/d offline, adding to the over 500 thousand bbl/d already shut in. Because of these factors, as well as the continued tight supply-demand balance, EIA expects little relief from current pricing patterns.

Alaska Prudhoe Bay Crude Oil Production Shutdown

On August 6, 2006, BP oil company announced the shutdown of about 400 thousand barrels per day (bpd) of crude oil production from the Alaskan Prudhoe Bay field because of corrosion discovered in the pipelines that gather crude oil from the producing wells for delivery to the Trans-Alaskan pipeline. While complete estimates of the volume and duration of reduced crude oil production are not yet available and will not likely be for several days, this *Outlook* assumes that Alaskan crude oil production is reduced by 300 thousand bpd from the original expected level in August, 400 thousand bpd in September and October, 300 thousand bpd in November, 200 thousand bpd in December, and 100 thousand bpd in January, then returning to full production. This production outage forecast is based on BP's initial estimate that the shutdown would last "several" months. Our forecast could change as new information becomes available.

The greatest impact of the lowered Alaskan crude oil production is on the West Coast, which consumes almost all of the Alaskan oil production. West Coast refineries process about 2.7 million bpd of crude oil and Alaska was expected to supply about 800 thousand bpd to these refineries. The reduction in Alaska crude oil supply from the shut-in of Prudhoe Bay production can be made up for in several ways: drawdown of crude oil or product stocks and substitution of other supplies for the Alaskan crude oil.

Some of the lost Alaskan oil production will be made up from inventories. Crude oil stocks on the West Coast at the end of July were almost 5.5 million barrels higher than July last year and U.S. crude oil stocks were over 15 million barrels higher. Similarly, gasoline and distillate fuel product inventories are above last year's levels for the U.S. (5.7 and 5.3 million barrels, respectively) and on the West Coast (1.4 and 1.9 million barrels, respectively). The Strategic Petroleum Reserve (SPR), which currently holds about 688 million barrels of crude oil, may also serve as a source of crude oil supply from inventory.

EIA currently estimates that 1.1 to 1.3 million bbl/d of crude oil spare production capacity is available, mostly in Saudi Arabia. Since West Coast (PADD 5) refinery configurations are complex enough to handle various crude qualities, substitutes for Alaskan crude oil are available. Incremental production from Saudi Arabia as well as diverted shipments of crude oil from Ecuador, Colombia, and Mexico can offset all or part of the shortfall.

First half 2006 production data show non-OPEC production growth of around 200 thousand bbl/d compared to the same period last year, and annual growth for 2006 will likely total around 0.6 million bbl/d (Growth in World Consumption and Non-OPEC Production). Growth in 2007 non-OPEC production likely will rise to more than 1.6 million bbl/d (International Oil Supply Charts), where new projects in the Caspian Region, Africa, and Brazil are expected to add more than 0.9 million bbl/d of new production.

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. By the end of 2007, EIA projects days of supply of OECD inventories to finish at the bottom of their 5-year lows for that time of year, which is expected to make the market even tighter.

U.S. Petroleum Markets

Average domestic oil production is expected to decrease by 93 thousand bbl/d or 1.8 percent in 2006, to a level slightly above 5 million bbl/d. For 2007, a 9.9 percent increase is expected and results in an average production rate of 5.53 million bbl/d for the year. Domestic crude oil production is lower than in our last forecast because of delays in the expected startup of the Thunderhorse and Atlantis crude oil production platforms in the Gulf of Mexico, and the shutdown of the Prudhoe Bay field (see Box: Alaska Prudhoe Bay Crude Oil Production Shutdown).

In 2006 and 2007, petroleum consumption is projected to increase by 0.1 percent and 1.9 percent, respectively (U.S. Petroleum Products Consumption Growth). While motor gasoline consumption exhibited almost no growth in 2005, it is projected to grow 0.8 percent in 2006 and 0.9 percent in 2007 reflecting anticipated continued U.S. economic growth. Distillate (diesel fuel and heating oil) consumption, having increased 1.3 percent in 2005, is projected to increase 2.4 percent in 2006 and 2.2 percent in 2007. Transportation diesel fuel consumption is projected to show solid growth in 2006 and 2007, averaging 3.2 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 480 thousand bbl/d (3.2 percent) relative to the same period last year, due to maintenance and/or hurricane-related shut downs. However, a surge in product imports over the last 3 months helped reverse the resulting decline in inventories. Total primary motor gasoline stocks at the end of July were 2 million barrels above

the previous 5-year average. Distillate stocks were 7 million barrels above the previous 5-year average (Motor Gasoline and Distillate Inventories).

Natural Gas Markets

Record temperatures across the United States in the second half of July drove electricity demand higher, which in turn caused increased natural gas demand for electricity generation. During the week ending July 21, natural gas inventories fell by 7 bcf, which was the first decline ever recorded during the summer months.

In 2006, total U.S. natural gas consumption is projected to fall below 2005 levels by about 270 billion cubic feet (bcf), or 1.2 percent, then increase by 810 bcf, or 3.7 percent, in 2007 (Total U.S. Natural Gas Consumption Growth). Residential natural gas consumption is projected to fall in 2006 by 7.6 percent from 2005 levels due to mild weather early in 2006 and then increase by 9.1 percent in 2007, assuming normal weather. 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 (1.9 percent) and more in 2007 (2.8 percent).

Dry natural gas production is projected to increase by 1.3 percent in 2006 and by 0.4 percent in 2007. Total liquefied natural gas (LNG) net imports are expected to increase from their 2005 level of 630 bcf to 730 bcf in 2006 and to 980 bcf in 2007.

On July 28, 2006, working natural gas in storage stood at an estimated 2,775 bcf. Stocks are 360 bcf above a year ago and 447 bcf above the previous 5-year average (U.S. Working Natural Gas in Storage). The relatively warm winter weather in the first quarter 2006 and the large difference by which prices for future delivery contracts for the 2006-2007 winter months have 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, fell to an average $6.36 per mcf last month. But recent warm summer weather and natural gas demand for electricity generation have pushed prices back up. Barring extreme weather for the rest of the year, we expect the Henry Hub spot price to average $7.69 per mcf in 2006. The Henry Hub price is expected to average $8.17 per mcf in 2007.

Electricity Markets

The second quarter of 2006 was warmer than normal with U.S. population-weighted cooling degree-days 17 percent above normal (Weather – Cooling Degree-Days). Temperatures during the first half of July were close to normal until a heat wave gripped a large portion of the country. Despite the recent heat wave, total cooling

degree-days for 2006 are expected to remain at the 2005 level. Temperatures also rose above normal in July last year and stayed above normal for over 2 months. Consequently, cooling degree-days for the third quarter this year are expected to be about 8 percent lower than the third quarter of 2005 but still almost 11 percent above normal. Electricity consumption is expected to increase by 0.6 percent in 2006 and by 1.1 percent in 2007 (Total U.S. Electricity Consumption Growth).

During the first 6 months of this year, average U.S. residential electricity prices rose by about 11 percent compared with the same period last year. Electricity prices surged for two reasons. First, the costs of fuels for electricity generation have risen. For example, coal and natural gas, which account for about 68 percent of the electricity generated, increased in price by 11 percent and 12 percent on average, respectively, during the first half of 2006. Second, retail electricity price caps have been recently loosened in some States, particularly in New England and the South Atlantic region, as a result of restructured electricity markets. We still expect prices to increase further during the forecast period, but at a slower rate, as moderation in natural gas and coal fuel costs are passed through to retail customers. In 2005, residential electricity prices rose an estimated 5.1 percent nationally. In 2006, these prices are expected to increase by 8.9 percent and, in 2007, by another 3.6 percent.

Coal Markets

Electric power sector consumption of coal is projected to grow by a modest 0.7 percent in 2006, and then increase by another 1.3 percent in 2007 (U.S. Coal Consumption Growth), due to high natural gas and oil prices. In 2006 and 2007, U.S. coal production is expected to grow by 1.8 percent and 0.4 percent, respectively, per year (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 $1.67 per million Btu in 2007.

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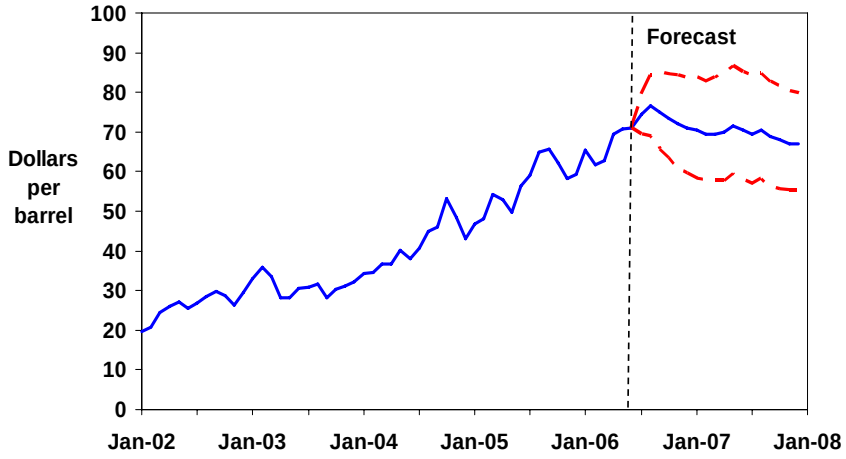
Chart Gallery for August 2006

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.*

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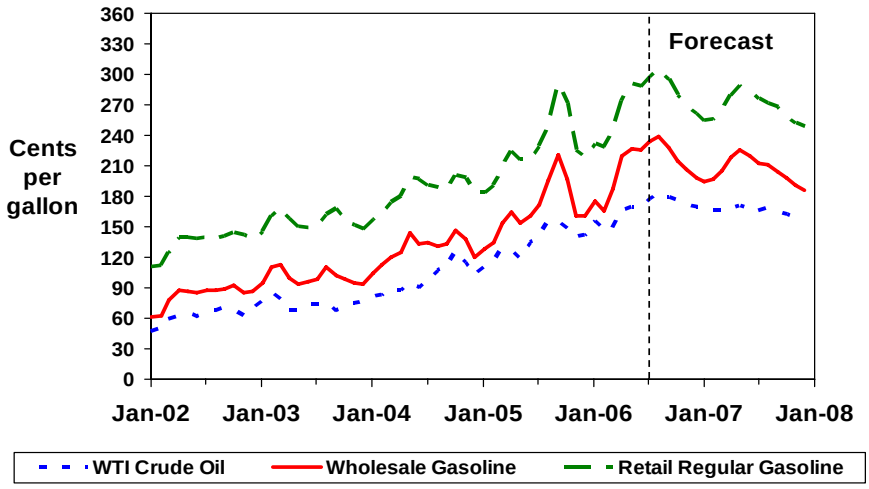
Gasoline and Crude Oil Prices



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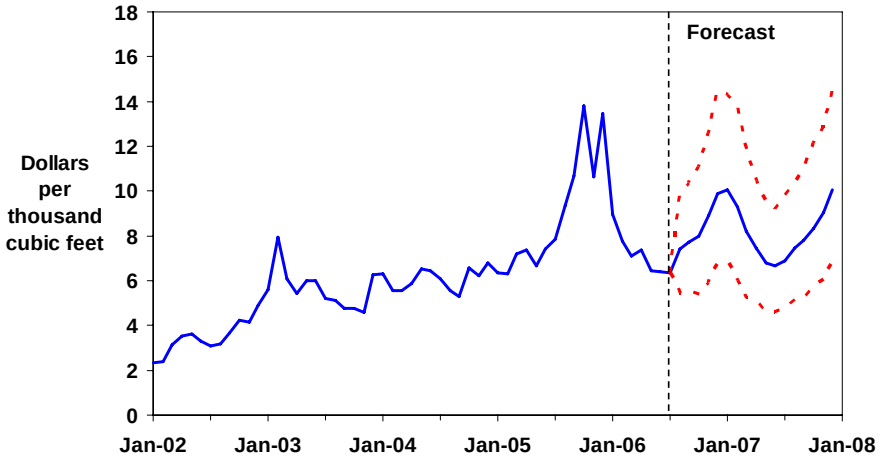
Natural Gas Henry Hub Spot Prices (Base Case and 95% Confidence Interval*)



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

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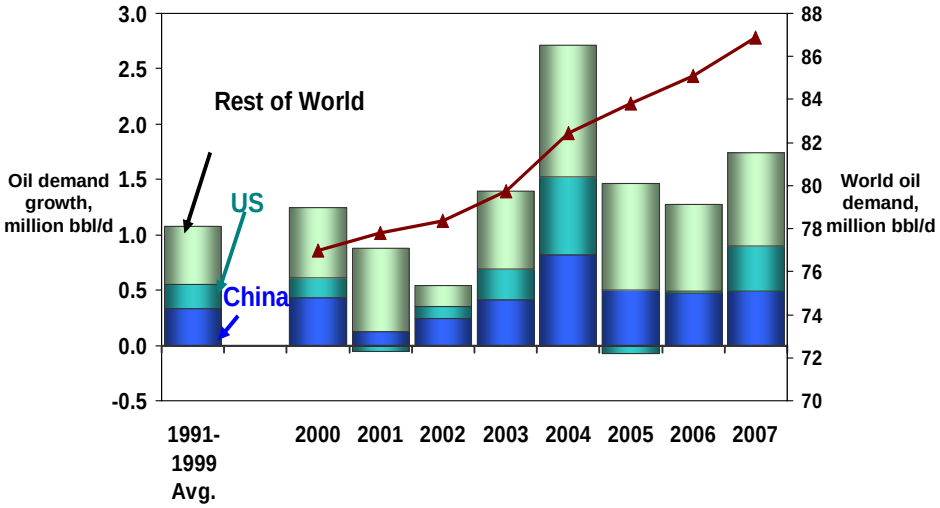
World Oil Consumption Growth



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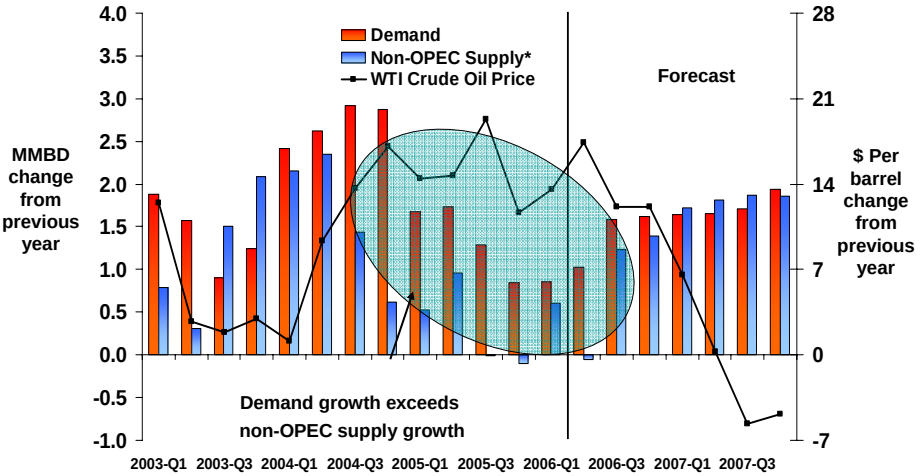
Growth in World Consumption & Non-OPEC Production



**Includes OPEC non-crude production, MMBD= million barrels per day*

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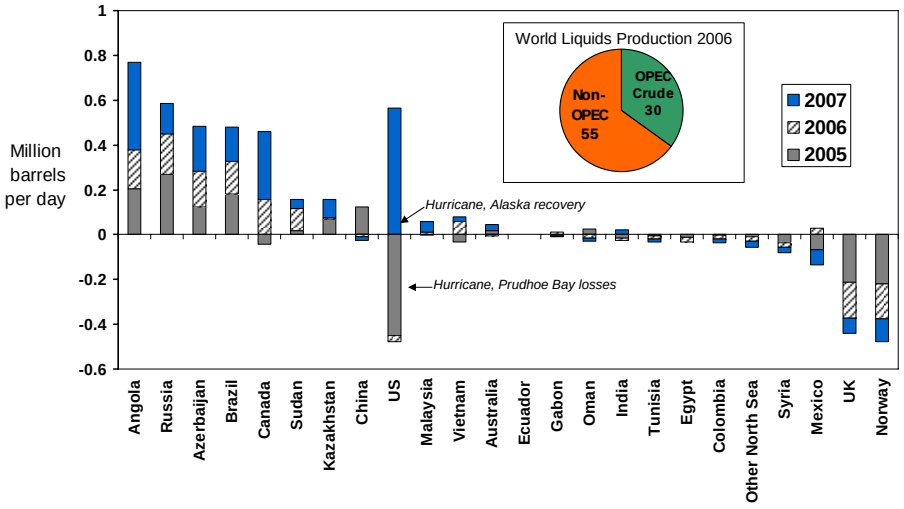
World Oil Supply Growth
(Change from Previous Year)



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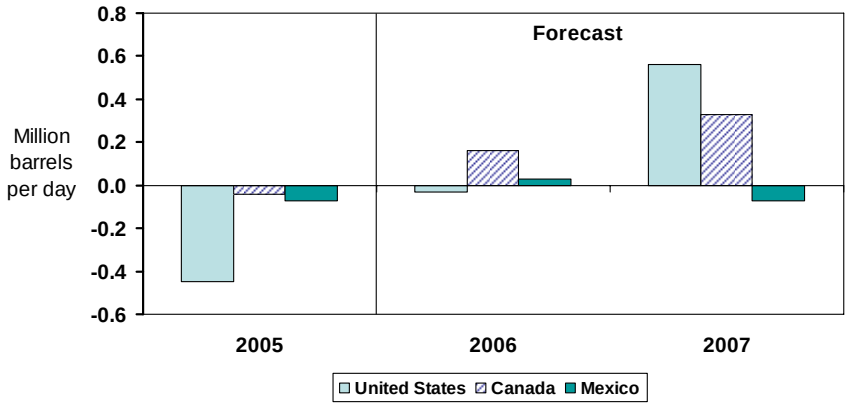
North America Oil Supply
(Change from Previous Year)



- Mars production complex in Gulf ramped up to around 225,000 bbl/d during June.
- Prudhoe Bay pipeline damage, and delay to Thunderhorse and Atlantis fields have lowered 2006 and 2007 US production forecast.
- EIA's Canadian oil growth forecast has been lowered due to Shell's Athabasca Oil Sands Project (155,000 bbl/d) down for maintenance for two weeks in July.
- Small Mexican production growth depends on level of Cantarell decline (12% in 2007).

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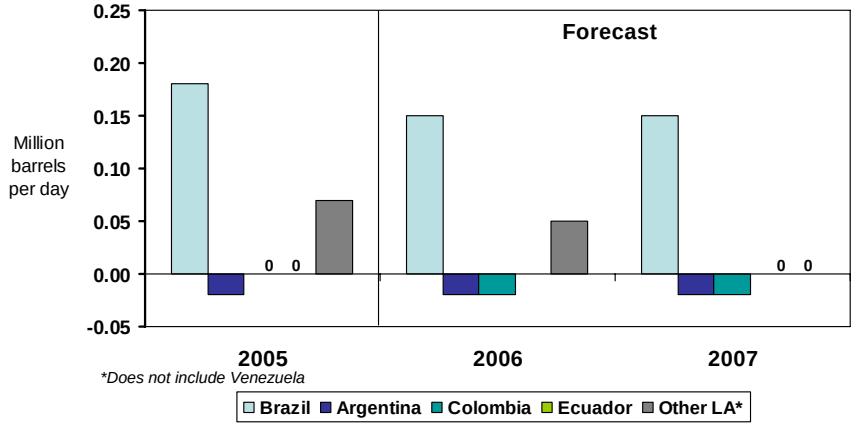
Latin America Oil Supply
(Change from Previous Year)



- 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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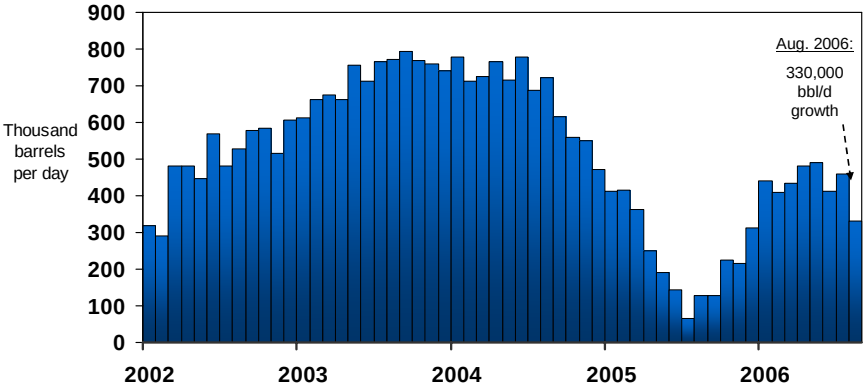
Russia Oil Supply
(Change from Previous Year)



- EIA expects slower oil production growth of 1.9% in Russia in 2006.
- Production performance at Sibneft, Yukos stagnating in July
- 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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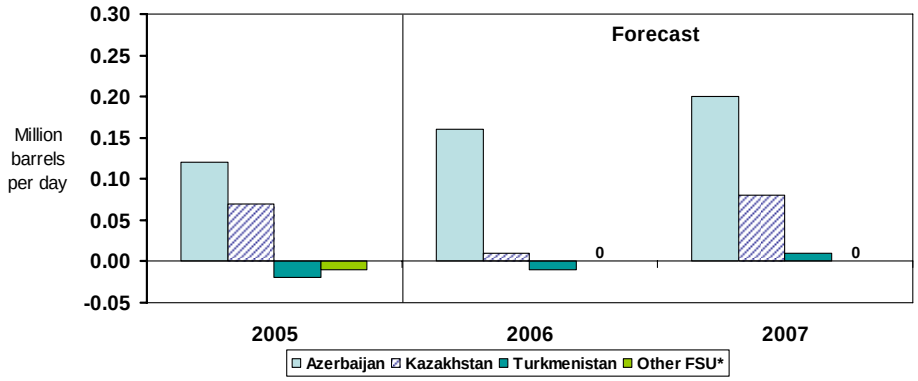
Caspian Region Oil Supply
(Change from Previous Year)



**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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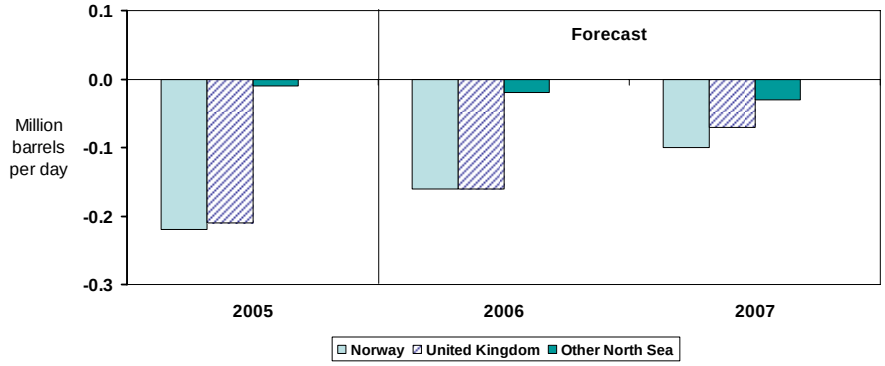
North Sea Oil Supply
(Change from Previous Year)



- 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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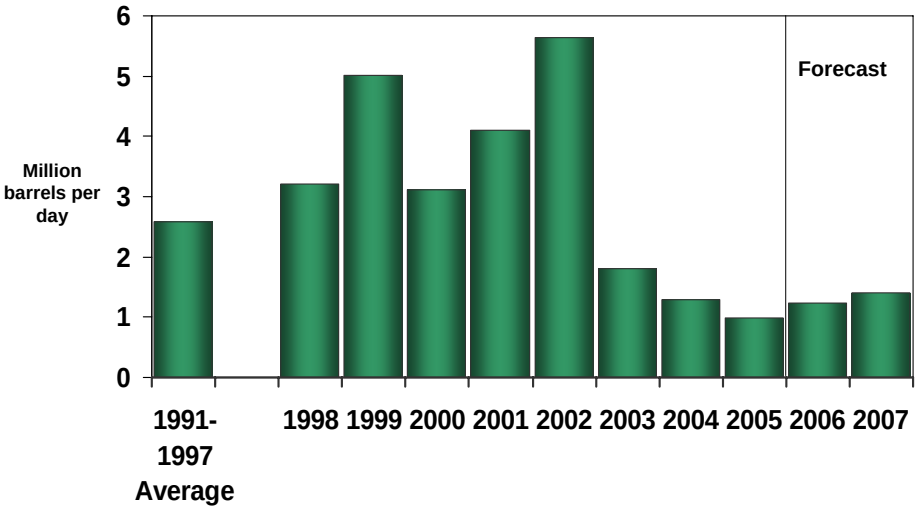
World Oil Surplus Production Capacity



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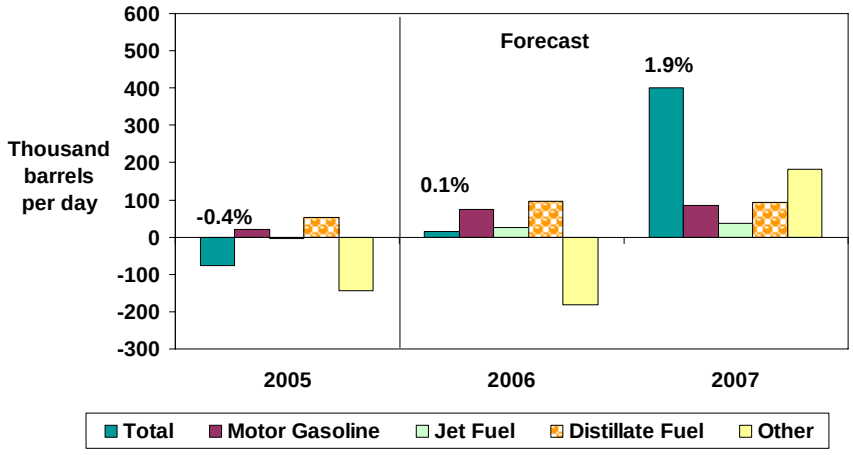
U.S. Petroleum Products Consumption Growth (Change from Previous Year)



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

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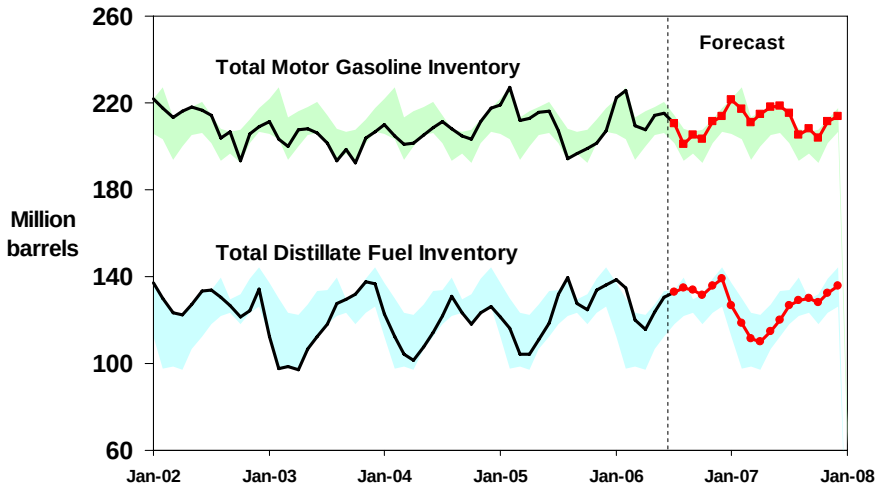
Gasoline and Distillate Inventories



NOTE: Colored bands represent previous 5-year minimum/maximum ranges

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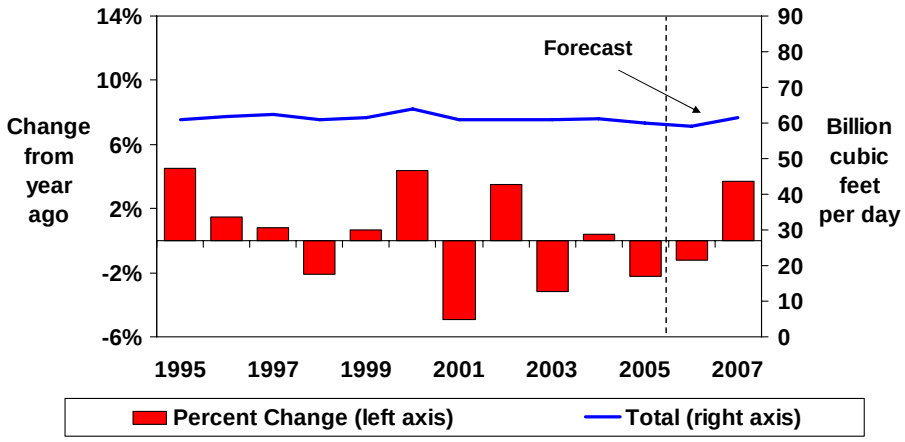
Total U.S. Natural Gas Consumption Growth



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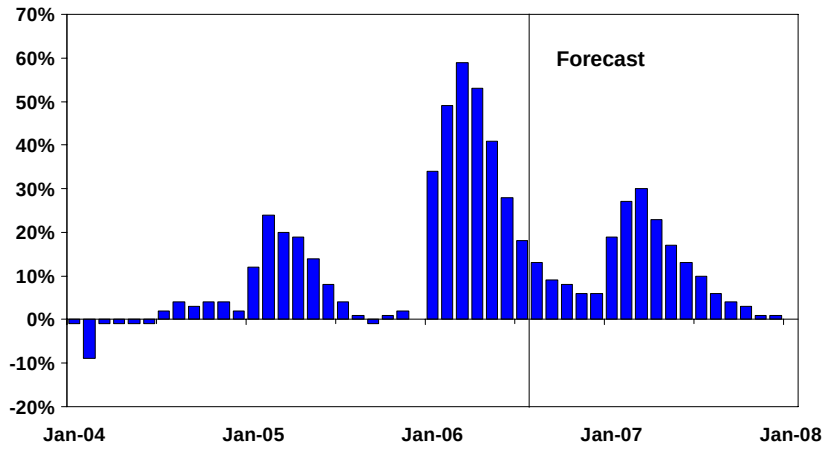
U.S. Working Natural Gas in Storage
(Percent Differences from Previous 5-Year Average)



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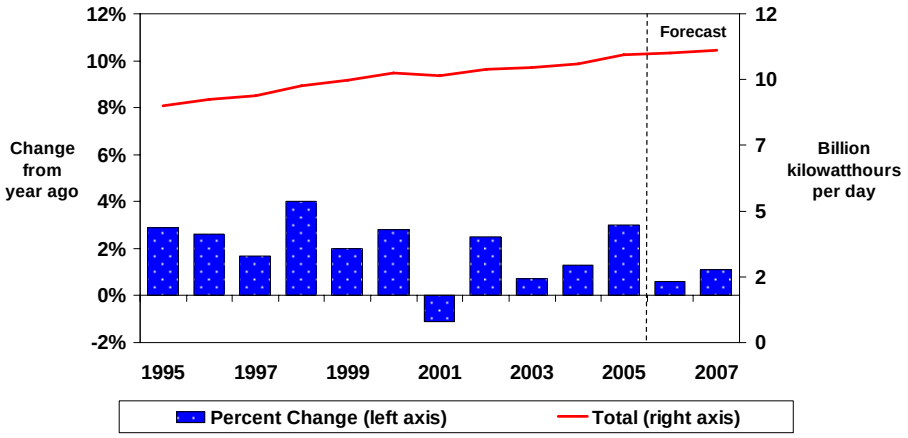
Total U.S. Electricity Consumption Growth



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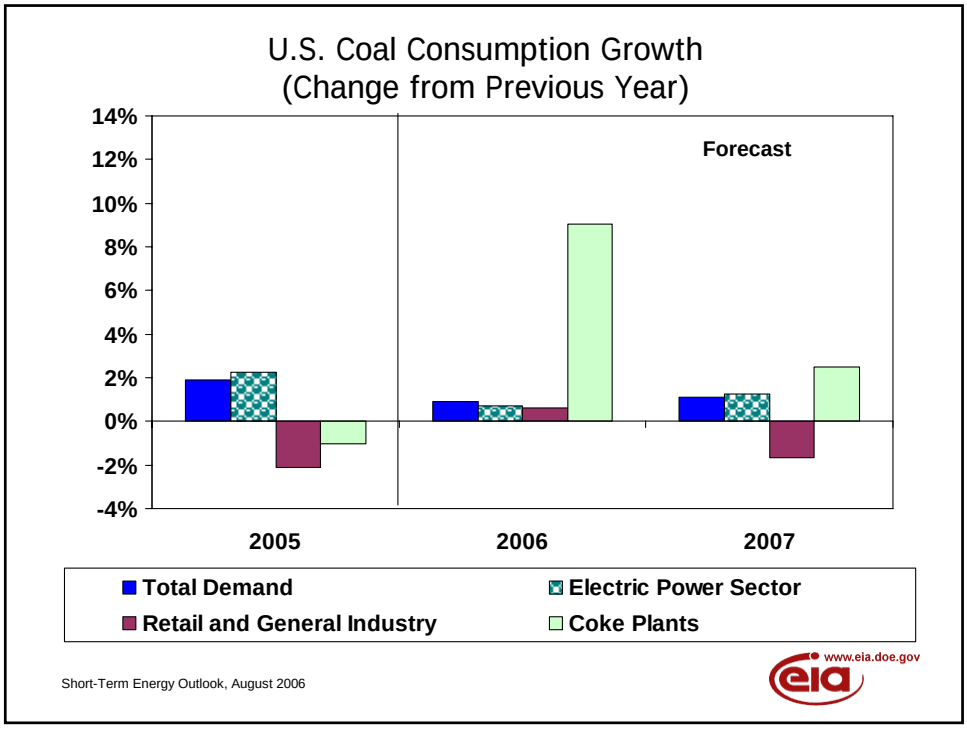
U.S. Coal Consumption Growth
(Change from Previous Year)
14%
12%
10%
8%
6%
4%
2%
0%
-2%
-4%
Forecast
2005
2006
2007
Total Demand
Electric Power Sector
Retail and General Industry
Coke Plants
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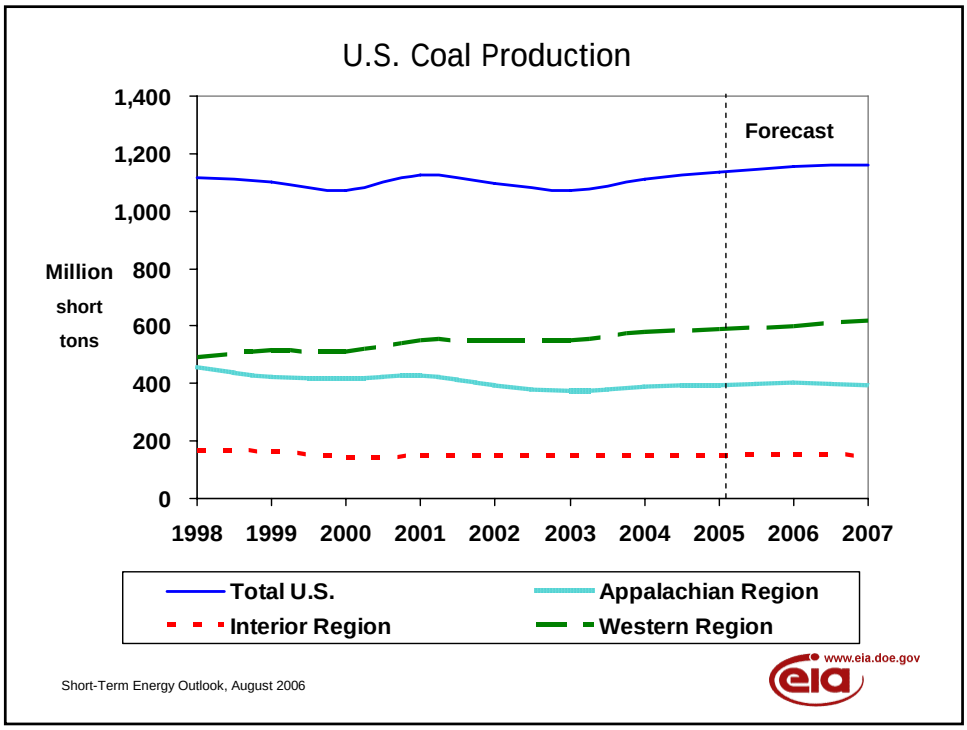
U.S. Coal Production
1,400
1,200
1,000
800
600
400
200
0
Million short tons
Forecast
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
Total U.S.
Appalachian Region
Interior Region
Western Region
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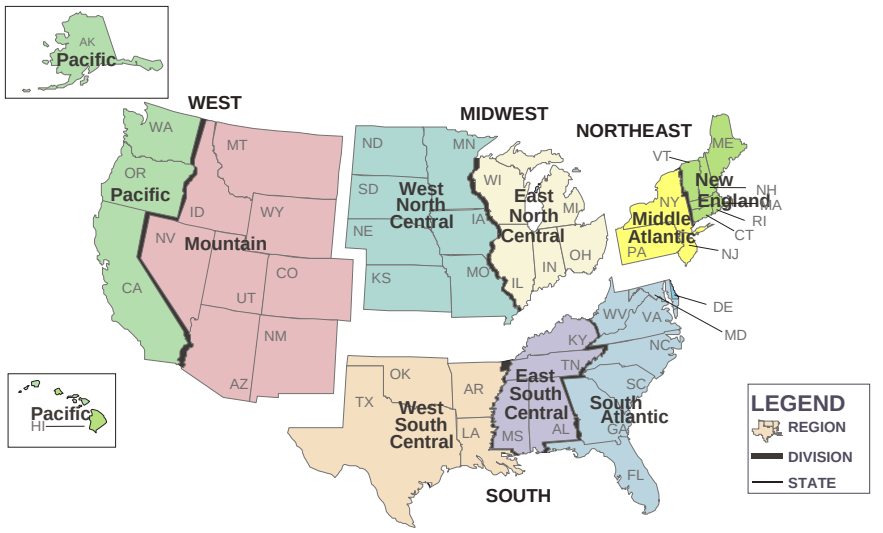
U.S. Census Regions and Census Divisions



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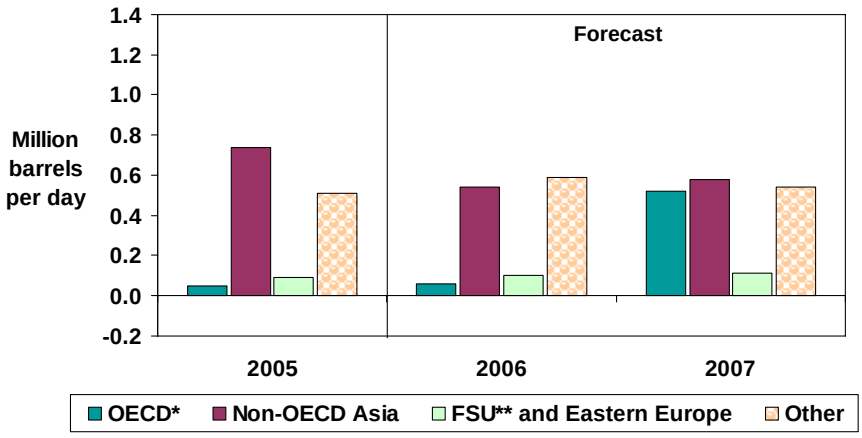
World Oil Consumption Growth 2005-2007
(Change from Previous Year)



* Countries belonging to Organization for Economic Cooperation and Development

** Former Soviet Union

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Additional Charts

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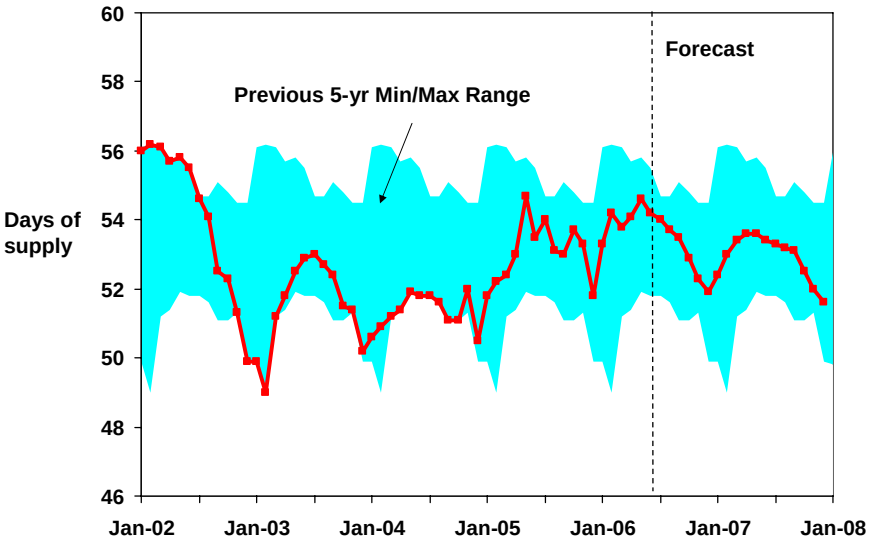
Days of Supply of OECD Commercial Oil Stocks



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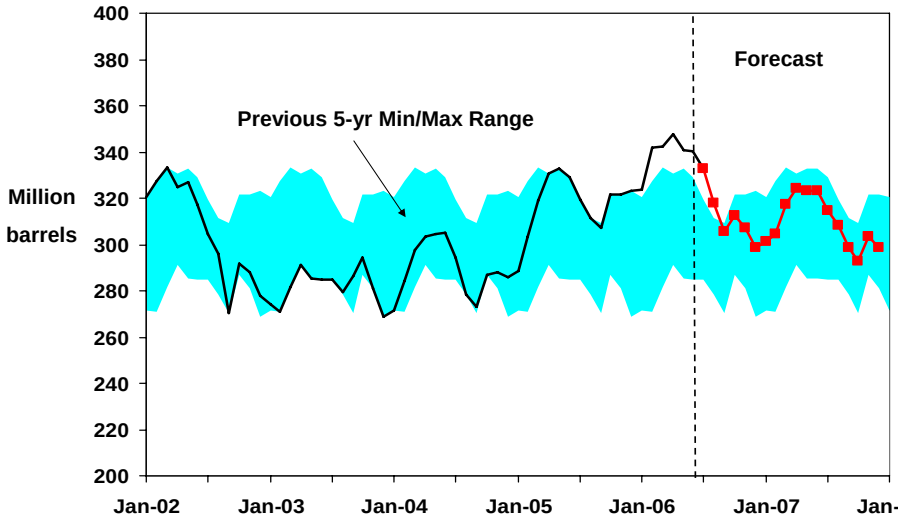
U.S. Crude Oil Stocks



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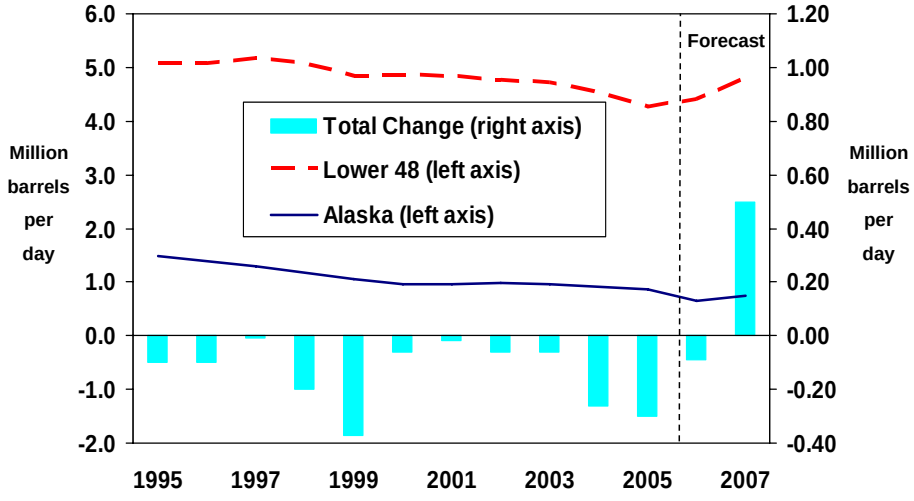
U.S. Crude Oil Production Trends



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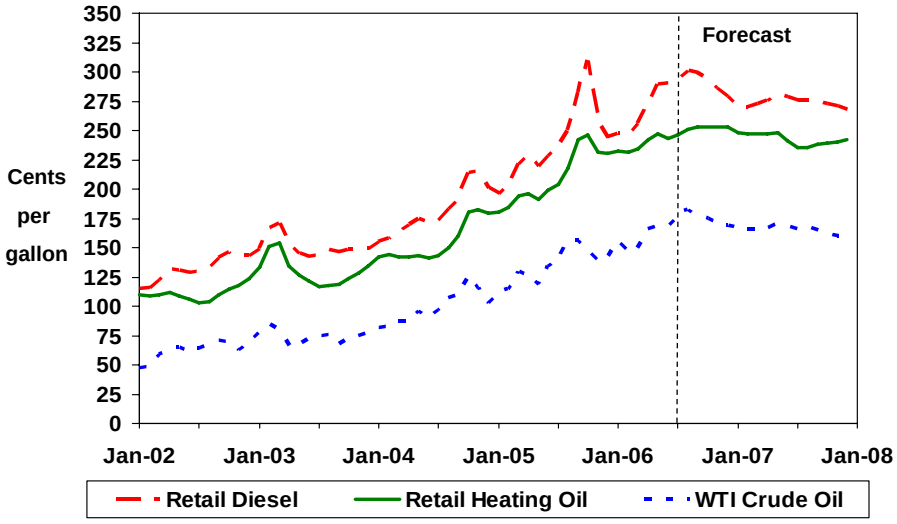
U.S. Distillate Fuel Prices



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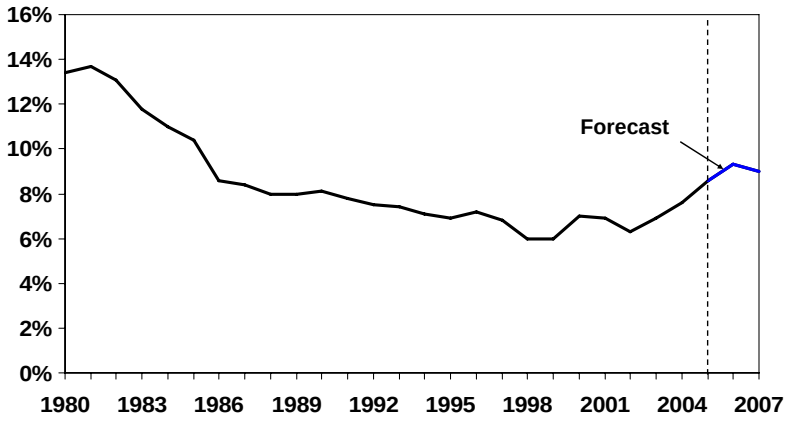
U.S. Annual Energy Expenditures As Percent of GDP*



* Gross Domestic Product

Short-Term Energy Outlook, August 2006

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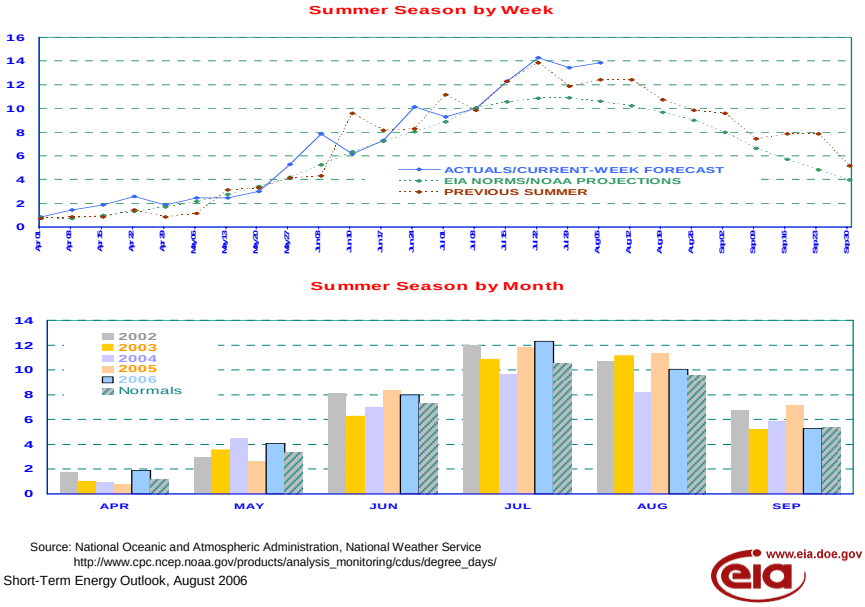
Weather - U.S. Cooling Degree-Days

(Daily average population-weighted)



Source: National Oceanic and Atmospheric Administration, National Weather Service
http://www.cpc.ncep.noaa.gov/products/analysis_monitoring/cdus/degree_days/

Short-Term Energy Outlook, August 2006

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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**	*11506*	*11791*	**3.5**	*3.3*	*2.5*
Imported Crude Oil Price [a]							
(nominal dollars per barrel)	**35.99**	**48.96**	*62.81*	*61.87*	**36.0**	*28.3*	*-1.5*
Crude Oil Production [b] (million barrels per day)	**5.42**	**5.12**	*5.03*	*5.53*	**-5.5**	*-1.8*	*9.9*
Total Petroleum Net Imports (million barrels per day)							
(including SPR)	**12.10**	**12.35**	*12.32*	*12.18*	**2.1**	*-0.3*	*-1.1*
Energy Demand							
World Petroleum							
(million barrels per day)	**82.5**	**83.8**	*85.1*	*86.8*	**1.7**	*1.5*	*2.0*
Petroleum							
(million barrels per day)	**20.73**	**20.66**	*20.67*	*21.07*	**-0.4**	*0.1*	*1.9*
Natural Gas							
(trillion cubic feet)	**22.43**	**21.87**	*21.60*	*22.41*	**-2.5**	*-1.2*	*3.7*
Coal [c]							
(million short tons)	**1107**	**1128**	*1138*	*1151*	**1.9**	*0.9*	*1.1*
Electricity (billion kilowatthours)							
Retail Sales [d]	**3548**	**3660**	*3677*	*3713*	**3.1**	*0.5*	*1.0*
Other Use/Sales [e]	**179**	**171**	*177*	*183*	**-4.7**	*4.0*	*2.9*
Total	**3727**	**3830**	*3854*	*3895*	**2.8**	*0.6*	*1.1*
Total Energy Demand [f]							
(quadrillion Btu)	**99.7**	**99.3**	*99.4*	*101.3*	**-0.5**	*0.1*	*2.0*
Total Energy Demand per Dollar of GDP							
(thousand Btu per 2000 Dollar)	**9.27**	**8.92**	*8.64*	*8.59*	**-3.9**	*-3.1*	*-0.5*
Renewable Energy as Percent of Total [g]	**6.3%**	**6.3%**	*6.6%*	*6.4%*			

[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, July 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**	**11404**	*11466*	*11543*	*11610*	*11672*	*11741*	*11835*	*11916*	***11135***	*11506*	*11791*
Percentage Change from Prior Year	**3.6**	**3.6**	**3.6**	**3.2**	**3.7**	*3.4*	*3.0*	*3.2*	*2.4*	*2.4*	*2.5*	*2.6*	***3.5***	*3.3*	*2.5*
Annualized Percent Change from Prior Quarter	**3.8**	**3.3**	**4.1**	**1.7**	**5.6**	*2.2*	*2.7*	*2.4*	*2.2*	*2.4*	*3.2*	*2.8*			
GDP Implicit Price Deflator (Index, 2000=100)	**111.0**	**111.7**	**112.6**	**113.5**	**114.4**	*115.1*	*115.8*	*116.5*	*117.4*	*117.8*	*118.2*	*118.8*	***112.2***	*115.5*	*118.0*
Percentage Change from Prior Year	**2.8**	**2.5**	**2.9**	**3.1**	**3.1**	*3.1*	*2.9*	*2.6*	*2.6*	*2.3*	*2.0*	*2.0*	***2.8***	*2.9*	*2.2*
Real Disposable Personal Income (billion chained 2000 Dollars - SAAR)	**8098**	**8103**	**8074**	**8176**	**8207**	*8235*	*8295*	*8356*	*8437*	*8518*	*8609*	*8680*	***8113***	*8273*	*8561*
Percentage Change from Prior Year	**2.3**	**2.1**	**1.0**	**0.1**	**1.3**	*1.6*	*2.7*	*2.2*	*2.8*	*3.4*	*3.8*	*3.9*	***1.4***	*2.0*	*3.5*
Manufacturing Production (Index, 2002=100.0)	**108.7**	**109.0**	**109.7**	**112.2**	**113.8**	*115.0*	*116.0*	*116.4*	*116.8*	*117.6*	*118.4*	*119.4*	***109.9***	*115.3*	*118.0*
Percentage Change from Prior Year	**4.8**	**3.4**	**3.1**	**4.3**	**4.7**	*5.5*	*5.8*	*3.7*	*2.6*	*2.2*	*2.0*	*2.6*	***3.9***	*4.9*	*2.3*
OECD Economic Growth (percent) [b]													***2.1***	*3.3*	*2.6*
Weather [c]															
Heating Degree-Days															
U.S.	**2183**	**516**	**48**	**1568**	**1956**	*415*	*92*	*1617*	*2183*	*534*	*97*	*1619*	***4315***	*4080*	*4433*
New England	**3363**	**939**	**67**	**2181**	**2910**	*840*	*172*	*2255*	*3203*	*927*	*181*	*2263*	***6550***	*6177*	*6574*
Middle Atlantic	**3056**	**728**	**33**	**1987**	**2572**	*591*	*117*	*2054*	*2940*	*748*	*123*	*2051*	***5804***	*5334*	*5862*
U.S. Gas-Weighted	**2353**	**561**	**52**	**1694**	**2123**	*460*	*103*	*1729*	*2321*	*586*	*112*	*1735*	***4660***	*4416*	*4755*
Cooling Degree-Days (U.S.)	**29**	**356**	**932**	**79**	**34**	*423*	*860*	*78*	*36*	*346*	*777*	*78*	***1395***	*1395*	*1237*

[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, July 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**	**651.9**	*654.9*	*658.7*	*661.9*	*664.8*	*668.2*	*673.0*	*677.2*	**637.2**	*656.8*	*670.8*
Mid Atlantic	**1683.3**	**1694.4**	**1708.6**	**1715.7**	**1737.8**	*1744.9*	*1754.5*	*1762.9*	*1770.0*	*1778.1*	*1790.2*	*1800.4*	**1700.5**	*1750.0*	*1784.7*
E. N. Central	**1634.2**	**1645.2**	**1658.6**	**1663.6**	**1683.4**	*1690.5*	*1699.4*	*1707.3*	*1714.7*	*1722.8*	*1734.8*	*1745.0*	**1650.4**	*1695.1*	*1729.3*
W. N. Central	**705.3**	**711.0**	**717.9**	**721.9**	**732.2**	*736.0*	*741.1*	*745.4*	*749.3*	*754.0*	*759.7*	*764.8*	**714.0**	*738.7*	*757.0*
S. Atlantic	**2023.2**	**2043.5**	**2067.9**	**2078.6**	**2107.5**	*2120.6*	*2136.8*	*2151.6*	*2165.3*	*2180.1*	*2199.5*	*2216.1*	**2053.3**	*2129.1*	*2190.2*
E. S. Central	**533.3**	**537.0**	**541.2**	**544.1**	**550.0**	*553.1*	*556.1*	*559.2*	*562.1*	*565.3*	*569.7*	*573.4*	**538.9**	*554.6*	*567.6*
W. S. Central	**1134.7**	**1144.6**	**1155.4**	**1150.1**	**1167.6**	*1175.6*	*1185.0*	*1193.3*	*1200.5*	*1208.0*	*1218.1*	*1226.7*	**1146.2**	*1180.4*	*1213.3*
Mountain	**704.8**	**713.7**	**724.2**	**732.3**	**744.4**	*749.6*	*756.2*	*762.2*	*768.1*	*774.6*	*782.6*	*789.6*	**718.7**	*753.1*	*778.7*
Pacific	**1932.2**	**1949.9**	**1975.4**	**1986.8**	**2016.5**	*2028.4*	*2042.3*	*2054.1*	*2065.1*	*2077.4*	*2094.7*	*2109.8*	**1961.1**	*2035.3*	*2086.8*
Industrial Output, Manufacturing (Index, Year 1997=100)															
New England	**106.3**	**106.4**	**107.5**	**109.7**	**111.1**	*111.9*	*112.4*	*112.2*	*112.3*	*112.8*	*113.5*	*114.3*	**107.5**	*111.9*	*113.2*
Mid Atlantic	**104.8**	**104.4**	**104.7**	**106.3**	**107.7**	*108.7*	*109.6*	*109.9*	*110.3*	*111.0*	*111.7*	*112.5*	**105.0**	*109.0*	*111.3*
E. N. Central	**108.2**	**108.2**	**108.7**	**111.4**	**113.1**	*114.4*	*115.4*	*115.9*	*116.4*	*117.2*	*118.0*	*119.0*	**109.1**	*114.7*	*117.6*
W. N. Central	**112.9**	**113.9**	**114.8**	**118.3**	**119.9**	*121.3*	*122.8*	*123.5*	*124.1*	*125.1*	*126.1*	*127.3*	**115.0**	*121.9*	*125.6*
S. Atlantic	**107.1**	**107.5**	**108.5**	**110.5**	**112.0**	*113.0*	*114.0*	*114.3*	*114.5*	*115.2*	*115.9*	*116.6*	**108.4**	*113.3*	*115.6*
E. S. Central	**111.1**	**112.0**	**112.3**	**114.9**	**116.7**	*118.0*	*119.1*	*119.9*	*120.3*	*121.2*	*122.0*	*123.1*	**112.6**	*118.4*	*121.7*
W. S. Central	**108.6**	**109.1**	**109.9**	**111.8**	**113.5**	*114.7*	*115.9*	*116.2*	*116.7*	*117.5*	*118.3*	*119.3*	**109.8**	*115.1*	*118.0*
Mountain	**112.8**	**113.5**	**114.4**	**117.1**	**118.6**	*119.8*	*121.0*	*121.3*	*121.6*	*122.5*	*123.4*	*124.4*	**114.4**	*120.2*	*123.0*
Pacific	**109.7**	**110.1**	**111.0**	**114.2**	**116.0**	*117.1*	*118.0*	*118.1*	*118.4*	*119.3*	*120.2*	*121.3*	**111.2**	*117.3*	*119.8*
Real Personal Income (Billion $2000)															
New England	**538.8**	**538.7**	**538.8**	**543.4**	**546.2**	*548.7*	*551.2*	*555.2*	*559.7*	*564.8*	*569.5*	*573.6*	**539.9**	*550.3*	*566.9*
Mid Atlantic	**1426.3**	**1424.4**	**1424.8**	**1438.1**	**1444.6**	*1451.7*	*1459.7*	*1471.1*	*1484.1*	*1497.4*	*1510.3*	*1521.5*	**1428.4**	*1456.8*	*1503.3*
E. N. Central	**1387.6**	**1388.7**	**1389.3**	**1401.0**	**1410.0**	*1417.4*	*1424.6*	*1435.0*	*1447.5*	*1459.6*	*1471.2*	*1481.0*	**1391.6**	*1421.7*	*1464.8*
W. N. Central	**597.5**	**593.6**	**595.0**	**602.9**	**606.5**	*609.2*	*612.3*	*616.8*	*621.8*	*627.1*	*632.1*	*636.4*	**597.3**	*611.2*	*629.3*
S. Atlantic	**1688.5**	**1696.7**	**1701.8**	**1720.0**	**1732.5**	*1743.9*	*1758.5*	*1777.0*	*1796.9*	*1816.4*	*1835.3*	*1852.3*	**1701.7**	*1753.0*	*1825.2*
E. S. Central	**457.4**	**461.2**	**460.4**	**463.5**	**469.0**	*472.3*	*473.7*	*476.8*	*479.9*	*483.3*	*486.4*	*489.1*	**460.6**	*472.9*	*484.7*
W. S. Central	**935.2**	**941.5**	**913.3**	**935.1**	**957.9**	*962.9*	*967.9*	*975.6*	*985.0*	*995.2*	*1005.4*	*1014.4*	**931.3**	*966.1*	*1000.0*
Mountain	**577.6**	**582.5**	**584.5**	**591.6**	**597.2**	*601.9*	*606.5*	*612.4*	*619.2*	*626.3*	*633.0*	*639.0*	**584.1**	*604.5*	*629.4*
Pacific	**1556.2**	**1563.8**	**1566.1**	**1583.4**	**1593.7**	*1602.8*	*1613.6*	*1627.4*	*1643.2*	*1659.5*	*1674.8*	*1688.4*	**1567.4**	*1609.4*	*1666.5*
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*	*18.1*	*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*	*7.0*
Mid Atlantic	**18.2**	**18.3**	**18.3**	**18.4**	**18.4**	*18.4*	*18.5*	*18.5*	*18.6*	*18.6*	*18.7*	*18.7*	**18.3**	*18.5*	*18.6*
E. N. Central	**21.4**	**21.4**	**21.5**	**21.5**	**21.5**	*21.6*	*21.6*	*21.7*	*21.7*	*21.7*	*21.8*	*21.8*	**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**	*10.0*	*10.1*
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*	*7.7*	*7.8*	**7.6**	*7.7*	*7.7*
W. S. Central	**14.1**	**14.2**	**14.2**	**14.1**	**14.2**	*14.3*	*14.3*	*14.4*	*14.5*	*14.6*	*14.6*	*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*	*9.6*
Pacific	**19.9**	**20.0**	**20.2**	**20.3**	**20.3**	*20.4*	*20.5*	*20.5*	*20.6*	*20.6*	*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**	**1987**	*1991*	*2005*	*2008*	*2006*	*2007*	*2013*	*2025*	**1897**	*1998*	*2013*
Business Inventory Change (billion chained 2000 dollars-SAAR)	**25.1**	**-8.4**	**-2.5**	**0.6**	**8.1**	*10.7*	*12.0*	*11.3*	*8.2*	*3.0*	*3.0*	*3.7*	**3.7**	*10.5*	*4.5*
Producer Price Index (index, 1982=1.000)	**1.519**	**1.540**	**1.588**	**1.649**	**1.626**	*1.636*	*1.663*	*1.684*	*1.691*	*1.677*	*1.688*	*1.691*	**1.574**	*1.652*	*1.687*
Consumer Price Index (index, 1982-1984=1.000)	**1.922**	**1.940**	**1.966**	**1.982**	**1.993**	*2.013*	*2.027*	*2.035*	*2.048*	*2.054*	*2.062*	*2.074*	**1.953**	*2.017*	*2.059*
Petroleum Product Price Index (index, 1982=1.000)	**1.360**	**1.545**	**1.833**	**1.862**	**1.771**	*2.108*	*2.139*	*1.963*	*1.904*	*2.033*	*1.964*	*1.856*	**1.650**	*1.995*	*1.940*
Non-Farm Employment (millions)	**132.7**	**133.2**	**133.7**	**134.2**	**134.7**	*135.1*	*135.6*	*136.0*	*136.4*	*136.8*	*137.3*	*137.8*	**133.5**	*135.3*	*137.1*
Commercial Employment (millions)	**87.2**	**87.6**	**88.1**	**88.4**	**88.8**	*89.1*	*89.5*	*89.8*	*90.1*	*90.5*	*91.0*	*91.4*	**87.8**	*89.3*	*90.7*
Total Industrial Production (index, 2002=100.0)	**107.2**	**107.6**	**108.0**	**109.4**	**110.8**	*112.4*	*113.2*	*113.5*	*113.8*	*114.5*	*115.2*	*115.8*	**108.1**	*112.5*	*114.8*
Housing Stock (millions)	**119.6**	**120.0**	**120.1**	**120.5**	**120.9**	*121.3*	*121.6*	*122.0*	*122.3*	*122.7*	*123.0*	*123.3*	**120.5**	*122.0*	*123.3*
Miscellaneous															
Gas Weighted Industrial Production (index, 2002=100.0)	**103.8**	**102.0**	**98.5**	**98.0**	**102.2**	*103.0*	*104.0*	*104.2*	*105.0*	*106.2*	*107.1*	*107.7*	**100.6**	*103.4*	*106.5*
Vehicle Miles Traveled [b] (million miles/day)	**7682**	**8470**	**8354**	**7985**	**7790**	*8439*	*8412*	*8046*	*7781*	*8532*	*8546*	*8203*	**8124**	*8173*	*8267*
Vehicle Fuel Efficiency (index, 1999=1.000)	**1.016**	**1.072**	**1.056**	**1.027**	**1.026**	*1.061*	*1.047*	*1.029*	*1.016*	*1.067*	*1.056*	*1.028*	**1.043**	*1.041*	*1.042*
Real Vehicle Fuel Cost (cents per mile)	**5.00**	**5.27**	**6.15**	**5.88**	**5.75**	*6.56*	*6.96*	*6.37*	*6.14*	*6.43*	*6.20*	*5.91*	**5.59**	*6.43*	*6.17*
Air Travel Capacity (mill. available ton-miles/day)	**536.1**	**560.0**	**559.4**	**539.3**	**527.2**	*548.2*	*560.0*	*558.8*	*544.4*	*566.1*	*566.7*	*566.9*	**548.7**	*548.6*	*561.1*
Aircraft Utilization (mill. revenue ton-miles/day)	**309.0**	**334.7**	**338.3**	**319.5**	**312.8**	*342.4*	*348.2*	*325.7*	*327.1*	*348.3*	*352.8*	*333.1*	**325.5**	*332.3*	*340.4*
Airline Ticket Price Index (index, 1982-1984=1.000)	**2.218**	**2.402**	**2.449**	**2.396**	**2.393**	*2.527*	*2.575*	*2.469*	*2.478*	*2.504*	*2.505*	*2.446*	**2.366**	*2.491*	*2.483*
Raw Steel Production (million tons)	**26.57**	**25.57**	**26.44**	**26.13**	**27.64**	*28.02*	*28.04*	*27.14*	*27.74*	*27.73*	*27.58*	*26.78*	**104.71**	*110.85*	*109.83*

[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, July 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**	*20.5*	*20.8*	*20.9*	*20.9*	*20.8*	*21.2*	*21.4*	**20.7**	*20.7*	*21.1*
U.S. Territories	**0.4**	**0.4**	**0.3**	**0.4**	**0.3**	*0.4*	*0.4*	*0.4*	*0.4*	*0.4*	*0.4*	*0.4*	**0.4**	*0.4*	*0.4*
Canada	**2.4**	**2.2**	**2.2**	**2.2**	**2.2**	*2.1*	*2.3*	*2.2*	*2.2*	*2.1*	*2.3*	*2.3*	**2.3**	*2.2*	*2.2*
Europe	**15.6**	**15.1**	**15.5**	**15.6**	**15.7**	*15.2*	*15.5*	*15.7*	*15.5*	*15.3*	*15.5*	*15.7*	**15.5**	*15.5*	*15.5*
Japan	**6.0**	**4.9**	**5.0**	**5.5**	**6.0**	*4.9*	*5.1*	*5.5*	*6.0*	*4.9*	*5.1*	*5.5*	**5.4**	*5.4*	*5.4*
Other OECD	**5.5**	**5.2**	**5.1**	**5.4**	**5.4**	*5.2*	*5.3*	*5.4*	*5.5*	*5.3*	*5.4*	*5.6*	**5.3**	*5.3*	*5.4*
Total OECD	**50.4**	**48.4**	**49.0**	**49.8**	**50.0**	*48.3*	*49.4*	*50.2*	*50.4*	*48.7*	*49.9*	*50.9*	**49.4**	*49.5*	*50.0*
Non-OECD															
Former Soviet Union	**4.3**	**3.8**	**4.0**	**4.6**	**4.4**	*3.9*	*4.1*	*4.7*	*4.5*	*4.0*	*4.2*	*4.8*	**4.2**	*4.3*	*4.4*
Europe	**0.7**	**0.7**	**0.6**	**0.7**	**0.7**	*0.7*	*0.6*	*0.7*	*0.8*	*0.7*	*0.6*	*0.7*	**0.7**	*0.7*	*0.7*
China	**6.6**	**6.9**	**6.9**	**7.1**	**7.2**	*7.3*	*7.4*	*7.6*	*7.6*	*7.8*	*7.9*	*8.1*	**6.9**	*7.4*	*7.9*
Other Asia	**8.3**	**8.7**	**8.4**	**9.1**	**8.4**	*8.8*	*8.5*	*9.1*	*8.5*	*8.8*	*8.6*	*9.2*	**8.6**	*8.7*	*8.8*
Other Non-OECD	**13.8**	**13.9**	**14.1**	**14.1**	**14.4**	*14.5*	*14.7*	*14.7*	*15.0*	*15.0*	*15.3*	*15.3*	**14.0**	*14.6*	*15.1*
Total Non-OECD	**33.8**	**34.0**	**34.2**	**35.6**	**35.1**	*35.2*	*35.4*	*36.8*	*36.3*	*36.4*	*36.6*	*38.1*	**34.4**	*35.6*	*36.9*
Total World Demand	**84.3**	**82.4**	**83.2**	**85.5**	**85.1**	*83.5*	*84.8*	*87.1*	*86.7*	*85.1*	*86.5*	*89.0*	**83.8**	*85.1*	*86.8*
Supply [b]															
OECD															
U.S. (50 States)	**8.7**	**8.8**	**7.9**	**7.6**	**8.2**	*8.3*	*8.1*	*8.3*	*8.7*	*8.7*	*8.8*	*8.9*	**8.2**	*8.2*	*8.8*
Canada	**3.0**	**3.1**	**3.0**	**3.3**	**3.2**	*3.2*	*3.3*	*3.3*	*3.6*	*3.5*	*3.5*	*3.6*	**3.1**	*3.2*	*3.6*
Mexico	**3.8**	**3.9**	**3.7**	**3.7**	**3.8**	*3.8*	*3.9*	*3.8*	*3.7*	*3.8*	*3.8*	*3.7*	**3.8**	*3.8*	*3.7*
North Sea [c]	**5.5**	**5.2**	**5.0**	**5.0**	**5.1**	*4.8*	*4.6*	*4.8*	*4.9*	*4.6*	*4.4*	*4.6*	**5.2**	*4.8*	*4.6*
Other OECD	**1.5**	**1.6**	**1.5**	**1.5**	**1.4**	*1.6*	*1.6*	*1.6*	*1.6*	*1.6*	*1.6*	*1.6*	**1.5**	*1.6*	*1.6*
Total OECD	**22.4**	**22.5**	**21.2**	**21.1**	**21.8**	*21.7*	*21.5*	*21.8*	*22.5*	*22.2*	*22.1*	*22.5*	**21.8**	*21.7*	*22.3*
Non-OECD															
OPEC	**33.8**	**34.2**	**34.5**	**34.2**	**33.9**	*33.8*	*34.0*	*34.2*	*34.2*	*34.3*	*34.8*	*34.9*	**34.2**	*34.0*	*34.5*
Crude Oil Portion	**29.6**	**30.0**	**30.3**	**30.0**	**29.7**	*29.4*	*29.6*	*29.7*	*29.6*	*29.7*	*30.2*	*30.2*	**30.0**	*29.6*	*29.9*
Former Soviet Union	**11.5**	**11.6**	**11.7**	**12.1**	**12.0**	*12.0*	*12.1*	*12.3*	*12.4*	*12.4*	*12.6*	*12.7*	**11.7**	*12.1*	*12.5*
China	**3.7**	**3.8**	**3.8**	**3.7**	**3.8**	*3.7*	*3.7*	*3.7*	*3.7*	*3.7*	*3.7*	*3.7*	**3.8**	*3.8*	*3.7*
Other Non-OECD	**12.6**	**12.8**	**13.0**	**13.2**	**13.3**	*13.1*	*13.3*	*13.4*	*13.7*	*13.7*	*13.9*	*14.0*	**12.9**	*13.3*	*13.8*
Total Non-OECD	**61.7**	**62.4**	**63.0**	**63.2**	**63.0**	*62.6*	*63.3*	*63.7*	*63.9*	*64.1*	*65.1*	*65.3*	**62.6**	*63.1*	*64.6*
Total World Supply	**84.1**	**84.9**	**84.2**	**84.4**	**84.8**	*84.3*	*84.8*	*85.5*	*86.4*	*86.3*	*87.2*	*87.8*	**84.4**	*84.8*	*87.0*
Stock Changes [d] (Incl. Strategic) and Balance															
U.S. (50 States) Stk. Chg.	**-0.1**	**-0.9**	**0.4**	**0.1**	**0.0**	*-0.5*	0.3	*0.3*	*0.3*	*-0.6*	*0.1*	*0.3*	**-0.1**	*0.0*	*0.0*
Other OECD Stock Chg.	**0.0**	**-0.3**	**-0.6**	**0.5**	**-0.3**	*-0.4*	-0.4	*0.4*	*-0.1*	*-0.1*	*-0.5*	*0.4*	**-0.1**	*-0.2*	*-0.1*
Other Stk. Chgs. and Bal.	**0.2**	**-1.2**	**-0.7**	**0.4**	**0.6**	*0.1*	0.1	*0.9*	*0.2*	*-0.5*	*-0.3*	*0.5*	**-0.3**	*0.4*	*0.0*
Total	**0.1**	**-2.4**	**-1.0**	**1.1**	**0.3**	*-0.8*	0.0	*1.6*	*0.3*	*-1.2*	*-0.7*	*1.2*	**-0.6**	*0.3*	*-0.1*
OECD Comm. Stks., End	**2.54**	**2.62**	**2.64**	**2.59**	**2.60**	*2.68*	2.69	*2.62*	*2.60*	*2.67*	*2.70*	*2.64*	**2.59**	*2.62*	*2.64*
Non-OPEC Supply	**50.3**	**50.7**	**49.7**	**50.2**	**50.9**	*50.5*	50.7	*51.2*	*52.2*	*52.0*	*52.4*	*53.0*	**50.2**	*50.8*	*52.4*

[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	June 2006	July 2006		
	OPEC 10 Quota	Production	Production	Capacity	Surplus Capacity
Algeria	894	1,340	1,360	1,360	0
Indonesia	1,451	910	890	890	0
Iran	4,110	3,750	3,750	3,750	0
Kuwait	2,247	2,525	2,550	2,550	0
Libya	1,500	1,700	1,700	1,700	0
Nigeria	2,306	2,250	2,100	2,100	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	2,600	2,600	0
Venezuela	3,223	2,500	2,400	2,400	0
OPEC 10	28,000	27,475	27,350	28,650 - 29,150	1,300 - 1,800
Iraq		2,200	2,100	2,100	0
Crude Oil Total		29,675	29,450	30,750 - 31,250	1,300 - 1,800
Other Liquids		4,120	4,168		
Total OPEC Supply		33,795	33,618		

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 ($/barrel)															
Imported Average [a]	**41.06**	**45.91**	**56.69**	**52.01**	**54.72**	*63.38*	*68.30*	*64.36*	*61.69*	*63.51*	*62.68*	*59.51*	**48.96**	*62.81*	*61.87*
WTI [b] Spot Average	**49.73**	**53.05**	**63.19**	**60.00**	**63.27**	*70.41*	*75.30*	*72.17*	*69.83*	*70.67*	*69.67*	*67.33*	**56.49**	*70.29*	*69.38*
Natural Gas ($/mcf)															
Average Wellhead	**5.70**	**6.20**	**7.89**	**10.17**	**7.49**	*6.20*	*6.43*	*8.18*	*8.53*	*6.42*	*6.77*	*8.20*	**7.45**	*7.07*	*7.48*
Henry Hub Spot	**6.62**	**7.14**	**9.23**	**12.64**	**7.94**	*6.74*	*7.15*	*8.93*	*9.18*	*6.97*	*7.39*	*9.15*	**8.86**	*7.69*	*8.17*
Petroleum Products ($/gallon)															
Gasoline Retail [c]															
All Grades	**1.98**	**2.23**	**2.59**	**2.43**	**2.39**	*2.89*	*3.04*	*2.74*	*2.63*	*2.89*	*2.76*	*2.58*	**2.31**	*2.77*	*2.71*
Regular	**1.94**	**2.19**	**2.56**	**2.39**	**2.34**	*2.84*	*2.99*	*2.70*	*2.58*	*2.84*	*2.72*	*2.53*	**2.27**	*2.72*	*2.67*
Distillate Fuel															
Retail Diesel	**2.07**	**2.26**	**2.56**	**2.71**	**2.50**	*2.84*	*2.98*	*2.87*	*2.71*	*2.78*	*2.75*	*2.70*	**2.41**	*2.81*	*2.74*
Wlsle. Htg. Oil	**1.39**	**1.53**	**1.80**	**1.82**	**1.75**	*1.99*	*2.11*	*2.05*	*1.97*	*1.99*	*1.98*	*1.94*	**1.63**	*1.96*	*1.97*
Retail Heating Oil	**1.85**	**1.95**	**2.24**	**2.34**	**2.33**	*2.44*	*2.50*	*2.53*	*2.48*	*2.46*	*2.36*	*2.41*	**2.04**	*2.42*	*2.44*
No. 6 Residual Fuel [d]	**0.82**	**1.00**	**1.14**	**1.23**	**1.25**	*1.30*	*1.34*	*1.34*	*1.33*	*1.31*	*1.29*	*1.28*	**1.06**	*1.31*	*1.30*
Electric Power Sector ($/mmBtu)															
Coal	**1.48**	**1.54**	**1.55**	**1.57**	**1.68**	*1.67*	*1.66*	*1.65*	*1.67*	*1.69*	*1.67*	*1.64*	**1.54**	*1.66*	*1.67*
Heavy Fuel Oil [e]	**5.38**	**6.56**	**7.59**	**8.33**	**8.02**	*8.59*	*9.16*	*8.99*	*8.66*	*8.53*	*8.51*	*8.33*	**7.11**	*8.82*	*8.52*
Natural Gas	**6.42**	**6.85**	**8.58**	**10.78**	**7.94**	*6.94*	*7.01*	*8.77*	*9.19*	*6.95*	*7.25*	*8.80*	**8.21**	*7.53*	*7.89*
Other Residential															
Natural Gas ($/mcf)	**10.98**	**12.62**	**15.73**	**15.30**	**14.04**	*13.64*	*14.80*	*13.74*	*13.56*	*12.73*	*15.10*	*13.52*	**12.82**	*13.95*	*13.53*
Electricity (c/Kwh)	**8.69**	**9.54**	**9.86**	**9.55**	**9.73**	*10.54*	*10.62*	*10.10*	*10.00*	*10.90*	*11.09*	*10.50*	**9.43**	*10.27*	*10.63*

[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**	*5.10*	*4.94*	*5.04*	*5.47*	*5.51*	*5.51*	*5.61*	**5.12**	*5.03*	*5.53*
Alaska	**0.92**	**0.87**	**0.81**	**0.86**	**0.80**	*0.79*	*0.47*	*0.52*	*0.80*	*0.74*	*0.68*	*0.75*	**0.86**	*0.64*	*0.74*
Federal GOM [b]	**1.51**	**1.56**	**1.10**	**0.85**	**1.24**	*1.29*	*1.36*	*1.38*	*1.57*	*1.71*	*1.76*	*1.77*	**1.26**	*1.32*	*1.70*
Other Lower 48	**3.02**	**3.03**	**3.01**	**2.94**	**3.00**	*3.01*	*3.11*	*3.14*	*3.09*	*3.07*	*3.08*	*3.09*	**3.00**	*3.07*	*3.08*
Net Commercial Imports [c]	**10.01**	**10.34**	**9.86**	**9.84**	**9.79**	*10.21*	*10.21*	*10.30*	*9.86*	*10.42*	*10.20*	*10.05*	**10.01**	*10.13*	*10.13*
Net SPR Withdrawals	**-0.13**	**-0.09**	**0.04**	**0.10**	**-0.03**	*-0.03*	*0.01*	*-0.05*	*-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**	*0.02*	*0.38*	*0.08*	*-0.21*	*0.03*	*0.24*	*0.01*	**-0.10**	*0.07*	*0.02*
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**	*0.16*	*0.08*	*0.05*	*0.10*	*0.14*	*0.09*	*0.03*	**0.19**	*0.09*	*0.09*
Total Crude Oil Supply	**15.15**	**15.93**	**15.18**	**14.56**	**14.66**	*15.47*	*15.61*	*15.42*	*15.18*	*16.10*	*16.04*	*15.70*	**15.20**	*15.29*	*15.76*
Other Supply															
NGL Production	**1.84**	**1.82**	**1.65**	**1.53**	**1.68**	*1.74*	*1.75*	*1.79*	*1.76*	*1.76*	*1.79*	*1.81*	**1.71**	*1.74*	*1.78*
Other Inputs [d]	**0.43**	**0.45**	**0.44**	**0.43**	**0.47**	*0.47*	*0.45*	*0.44*	*0.45*	*0.46*	*0.48*	*0.46*	**0.44**	*0.46*	*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**	*1.00*	*0.99*	*1.02*	*0.99*	*1.01*	*1.01*	*1.05*	**0.98**	*1.00*	*1.01*
Net Product Imports [e]	**1.85**	**1.95**	**2.49**	**3.05**	**2.29**	*2.33*	*2.17*	*1.96*	*1.99*	*2.05*	*2.09*	*2.05*	**2.34**	*2.19*	*2.05*
Product Stock Withdrawn	**0.37**	**-0.69**	**0.09**	**0.18**	**0.28**	*-0.51*	*-0.12*	*0.31*	*0.52*	*-0.60*	*-0.17*	*0.30*	**-0.01**	*-0.01*	*0.01*
Total Supply	**20.64**	**20.51**	**20.77**	**20.70**	**20.37**	*20.49*	*20.86*	*20.95*	*20.90*	*20.78*	*21.24*	*21.38*	**20.66**	*20.67*	*21.07*
Demand															
Motor Gasoline	**8.86**	**9.26**	**9.27**	**9.11**	**8.90**	*9.32*	*9.41*	*9.17*	*8.97*	*9.36*	*9.47*	*9.34*	**9.13**	*9.20*	*9.29*
Jet Fuel	**1.60**	**1.61**	**1.65**	**1.65**	**1.55**	*1.66*	*1.68*	*1.71*	*1.63*	*1.68*	*1.73*	*1.72*	**1.63**	*1.65*	*1.69*
Distillate Fuel Oil	**4.25**	**4.06**	**3.98**	**4.15**	**4.32**	*4.08*	*4.14*	*4.30*	*4.45*	*4.20*	*4.18*	*4.38*	**4.11**	*4.21*	*4.30*
Residual Fuel Oil	**0.90**	**0.79**	**0.98**	**0.98**	**0.82**	*0.66*	*0.68*	*0.78*	*0.86*	*0.68*	*0.74*	*0.81*	**0.91**	*0.74*	*0.77*
Other Oils [f]	**5.03**	**4.80**	**4.88**	**4.81**	**4.79**	*4.80*	*4.93*	*4.98*	*4.98*	*4.86*	*5.12*	*5.12*	**4.88**	*4.87*	*5.02*
Total Demand	**20.63**	**20.51**	**20.77**	**20.70**	**20.38**	*20.51*	*20.84*	*20.94*	*20.89*	*20.78*	*21.23*	*21.37*	**20.66**	*20.67*	*21.07*
Total Petroleum Net Imports	**11.86**	**12.29**	**12.35**	**12.89**	**12.08**	*12.54*	*12.38*	*12.27*	*11.86*	*12.48*	*12.29*	*12.10*	**12.35**	*12.32*	*12.18*
Closing Stocks (million barrels)															
Crude Oil (excluding SPR)	**319**	**329**	**307**	**323**	**342**	*340*	*306*	*299*	*317*	*315*	*293*	*292*	**323**	*299*	*292*
Total Motor Gasoline	**212**	**216**	**196**	**207**	**210**	*215*	*205*	*214*	*211*	*219*	*208*	*214*	**207**	*214*	*214*
Finished Motor Gasoline	**138**	**142**	**128**	**135**	**124**	*122*	*117*	*129*	*121*	*132*	*125*	*131*	**135**	*129*	*131*
Blending Components	**74**	**74**	**68**	**72**	**85**	*93*	*89*	*85*	*90*	*87*	*83*	*83*	**72**	*85*	*83*
Jet Fuel	**38**	**41**	**37**	**42**	**42**	*39*	*41*	*40*	*38*	*40*	*41*	*40*	**42**	*40*	*40*
Distillate Fuel Oil	**104**	**119**	**128**	**136**	**120**	*131*	*134*	*139*	*112*	*120*	*130*	*136*	**136**	*139*	*136*
Residual Fuel Oil	**39**	**37**	**34**	**37**	**42**	*42*	*40*	*41*	*39*	*39*	*36*	*40*	**37**	*41*	*40*
Other Oils [g]	**256**	**300**	**309**	**266**	**250**	*282*	*300*	*257*	*246*	*282*	*300*	*258*	**266**	*257*	*258*
Total Stocks (excluding SPR)	**969**	**1042**	**1012**	**1011**	**1006**	*1050*	*1026*	*990*	*962*	*1014*	*1008*	*979*	**1011**	*990*	*979*
Crude Oil in SPR	**688**	**696**	**694**	**685**	**686**	*688*	*688*	*692*	*696*	*696*	*696*	*696*	**685**	*692*	*696*
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**	*1740*	*1716*	*1684*	*1660*	*1712*	*1706*	*1677*	**1698**	*1684*	*1677*

[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

	2005				2006				2007				Year		
Sector	**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**	*59.0*	*51.5*	*58.3*	*57.9*	*63.1*	*56.8*	*59.5*	**51.5**	*58.3*	*59.5*
PADD 2	**52.5**	**50.9**	**51.1**	**53.4**	**54.8**	*51.4*	*49.5*	*51.9*	*52.4*	*54.2*	*51.7*	*52.9*	**53.4**	*51.9*	*52.9*
PADD 3	**66.0**	**67.5**	**56.7**	**64.5**	**64.3**	*67.1*	*67.8*	*65.9*	*64.5*	*65.6*	*64.1*	*64.0*	**64.5**	*65.9*	*64.0*
PADD 4	**6.4**	**6.2**	**5.6**	**5.9**	**6.1**	*5.8*	*5.7*	*6.5*	*6.7*	*5.9*	*5.8*	*6.4*	**5.9**	*6.5*	*6.4*
PADD 5	**30.2**	**31.4**	**29.6**	**31.7**	**31.5**	*31.7*	*30.7*	*31.4*	*29.4*	*29.9*	*29.7*	*30.9*	**31.7**	*31.4*	*30.9*
U.S.															
Total	**211.7**	**216.2**	**196.5**	**207.0**	**209.5**	*215.0*	*205.2*	*213.9*	*210.9*	*218.8*	*208.0*	*213.7*	**207.0**	*213.9*	*213.7*
Total End-of-period Finished Gasoline Inventories (million barrels)															
PADD 1	**42.2**	**45.4**	**39.1**	**39.0**	**34.6**	*30.9*	*26.9*	*34.2*	*31.5*	*38.3*	*33.8*	*36.7*	**39.0**	*34.2*	*36.7*
PADD 2	**37.5**	**36.4**	**37.4**	**39.2**	**37.4**	*36.6*	*34.8*	*37.8*	*37.2*	*38.3*	*37.0*	*38.4*	**39.2**	*37.8*	*38.4*
PADD 3	**43.5**	**45.6**	**37.9**	**43.8**	**38.9**	*40.0*	*41.2*	*42.1*	*38.8*	*41.2*	*40.5*	*41.9*	**43.8**	*42.1*	*41.9*
PADD 4	**4.7**	**4.5**	**4.2**	**4.3**	**4.4**	*4.4*	*4.2*	*4.5*	*4.9*	*4.4*	*4.4*	*4.5*	**4.3**	*4.5*	*4.5*
PADD 5	**9.9**	**10.0**	**9.5**	**8.5**	**9.1**	*9.9*	*9.5*	*10.0*	*8.3*	*9.7*	*9.0*	*9.6*	**8.5**	*10.0*	*9.6*
U.S.															
Total	**137.8**	**141.9**	**128.1**	**134.8**	**124.5**	*121.9*	*116.7*	*128.6*	*120.7*	*131.9*	*124.8*	*131.1*	**134.8**	*128.6*	*131.1*
Total End-of-period Gasoline Blending Components Inventories (million barrels)															
PADD 1	**14.5**	**14.8**	**14.3**	**12.5**	**18.3**	*28.0*	*24.6*	*24.1*	*26.4*	*24.9*	*22.9*	*22.8*	**12.5**	*24.1*	*22.8*
PADD 2	**15.0**	**14.6**	**13.7**	**14.2**	**17.4**	*14.8*	*14.7*	*14.2*	*15.2*	*15.9*	*14.7*	*14.5*	**14.2**	*14.2*	*14.5*
PADD 3	**22.5**	**21.9**	**18.8**	**20.7**	**25.3**	*27.1*	*26.6*	*23.8*	*25.7*	*24.4*	*23.6*	*22.1*	**20.7**	*23.8*	*22.1*
PADD 4	**1.7**	**1.7**	**1.3**	**1.6**	**1.7**	*1.4*	*1.4*	*1.9*	*1.8*	*1.5*	*1.4*	*1.9*	**1.6**	*1.9*	*1.9*
PADD 5	**20.3**	**21.3**	**20.1**	**23.3**	**22.4**	*21.8*	*21.2*	*21.4*	*21.1*	*20.2*	*20.6*	*21.3*	**23.3**	*21.4*	*21.3*
U.S.															
Total	**74.0**	**74.3**	**68.3**	**72.2**	**85.1**	*93.1*	*88.6*	*85.3*	*90.2*	*86.9*	*83.3*	*82.6*	**72.2**	*85.3*	*82.6*
Regular Motor Gasoline Retail Prices Excluding Taxes (cents/gallon)															
PADD 1	**146.0**	**169.0**	**210.0**	**191.5**	**187.2**	*236.5*	*250.0*	*220.1*	*209.2*	*233.1*	*221.1*	*202.2*	**179.1**	*223.4*	*216.4*
PADD 2	**148.1**	**167.1**	**207.7**	**185.8**	**186.5**	*232.4*	*249.6*	*217.0*	*209.2*	*232.4*	*220.3*	*201.7*	**177.2**	*221.4*	*215.9*
PADD 3	**142.9**	**166.2**	**204.6**	**191.6**	**186.7**	*236.5*	*245.2*	*215.0*	*205.8*	*229.7*	*216.5*	*198.5*	**176.3**	*220.9*	*212.6*
PADD 4	**144.7**	**172.8**	**206.7**	**191.9**	**180.5**	*228.2*	*248.6*	*225.0*	*208.6*	*234.0*	*227.4*	*208.0*	**179.0**	*220.6*	*219.5*
PADD 5	**158.5**	**191.0**	**219.4**	**200.7**	**193.5**	*255.9*	*265.8*	*236.8*	*224.8*	*252.1*	*238.6*	*218.4*	**192.4**	*238.0*	*233.5*
U.S.															
Total	**148.1**	**171.3**	**209.7**	**191.0**	**187.6**	*238.1*	*251.8*	*221.5*	*211.4*	*235.7*	*223.5*	*204.5*	**180.0**	*224.7*	*218.8*
Regular Motor Gasoline Retail Prices Including Taxes (cents/gallon)															
PADD 1	**192.6**	**216.8**	**258.5**	**240.0**	**235.4**	*284.5*	*299.2*	*270.3*	*256.5*	*282.4*	*270.6*	*252.4*	**227.0**	*272.4*	*265.5*
PADD 2	**192.6**	**212.3**	**251.1**	**230.7**	**231.6**	*277.4*	*295.4*	*263.0*	*254.3*	*278.5*	*266.4*	*247.8*	**221.7**	*266.9*	*261.7*
PADD 3	**185.4**	**209.5**	**246.0**	**235.0**	**227.4**	*277.1*	*288.9*	*259.8*	*250.3*	*275.4*	*261.5*	*243.8*	**219.0**	*263.3*	*257.8*
PADD 4	**190.8**	**220.5**	**253.8**	**239.6**	**225.7**	*273.5*	*294.2*	*271.2*	*253.7*	*280.3*	*273.8*	*254.8*	**226.2**	*266.1*	*265.7*
PADD 5	**207.8**	**242.1**	**269.5**	**253.5**	**243.2**	*306.0*	*316.8*	*289.1*	*275.2*	*305.0*	*291.4*	*271.7*	**243.2**	*288.8*	*285.8*
U.S.															
Total	**194.0**	**218.6**	**256.0**	**238.6**	**234.0**	*284.4*	*299.4*	*270.0*	*258.1*	*284.1*	*271.8*	*253.2*	**226.8**	*272.0*	*266.8*

[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

	2005				2006				2007				Year		
Sector	**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**	*55.6*	*61.8*	*60.3*	*41.0*	*46.9*	*56.2*	*56.7*	**58.6**	*60.3*	*56.7*
PADD 2	**27.6**	**29.6**	**27.2**	**29.1**	**30.8**	*26.9*	*26.9*	*30.6*	*27.9*	*29.0*	*29.0*	*31.1*	**29.1**	*30.6*	*31.1*
PADD 3	**28.6**	**30.0**	**26.8**	**31.7**	**29.6**	*32.0*	*31.3*	*32.0*	*28.1*	*29.3*	*30.7*	*32.0*	**31.7**	*32.0*	*32.0*
PADD 4	**3.1**	**2.4**	**2.2**	**2.9**	**2.6**	*3.0*	*2.5*	*3.4*	*3.0*	*3.1*	*2.6*	*3.4*	**2.9**	*3.4*	*3.4*
PADD 5	**11.1**	**11.5**	**11.3**	**13.7**	**12.4**	*13.3*	*11.4*	*12.5*	*11.5*	*11.7*	*11.4*	*12.6*	**13.7**	*12.5*	*12.6*
U.S. Total	**104.5**	**118.8**	**127.7**	**136.0**	**120.1**	*130.7*	*133.8*	*139.0*	*111.6*	*120.0*	*129.9*	*135.7*	**136.0**	*139.0*	*135.7*
Residential Heating Oil Prices excluding Taxes (cents/gallon)															
Northeast	**185.7**	**195.6**	**224.1**	**233.4**	**233.8**	*244.7*	*251.1*	*253.7*	*248.9*	*247.4*	*237.4*	*242.1*	**203.8**	*243.0*	*245.6*
South	**188.0**	**194.5**	**226.0**	**236.7**	**235.0**	*239.9*	*246.9*	*251.4*	*247.0*	*241.9*	*234.1*	*239.9*	**208.2**	*243.0*	*242.7*
Midwest	**174.7**	**185.4**	**221.5**	**235.4**	**219.8**	*238.2*	*245.0*	*244.1*	*235.3*	*233.4*	*229.6*	*231.1*	**199.8**	*235.1*	*233.0*
West	**192.9**	**213.9**	**239.8**	**244.7**	**238.6**	*265.3*	*272.1*	*262.9*	*253.9*	*261.1*	*250.6*	*244.7*	**218.9**	*253.9*	*251.6*
U.S. Total	**185.2**	**195.2**	**224.4**	**234.2**	**232.8**	*244.3*	*250.4*	*252.7*	*247.6*	*245.9*	*236.3*	*240.8*	**204.2**	*242.4*	*244.1*
Residential Heating Oli Prices including State Taxes (cents/gallon)															
Northeast	**194.8**	**205.1**	**235.2**	**243.4**	**245.4**	*256.7*	*263.5*	*264.6*	*261.2*	*259.6*	*249.1*	*252.5*	**213.4**	*254.5*	*257.2*
South	**196.1**	**202.6**	**235.7**	**246.5**	**245.2**	*250.2*	*257.5*	*261.8*	*257.6*	*252.3*	*244.1*	*249.9*	**217.0**	*253.3*	*253.1*
Midwest	**186.6**	**196.3**	**229.3**	**252.7**	**232.8**	*252.2*	*258.1*	*258.4*	*248.7*	*246.2*	*242.4*	*244.5*	**216.2**	*250.4*	*245.4*
West	**200.6**	**221.3**	**246.8**	**254.7**	**248.2**	*275.5*	*280.0*	*273.6*	*264.1*	*271.2*	*258.0*	*254.7*	**227.1**	*263.8*	*261.4*
U.S. Total	**194.4**	**204.9**	**235.7**	**244.5**	**244.6**	*256.4*	*262.6*	*263.9*	*259.8*	*258.0*	*247.9*	*251.4*	**214.0**	*254.1*	*255.8*

[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

	2005				2006				2007				Year		
Sector	**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*	*5.0*	*4.8*	*2.9*	*4.4*	*5.1*	*4.8*	**4.3**	*4.8*	*4.8*
PADD 2	**8.5**	**17.8**	**23.3**	**18.1**	**11.2**	*20.5*	*26.1*	*21.2*	*9.9*	*17.9*	*24.3*	*19.6*	**18.1**	*21.2*	*19.6*
PADD 3	**15.9**	**30.4**	**36.7**	**33.0**	**15.6**	*22.1*	*34.2*	*26.2*	*15.2*	*27.6*	*35.4*	*27.6*	**33.0**	*26.2*	*27.6*
PADD 4	**0.3**	**0.5**	**0.7**	**0.5**	**0.3**	*0.6*	*0.8*	*0.6*	*0.5*	*0.6*	*0.8*	*0.7*	**0.5**	*0.6*	*0.7*
PADD 5	**0.4**	**1.0**	**2.2**	**1.4**	**0.4**	*1.1*	*2.3*	*1.6*	*0.4*	*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**	*49.0*	*68.4*	*54.3*	*28.9*	*51.7*	*68.1*	*54.4*	**57.4**	*54.3*	*54.4*
Residential Prices excluding Taxes (cents/gallon)															
Northeast	**178.6**	**189.7**	**199.8**	**209.9**	**210.7**	*216.6*	*218.0*	*212.6*	*212.3*	*211.1*	*207.7*	*200.0*	**192.0**	*213.3*	*207.8*
South	**171.3**	**172.7**	**174.5**	**200.0**	**202.8**	*198.5*	*192.9*	*200.7*	*204.3*	*195.3*	*182.6*	*186.9*	**181.2**	*200.1*	*194.5*
Midwest	**136.0**	**137.7**	**139.6**	**156.5**	**158.6**	*156.5*	*163.4*	*168.4*	*169.3*	*162.5*	*153.7*	*155.8*	**143.2**	*162.7*	*161.6*
West	**168.8**	**167.3**	**165.4**	**196.3**	**198.8**	*197.9*	*184.6*	*198.9*	*197.9*	*187.7*	*177.2*	*187.0*	**177.7**	*196.7*	*189.2*
U.S. Total	**157.4**	**163.9**	**162.2**	**183.7**	**186.5**	*189.3*	*183.4*	*188.5*	*190.1*	*186.1*	*173.9*	*175.6*	**167.3**	*187.0*	*182.4*
Residential Prices including State Taxes (cents/gallon)															
Northeast	**186.5**	**198.2**	**209.1**	**219.4**	**220.1**	*226.4*	*228.2*	*222.1*	*221.8*	*220.6*	*217.3*	*209.0*	**200.7**	*222.9*	*217.2*
South	**179.8**	**181.4**	**183.6**	**210.1**	**213.0**	*208.4*	*202.9*	*210.9*	*214.5*	*205.1*	*192.0*	*196.4*	**190.3**	*210.2*	*204.3*
Midwest	**143.6**	**145.5**	**147.4**	**165.4**	**167.5**	*165.3*	*172.6*	*177.9*	*178.9*	*171.6*	*162.3*	*164.6*	**151.3**	*171.9*	*170.8*
West	**178.4**	**176.7**	**174.2**	**207.3**	**210.1**	*209.1*	*194.5*	*210.0*	*209.1*	*198.3*	*186.7*	*197.4*	**187.6**	*207.7*	*199.8*
U.S. Total	**165.7**	**172.4**	**170.8**	**193.4**	**196.3**	*199.2*	*193.1*	*198.5*	*200.1*	*195.7*	*183.1*	*184.9*	**176.1**	*196.8*	*192.0*

[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)

		+ 10% Prices		+ 10% Weather [e]	
Demand Sector	**+1% GDP**	**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					
Electric Power					
Coal					
Total					
Electric Power					
Electricity					
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

[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**	**4.56**	*4.69*	*4.60*	*4.63*	*4.59*	*4.62*	*4.67*	*4.68*	**18.24**	*18.48*	*18.56*
Alaska	**0.12**	**0.11**	**0.11**	**0.12**	**0.12**	*0.11*	*0.10*	*0.11*	*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**	*0.79*	*0.82*	*0.85*	*0.87*	*0.88*	*0.88*	*0.88*	**3.03**	*3.15*	*3.51*
Other Lower 48	**3.61**	**3.66**	**3.70**	**3.78**	**3.76**	*3.79*	*3.67*	*3.67*	*3.60*	*3.64*	*3.68*	*3.68*	**14.75**	*14.89*	*14.60*
Gross Imports	**1.13**	**0.98**	**1.08**	**1.14**	**1.04**	*0.98*	*1.03*	*1.12*	*1.15*	*1.08*	*1.11*	*1.17*	**4.33**	*4.17*	*4.52*
Pipeline	**0.98**	**0.82**	**0.93**	**0.97**	**0.92**	*0.79*	*0.83*	*0.89*	*0.92*	*0.84*	*0.86*	*0.92*	**3.69**	*3.44*	*3.54*
LNG	**0.16**	**0.16**	**0.15**	**0.17**	**0.11**	*0.19*	*0.20*	*0.23*	*0.24*	*0.24*	*0.25*	*0.25*	**0.63**	*0.73*	*0.98*
Gross Exports	**0.28**	**0.17**	**0.15**	**0.13**	**0.18**	*0.16*	*0.19*	*0.21*	*0.21*	*0.20*	*0.22*	*0.23*	**0.73**	*0.74*	*0.86*
Net Imports	**0.86**	**0.81**	**0.93**	**1.00**	**0.86**	*0.82*	*0.84*	*0.91*	*0.95*	*0.88*	*0.89*	*0.94*	**3.60**	*3.43*	*3.66*
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**	**5.43**	*5.52*	*5.45*	*5.56*	*5.55*	*5.52*	*5.57*	*5.64*	**21.91**	*21.98*	*22.28*
Working Gas in Storage															
Opening	**2.70**	**1.28**	**2.20**	**2.93**	**2.64**	*1.69*	*2.62*	*3.24*	*2.80*	*1.38*	*2.30*	*3.08*	**2.70**	*2.64*	*2.80*
Closing	**1.28**	**2.20**	**2.93**	**2.64**	**1.69**	*2.62*	*3.24*	*2.80*	*1.38*	*2.30*	*3.08*	*2.66*	**2.64**	*2.80*	*2.66*
Net Withdrawals	**1.41**	**-0.91**	**-0.73**	**0.30**	**0.94**	*-0.92*	*-0.63*	*0.44*	*1.42*	*-0.91*	*-0.78*	*0.42*	**0.06**	*-0.16*	*0.14*
Total Supply	**6.95**	**4.57**	**4.69**	**5.76**	**6.38**	*4.60*	*4.83*	*6.01*	*6.97*	*4.61*	*4.79*	*6.06*	**21.97**	*21.81*	*22.42*
Balancing Item [b]	**0.02**	**0.18**	**0.08**	**-0.39**	**0.01**	*0.20*	*-0.10*	*-0.32*	*0.06*	*0.22*	*0.00*	*-0.30*	**-0.10**	*-0.21*	*-0.01*
Total Primary Supply	**6.97**	**4.76**	**4.77**	**5.37**	**6.38**	*4.80*	*4.73*	*5.68*	*7.03*	*4.83*	*4.79*	*5.76*	**21.87**	*21.60*	*22.41*
Demand															
Residential	**2.33**	**0.79**	**0.36**	**1.36**	**2.04**	*0.71*	*0.35*	*1.36*	*2.33*	*0.78*	*0.37*	*1.39*	**4.84**	*4.47*	*4.88*
Commercial	**1.27**	**0.56**	**0.39**	**0.83**	**1.16**	*0.53*	*0.38*	*0.82*	*1.27*	*0.56*	*0.39*	*0.83*	**3.06**	*2.89*	*3.05*
Industrial	**2.09**	**1.88**	**1.78**	**1.85**	**1.96**	*1.82*	*1.87*	*2.09*	*2.07*	*1.86*	*1.91*	*2.12*	**7.60**	*7.74*	*7.95*
Lease and Plant Fuel	**0.27**	**0.27**	**0.26**	**0.26**	**0.27**	*0.28*	*0.27*	*0.28*	*0.27*	*0.27*	*0.28*	*0.28*	**1.07**	*1.09*	*1.10*
Other Industrial	**1.82**	**1.61**	**1.51**	**1.59**	**1.69**	*1.55*	*1.60*	*1.81*	*1.79*	*1.58*	*1.64*	*1.84*	**6.53**	*6.64*	*6.85*
CHP [c]	**0.24**	**0.24**	**0.25**	**0.20**	**0.21**	*0.27*	*0.28*	*0.24*	*0.24*	*0.25*	*0.28*	*0.24*	**0.94**	*1.00*	*1.01*
Non-CHP	**1.58**	**1.37**	**1.26**	**1.38**	**1.48**	*1.27*	*1.32*	*1.57*	*1.56*	*1.33*	*1.35*	*1.60*	**5.59**	*5.64*	*5.84*
Transportation [d]	**0.18**	**0.13**	**0.13**	**0.14**	**0.17**	*0.13*	*0.13*	*0.15*	*0.20*	*0.13*	*0.13*	*0.16*	**0.58**	*0.58*	*0.61*
Electric Power [e]	**1.09**	**1.40**	**2.12**	**1.19**	**1.05**	*1.61*	*2.00*	*1.26*	*1.17*	*1.50*	*1.99*	*1.27*	**5.80**	*5.92*	*5.92*
Total Demand	**6.97**	**4.76**	**4.77**	**5.37**	**6.38**	*4.80*	*4.73*	*5.68*	*7.03*	*4.83*	*4.79*	*5.76*	**21.87**	*21.60*	*22.41*

[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**	*0.372*	*0.151*	*0.510*	*1.085*	*0.416*	*0.150*	*0.521*	**0.537**	*0.486*	*0.541*
Mid Atlantic	**4.911**	**1.733**	**0.626**	**2.394**	**4.192**	*1.459*	*0.635*	*2.459*	*4.747*	*1.697*	*0.647*	*2.459*	**2.404**	*2.177*	*2.377*
E. N. Central	**7.637**	**2.184**	**0.873**	**4.683**	**6.402**	*2.034*	*0.901*	*4.519*	*7.495*	*2.247*	*0.908*	*4.699*	**3.828**	*3.452*	*3.821*
W. N. Central	**2.410**	**0.678**	**0.282**	**1.349**	**2.086**	*0.576*	*0.265*	*1.348*	*2.453*	*0.699*	*0.293*	*1.370*	**1.174**	*1.065*	*1.198*
S. Atlantic	**2.498**	**0.694**	**0.330**	**1.519**	**2.117**	*0.551*	*0.328*	*1.460*	*2.527*	*0.653*	*0.326*	*1.485*	**1.255**	*1.110*	*1.242*
E. S. Central	**1.084**	**0.304**	**0.130**	**0.569**	**0.954**	*0.235*	*0.121*	*0.554*	*1.138*	*0.267*	*0.126*	*0.552*	**0.520**	*0.464*	*0.518*
W. S. Central	**1.790**	**0.525**	**0.289**	**0.825**	**1.529**	*0.459*	*0.284*	*0.840*	*1.843*	*0.479*	*0.290*	*0.842*	**0.853**	*0.775*	*0.859*
Mountain	**1.666**	**0.680**	**0.291**	**1.096**	**1.688**	*0.580*	*0.276*	*1.109*	*1.764*	*0.617*	*0.303*	*1.145*	**0.930**	*0.910*	*0.954*
Pacific	**2.799**	**1.413**	**0.963**	**1.860**	**2.808**	*1.516*	*0.896*	*2.029*	*2.870*	*1.522*	*0.950*	*2.060*	**1.754**	*1.807*	*1.846*
Total	**25.885**	**8.633**	**3.923**	**14.806**	**22.697**	*7.782*	*3.857*	*14.827*	*25.921*	*8.596*	*3.995*	*15.133*	**13.256**	*12.246*	*13.356*
Commercial															
New England	**0.616**	**0.265**	**0.143**	**0.326**	**0.542**	*0.253*	*0.144*	*0.322*	*0.580*	*0.254*	*0.142*	*0.321*	**0.336**	*0.314*	*0.323*
Mid Atlantic	**2.796**	**1.235**	**0.836**	**1.625**	**2.538**	*1.142*	*0.775*	*1.652*	*2.630*	*1.208*	*0.928*	*1.697*	**1.618**	*1.522*	*1.611*
E. N. Central	**3.639**	**1.188**	**0.680**	**2.254**	**3.151**	*1.141*	*0.691*	*2.144*	*3.594*	*1.228*	*0.690*	*2.140*	**1.933**	*1.776*	*1.906*
W. N. Central	**1.436**	**0.495**	**0.286**	**0.857**	**1.269**	*0.456*	*0.288*	*0.859*	*1.466*	*0.498*	*0.287*	*0.862*	**0.765**	*0.716*	*0.775*
S. Atlantic	**1.619**	**0.747**	**0.551**	**1.122**	**1.437**	*0.668*	*0.514*	*1.105*	*1.600*	*0.764*	*0.571*	*1.126*	**1.007**	*0.929*	*1.013*
E. S. Central	**0.660**	**0.273**	**0.195**	**0.416**	**0.600**	*0.239*	*0.184*	*0.385*	*0.705*	*0.260*	*0.180*	*0.385*	**0.385**	*0.351*	*0.381*
W. S. Central	**1.256**	**0.690**	**0.587**	**0.825**	**1.160**	*0.668*	*0.589*	*0.845*	*1.329*	*0.701*	*0.564*	*0.840*	**0.838**	*0.814*	*0.856*
Mountain	**0.939**	**0.493**	**0.273**	**0.657**	**0.977**	*0.449*	*0.282*	*0.661*	*0.973*	*0.454*	*0.276*	*0.666*	**0.589**	*0.590*	*0.590*
Pacific	**1.201**	**0.805**	**0.681**	**0.952**	**1.249**	*0.837*	*0.624*	*0.951*	*1.216*	*0.799*	*0.638*	*0.953*	**0.909**	*0.914*	*0.900*
Total	**14.163**	**6.191**	**4.232**	**9.034**	**12.923**	*5.853*	*4.091*	*8.925*	*14.092*	*6.166*	*4.277*	*8.988*	**8.380**	*7.927*	*8.356*
Industrial [b]															
New England	**0.347**	**0.214**	**0.152**	**0.231**	**0.308**	*0.200*	*0.126*	*0.261*	*0.311*	*0.213*	*0.166*	*0.284*	**0.236**	*0.223*	*0.243*
Mid Atlantic	**1.164**	**0.888**	**0.792**	**0.900**	**1.088**	*0.857*	*0.820*	*1.009*	*1.111*	*0.856*	*0.817*	*1.017*	**0.935**	*0.943*	*0.950*
E. N. Central	**3.932**	**2.889**	**2.595**	**3.203**	**3.629**	*2.731*	*2.663*	*3.398*	*3.864*	*2.803*	*2.590*	*3.412*	**3.151**	*3.104*	*3.164*
W. N. Central	**1.296**	**1.002**	**1.086**	**1.220**	**1.288**	*1.069*	*1.076*	*1.225*	*1.261*	*1.027*	*1.031*	*1.219*	**1.151**	*1.164*	*1.134*
S. Atlantic	**1.634**	**1.424**	**1.308**	**1.372**	**1.515**	*1.386*	*1.415*	*1.534*	*1.530*	*1.396*	*1.382*	*1.552*	**1.433**	*1.463*	*1.465*
E. S. Central	**1.403**	**1.204**	**1.087**	**1.202**	**1.286**	*1.203*	*1.224*	*1.315*	*1.383*	*1.242*	*1.201*	*1.339*	**1.223**	*1.257*	*1.291*
W. S. Central	**6.724**	**6.626**	**6.097**	**5.741**	**6.158**	*6.306*	*6.492*	*7.137*	*6.856*	*6.450*	*6.934*	*7.326*	**6.294**	*6.526*	*6.893*
Mountain	**0.876**	**0.759**	**0.732**	**0.866**	**0.937**	*0.751*	*0.746*	*0.871*	*0.883*	*0.742*	*0.724*	*0.868*	**0.808**	*0.826*	*0.804*
Pacific	**2.827**	**2.699**	**2.602**	**2.499**	**2.549**	*2.489*	*2.821*	*2.915*	*2.730*	*2.669*	*2.930*	*2.979*	**2.656**	*2.695*	*2.828*
Total	**20.202**	**17.705**	**16.449**	**17.236**	**18.758**	*16.992*	*17.382*	*19.667*	*19.929*	*17.398*	*17.776*	*19.995*	**17.886**	*18.200*	*18.772*
Total to Consumers [c]															
New England	**2.052**	**0.899**	**0.433**	**1.068**	**1.769**	*0.825*	*0.420*	*1.093*	*1.976*	*0.883*	*0.459*	*1.126*	**1.109**	*1.024*	*1.107*
Mid Atlantic	**8.871**	**3.856**	**2.254**	**4.920**	**7.818**	*3.458*	*2.230*	*5.121*	*8.487*	*3.762*	*2.392*	*5.172*	**4.957**	*4.643*	*4.937*
E. N. Central	**15.207**	**6.262**	**4.148**	**10.140**	**13.182**	*5.907*	*4.255*	*10.061*	*14.953*	*6.278*	*4.188*	*10.250*	**8.912**	*8.332*	*8.891*
W. N. Central	**5.142**	**2.176**	**1.654**	**3.425**	**4.643**	*2.101*	*1.630*	*3.432*	*5.180*	*2.224*	*1.611*	*3.451*	**3.090**	*2.945*	*3.108*
S. Atlantic	**5.751**	**2.865**	**2.188**	**4.013**	**5.070**	*2.605*	*2.258*	*4.099*	*5.657*	*2.813*	*2.280*	*4.163*	**3.695**	*3.502*	*3.720*
E. S. Central	**3.147**	**1.781**	**1.412**	**2.187**	**2.840**	*1.676*	*1.529*	*2.254*	*3.226*	*1.769*	*1.507*	*2.275*	**2.127**	*2.072*	*2.190*
W. S. Central	**9.770**	**7.841**	**6.973**	**7.392**	**8.847**	*7.433*	*7.365*	*8.821*	*10.027*	*7.630*	*7.789*	*9.009*	**7.985**	*8.115*	*8.608*
Mountain	**3.482**	**1.931**	**1.296**	**2.618**	**3.602**	*1.780*	*1.303*	*2.641*	*3.619*	*1.813*	*1.303*	*2.678*	**2.327**	*2.326*	*2.348*
Pacific	**6.827**	**4.918**	**4.246**	**5.311**	**6.606**	*4.842*	*4.340*	*5.895*	*6.816*	*4.989*	*4.518*	*5.992*	**5.319**	*5.416*	*5.574*
Total	**60.249**	**32.529**	**24.605**	**41.076**	**54.378**	*30.627*	*25.331*	*43.419*	*59.943*	*32.161*	*26.047*	*44.116*	**39.521**	*38.373*	*40.484*

[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	16.88	16.79	16.82	16.47	15.73	17.23	16.58	15.49	17.20	16.40
Mid Atlantic	12.31	13.66	17.62	16.81	15.98	15.91	16.90	15.21	14.74	14.41	17.59	15.19	14.03	15.82	15.00
E. N. Central	9.79	11.98	15.16	14.05	12.79	12.41	13.92	12.56	12.61	11.94	14.31	12.28	11.72	12.73	12.51
W. N. Central	10.06	11.93	16.77	13.99	12.61	13.00	14.89	13.03	12.43	11.90	15.03	12.87	11.88	12.94	12.64
S. Atlantic	13.03	16.12	21.78	18.98	17.14	18.56	20.44	16.31	15.28	16.00	19.89	15.97	15.85	17.29	15.89
E. S. Central	11.69	13.56	17.17	17.36	15.78	16.32	16.94	14.73	14.21	13.71	16.23	14.61	13.88	15.61	14.37
W. S. Central	10.19	13.20	17.30	16.28	12.80	14.03	16.26	14.51	13.38	13.19	15.75	13.77	12.75	13.77	13.65
Mountain	9.52	10.47	13.59	12.35	11.80	12.21	13.00	11.54	11.88	11.36	13.74	12.00	10.85	11.88	11.98
Pacific	10.70	10.94	12.05	14.06	12.89	11.54	11.29	13.04	13.26	11.23	12.02	12.70	11.83	12.45	12.52
Total	10.98	12.62	15.73	15.30	14.04	13.64	14.80	13.74	13.56	12.73	15.10	13.52	12.82	13.95	13.53
Commercial															
New England	12.54	12.63	13.23	16.86	15.50	14.18	12.17	13.84	14.92	12.64	12.67	13.98	13.66	14.48	14.04
Mid Atlantic	11.43	11.47	12.97	17.00	15.08	12.72	12.40	13.86	14.73	12.45	12.54	13.71	13.05	13.99	13.74
E. N. Central	9.07	10.09	11.60	13.42	12.38	11.16	10.80	11.57	11.74	10.31	11.22	11.38	10.69	11.82	11.38
W. N. Central	9.33	9.94	11.58	12.94	11.79	10.55	10.48	11.79	11.99	10.23	10.80	11.49	10.65	11.49	11.48
S. Atlantic	11.01	11.52	13.07	16.56	14.86	13.12	12.41	13.51	13.76	12.11	12.63	13.10	12.94	13.86	13.13
E. S. Central	10.75	10.86	11.78	15.97	14.65	12.57	11.44	12.75	12.96	11.16	11.34	12.49	12.30	13.38	12.36
W. S. Central	8.97	9.54	10.70	14.47	11.37	9.71	9.57	11.48	11.80	9.68	10.05	11.43	10.67	10.77	11.03
Mountain	8.53	8.68	9.72	11.00	10.76	10.17	10.13	11.43	11.59	10.40	11.06	11.10	9.40	10.77	11.17
Pacific	9.82	9.48	10.11	12.84	11.88	10.16	9.71	12.11	12.66	9.87	10.28	11.70	10.60	11.21	11.39
Total	10.07	10.47	11.74	14.57	13.18	11.37	11.02	12.45	12.87	10.87	11.47	12.23	11.56	12.40	12.17
Industrial															
New England	11.55	11.10	11.34	16.30	14.70	12.27	10.02	12.65	13.42	10.41	10.19	12.37	12.60	13.00	12.02
Mid Atlantic	10.27	9.74	9.90	15.33	13.22	10.44	8.69	11.41	12.15	9.48	9.27	11.24	11.29	11.35	10.83
E. N. Central	8.35	9.24	9.84	12.34	11.06	9.53	9.05	10.44	11.01	8.91	9.25	10.54	9.88	10.32	10.28
W. N. Central	7.68	7.64	7.91	11.39	10.53	7.67	7.64	9.53	10.21	7.80	8.06	9.54	8.81	8.96	9.04
S. Atlantic	8.39	8.44	10.02	14.83	11.60	9.14	8.56	10.21	10.65	8.24	8.51	10.15	10.40	9.87	9.46
E. S. Central	7.75	7.98	8.84	13.70	11.70	8.70	8.64	10.07	10.78	8.12	8.35	9.81	9.56	9.77	9.33
W. S. Central	6.21	6.85	8.35	11.00	8.26	6.97	6.97	8.60	9.12	6.94	7.21	8.72	7.98	7.72	8.01
Mountain	7.31	7.83	8.24	10.28	10.05	8.88	7.90	9.33	10.26	8.06	8.70	9.67	8.41	9.08	9.23
Pacific	7.00	6.06	6.09	9.19	9.13	7.23	6.97	8.93	9.69	6.98	7.44	9.08	7.13	8.15	8.36
Total	7.03	7.22	8.39	11.59	9.47	7.71	7.40	9.15	9.80	7.48	7.58	9.19	8.49	8.48	8.58
Citygate															
New England	7.86	9.16	12.50	13.27	11.03	9.56	9.92	10.78	10.75	9.27	10.19	10.67	9.80	10.57	10.40
Mid Atlantic	7.58	8.14	8.92	11.75	10.48	8.55	7.90	10.07	10.35	8.38	8.44	9.92	8.86	9.78	9.69
E. N. Central	7.34	8.00	9.51	11.17	9.73	8.09	7.72	9.39	9.87	8.22	8.23	9.40	8.74	9.22	9.36
W. N. Central	7.07	8.26	9.29	11.02	9.18	8.32	8.11	9.79	9.94	8.23	8.55	9.70	8.54	9.16	9.51
S. Atlantic	7.69	8.48	10.40	13.25	10.68	9.42	8.68	10.14	10.25	8.44	8.85	10.11	9.72	10.11	9.79
E. S. Central	7.12	7.81	8.80	12.24	10.36	9.26	8.06	9.86	10.04	8.00	8.13	9.90	8.79	9.84	9.54
W. S. Central	6.72	6.98	8.76	10.92	8.93	7.32	7.13	9.31	9.92	7.38	7.56	9.21	8.07	8.50	9.01
Mountain	6.19	6.50	7.16	8.77	8.11	6.85	6.65	8.64	9.01	6.81	7.02	8.47	7.09	7.92	8.28
Pacific	6.22	6.73	7.70	9.96	8.18	6.58	6.73	8.97	9.06	7.07	7.38	8.60	7.55	7.85	8.27

[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**	*300.1*	*265.7*	*299.2*	*295.4*	*269.3*	*287.6*	*306.6*	**1133.3**	*1153.8*	*1158.9*
Appalachia	**100.1**	**101.3**	**98.5**	**97.0**	**103.0**	*106.6*	*91.9*	*103.4*	*100.7*	*91.8*	*98.1*	*104.5*	**397.0**	*404.9*	*395.2*
Interior	**37.0**	**36.9**	**37.3**	**37.9**	**37.8**	*40.8*	*34.3*	*38.7*	*37.5*	*34.2*	*36.5*	*38.9*	**149.2**	*151.7*	*147.2*
Western	**149.1**	**141.0**	**150.1**	**146.8**	**148.0**	*152.7*	*139.5*	*157.1*	*157.2*	*143.3*	*153.0*	*163.1*	**587.0**	*597.2*	*616.5*
Primary Stock Levels [a]															
Opening	**41.2**	**38.7**	**38.4**	**35.0**	**34.6**	*35.1*	*35.3*	*33.2*	*35.1*	*34.0*	*32.5*	*30.1*	**41.2**	*34.6*	*35.1*
Closing	**38.7**	**38.4**	**35.0**	**34.6**	**35.1**	*35.3*	*33.2*	*35.1*	*34.0*	*32.5*	*30.1*	*30.8*	**34.6**	*35.1*	*30.8*
Net Withdrawals	**2.5**	**0.3**	**3.5**	**0.4**	**-0.5**	*-0.2*	*2.1*	*-1.9*	*1.1*	*1.5*	*2.4*	*-0.7*	**6.6**	*-0.5*	*4.3*
Imports	**7.6**	**7.2**	**7.8**	**7.8**	**9.0**	*8.9*	*10.3*	*9.9*	*8.0*	*10.6*	*11.1*	*10.7*	**30.5**	*38.0*	*40.3*
Exports	**10.1**	**14.8**	**12.6**	**12.4**	**10.7**	*12.7*	*13.8*	*11.4*	*10.6*	*13.6*	*14.4*	*13.2*	**49.9**	*48.5*	*51.7*
Total Net Supply	**286.2**	**272.0**	**284.6**	**277.5**	**286.6**	*296.1*	*264.3*	*295.8*	*293.9*	*267.9*	*286.6*	*303.4*	**1120.4**	*1142.9*	*1151.8*
Secondary Stock Levels [b]															
Opening	**112.9**	**111.8**	**123.3**	**106.0**	**109.4**	*119.2*	*135.8*	*102.5*	*107.8*	*120.3*	*123.7*	*109.8*	**112.9**	*109.4*	*107.8*
Closing	**111.8**	**123.3**	**106.0**	**109.4**	**119.2**	*135.8*	*102.5*	*107.8*	*120.3*	*123.7*	*109.8*	*123.7*	**109.4**	*107.8*	*123.7*
Net Withdrawals	**1.0**	**-11.4**	**17.3**	**-3.5**	**-9.8**	*-16.6*	*33.3*	*-5.3*	*-12.5*	*-3.5*	*13.9*	*-13.9*	**3.4**	*1.6*	*-15.9*
Waste Coal to IPPs [c]	**3.8**	**3.8**	**3.7**	**3.8**	**3.8**	*3.8*	*3.7*	*3.8*	*3.8*	*3.8*	*3.7*	*3.8*	**15.1**	*15.1*	*15.1*
Total Supply	**291.1**	**264.3**	**305.7**	**277.8**	**280.7**	*283.3*	*301.3*	*294.3*	*285.3*	*268.2*	*304.3*	*293.3*	**1138.9**	*1159.6*	*1151.0*
Demand															
Coke Plants	**5.6**	**6.0**	**6.0**	**5.8**	**5.7**	*6.5*	*6.9*	*6.4*	*6.6*	*6.5*	*6.8*	*6.3*	**23.4**	*25.6*	*26.2*
Electric Power Sector [d]	**256.2**	**242.6**	**282.4**	**257.8**	**251.0**	*247.0*	*278.5*	*270.0*	*261.7*	*246.6*	*281.9*	*269.4*	**1039.0**	*1046.5*	*1059.6*
Retail and Oth. Industry	**17.2**	**15.6**	**15.8**	**17.3**	**17.1**	*15.3*	*16.0*	*17.9*	*16.9*	*15.1*	*15.6*	*17.6*	**65.9**	*66.3*	*65.2*
Total Demand [e]	**279.0**	**264.2**	**304.2**	**280.9**	**273.9**	*268.9*	*301.3*	*294.3*	*285.3*	*268.2*	*304.3*	*293.3*	**1128.3**	*1138.4*	*1151.0*
Discrepancy [f]	**12.1**	**0.1**	**1.5**	**-3.1**	**6.8**	*14.4*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	**10.6**	*21.2*	*0.0*

[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**	*474.1*	*532.7*	*514.8*	*501.2*	*471.4*	*539.4*	*513.8*	**1992.5**	*2003.9*	*2025.8*
Petroleum	**25.8**	**22.9**	**38.3**	**28.8**	**13.8**	*19.1*	*27.6*	*19.7*	*25.1*	*19.8*	*28.7*	*21.3*	**115.8**	*80.0*	*94.9*
Natural Gas	**129.1**	**161.7**	**244.3**	**139.9**	**124.3**	*178.4*	*232.0*	*149.0*	*137.3*	*172.0*	*230.6*	*150.8*	**675.1**	*683.8*	*690.7*
Nuclear	**192.3**	**183.9**	**208.4**	**195.9**	**198.2**	*188.2*	*207.9*	*193.7*	*198.7*	*194.5*	*211.7*	*196.3*	**780.5**	*788.1*	*801.2*
Hydroelectric	**65.3**	**73.2**	**61.1**	**55.7**	**73.4**	*80.9*	*65.9*	*62.8*	*69.4*	*76.6*	*62.0*	*58.8*	**255.3**	*282.9*	*266.7*
Other [b]	**14.8**	**16.7**	**16.3**	**16.4**	**17.6**	*27.3*	*18.9*	*18.7*	*19.5*	*21.2*	*21.8*	*21.6*	**64.2**	*82.4*	*84.1*
Subtotal	**919.2**	**925.2**	**1108.2**	**930.8**	**909.7**	*967.9*	*1084.9*	*958.6*	*951.1*	*955.4*	*1094.2*	*962.6*	**3883.4**	*3921.1*	*3963.3*
Other Sectors [c]	**38.7**	**38.6**	**41.8**	**35.4**	**36.2**	*38.5*	*43.9*	*40.9*	*40.0*	*40.6*	*43.6*	*41.3*	**154.6**	*159.6*	*165.4*
Total Generation	**957.9**	**963.8**	**1150.0**	**966.2**	**945.9**	*1006.5*	*1128.8*	*999.5*	*991.0*	*996.0*	*1137.8*	*1003.9*	**4038.0**	*4080.7*	*4128.7*
Net Imports	**5.5**	**4.9**	**8.5**	**5.8**	**4.7**	*5.6*	*10.1*	*6.1*	*4.5*	*2.9*	*5.5*	*3.7*	**24.7**	*26.6*	*16.6*
Total Supply	**963.4**	**968.8**	**1158.5**	**972.0**	**950.6**	*1012.1*	*1139.0*	*1005.6*	*995.6*	*998.9*	*1143.3*	*1007.5*	**4062.7**	*4107.3*	*4145.3*
Losses and Unaccounted for [d]	**42.9**	**70.2**	**66.4**	**53.0**	**36.9**	*89.7*	*60.4*	*66.4*	*46.2*	*74.1*	*64.0*	*65.6*	**232.6**	*253.3*	*249.9*
Demand															
Retail Sales [e]															
Residential	**338.2**	**291.9**	**418.5**	**316.2**	**331.0**	*308.1*	*407.0*	*325.6*	*354.5*	*303.4*	*404.9*	*317.9*	**1364.8**	*1371.8*	*1380.7*
Commercial [f]	**292.0**	**305.6**	**359.1**	**308.5**	**297.0**	*314.3*	*352.1*	*309.5*	*302.5*	*318.1*	*355.7*	*316.0*	**1265.2**	*1272.9*	*1292.3*
Industrial	**245.5**	**256.4**	**266.3**	**253.1**	**243.6**	*254.4*	*269.1*	*257.1*	*246.2*	*256.6*	*268.6*	*260.6*	**1021.3**	*1024.2*	*1032.1*
Transportation [g]	**2.2**	**2.0**	**2.1**	**2.0**	**2.1**	*1.9*	*1.9*	*1.8*	*2.0*	*1.8*	*1.9*	*1.9*	**8.3**	*7.7*	*7.7*
Subtotal	**877.8**	**855.9**	**1045.9**	**879.9**	**873.7**	*878.7*	*1030.1*	*894.1*	*905.3*	*879.9*	*1031.2*	*896.3*	**3659.5**	*3676.6*	*3712.8*
Other Use/Sales [h]	**42.8**	**42.6**	**46.2**	**39.1**	**40.0**	*43.7*	*48.5*	*45.2*	*44.1*	*44.8*	*48.1*	*45.5*	**170.6**	*177.4*	*182.6*
Total Demand	**920.6**	**898.5**	**1092.1**	**919.0**	**913.7**	*922.4*	*1078.6*	*939.2*	*949.4*	*924.7*	*1079.3*	*941.9*	**3830.2**	*3854.0*	*3895.3*

[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 (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**	*120.5*	*150.0*	*133.0*	*145.4*	*121.4*	*155.4*	*125.8*	**133.3**	*134.8*	*137.0*
Mid Atlantic	**382.0**	**310.4**	**442.6**	**337.1**	**369.3**	*319.4*	*421.0*	*352.6*	*386.3*	*324.7*	*414.8*	*326.5*	**368.1**	*365.7*	*363.0*
E. N. Central	**552.9**	**454.5**	**639.5**	**491.6**	**534.6**	*465.5*	*648.1*	*514.8*	*548.5*	*458.4*	*597.7*	*483.5*	**534.7**	*541.0*	*522.0*
W. N. Central	**280.1**	**235.8**	**333.7**	**252.4**	**274.8**	*243.6*	*336.8*	*253.7*	*284.2*	*239.9*	*320.0*	*250.5*	**275.6**	*277.4*	*273.7*
S. Atlantic	**952.7**	**789.7**	**1156.8**	**860.0**	**924.0**	*835.6*	*1078.0*	*901.0*	*1015.1*	*853.6*	*1123.2*	*887.4*	**940.1**	*935.0*	*969.9*
E. S. Central	**333.6**	**265.1**	**395.0**	**296.7**	**328.2**	*283.6*	*377.3*	*296.8*	*331.6*	*280.4*	*382.5*	*297.1*	**322.7**	*321.5*	*323.0*
W. S. Central	**460.3**	**474.0**	**720.7**	**467.1**	**442.0**	*508.2*	*679.2*	*488.8*	*539.2*	*472.6*	*655.8*	*484.9*	**531.1**	*530.1*	*538.3*
Mountain	**215.4**	**209.7**	**301.3**	**212.9**	**223.4**	*221.3*	*281.8*	*224.7*	*251.7*	*217.4*	*292.3*	*220.4*	**235.0**	*237.9*	*245.5*
Pacific Contig.	**425.0**	**338.9**	**396.9**	**376.1**	**430.8**	*368.2*	*437.6*	*359.2*	*421.9*	*351.2*	*445.2*	*364.4*	**384.1**	*398.8*	*395.6*
AK and HI	**15.2**	**13.5**	**13.9**	**14.8**	**15.4**	*14.3*	*14.1*	*14.7*	*15.1*	*15.1*	*14.3*	*14.8*	**14.3**	*14.6*	*14.8*
Total	**3758.2**	**3207.9**	**4548.6**	**3436.5**	**3677.9**	*3380.0*	*4423.9*	*3539.5*	*3938.9*	*3334.6*	*4401.3*	*3455.2*	**3739.1**	*3756.8*	*3782.8*
Commercial [c]															
New England	**143.7**	**139.9**	**160.7**	**142.3**	**146.4**	*144.4*	*157.0*	*143.0*	*149.4*	*147.1*	*159.5*	*146.1*	**146.7**	*147.7*	*150.5*
Mid Atlantic	**429.9**	**409.8**	**488.1**	**413.3**	**429.6**	*426.9*	*484.0*	*423.5*	*441.5*	*436.0*	*489.4*	*433.6*	**435.4**	*441.1*	*450.2*
E. N. Central	**470.5**	**484.9**	**541.0**	**474.9**	**485.3**	*484.0*	*531.6*	*476.7*	*483.7*	*488.5*	*526.3*	*479.8*	**493.0**	*494.5*	*494.6*
W. N. Central	**239.1**	**249.8**	**284.8**	**248.8**	**244.2**	*257.6*	*289.4*	*251.8*	*247.6*	*261.4*	*292.3*	*254.0*	**255.7**	*260.8*	*263.9*
S. Atlantic	**704.9**	**738.6**	**880.8**	**741.2**	**709.0**	*757.3*	*838.3*	*740.7*	*731.5*	*774.2*	*864.9*	*758.8*	**766.8**	*761.6*	*782.6*
E. S. Central	**206.0**	**217.7**	**261.6**	**216.4**	**206.5**	*226.1*	*254.1*	*219.7*	*214.6*	*226.2*	*257.9*	*224.4*	**225.5**	*226.7*	*230.9*
W. S. Central	**389.9**	**443.3**	**521.8**	**430.7**	**402.4**	*461.5*	*501.9*	*414.9*	*407.6*	*449.2*	*493.1*	*427.3*	**446.7**	*445.4*	*444.5*
Mountain	**217.1**	**230.5**	**265.3**	**227.8**	**225.7**	*251.0*	*265.7*	*233.3*	*229.0*	*248.1*	*268.7*	*238.6*	**235.3**	*244.0*	*246.2*
Pacific Contig.	**426.4**	**427.5**	**481.8**	**440.7**	**433.6**	*424.8*	*487.5*	*441.9*	*438.3*	*446.1*	*495.6*	*452.8*	**444.2**	*447.1*	*458.4*
AK and HI	**16.4**	**16.3**	**17.0**	**17.4**	**17.2**	*17.3*	*18.0*	*18.4*	*18.3*	*18.4*	*19.1*	*19.4*	**16.8**	*17.7*	*18.8*
Total	**3243.9**	**3358.4**	**3902.9**	**3353.4**	**3299.8**	*3450.8*	*3827.5*	*3363.8*	*3361.3*	*3495.3*	*3866.7*	*3434.7*	**3466.2**	*3486.6*	*3540.6*
Industrial															
New England	**65.1**	**67.0**	**71.7**	**66.0**	**61.1**	*64.5*	*69.6*	*65.6*	*62.5*	*67.0*	*69.6*	*66.0*	**67.4**	*65.2*	*66.3*
Mid Atlantic	**213.4**	**215.5**	**227.4**	**213.6**	**210.5**	*211.6*	*222.6*	*214.6*	*213.0*	*220.5*	*219.1*	*212.9*	**217.5**	*214.8*	*216.4*
E. N. Central	**579.7**	**598.8**	**602.3**	**587.0**	**571.4**	*589.3*	*607.8*	*596.0*	*591.0*	*597.4*	*605.2*	*590.1*	**592.0**	*591.2*	*596.0*
W. N. Central	**207.5**	**221.8**	**235.5**	**229.2**	**224.8**	*224.8*	*236.0*	*221.0*	*210.2*	*222.2*	*238.0*	*225.6*	**223.6**	*226.6*	*224.1*
S. Atlantic	**457.5**	**480.8**	**497.3**	**465.7**	**452.8**	*472.7*	*500.8*	*479.2*	*457.6*	*468.0*	*490.1*	*478.8*	**475.4**	*476.5*	*473.8*
E. S. Central	**353.0**	**353.6**	**340.0**	**353.2**	**352.4**	*357.7*	*366.0*	*362.9*	*363.0*	*367.2*	*368.1*	*371.6*	**349.9**	*359.8*	*367.5*
W. S. Central	**427.8**	**437.7**	**441.5**	**405.9**	**403.6**	*436.4*	*454.0*	*423.6*	*406.6*	*431.5*	*452.4*	*428.5*	**428.2**	*429.5*	*429.8*
Mountain	**186.2**	**197.4**	**214.4**	**188.7**	**188.6**	*199.0*	*209.0*	*192.4*	*190.8*	*199.5*	*203.9*	*196.5*	**196.7**	*197.3*	*197.7*
Pacific Contig.	**223.8**	**231.8**	**249.4**	**228.4**	**228.5**	*226.2*	*244.4*	*225.7*	*227.3*	*232.5*	*258.8*	*248.5*	**233.4**	*231.2*	*241.9*
AK and HI	**13.2**	**13.8**	**14.6**	**14.0**	**13.5**	*13.8*	*14.4*	*14.0*	*13.8*	*14.1*	*14.5*	*14.0*	**13.9**	*13.9*	*14.1*
Total	**2727.4**	**2818.0**	**2894.1**	**2751.6**	**2707.0**	*2796.0*	*2924.6*	*2794.9*	*2735.9*	*2819.9*	*2919.9*	*2832.4*	**2798.1**	*2806.2*	*2827.5*
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**	*11.0*	*11.3*	*10.7*	*12.5*	*10.9*	*11.7*	*11.2*	**12.8**	*11.6*	*11.6*
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**	*2.4*	*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**	*20.0*	*20.7*	*19.8*	*22.4*	*19.9*	*21.2*	*20.5*	**22.7**	*21.0*	*21.0*
Total															
New England	**352.0**	**324.9**	**382.3**	**337.8**	**344.6**	*330.9*	*378.2*	*343.1*	*359.1*	*337.1*	*386.2*	*339.6*	**349.3**	*349.3*	*355.5*
Mid Atlantic	**1038.8**	**947.7**	**1171.3**	**976.5**	**1023.0**	*968.9*	*1138.9*	*1001.4*	*1053.2*	*992.1*	*1135.0*	*984.1*	**1033.8**	*1033.3*	*1041.2*
E. N. Central	**1605.0**	**1539.7**	**1784.4**	**1555.1**	**1593.2**	*1540.1*	*1788.9*	*1589.0*	*1625.0*	*1545.7*	*1730.7*	*1554.9*	**1621.3**	*1628.2*	*1614.2*
W. N. Central	**726.8**	**707.5**	**854.2**	**730.6**	**743.9**	*726.1*	*862.3*	*726.5*	*742.0*	*723.6*	*850.4*	*730.2*	**755.0**	*764.9*	*761.8*
S. Atlantic	**2118.7**	**2012.5**	**2538.5**	**2070.3**	**2089.3**	*2068.9*	*2420.5*	*2124.2*	*2207.6*	*2099.1*	*2481.7*	*2128.3*	**2185.8**	*2176.5*	*2229.7*
E. S. Central	**892.6**	**836.4**	**996.6**	**866.3**	**887.1**	*867.4*	*997.3*	*879.4*	*909.2*	*873.8*	*1008.5*	*893.0*	**898.2**	*908.0*	*921.3*
W. S. Central	**1278.4**	**1355.2**	**1684.2**	**1303.9**	**1248.1**	*1406.2*	*1635.3*	*1327.5*	*1353.7*	*1353.5*	*1601.6*	*1340.8*	**1406.3**	*1405.1*	*1412.9*
Mountain	**618.8**	**637.8**	**781.2**	**629.5**	**637.8**	*671.4*	*756.8*	*650.6*	*671.6*	*665.2*	*765.1*	*655.6*	**667.2**	*679.4*	*689.5*
Pacific Contig.	**1077.7**	**1000.5**	**1130.6**	**1047.6**	**1095.3**	*1021.5*	*1171.9*	*1029.2*	*1089.8*	*1032.1*	*1202.0*	*1068.0*	**1064.2**	*1079.6*	*1098.2*
AK and HI	**44.8**	**43.6**	**45.5**	**46.2**	**46.1**	*45.3*	*46.6*	*47.2*	*47.2*	*47.7*	*47.9*	*48.1*	**45.0**	*46.3*	*47.7*
Total	**9753.5**	**9405.8**	**11368.7**	**9563.8**	**9708.3**	*9646.8*	*11196.7*	*9718.0*	*10058.4*	*9669.8*	*11209.0*	*9742.8*	**10026.1**	*10070.6*	*10172.0*

[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**	*16.7*	*16.1*	*15.6*	*15.6*	*17.1*	*17.3*	*16.5*	**13.4**	*16.1*	*16.6*
Mid Atlantic	**11.4**	**12.4**	**13.3**	**12.9**	**12.5**	*13.1*	*13.9*	*13.5*	*13.3*	*14.5*	*14.9*	*14.1*	**12.5**	*13.3*	*14.2*
E. N. Central	**7.9**	**8.7**	**8.8**	**8.3**	**8.6**	*9.6*	*9.5*	*9.1*	*8.9*	*9.7*	*9.9*	*9.3*	**8.4**	*9.2*	*9.4*
W. N. Central ...	**7.0**	**8.2**	**8.5**	**7.5**	**7.4**	*8.5*	*8.8*	*8.2*	*8.0*	*8.8*	*9.0*	*8.4*	**7.8**	*8.3*	*8.6*
S. Atlantic.....	**8.3**	**8.9**	**9.2**	**8.9**	**9.2**	*9.9*	*9.8*	*9.4*	*9.5*	*10.3*	*10.5*	*9.9*	**8.8**	*9.6*	*10.0*
E. S. Central.....	**6.9**	**7.6**	**7.5**	**7.8**	**7.6**	*8.5*	*8.6*	*8.0*	*7.9*	*8.6*	*8.7*	*8.2*	**7.4**	*8.2*	*8.4*
W. S. Central....	**8.7**	**9.9**	**10.5**	**10.6**	**10.7**	*11.3*	*11.2*	*10.5*	*10.5*	*11.5*	*11.8*	*11.2*	**10.0**	*11.0*	*11.3*
Mountain	**8.0**	**8.9**	**9.0**	**8.6**	**8.4**	*9.4*	*9.8*	*9.2*	*8.9*	*9.8*	*10.0*	*9.4*	**8.7**	*9.2*	*9.6*
Pacific	**9.4**	**10.2**	**10.9**	**9.9**	**10.5**	*11.4*	*11.7*	*10.6*	*10.4*	*11.2*	*11.6*	*10.9*	**10.1**	*11.1*	*11.0*
Total	**8.7**	**9.5**	**9.9**	**9.6**	**9.7**	*10.5*	*10.6*	*10.1*	*10.0*	*10.9*	*11.1*	*10.5*	**9.4**	*10.3*	*10.6*
Commercial															
New England....	**11.5**	**11.8**	**12.5**	**12.5**	**14.7**	*14.3*	*14.5*	*13.6*	*13.6*	*14.4*	*15.0*	*14.2*	**12.1**	*14.3*	*14.3*
Mid Atlantic	**10.2**	**11.2**	**12.3**	**11.6**	**10.9**	*11.5*	*12.9*	*12.0*	*11.6*	*12.1*	*13.0*	*12.2*	**11.4**	*11.9*	*12.2*
E. N. Central	**7.4**	**7.8**	**8.0**	**7.9**	**7.9**	*8.4*	*8.6*	*8.2*	*8.1*	*8.5*	*8.8*	*8.3*	**7.8**	*8.3*	*8.4*
W. N. Central ...	**5.8**	**6.5**	**6.9**	**6.1**	**6.2**	*6.7*	*7.2*	*6.3*	*6.3*	*6.7*	*7.0*	*6.5*	**6.4**	*6.6*	*6.6*
S. Atlantic.....	**7.4**	**7.5**	**7.8**	**7.8**	**8.3**	*8.7*	*8.8*	*8.3*	*8.3*	*8.7*	*9.1*	*8.6*	**7.6**	*8.5*	*8.7*
E. S. Central.....	**6.9**	**7.2**	**7.2**	**7.6**	**7.7**	*8.1*	*8.3*	*7.8*	*7.7*	*8.0*	*8.3*	*7.9*	**7.2**	*8.0*	*8.0*
W. S. Central....	**7.6**	**8.0**	**8.8**	**9.2**	**9.1**	*9.0*	*9.1*	*8.8*	*8.8*	*9.2*	*9.4*	*9.2*	**8.5**	*9.0*	*9.2*
Mountain	**7.0**	**7.6**	**7.7**	**7.6**	**7.3**	*7.8*	*8.5*	*8.0*	*7.5*	*8.3*	*8.5*	*8.2*	**7.5**	*7.9*	*8.1*
Pacific	**9.6**	**10.6**	**11.9**	**10.1**	**10.1**	*11.4*	*12.7*	*11.8*	*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**	*9.4*	*10.0*	*9.4*	*9.1*	*9.6*	*10.1*	*9.6*	**8.7**	*9.5*	*9.6*
Industrial															
New England....	**8.3**	**8.1**	**8.4**	**8.8**	**10.3**	*9.4*	*9.3*	*9.0*	*9.3*	*9.6*	*10.1*	*9.5*	**8.4**	*9.5*	*9.7*
Mid Atlantic	**6.3**	**6.5**	**7.3**	**7.0**	**7.1**	*7.6*	*7.6*	*7.1*	*7.4*	*7.5*	*8.0*	*7.6*	**6.8**	*7.4*	*7.6*
E. N. Central	**4.6**	**4.8**	**5.1**	**4.9**	**5.2**	*5.3*	*5.2*	*4.9*	*5.3*	*5.2*	*5.3*	*5.0*	**4.9**	*5.1*	*5.2*
W. N. Central ...	**4.4**	**4.8**	**5.2**	**4.5**	**4.6**	*4.9*	*5.5*	*4.8*	*4.8*	*5.0*	*5.3*	*4.9*	**4.7**	*5.0*	*5.0*
S. Atlantic.....	**4.7**	**4.8**	**5.4**	**5.2**	**5.1**	*5.1*	*5.9*	*5.5*	*5.3*	*5.5*	*5.8*	*5.4*	**5.1**	*5.4*	*5.5*
E. S. Central.....	**3.9**	**4.3**	**4.9**	**4.5**	**4.4**	*4.8*	*5.4*	*5.0*	*4.8*	*5.0*	*5.3*	*4.8*	**4.4**	*4.9*	*5.0*
W. S. Central....	**5.7**	**6.1**	**7.0**	**7.6**	**7.2**	*6.9*	*7.6*	*7.2*	*7.1*	*7.3*	*7.9*	*7.5*	**6.6**	*7.2*	*7.4*
Mountain	**4.9**	**5.3**	**5.8**	**5.5**	**5.2**	*5.5*	*6.5*	*5.6*	*5.4*	*6.0*	*6.5*	*5.5*	**5.4**	*5.7*	*5.9*
Pacific	**6.2**	**6.5**	**7.2**	**6.8**	**6.6**	*6.9*	*7.9*	*7.3*	*6.9*	*7.1*	*7.8*	*7.1*	**6.7**	*7.2*	*7.2*
Total	**5.1**	**5.4**	**6.0**	**5.8**	**5.8**	*5.9*	*6.4*	*5.9*	*5.9*	*6.1*	*6.5*	*6.0*	**5.6**	*6.0*	*6.1*
Total															
New England....	**11.5**	**11.6**	**12.2**	**12.3**	**14.5**	*14.2*	*14.2*	*13.5*	*13.7*	*14.4*	*15.1*	*14.2*	**11.9**	*14.1*	*14.4*
Mid Atlantic	**9.8**	**10.5**	**11.7**	**11.0**	**10.7**	*11.2*	*12.2*	*11.4*	*11.4*	*11.9*	*12.7*	*11.8*	**10.8**	*11.4*	*12.0*
E. N. Central	**6.6**	**6.9**	**7.3**	**6.9**	**7.2**	*7.6*	*7.8*	*7.3*	*7.3*	*7.6*	*7.9*	*7.3*	**6.9**	*7.5*	*7.6*
W. N. Central ...	**5.8**	**6.5**	**7.1**	**6.1**	**6.2**	*6.8*	*7.4*	*6.5*	*6.5*	*6.9*	*7.3*	*6.6*	**6.4**	*6.7*	*6.8*
S. Atlantic.....	**7.2**	**7.4**	**8.0**	**7.7**	**8.0**	*8.4*	*8.6*	*8.1*	*8.2*	*8.6*	*9.1*	*8.4*	**7.6**	*8.3*	*8.6*
E. S. Central.....	**5.7**	**6.1**	**6.5**	**6.4**	**6.3**	*6.9*	*7.4*	*6.7*	*6.6*	*6.9*	*7.3*	*6.7*	**6.2**	*6.8*	*6.9*
W. S. Central....	**7.3**	**8.1**	**9.1**	**9.2**	**9.0**	*9.2*	*9.6*	*8.9*	*9.0*	*9.4*	*9.9*	*9.4*	**8.5**	*9.2*	*9.4*
Mountain	**6.7**	**7.3**	**7.7**	**7.3**	**7.1**	*7.7*	*8.4*	*7.7*	*7.4*	*8.1*	*8.5*	*7.8*	**7.3**	*7.8*	*8.0*
Pacific	**8.8**	**9.5**	**10.5**	**9.3**	**9.5**	*10.4*	*11.3*	*10.4*	*9.6*	*10.4*	*11.3*	*10.5*	**9.6**	*10.4*	*10.5*
Total	**7.5**	**7.9**	**8.6**	**8.2**	**8.3**	*8.8*	*9.2*	*8.6*	*8.5*	*9.0*	*9.5*	*8.8*	**8.1**	*8.7*	*9.0*

[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**	*474.1*	*532.7*	*514.8*	*501.2*	*471.4*	*539.4*	*513.8*	**1992.5**	*2003.9*	*2025.8*
Petroleum	**25.8**	**22.9**	**38.3**	**28.8**	**13.8**	*19.1*	*27.6*	*19.7*	*25.1*	*19.8*	*28.7*	*21.3*	**115.8**	*80.0*	*94.9*
Natural Gas	**129.1**	**161.7**	**244.3**	**139.9**	**124.3**	*178.4*	*232.0*	*149.0*	*137.3*	*172.0*	*230.6*	*150.8*	**675.1**	*683.8*	*690.7*
Other [b]	**272.4**	**273.8**	**285.9**	**268.0**	**289.2**	*296.4*	*292.6*	*275.1*	*287.5*	*292.3*	*295.5*	*276.7*	**1100.0**	*1153.4*	*1151.9*
Subtotal	**919.2**	**925.2**	**1108.2**	**930.8**	**909.7**	*967.9*	*1084.9*	*958.6*	*951.1*	*955.4*	*1094.2*	*962.6*	**3883.4**	*3921.1*	*3963.3*
Commercial															
Coal	**0.3**	**0.3**	**0.4**	**0.3**	**0.3**	*0.3*	*0.4*	*0.3*	*0.3*	*0.3*	*0.4*	*0.3*	**1.3**	*1.3*	*1.3*
Petroleum	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	*0.3*	*0.9*	*0.9*	*0.7*	*0.6*	*0.9*	*0.9*	**0.4**	*2.2*	*3.1*
Natural Gas	**1.0**	**1.0**	**1.2**	**0.9**	**0.8**	*1.0*	*1.2*	*0.9*	*0.9*	*0.9*	*1.2*	*0.9*	**4.0**	*4.0*	*3.9*
Other [b]	**0.6**	**0.6**	**0.6**	**0.6**	**0.6**	*0.4*	*-0.2*	*-0.2*	*0.0*	*0.0*	*-0.2*	*-0.2*	**2.5**	*0.6*	*-0.3*
Subtotal	**2.1**	**2.0**	**2.3**	**1.9**	**1.8**	*2.0*	*2.3*	*2.0*	*1.9*	*1.9*	*2.2*	*2.0*	**8.2**	*8.1*	*8.0*
Industrial															
Coal	**5.1**	**4.8**	**5.3**	**5.1**	**5.1**	*5.2*	*5.6*	*6.0*	*5.6*	*5.2*	*5.5*	*6.0*	**20.3**	*21.8*	*22.4*
Petroleum	**1.6**	**1.3**	**1.5**	**1.4**	**1.2**	*1.1*	*1.5*	*1.6*	*1.3*	*1.2*	*1.5*	*1.6*	**5.7**	*5.4*	*5.7*
Natural Gas	**17.9**	**18.4**	**20.5**	**15.7**	**16.3**	*19.0*	*21.5*	*18.2*	*18.1*	*19.3*	*21.4*	*18.4*	**72.4**	*75.1*	*77.2*
Other [b]	**12.1**	**12.1**	**12.3**	**11.3**	**11.9**	*12.2*	*13.0*	*13.2*	*13.1*	*12.9*	*12.9*	*13.3*	**47.9**	*50.3*	*52.2*
Subtotal	**36.7**	**36.6**	**39.6**	**33.5**	**34.4**	*37.6*	*41.6*	*39.0*	*38.1*	*38.7*	*41.4*	*39.3*	**146.3**	*152.6*	*157.4*
Total	**957.9**	**963.8**	**1150.0**	**966.2**	**945.9**	*1006.5*	*1128.8*	*999.5*	*991.0*	*996.0*	*1137.8*	*1003.9*	**4038.0**	*4080.7*	*4128.7*

[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**	*4.93*	*5.56*	*5.39*	*5.22*	*4.92*	*5.63*	*5.38*	**20.73**	*20.88*	*21.14*
Petroleum	**0.28**	**0.25**	**0.41**	**0.31**	**0.15**	*0.17*	*0.29*	*0.21*	*0.26*	*0.21*	*0.30*	*0.23*	**1.24**	*0.83*	*1.01*
Natural Gas	**1.09**	**1.40**	**2.14**	**1.19**	**1.05**	*1.55*	*2.02*	*1.26*	*1.16*	*1.49*	*2.01*	*1.27*	**5.82**	*5.88*	*5.92*
Other [b]	**2.91**	**2.92**	**3.05**	**2.87**	**3.08**	*3.11*	*3.12*	*2.94*	*3.07*	*3.11*	*3.16*	*2.96*	**11.76**	*12.26*	*12.29*
Subtotal	**9.39**	**9.41**	**11.24**	**9.51**	**9.29**	*9.76*	*11.00*	*9.79*	*9.71*	*9.73*	*11.10*	*9.83*	**39.55**	*39.84*	*40.37*
Commercial															
Coal	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*	**0.02**	*0.02*	*0.02*
Petroleum	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*	**0.01**	*0.00*	*0.01*
Natural Gas	**0.01**	**0.01**	**0.01**	**0.01**	**0.01**	*0.01*	*0.01*	*0.01*	*0.01*	*0.01*	*0.01*	*0.01*	**0.05**	*0.04*	*0.04*
Other [b]	**0.01**	**0.01**	**0.01**	**0.01**	**0.01**	*0.01*	*0.01*	*0.01*	*0.01*	*0.01*	*0.01*	*0.01*	**0.03**	*0.04*	*0.04*
Subtotal	**0.02**	**0.02**	**0.03**	**0.02**	**0.02**	*0.03*	*0.03*	*0.03*	*0.03*	*0.03*	*0.03*	*0.03*	**0.10**	*0.11*	*0.11*
Industrial															
Coal	**0.07**	**0.06**	**0.07**	**0.07**	**0.07**	*0.06*	*0.07*	*0.08*	*0.07*	*0.07*	*0.07*	*0.08*	**0.27**	*0.28*	*0.29*
Petroleum	**0.02**	**0.02**	**0.02**	**0.02**	**0.02**	*0.02*	*0.02*	*0.02*	*0.02*	*0.02*	*0.02*	*0.02*	**0.08**	*0.08*	*0.08*
Natural Gas	**0.19**	**0.20**	**0.21**	**0.16**	**0.17**	*0.19*	*0.22*	*0.19*	*0.18*	*0.20*	*0.22*	*0.19*	**0.76**	*0.77*	*0.79*
Other [b]	**0.18**	**0.17**	**0.17**	**0.16**	**0.18**	*0.17*	*0.18*	*0.19*	*0.19*	*0.18*	*0.18*	*0.19*	**0.69**	*0.72*	*0.74*
Subtotal	**0.47**	**0.45**	**0.48**	**0.41**	**0.43**	*0.44*	*0.50*	*0.48*	*0.46*	*0.47*	*0.50*	*0.48*	**1.80**	*1.85*	*1.91*
Total	**9.88**	**9.88**	**11.75**	**9.94**	**9.74**	*10.23*	*11.53*	*10.29*	*10.20*	*10.22*	*11.62*	*10.34*	**41.45**	*41.80*	*42.38*
						(Physical Units)									
Electric Power [a]															
Coal (mmst)	**256.0**	**242.4**	**282.3**	**257.7**	**250.8**	*246.8*	*278.4*	*269.8*	*261.5*	*246.4*	*281.8*	*269.3*	**2.84**	*2.87*	*2.90*
Petroleum (mmbd)	**0.50**	**0.44**	**0.72**	**0.54**	**0.28**	*0.31*	*0.51*	*0.37*	*0.47*	*0.37*	*0.53*	*0.40*	**0.55**	*0.37*	*0.45*
Natural Gas (tcf)	**1.06**	**1.37**	**2.09**	**1.16**	**1.02**	*1.51*	*1.97*	*1.22*	*1.13*	*1.45*	*1.96*	*1.24*	**5.68**	*5.73*	*5.78*
Commercial															
Coal (mmst)	**0.19**	**0.18**	**0.20**	**0.18**	**0.19**	*0.16*	*0.21*	*0.19*	*0.19*	*0.16*	*0.20*	*0.19*	**0.00**	*0.00*	*0.00*
Petroleum (mmbd)	**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*
Natural Gas (tcf)	**0.01**	**0.01**	**0.01**	**0.01**	**0.01**	*0.01*	*0.01*	*0.01*	*0.01*	*0.01*	*0.01*	*0.01*	**0.05**	*0.04*	*0.04*
Industrial															
Coal (mmst)	**3.07**	**2.89**	**3.09**	**3.03**	**3.02**	*2.87*	*3.25*	*3.51*	*3.26*	*3.04*	*3.22*	*3.54*	**12.08**	*12.66*	*13.06*
Petroleum (mmbd)	**0.04**	**0.03**	**0.04**	**0.03**	**0.03**	*0.03*	*0.04*	*0.04*	*0.03*	*0.03*	*0.04*	*0.04*	**0.04**	*0.03*	*0.04*
Natural Gas (tcf)	**0.19**	**0.19**	**0.21**	**0.16**	**0.16**	*0.19*	*0.22*	*0.18*	*0.18*	*0.19*	*0.21*	*0.18*	**0.74**	*0.75*	*0.77*

[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**	*2.963*	*2.758*	**-1.2**	*11.9*	*-6.9*
Geothermal, Solar and Wind Energy	**0.460**	**0.471**	*0.533*	*0.616*	**2.4**	*13.2*	*15.6*
Biofuels [b]	**0.510**	**0.531**	*0.529*	*0.543*	**4.1**	*-0.4*	*2.6*
Total	**3.649**	**3.649**	*4.025*	*3.917*	**0.0**	*10.3*	*-2.7*
Other Sectors [c]							
Residential and Commercial [d]	**0.513**	**0.527**	*0.527*	*0.540*	**2.7**	*0.0*	*2.5*
Residential	**0.408**	**0.421**	*0.415*	*0.422*	**3.2**	*-1.4*	*1.7*
Commercial	**0.106**	**0.106**	*0.112*	*0.118*	**0.0**	*5.7*	*5.4*
Industrial [e]	**1.676**	**1.633**	*1.576*	*1.505*	**-2.6**	*-3.5*	*-4.5*
Transportation [f]	**0.296**	**0.340**	*0.412*	*0.534*	**14.9**	*21.2*	*29.6*
Total	**2.485**	**2.499**	*2.515*	*2.579*	**0.6**	*0.6*	*2.5*
Total Renewable Energy Demand	**6.134**	**6.148**	*6.540*	*6.496*	**0.2**	*6.4*	*-0.7*

[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**	*11506*	*11791*
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**	*62.81*	*61.87*
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**	*5.03*	*5.53*
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**	*12.32*	*12.18*
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**	*20.67*	*21.07*
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**	**21.87**	*21.60*	*22.41*
Coal (million short tons)	**944**	**951**	**962**	**1006**	**1030**	**1037**	**1039**	**1084**	**1060**	**1066**	**1095**	**1107**	**1128**	*1138*	*1151*
Electricity (billion kilowatthours)															
Retail Sales [c]	**2861**	**2935**	**3013**	**3101**	**3146**	**3264**	**3312**	**3421**	**3382**	**3466**	**3489**	**3548**	**3660**	*3677*	*3713*
Other Use/Sales [d]	**128**	**134**	**144**	**146**	**148**	**161**	**183**	**181**	**173**	**177**	**179**	**179**	**171**	*177*	*183*
Total	**2989**	**3069**	**3157**	**3247**	**3294**	**3425**	**3495**	**3603**	**3555**	**3643**	**3668**	**3727**	**3830**	*3854*	*3895*
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**	*99.4*	*101.3*
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**	*8.64*	*8.59*

[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, July 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**	*11506*	*11791*
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**	*115.5*	*118.0*
Real Disposable Personal Income (billion chained 2000 Dollars)	**5594**	**5746**	**5906**	**6081**	**6296**	**6664**	**6862**	**7194**	**7333**	**7562**	**7742**	**8004**	**8113**	*8273*	*8561*
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**	*115.3*	*118.0*
Real Fixed Investment (billion chained 2000 dollars)	**953**	**1042**	**1110**	**1209**	**1321**	**1455**	**1576**	**1679**	**1629**	**1545**	**1600**	**1755**	**1897**	*1998*	*2013*
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**	*10.5*	*4.5*
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**	*1.652*	*1.687*
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**	*2.017*	*2.059*
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**	**1.650**	*2.008*	*1.960*
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**	*135.3*	*137.1*
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**	*89.3*	*90.7*
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**	*112.5*	*114.8*
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**	*122.0*	*123.3*
Weather [a]															
Heating Degree-Days															
U.S.	**4671**	**4470**	**4516**	**4689**	**4525**	**3946**	**4154**	**4447**	**4193**	**4272**	**4459**	**4289**	**4315**	*4080*	*4433*
New England	**6803**	**6748**	**6632**	**6749**	**6726**	**5743**	**6013**	**6584**	**6112**	**6098**	**6847**	**6612**	**6550**	*6177*	*6574*
Middle Atlantic	**6039**	**6083**	**5967**	**6118**	**5942**	**4924**	**5495**	**5942**	**5438**	**5371**	**6097**	**5749**	**5804**	*5334*	*5862*
U.S. Gas-Weighted	**5062**	**4861**	**4905**	**5092**	**4911**	**4271**	**4510**	**4796**	**4534**	**4635**	**4828**	**4641**	**4660**	*4416*	*4755*
Cooling Degree-Days (U.S.)	**1251**	**1254**	**1322**	**1216**	**1195**	**1438**	**1328**	**1268**	**1288**	**1398**	**1292**	**1232**	**1395**	*1395*	*1237*

[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 July 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**	*23.55*	*23.65*
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**	*19.04*	*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**	*10.65*	*11.70*
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**	*8.25*	*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**	*2.94*	*2.74*
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**	*3.51*	*3.69*
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**	*70.30*	*71.69*
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**	*3.52*	*3.75*
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**	*20.82*	*20.83*
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**	*3.11*	*2.93*
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*	*0.06*
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**	*27.27*	*27.30*
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**	**0.99**	*0.24*	*0.75*
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**	*23.17*	*23.34*
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**	**21.95**	*21.59*	*22.47*
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**	*40.28*	*41.16*
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**	*8.25*	*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**	*4.52*	*4.40*
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**	**97.70**	*97.81*	*99.73*

[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**	*62.81*	*61.87*
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**	*70.29*	*69.38*
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**	*7.07*	*7.48*
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**	*7.69*	*8.17*
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**	*2.77*	*2.71*
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**	*2.72*	*2.67*
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**	*2.81*	*2.74*
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**	*1.96*	*1.97*
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**	*2.42*	*2.44*
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**	*54.84*	*54.67*
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**	*1.66*	*1.67*
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**	*8.82*	*8.52*
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**	*7.53*	*7.89*
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**	*13.95*	*13.53*
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**	*10.27*	*10.63*

[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**	*5.03*	*5.53*
Alaska	**1.58**	**1.56**	**1.48**	**1.39**	**1.30**	**1.17**	**1.05**	**0.97**	**0.96**	**0.98**	**0.97**	**0.91**	**0.86**	*0.64*	*0.74*
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**	*1.32*	*1.70*
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**	*3.07*	*3.08*
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**	*10.13*	*10.13*
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**	*-0.02*	*-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**	*0.07*	*0.02*
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**	*0.09*	*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**	*15.29*	*15.76*
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**	*0.46*	*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*	*1.01*
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**	*2.19*	*2.05*
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**	*20.67*	*21.07*
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**	*9.20*	*9.29*
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**	*1.65*	*1.69*
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**	*4.21*	*4.30*
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**	*0.74*	*0.77*
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**	*4.87*	*5.02*
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**	*20.67*	*21.07*
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**	*12.32*	*12.18*
Closing Stocks (million barrels)															
Crude Oil (excluding SPR)	**335**	**337**	**303**	**284**	**305**	**324**	**284**	**286**	**312**	**278**	**269**	**286**	**323**	*299*	*292*
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**	*40*	*40*
Distillate Fuel Oil	**141**	**145**	**130**	**127**	**138**	**156**	**125**	**118**	**145**	**134**	**137**	**126**	**136**	*139*	*136*
Residual Fuel Oil	**44**	**42**	**37**	**46**	**40**	**45**	**36**	**36**	**41**	**31**	**38**	**42**	**37**	*41*	*40*
Other Oils [g]	**273**	**275**	**258**	**250**	**259**	**291**	**246**	**247**	**287**	**257**	**241**	**257**	**266**	*257*	*258*

[a] Includes lease condensate.
[b] Crude oil production from U.S. Federal leases in the Gulf of Mexico
[b] Net imports equals gross imports plus SPR imports minus exports.
[c] Includes finished petroleum products, unfinished oils, gasoline blending components, and natural gas plant liquids for processing.
[d] 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.
[e] 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.
[f] 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**	*18.48*	*18.56*
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**	*0.45*	*0.45*
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**	*3.15*	*3.51*
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**	*14.89*	*14.60*
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**	*4.17*	*4.52*
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**	*0.74*	*0.86*
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**	*3.43*	*3.66*
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**	*0.07*	*0.07*
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**	*21.98*	*22.28*
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**	*2.64*	*2.80*
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**	*2.80*	*2.66*
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**	*-0.16*	*0.14*
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**	*21.81*	*22.42*
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**	**-0.10**	*-0.21*	*-0.01*
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**	**21.87**	*21.60*	*22.41*
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**	*4.47*	*4.88*
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**	*2.89*	*3.05*
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**	**7.60**	*7.74*	*7.95*
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**	*1.09*	*1.10*
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**	**6.53**	*6.64*	*6.85*
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**	*1.00*	*1.01*
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**	**5.59**	*5.64*	*5.84*
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**	*0.58*	*0.61*
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**	*5.92*	*5.92*
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***	**21.87**	*21.60*	*22.41*

[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**	*1153.8*	*1158.9*
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**	*404.9*	*395.2*
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**	*151.7*	*147.2*
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**	*597.2*	*616.5*
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**	*34.6*	*35.1*
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**	*35.1*	*30.8*
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**	*-0.5*	*4.3*
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**	*38.0*	*40.3*
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**	*48.5*	*51.7*
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**	*1142.9*	*1151.8*
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**	*109.4*	*107.8*
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**	*107.8*	*123.7*
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**	*1.6*	*-15.9*
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**	*15.1*	*15.1*
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**	*1159.6*	*1151.0*
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**	*25.6*	*26.2*
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**	*1046.5*	*1059.6*
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**	*66.3*	*65.2*
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**	*4.7*	*4.0*
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**	*61.6*	*61.2*
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**	*23.4*	*23.6*
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**	*38.2*	*37.6*
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**	*1138.4*	*1151.0*
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**	*21.2*	*0.0*

[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**	*2003.9*	*2025.8*
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**	*80.0*	*94.9*
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**	*683.8*	*690.7*
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**	*788.1*	*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**	*282.9*	*266.7*
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**	*82.4*	*84.1*
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**	*3921.1*	*3963.3*
Other Sectors [c]	**153.3**	**158.8**	**159.3**	**160.0**	**162.8**	**162.9**	**164.8**	**164.6**	**156.6**	**160.0**	**162.0**	**162.2**	**154.6**	*159.6*	*165.4*
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**	*4080.7*	*4128.7*
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**	*26.6*	*16.6*
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**	*4107.3*	*4145.3*
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**	*253.3*	*249.9*
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**	*1371.8*	*1380.7*
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**	*1272.9*	*1292.3*
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**	*1024.2*	*1032.1*
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**	*7.7*	*7.7*
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**	*3676.6*	*3712.8*
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**	*177.4*	*182.6*
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**	*3854.0*	*3895.3*

[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.