

November 2006

## Short-Term Energy Outlook

November 7, 2006 Release  
(Next Update: December 12, 2006)

### *Overview*

The recent announcement of plans for a 1.2 million barrels per day (bbl/d) cut in oil production by the Organization of Petroleum Exporting Countries (OPEC) has not yet made much of an impact on world oil prices, as the market awaits evidence of substantial compliance. Recent spot prices for West Texas Intermediate (WTI) crude oil are the lowest since February 2005. Demand for petroleum should grow as the winter heating season ramps up. With some reduction in OPEC oil production, the price of WTI crude oil is projected to rise over the next several months. The price of WTI crude oil is projected to average around \$66 per barrel in 2006 and \$65 per barrel in 2007 ([West Texas Intermediate Crude Oil Price](#)).

Daily natural gas spot prices, which fell throughout September because of moderate temperatures and high inventories in underground storage, have risen sharply in recent weeks. This price movement was not unexpected once the heating season began. [Henry Hub Natural Gas Spot Prices](#) are projected to average \$7.06 per mcf in 2006 and increase to an average of \$7.79 per mcf in 2007.

Our forecast of [winter heating fuel expenditures](#) has not changed significantly from last month. Average household heating fuel expenditures are projected to be \$928 this winter compared to \$947 last winter. This is the first winter since the winter of 2001-02 in which home heating fuel expenditures are not expected to significantly increase over the prior winter.

### *Global Petroleum Markets*

In response to rising oil inventories and declining world oil prices, OPEC announced that it would cut its oil production by 1.2 million bbl/d effective November 1, 2006. This production cut differs from previous ones in that the stated intent is to reduce production from actual output levels, not just from OPEC production quotas. Although OPEC announced the target reductions each country is supposed to make, it did not specify the production level that each country is to use as the starting point for making its cuts. The absence of a benchmark contributes to the uncertainty over

the amount by which each OPEC member will cut its production. This *Outlook* assumes that OPEC crude oil production will decline by almost 0.8 million bbl/d from October levels for the remainder of 2006 (see Table SP1 below).

With the expected reduction in OPEC oil production along with growing petroleum demand during the winter heating season, the average monthly price of WTI crude oil is projected to rise by about \$2 per barrel each month over the next several months.

The OPEC oil production cuts provide only a temporary increase in surplus world crude oil production capacity. A projected increase in world oil consumption growth in 2007 is expected to result in an increase in the demand for OPEC oil from 2006 levels. Surplus world crude oil production capacity, all of which is located in Saudi Arabia, is projected to increase only slightly in 2007 ([World Oil Surplus Production Capacity](#)), thus remaining near 30-year lows.

**Table SP1. OPEC Production (million barrels per day)**

	07/01/2005	Oct. 2006	Nov. 2006	Nov. 2006	Nov. 2006
	Quota	Estimated	Forecast	Projected Cut	Targeted Cut
		Production	Production		
Algeria	894	1,430	1,370	-60	-59
Indonesia	1,451	890	890	0	-39
Iran	4,110	3,750	3,700	-50	-176
Kuwait	2,247	2,600	2,500	-100	-100
Libya	1,500	1,700	1,650	-50	-72
Nigeria	2,306	2,300	2,300	0	-100
Qatar	726	850	815	-35	-35
Saudi Arabia	9,099	9,200	8,850	-350	-380
UAE	2,444	2,600	2,500	-100	-101
Venezuela	<u>3,223</u>	<u>2,450</u>	<u>2,450</u>	<u>0</u>	<u>-138</u>
Total OPEC 10	28,000	27,770	27,025	-745	-1,200

Nov. 2006 Projected Cut = Nov. 2006 forecast production - Oct. 2006 estimated production.

Nov. 2006 Targeted Cut = OPEC agreement on Oct. 20, 2006, to cut actual production effective Nov. 1, 2006.

Despite prevailing high prices, world petroleum consumption is projected to grow by 1.0 million bbl/d in 2006 and by 1.5 million bbl/d in 2007 ([World Oil Consumption Growth](#)). This reflects a downward revision of 0.2 million bbl/d for growth in 2006 compared with the previous *Outlook*, largely because of upward revisions to historical consumption levels for 2005. Petroleum consumption in the United States is expected to rise by 0.3 million bbl/d in 2007, following another year

of relatively flat consumption. The United States and China are projected to account for over half of the worldwide growth in oil consumption in 2007. Demand growth is also projected to be strong in the oil-exporting countries of the Middle East, which are benefiting from their current high oil revenues.

World oil inventories increased in Organization for Economic Cooperation and Development (OECD) countries during the first half of 2006 as concerns about potential supply problems rose. Some of these potential problems, such as further disruption during hurricane season in the Gulf of Mexico, never materialized, leading to greater than expected increases in inventory levels. Despite rising inventory levels during July and August, EIA projects that OECD inventories will decrease during the fourth quarter of 2006 and during 2007. By the end of 2007, EIA projects days of supply of OECD inventories to finish at the bottom of the normal range for that time of year, which is expected to maintain a tight market.

New supplies from non-OPEC countries will partially meet anticipated demand growth. The net annual growth in non-OPEC oil production for 2006 is projected to total around 0.6 million bbl/d ([Growth in World Consumption and Non-OPEC Production](#)). Although production will be limited at first, Russia's [Sakhalin I Project](#) and the United Kingdom's Buzzard field should begin adding new supply late in the fourth quarter. Non-OPEC production is expected to rise by 1.3 million bbl/d in 2007 ([International Oil Supply Charts](#)), as new projects in the Caspian Region, Africa, and Brazil add more than 0.9 million bbl/d of production.

### ***U.S. Petroleum Markets***

[U.S. Petroleum Products Consumption](#) in 2006 is not expected to vary much from levels seen in 2005. Strong transportation demand growth (gasoline, diesel fuel, and jet fuel) in the second half of 2006 is expected to compensate for less-than-typical demand growth for these fuels in the first half of 2006. Declining natural gas prices have pushed demand for residual fuel oil well below 2005 levels, further dampening anticipated 2006 growth in total petroleum product demand. In 2007, however, total product consumption is projected to average 21.0 million bbl/d, up 1.5 percent, with all petroleum categories contributing to that growth.

Domestic oil production in 2006 is expected to average 5.2 million bbl/d, which is virtually unchanged from that of 2005, when hurricane activity depressed output for much of the second half of the year. In 2007, production is projected to average 5.4 million bbl/d, reflecting not only recovery from the impact of the 2005 hurricanes that continued to depress Gulf of Mexico production in the first half of 2006, but also the startup of new deepwater production.

Distillate inventories are expected to be adequate during the heating season. As of September 30, the beginning of the heating season, total distillate fuel inventories were 151 million barrels, almost 24 million barrels above the average over the previous 5 years. Inventory drawdown this winter got off to a strong start with a 9-million-barrel draw in October, the largest October decline on record. Total distillate fuel inventories at the end of winter (March 31, 2007) are projected to be 118 million barrels, 2 million barrels below last season's levels but 8 million barrels higher than the previous 5-year average.

Total motor gasoline stocks are also projected to remain at or slightly above the previous 5-year average during the winter season. Inventories as of October 31 were an estimated 204 million barrels, up 3 million barrels from last year, and are projected to be 214 million barrels at the beginning of next year's driving season (March 31, 2007), up 4 million barrels from last year. The sharp 11.5 million barrel October decline in total gasoline stocks moved absolute inventories from the top to the middle of the normal range, and to the bottom of the days-of-supply range. This sets the stage for an increase in gasoline margins both near-term and by spring.

### *U.S. Natural Gas Markets*

Relatively high levels of natural gas in storage and a forecast of slightly warmer-than-normal weather (though not as warm as last winter) should keep Henry Hub spot prices below \$9 per mcf through the winter heating season. EIA projects the monthly average Henry Hub spot price will peak in January at roughly \$8.70 per mcf. The Henry Hub price is expected to average \$7.06 per mcf in 2006 and \$7.79 per mcf in 2007.

No growth in total natural gas consumption is projected in 2006 compared with 2005, but a 1.3-percent increase is expected in 2007 ([Total U.S. Natural Gas Consumption Growth](#)). The expected colder winter, compared with last winter, raises residential and commercial demand while the forecast for a cooler summer lowers natural gas demand for electricity generation. Residential and commercial sector consumption grow by 7.5 percent and 3.9 percent, respectively, in 2007, as the number of heating degree-days is expected to increase by about 7 percent. Industrial sector natural gas consumption is expected to show only modest growth of 1.2 percent over 2006. Power sector consumption, on the other hand, is expected to decline by 4.3 percent in 2007, following 7.4-percent growth in 2006, as total cooling degree-days next year are expected to be about 12 percent lower than in 2006.

Domestic dry natural gas production is expected to increase by about 1.3 percent in 2006 and 0.4 percent in 2007. Net imports of natural gas are expected to show a 6.1-percent decline in 2006. In 2007, net imports are expected to increase by 2.6 percent primarily due to the rise in liquefied natural gas (LNG) imports. Projected LNG imports in 2006 are below 2005 levels because of price competition with Europe. The growing availability of supplies from liquefaction facilities in Trinidad and Tobago and Nigeria contribute to the expected increase in LNG imports in 2007. However, U.S. LNG imports will continue to be affected by price competition from other LNG-consuming economies, particularly in Europe.

As of October 27, working gas in storage was 3,452 billion cubic feet (bcf), a level 288 bcf above the year-ago level and 276 bcf above the 5-year average for that date ([U.S. Working Natural Gas in Storage](#)). Storage levels are near EIA's estimated maximum working gas storage capacity of about 3,600 bcf. Working gas inventories are projected to end the winter (March 31, 2007) at about 1,405 bcf, 285 bcf below the level of 1,690 bcf reached at the end of March 2006, but still about 150 bcf above the average of the last 5 years.

### *Electricity*

A number of States instituted temporary retail price caps over the past decade in order to ease uncertainties associated with the restructuring of the electric power industry. Many of these caps are expiring during 2006-2007, while peak-load fuel prices have been extremely volatile, and some regions have witnessed double-digit growth in electricity prices. Residential electricity prices in 2006 are projected to be 10.9 percent higher than 2005 prices. Legislatures in Virginia, Maryland, and Illinois have implemented or are considering extensions of rate caps to help stabilize prices. Rate caps in Texas and Delaware are set to fully expire in 2007. Attempting to project the level of future electricity prices is difficult in this economic climate, but rates are likely to increase as higher fuel costs are passed through to retail customers. During 2007, residential electricity prices are projected to increase by about 2.4 percent to 10.7 cents per kilowatthour.

### *Coal*

Total U.S. coal consumption is expected to remain flat in 2006 and increase by 1.9 percent in 2007 ([U.S. Coal Consumption Growth](#)). Coal consumption in the electric power sector is likewise expected to be flat in 2006, but grow by 2.1 percent in 2007.

**Table WF01. Selected U.S. Average Consumer Prices\* and Expenditures for Heating Fuels During the Winter**  
(Energy Information Administration/Short-Term Energy Outlook -- November 2006)

Fuel / Region	Winter of							Forecast	
	00-01	01-02	02-03	03-04	04-05	AvG.00-05	05-06	06-07	% Change
<b>Natural Gas</b>									
<b>Northeast</b>									
Consumption (mcf**)	87.3	67.7	84.3	79.9	79.7	79.8	73.8	79.0	7.0
Price (\$/mcf)	10.01	9.41	9.99	11.77	12.87	10.83	16.75	14.27	-14.8
Expenditures (\$)	874	637	842	941	1,026	864	1,237	1,127	-8.9
<b>Midwest</b>									
Consumption (mcf)	99.1	78.2	92.3	85.7	85.3	88.1	82.3	87.7	6.5
Price (\$/mcf)	8.77	6.26	7.61	8.77	10.02	8.32	13.37	11.48	-14.2
Expenditures (\$)	869	490	703	751	855	734	1,101	1,006	-8.6
<b>South</b>									
Consumption (mcf)	67.1	52.7	60.4	55.4	53.8	57.9	53.5	57.6	7.6
Price (\$/mcf)	10.22	8.17	9.03	10.67	12.25	10.06	16.59	14.01	-15.6
Expenditures (\$)	685	431	545	591	659	582	887	806	-9.1
<b>West</b>									
Consumption (mcf)	52.7	47.8	45.0	46.0	47.0	47.7	47.0	48.0	2.2
Price (\$/mcf)	9.75	7.08	7.55	8.84	10.20	8.71	12.92	11.54	-10.7
Expenditures (\$)	514	338	340	407	479	416	607	554	-8.7
<b>U.S. Average</b>									
Consumption (mcf)	77.8	62.5	71.2	67.2	66.7	69.1	64.5	68.4	5.9
Price (\$/mcf)	9.52	7.45	8.42	9.81	11.10	9.28	14.64	12.58	-14.1
Expenditures (\$)	740	465	600	659	741	641	945	860	-8.9
Households (thousands)	58,180	59,369	59,606	60,386	61,204	59,749	61,946	62,794	1.4
<b>Heating Oil</b>									
<b>Northeast</b>									
Consumption (gallons)	713.5	544.8	676.3	641.8	641.7	643.6	593.3	633.3	6.7
Price (\$/gallon)	1.44	1.18	1.42	1.46	1.93	1.49	2.45	2.45	0.2
Expenditures (\$)	1,030	641	963	935	1,237	961	1,454	1,554	6.9
<b>Midwest</b>									
Consumption (gallons)	618.1	449.4	533.8	492.9	486.8	516.2	469.4	506.7	7.9
Price (\$/gallon)	1.35	1.03	1.35	1.34	1.84	1.38	2.38	2.39	0.5
Expenditures (\$)	832	463	720	661	895	714	1,116	1,211	8.5
<b>South</b>									
Consumption (gallons)	479.6	342.9	423.8	398.4	383.2	405.6	378.3	400.5	5.9
Price (\$/gallon)	1.45	1.13	1.41	1.45	1.95	1.48	2.45	2.43	-0.7
Expenditures (\$)	697	387	597	578	746	601	926	973	5.1
<b>West</b>									
Consumption (gallons)	484.3	338.8	304.3	317.8	327.3	354.5	327.0	332.5	1.7
Price (\$/gallon)	1.49	1.09	1.39	1.46	1.98	1.48	2.50	2.51	0.4
Expenditures (\$)	723	369	422	463	649	525	816	833	2.1
<b>U.S. Average</b>									
Consumption (gallons)	708.8	542.7	659.0	625.0	622.8	631.7	584.6	622.5	6.5
Price (\$/gallon)	1.44	1.16	1.41	1.44	1.92	1.48	2.45	2.45	-0.1
Expenditures (\$)	1,020	627	932	903	1,199	936	1,431	1,523	6.4
Households (thousands)	8,466	8,119	8,000	8,018	8,046	8,130	8,064	8,085	0.3



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Fuel / Region	Winter of							Forecast	
	00-01	01-02	02-03	03-04	04-05	AvG.00-05	05-06	06-07	% Change
<b>Propane</b>									
<b>Northeast</b>									
Consumption (gallons)	875.6	741.2	914.4	870.1	869.2	854.1	807.7	859.8	6.5
Price (\$/gallon)	1.65	1.40	1.55	1.65	1.87	1.63	2.20	2.14	-2.5
Expenditures (\$)	1,442	1,040	1,413	1,436	1,629	1,392	1,774	1,841	3.8
<b>Midwest</b>									
Consumption (gallons)	906.7	733.1	858.2	799.2	790.3	817.5	765.3	819.3	7.1
Price (\$/gallon)	1.27	1.00	1.07	1.20	1.42	1.19	1.67	1.64	-1.9
Expenditures (\$)	1,149	734	919	955	1,119	975	1,275	1,340	5.1
<b>South</b>									
Consumption (gallons)	598.9	494.7	574.7	532.7	513.8	543.0	517.5	549.7	6.2
Price (\$/gallon)	1.63	1.24	1.45	1.57	1.79	1.54	2.12	2.01	-5.0
Expenditures (\$)	976	613	835	838	918	836	1,096	1,106	0.9
<b>West</b>									
Consumption (gallons)	658.0	618.2	582.2	588.8	597.9	609.0	595.2	610.4	2.6
Price (\$/gallon)	1.56	1.25	1.38	1.54	1.78	1.50	2.09	1.96	-6.1
Expenditures (\$)	1,028	776	805	904	1,066	916	1,242	1,196	-3.8
<b>U.S. Average</b>									
Consumption (gallons)	756.5	634.4	719.8	679.3	670.1	692.0	656.4	695.3	5.9
Price (\$/gallon)	1.46	1.16	1.29	1.42	1.64	1.40	1.95	1.86	-4.4
Expenditures (\$)	1,108	736	926	962	1,102	967	1,280	1,295	1.2
Households (thousands)	4,917	4,982	4,940	4,972	5,008	4,964	5,051	5,097	0.9
<b>Electricity</b>									
<b>Northeast</b>									
Consumption (kwh***)	9,980.7	8,955.4	10,528.1	10,126.0	10,106.1	9939.2	9,561.1	10038.3	5.0
Price (\$/kwh)	0.110	0.112	0.109	0.113	0.117	0.112	0.133	0.141	5.6
Expenditures (\$)	1,102	1,000	1,149	1,141	1,187	1,116	1,272	1,411	10.9
<b>Midwest</b>									
Consumption (kwh)	11,365.8	10,222.4	11,395.9	10,848.3	10,790.5	10924.6	10,548.1	11023.3	4.5
Price (\$/kwh)	0.074	0.076	0.075	0.077	0.077	0.08	0.081	0.086	5.8
Expenditures (\$)	844	782	852	831	835	829	856	946	10.5
<b>South</b>									
Consumption (kwh)	9,213.1	8,171.8	8,817.9	8,446.2	8,304.7	8590.8	8,299.4	8587.7	3.5
Price (\$/kwh)	0.074	0.076	0.074	0.079	0.082	0.08	0.092	0.096	4.6
Expenditures (\$)	679	617	656	664	679	659	763	826	8.2
<b>West</b>									
Consumption (kwh)	7,739.4	7,284.3	6,970.4	7,097.1	7,192.2	7256.7	7,183.3	7256.8	1.0
Price (\$/kwh)	0.084	0.091	0.089	0.090	0.092	0.09	0.096	0.105	9.2
Expenditures (\$)	650	666	622	640	661	648	690	761	10.3
<b>U.S. Average</b>									
Consumption (kwh)	8,896.3	7,980.6	8,533.3	8,259.7	8,191.9	8372.4	8,104.1	8367.2	3.2
Price (\$/kwh)	0.081	0.083	0.082	0.085	0.088	0.08	0.096	0.102	5.7
Expenditures (\$)	718	665	697	702	718	700	781	853	9.2
Households (thousands)	30,762	30,967	31,236	31,665	32,135	31,353	32,552	32,942	1.2
<b>All households (thousands)</b>	<b>102,324</b>	<b>103,437</b>	<b>103,782</b>	<b>105,040</b>	<b>106,393</b>	<b>104195.4</b>	<b>107,613</b>	<b>108,918</b>	<b>1.2</b>
<b>Average Expenditures (\$)</b>	<b>774</b>	<b>551</b>	<b>670</b>	<b>705</b>	<b>786</b>	<b>697.3</b>	<b>947</b>	<b>928</b>	<b>-2.1</b>

Note: Winter covers the period October 1 through March 31.

\* Prices include taxes

\*\* thousand cubic feet

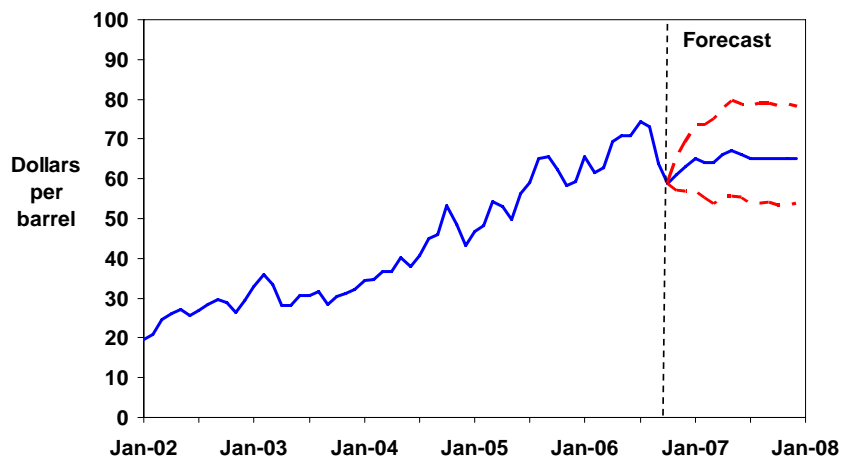
\*\*\* kilowatthour



## Short-Term Energy Outlook

### Chart Gallery for November 2006

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

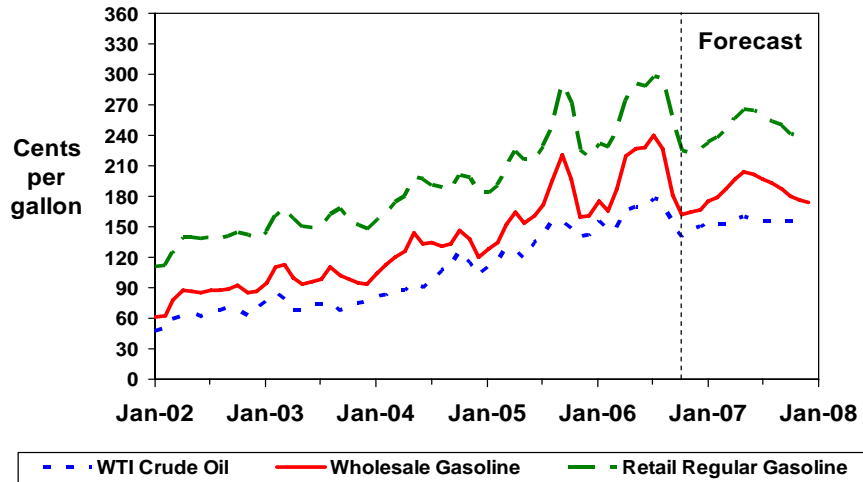


\*The confidence intervals show +/- 2 standard errors based on the properties of the model.

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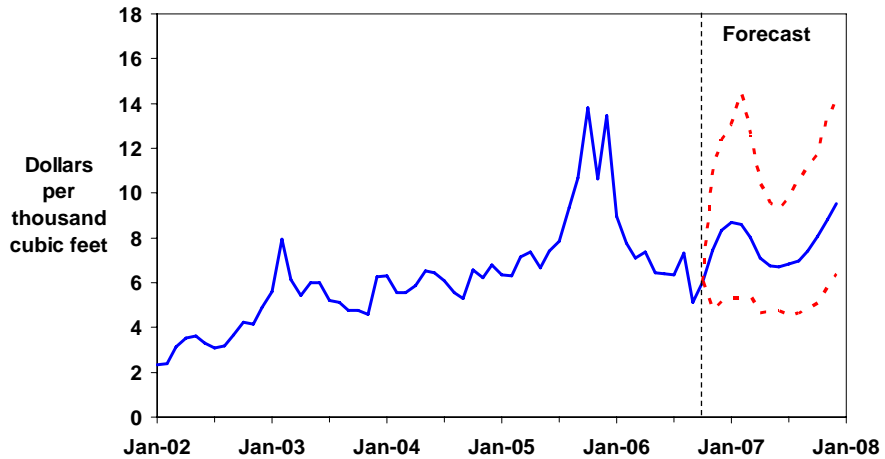
### Gasoline and Crude Oil Prices



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

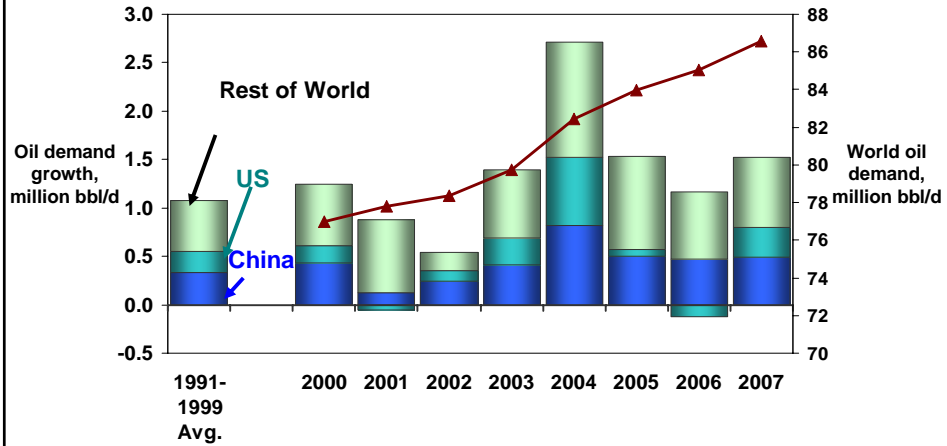


\*The confidence intervals show +/- 2 standard errors based on the properties of the model.

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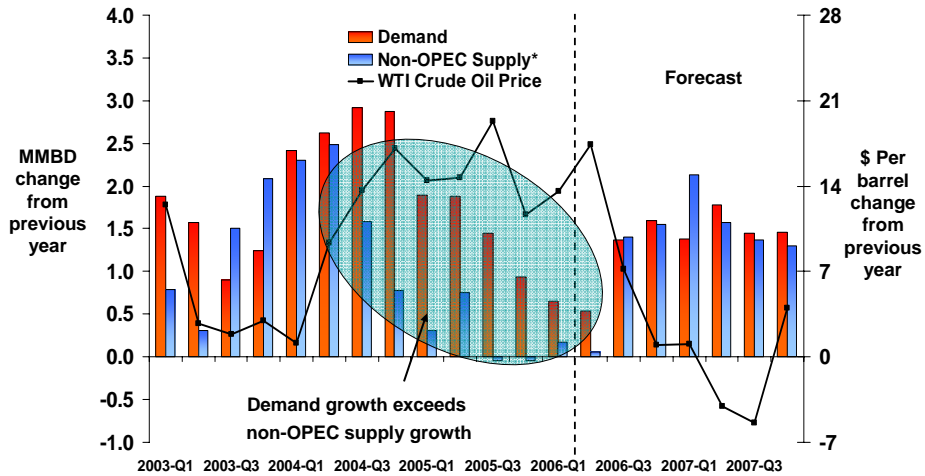
### World Oil Consumption Growth



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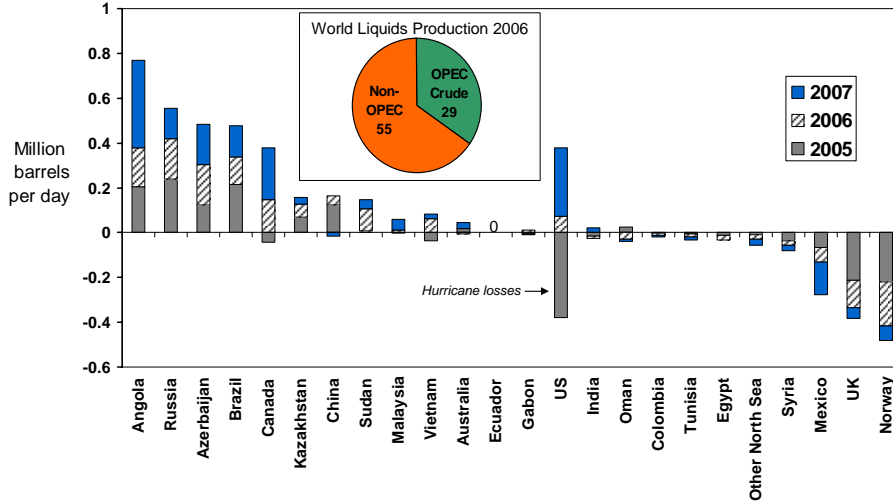
### Growth in World Consumption & Non-OPEC Production



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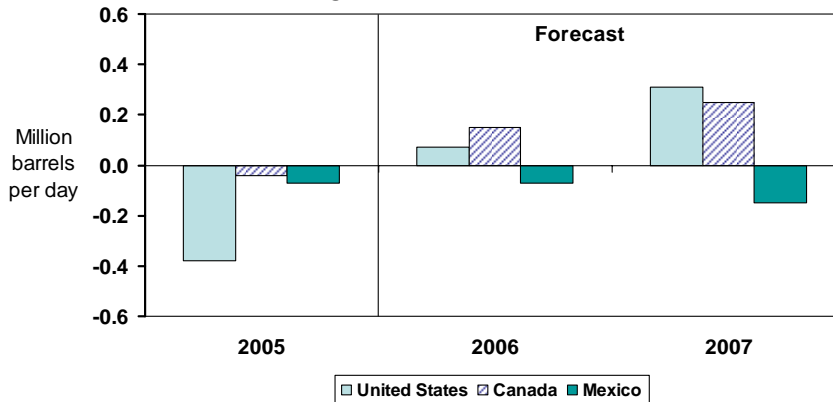
## World Oil Supply Growth (Change from Previous Year)



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## North America Oil Supply (Change from Previous Year)

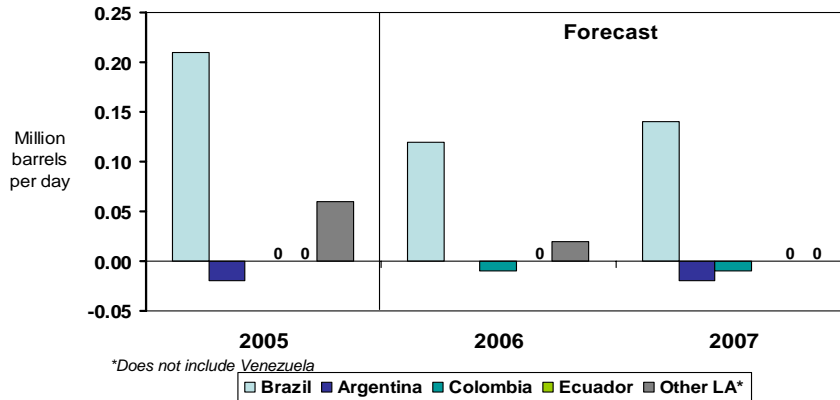


- Delay to Thunderhorse and Atlantis fields have lowered 2006 and 2007 US production forecast.
- Alaska production expected to stay lower than normal due to unscheduled maintenance, completion of inspections, and pending repairs or pipeline replacement work.
- Performance of Cantarell during first three-quarters of 2006 points to faster-than-anticipated declines in Mexican oil production.

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### Latin America Oil Supply (Change from Previous Year)

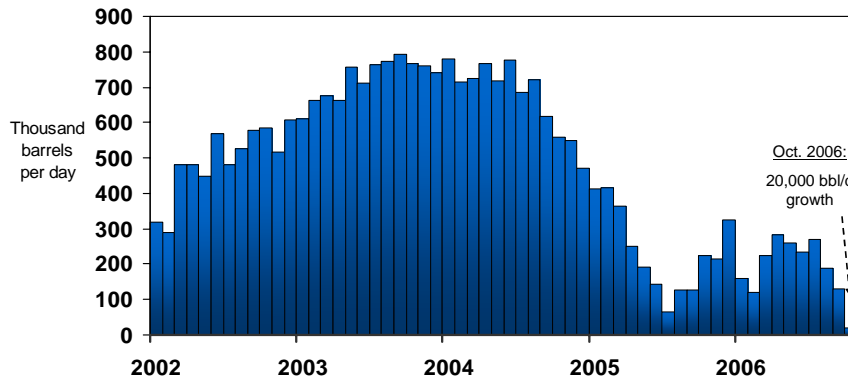


- In Brazil, delayed project startups and faster-than-expected declines at existing production have reduced expected oil supply growth in 2006 to 120 kb/d. However, the delayed startups have increased expected 2007 growth to 140 kb/d.
- Data from the first three-quarters of the year show declines in production are less than anticipated in Argentina and Colombia.

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### Russia Oil Supply (Change from Previous Year)

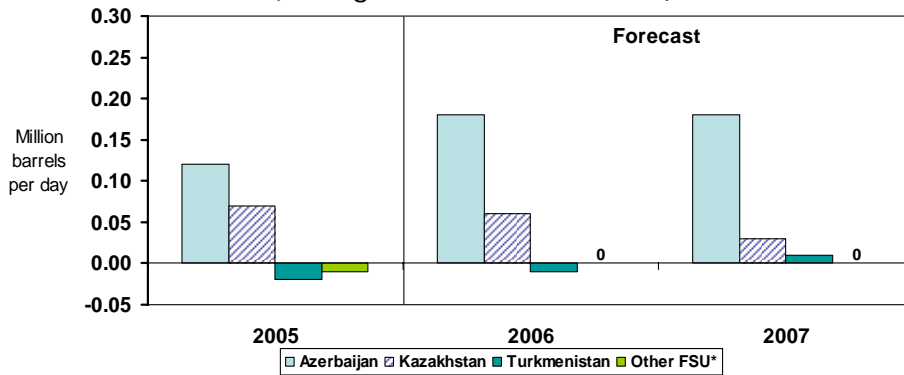


- EIA expects slower oil production growth of 1.9% in Russia in 2006.
- Surgut, Sibneft, TNK-BP production declined in Sep. from previous month, but Yukos is no longer negative factor on growth.
- Oil exports from Sakhalin 1 not expected until December 2006 at the earliest, to eventually add 250,000 bb/d. Costs for project raised from \$12 billion to \$17 billion.
- 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)



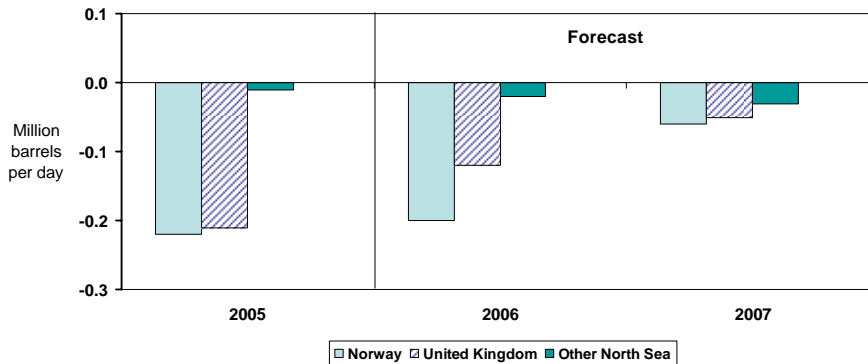
\*Other FSU includes Ukraine, Uzbekistan, Tajikistan and Kyrgyzstan

- Field maintenance at Chirag field and limitation of BTC flows to 250,000 bbl/d in Azerbaijan has limited monthly production growth temporarily.
- Kazakhstani oil production rebounding after maintenance problems at Karachaganak and Tengiz oil fields lowered 2006 production.

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

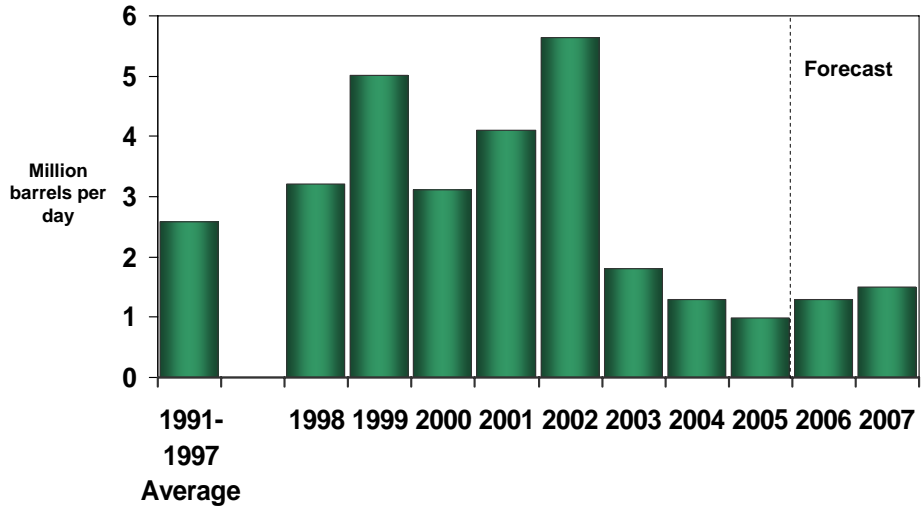


- North Sea liquids production continues to decline, but at a slower rate due to added capacity in 2006 and 2007.
- Heavy maintenance in August 2006 in Norway and UK, Snorre A and Vigdis (production totals almost 200,000 bbl/d) are back onstream after 10 day outage.
- Statoil announced new Kristin condensate field (47,000 bbl/d) will be held below target level and will not meet production target for 2007.
- In the UK, several fields totalling up to 120,000 bbl/d throughout 2006 will likely stem the rate of decline in 2006 and 2007. Buzzard, the largest of these, is expected to come online at 85,000 bbl/d in December 2006 and ramp to 100,000 bbl/d by mid-2007.

Short-Term Energy Outlook, November 2006



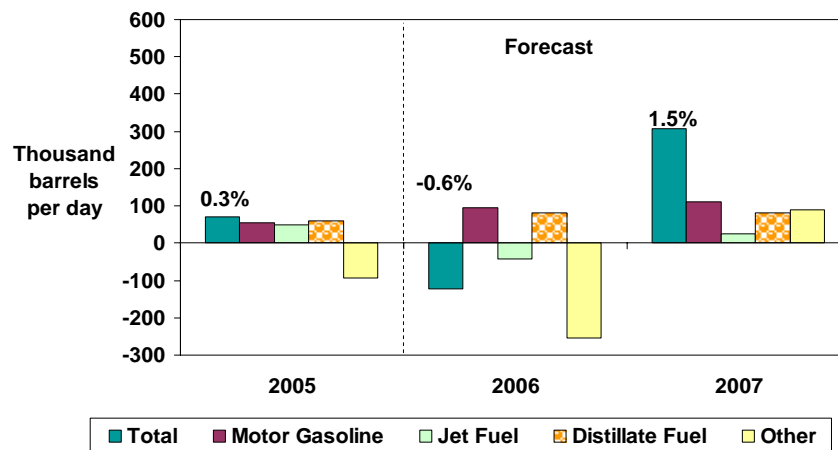
### World Oil Surplus Production Capacity



Short-Term Energy Outlook, November 2006



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

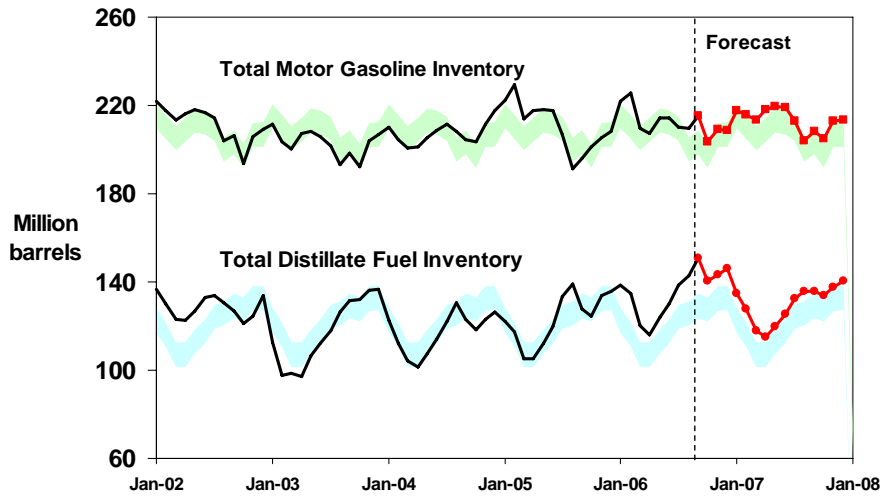


Note: Percent change refers to total petroleum product demand growth.

Short-Term Energy Outlook, November 2006



### Gasoline and Distillate Inventories

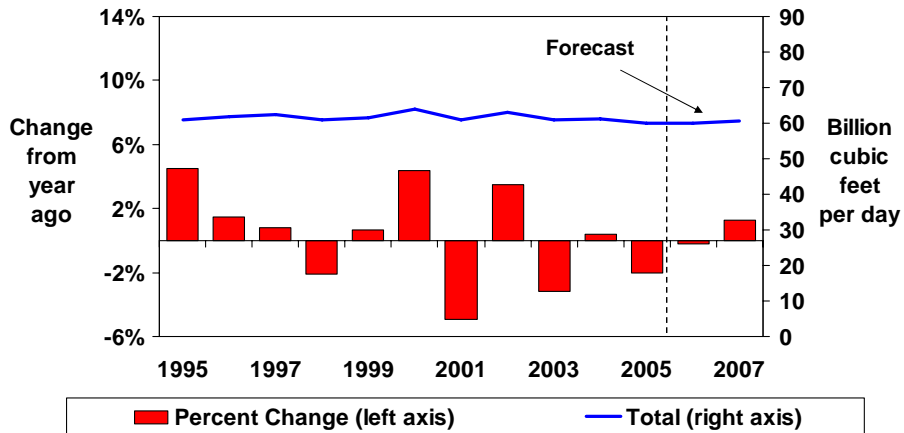


NOTE: Colored bands represent "normal" range published in EIA Weekly Petroleum Status Report, Appendix A.

Short-Term Energy Outlook, November 2006



### Total U.S. Natural Gas Consumption Growth

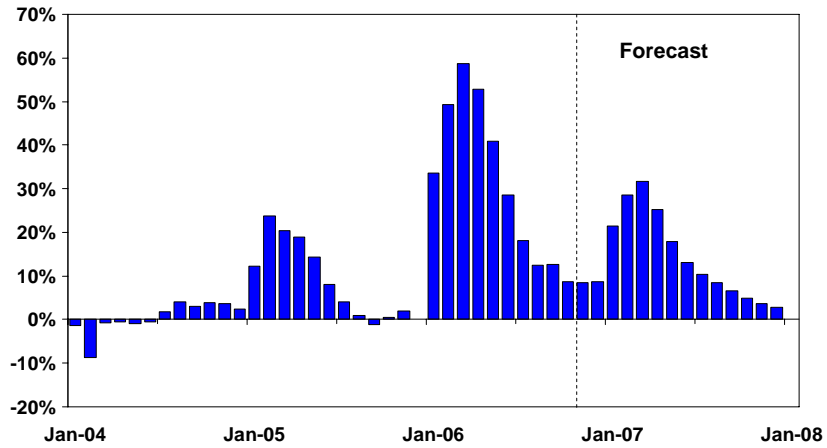


Short-Term Energy Outlook, November 2006





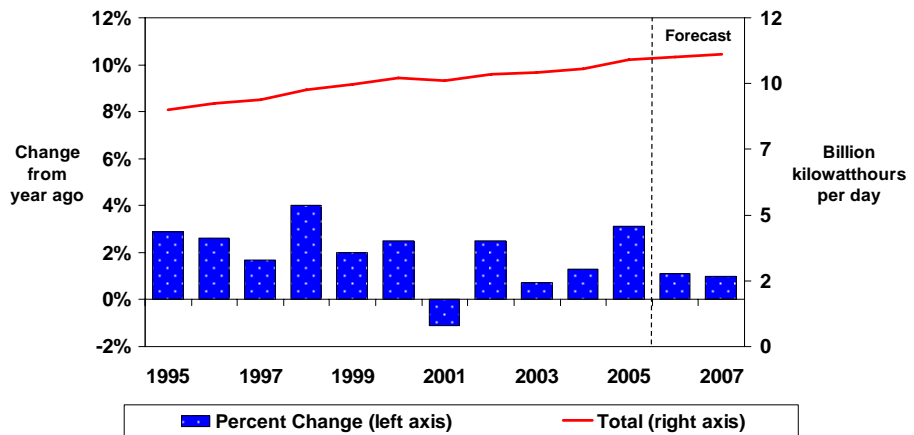
### U.S. Working Natural Gas in Storage (Percent Differences from Previous 5-Year Average)



Short-Term Energy Outlook, November 2006

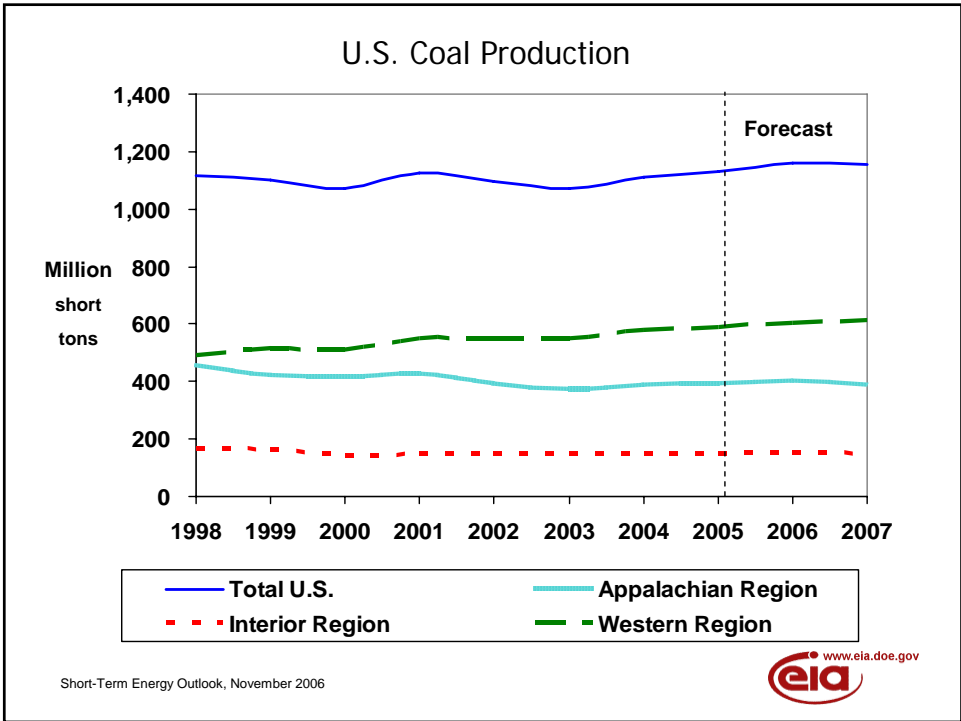
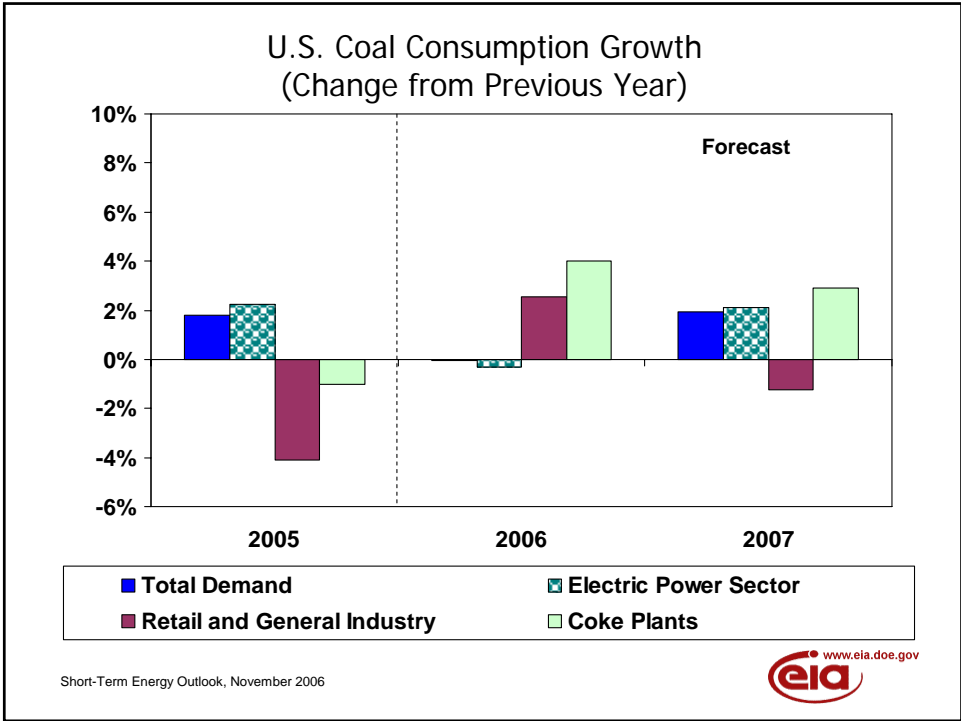


### Total U.S. Electricity Consumption Growth

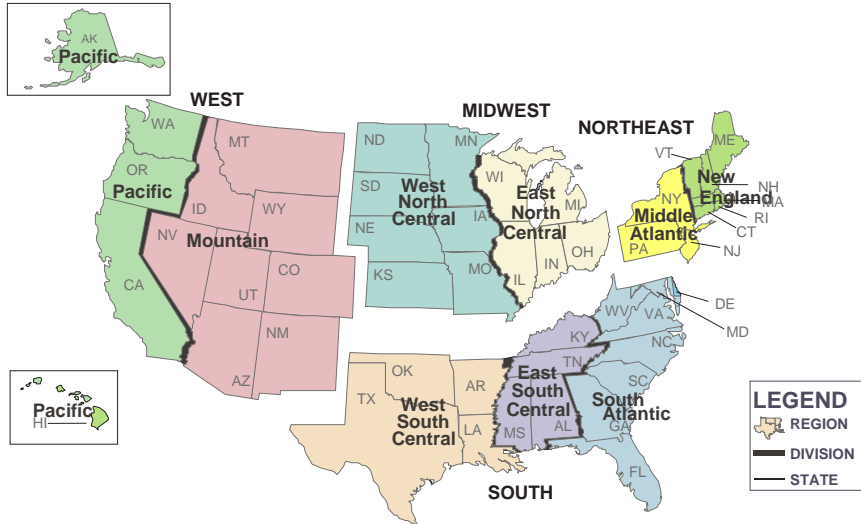


Short-Term Energy Outlook, November 2006





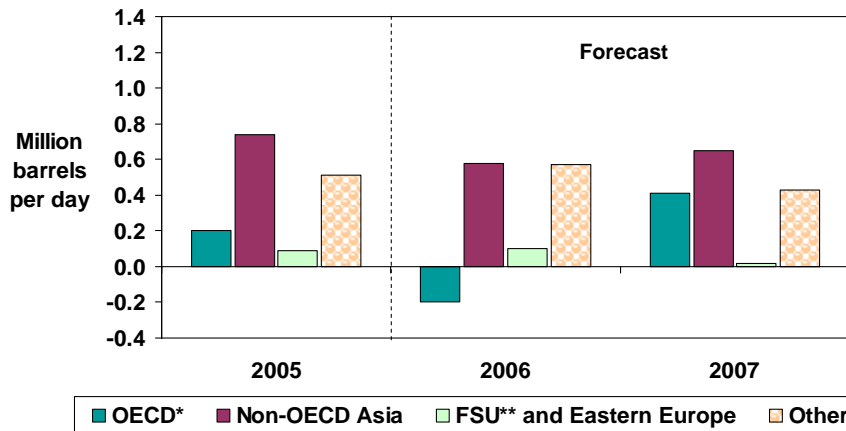
## U.S. Census Regions and Census Divisions



Short-Term Energy Outlook, November 2006



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



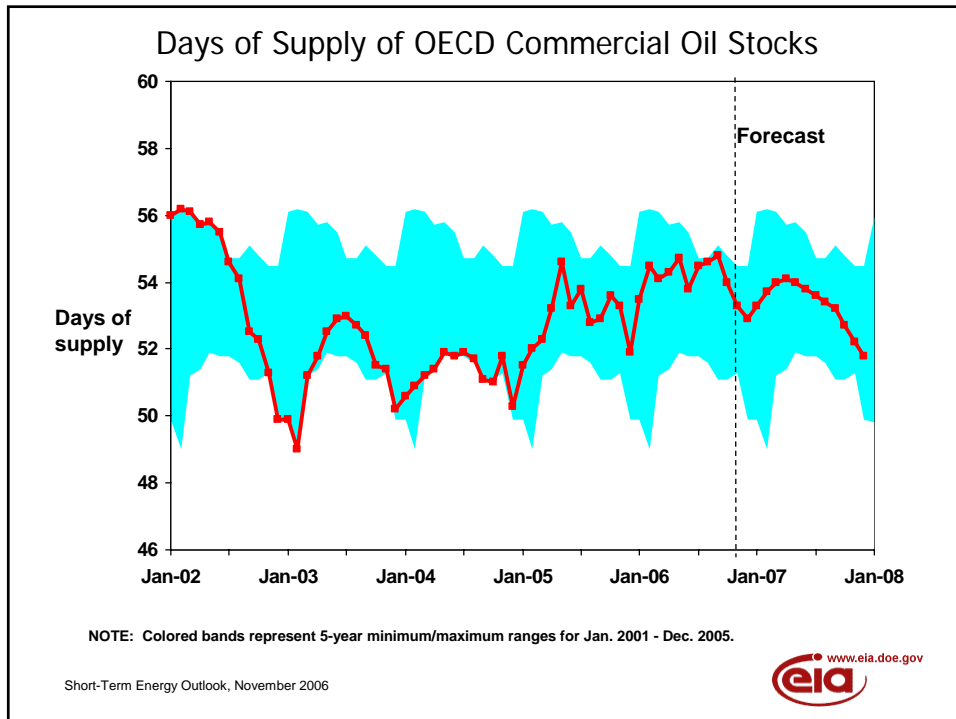
\* Countries belonging to Organization for Economic Cooperation and Development

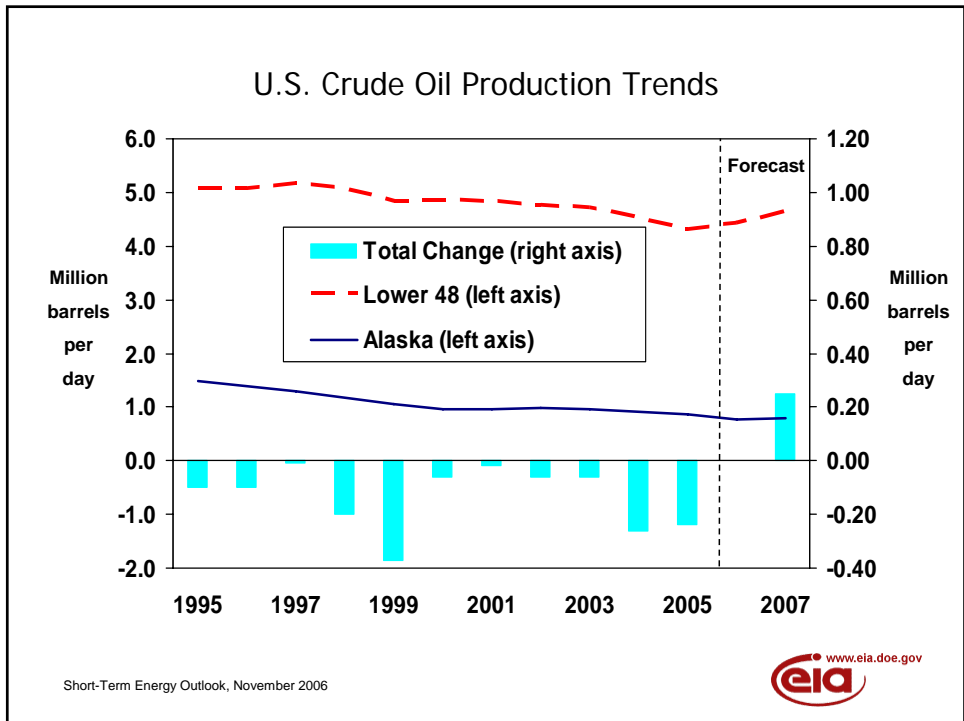
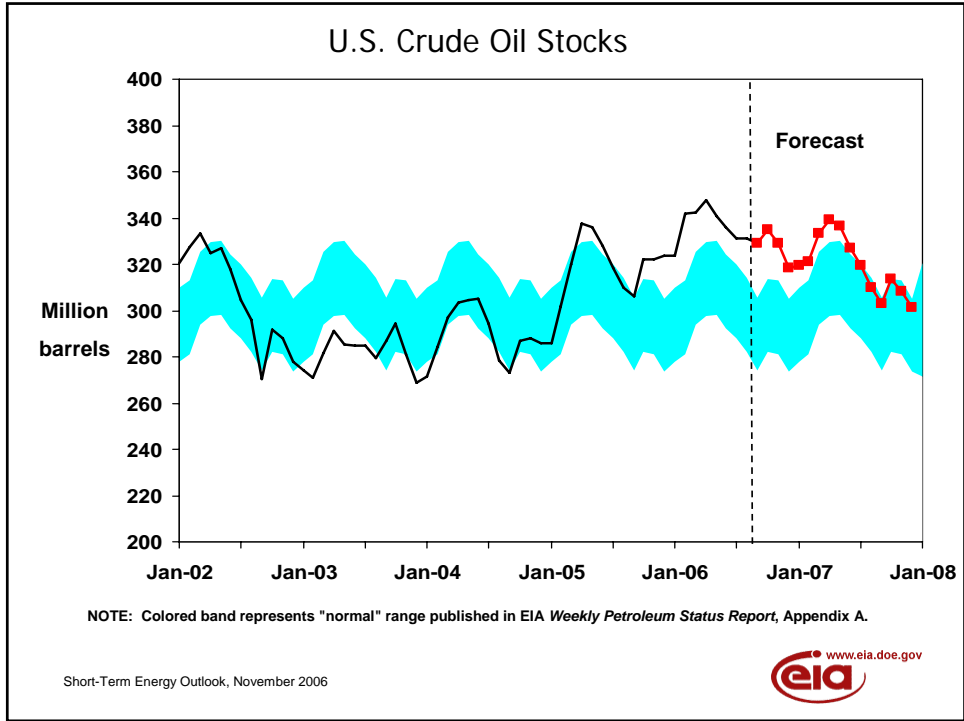
\*\* Former Soviet Union

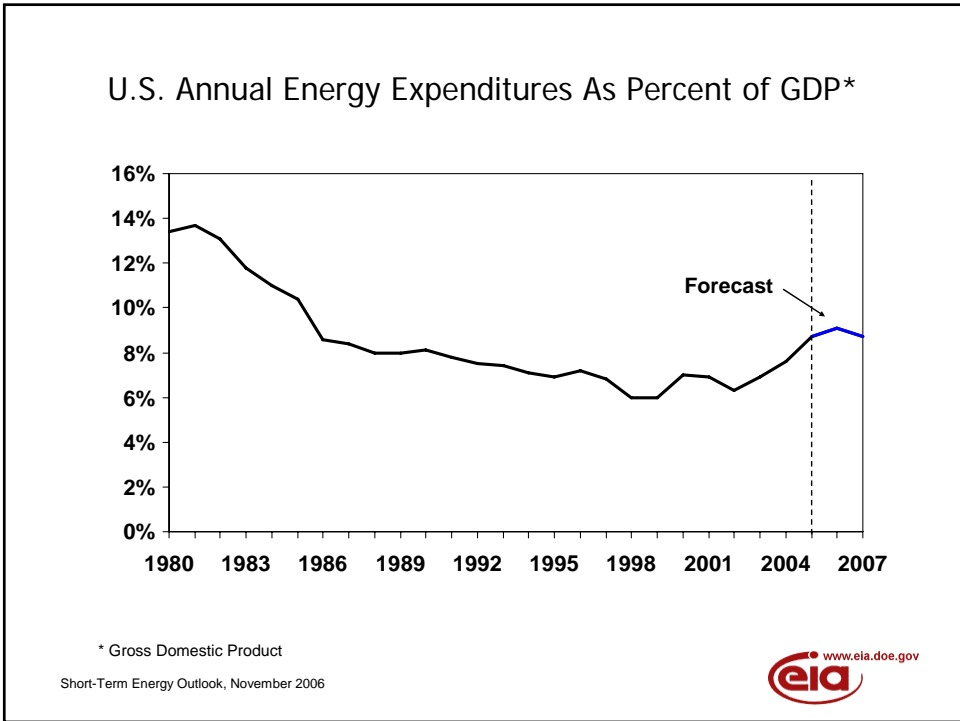
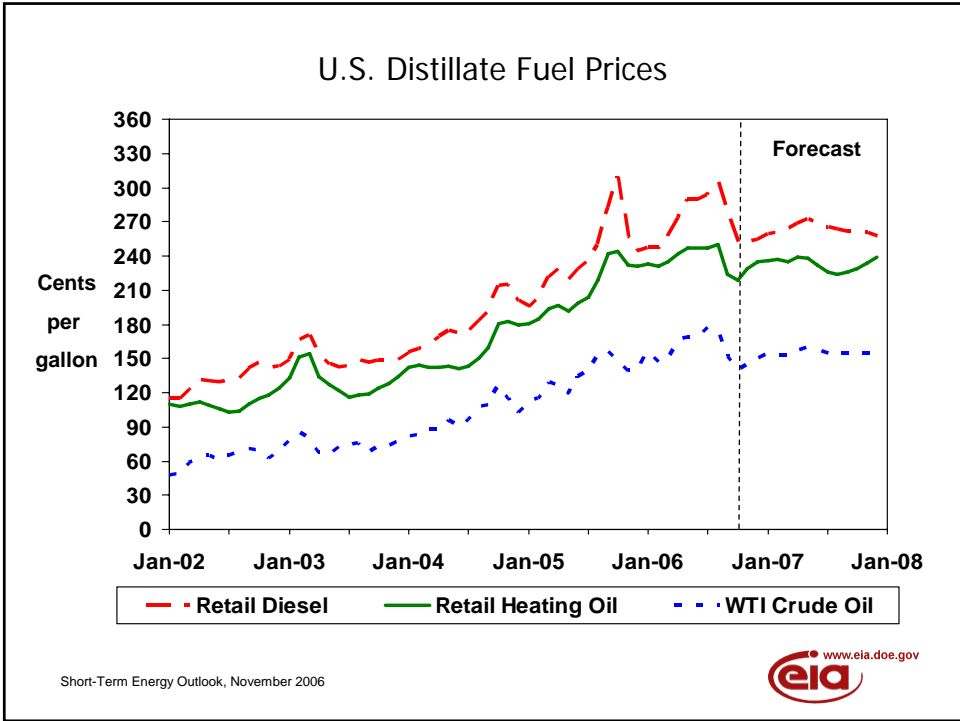
Short-Term Energy Outlook, November 2006



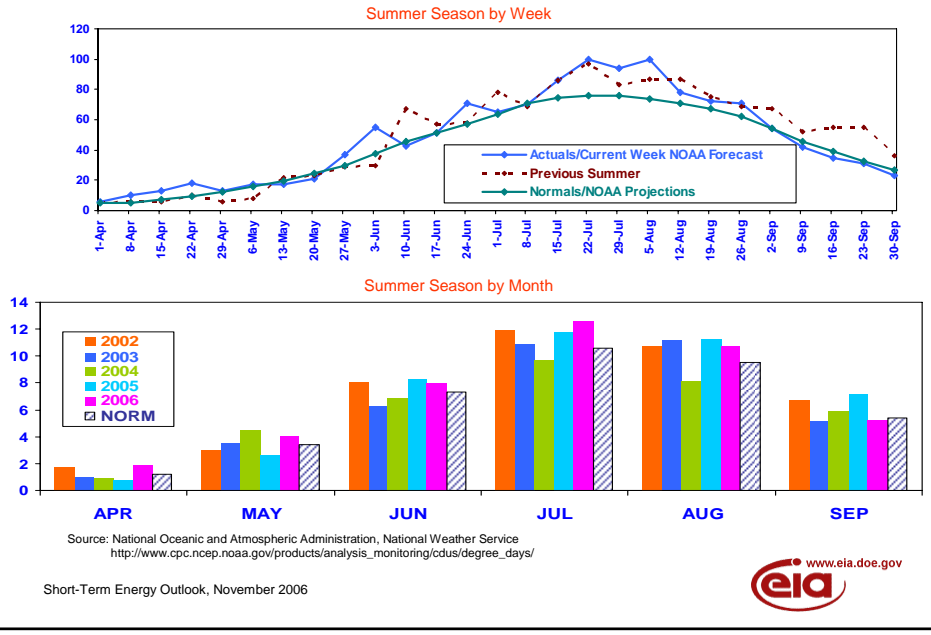
## Additional Charts



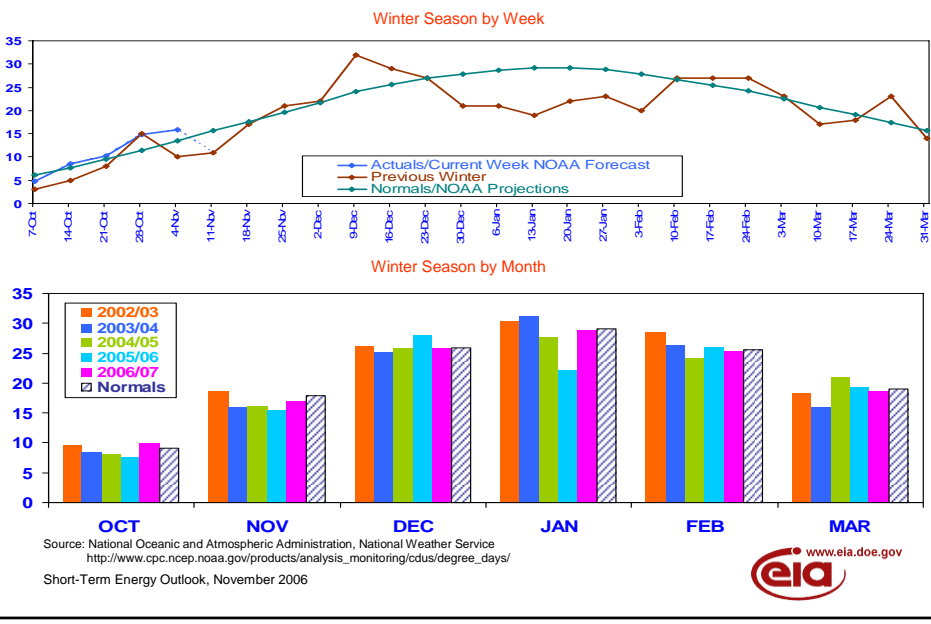




## Weather - U.S. Cooling Degree-Days (Daily average population-weighted)



## Population-Weighted Heating Degree Days – Daily Average Basis





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

	Year				Annual Percentage Change		
	2004	2005	2006	2007	2004-2005	2005-2006	2006-2007
<b>Real Gross Domestic Product (GDP)</b> (billion chained 2000 dollars) .....	<b>10704</b>	<b>11049</b>	<i>11413</i>	<i>11683</i>	<b>3.2</b>	3.3	2.4
Imported Crude Oil Price <sup>a</sup> (nominal dollars per barrel).....	<b>35.99</b>	<b>48.94</b>	<i>58.97</i>	<i>57.66</i>	<b>36.0</b>	20.5	-2.2
Crude Oil Production <sup>b</sup> (million barrels per day).....	<b>5.42</b>	<b>5.18</b>	<i>5.18</i>	<i>5.43</i>	<b>-4.4</b>	0.1	4.8
Total Petroleum Net Imports (million barrels per day) (including SPR).....	<b>12.10</b>	<b>12.55</b>	<i>12.30</i>	<i>12.15</i>	<b>3.7</b>	-2.0	-1.2
<b>Energy Demand</b>							
World Petroleum (million barrels per day) .....	<b>82.5</b>	<b>84.0</b>	<i>85.0</i>	<i>86.5</i>	<b>1.9</b>	1.2	1.8
Petroleum (million barrels per day) .....	<b>20.73</b>	<b>20.80</b>	<i>20.68</i>	<i>20.99</i>	<b>0.3</b>	-0.6	1.5
Natural Gas (trillion cubic feet) .....	<b>22.43</b>	<b>21.93</b>	<i>21.88</i>	<i>22.17</i>	<b>-2.3</b>	-0.2	1.3
Coal <sup>c</sup> (million short tons) .....	<b>1107</b>	<b>1128</b>	<i>1123</i>	<i>1152</i>	<b>1.9</b>	-0.5	2.6
Electricity (billion kilowatthours)							
Retail Sales <sup>d</sup> .....	<b>3548</b>	<b>3660</b>	<i>3689</i>	<i>3714</i>	<b>3.1</b>	0.8	0.7
Other Use/Sales <sup>e</sup> .....	<b>168</b>	<b>161</b>	<i>172</i>	<i>184</i>	<b>-4.7</b>	6.9	7.5
Total .....	<b>3717</b>	<b>3820</b>	<i>3861</i>	<i>3898</i>	<b>2.8</b>	1.1	1.0
Total Energy Demand <sup>f</sup> (quadrillion Btu).....	<b>99.7</b>	<b>99.2</b>	<i>99.4</i>	<i>101.1</i>	<b>-0.6</b>	0.2	1.7
Total Energy Demand per Dollar of GDP (thousand Btu per 2000 Dollar).....	<b>9.32</b>	<b>8.98</b>	<i>8.71</i>	<i>8.65</i>	<b>-3.7</b>	-3.0	-0.7
Renewable Energy as Percent of Total <sup>g</sup> ...	<b>6.3%</b>	<b>6.2%</b>	<i>6.7%</i>	<i>6.5%</i>			

<sup>a</sup> Refers to the refiner acquisition cost (RAC) of imported crude oil.

<sup>b</sup> Includes lease condensate.

<sup>c</sup> Total Demand includes estimated Independent Power Producer (IPP) coal consumption.

<sup>d</sup> 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.

<sup>e</sup> 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.

<sup>f</sup> 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)*.

<sup>g</sup> 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, October 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
<b>Macroeconomic<sup>a</sup></b>															
Real Gross Domestic Product (billion chained 2000 dollars - SAAR) .....	<b>10914</b>	<b>11002</b>	<b>11115</b>	<b>11164</b>	<b>11316</b>	<b>11388</b>	<i>11436</i>	<i>11511</i>	<i>11573</i>	<i>11641</i>	<i>11720</i>	<i>11798</i>	<b>11049</b>	<i>11413</i>	<i>11683</i>
Percentage Change from Prior Year.....	<b>3.3</b>	<b>3.1</b>	<b>3.4</b>	<b>3.1</b>	<b>3.7</b>	<b>3.5</b>	<i>2.9</i>	<i>3.1</i>	<i>2.3</i>	<i>2.2</i>	<i>2.5</i>	<i>2.5</i>	<b>3.2</b>	<i>3.3</i>	<i>2.4</i>
Annualized Percent Change from Prior Quarter .....	<b>3.4</b>	<b>3.3</b>	<b>4.2</b>	<b>1.8</b>	<b>5.6</b>	<b>2.6</b>	<i>1.7</i>	<i>2.6</i>	<i>2.2</i>	<i>2.3</i>	<i>2.8</i>	<i>2.7</i>			
GDP Implicit Price Deflator (Index, 2000=100) .....	<b>111.6</b>	<b>112.2</b>	<b>113.1</b>	<b>114.0</b>	<b>115.0</b>	<b>115.9</b>	<i>116.4</i>	<i>116.9</i>	<i>117.9</i>	<i>118.2</i>	<i>118.7</i>	<i>119.3</i>	<b>112.7</b>	<i>116.1</i>	<i>118.5</i>
Percentage Change from Prior Year.....	<b>3.1</b>	<b>2.8</b>	<b>3.1</b>	<b>3.1</b>	<b>3.1</b>	<b>3.3</b>	<i>2.9</i>	<i>2.5</i>	<i>2.5</i>	<i>2.0</i>	<i>1.9</i>	<i>2.0</i>	<b>3.0</b>	<i>2.9</i>	<i>2.1</i>
Real Disposable Personal Income (billion chained 2000 Dollars - SAAR) .....	<b>8077</b>	<b>8086</b>	<b>8074</b>	<b>8183</b>	<b>8277</b>	<b>8312</b>	<i>8399</i>	<i>8495</i>	<i>8551</i>	<i>8624</i>	<i>8706</i>	<i>8773</i>	<b>8105</b>	<i>8371</i>	<i>8663</i>
Percentage Change from Prior Year.....	<b>2.1</b>	<b>1.6</b>	<b>0.8</b>	<b>0.3</b>	<b>2.5</b>	<b>2.8</b>	<i>4.0</i>	<i>3.8</i>	<i>3.3</i>	<i>3.8</i>	<i>3.6</i>	<i>3.3</i>	<b>1.2</b>	<i>3.3</i>	<i>3.5</i>
Manufacturing Production (Index, 2002=100.0) .....	<b>108.7</b>	<b>109.0</b>	<b>109.7</b>	<b>112.2</b>	<b>113.8</b>	<b>115.3</b>	<i>116.4</i>	<i>116.9</i>	<i>117.3</i>	<i>117.8</i>	<i>118.8</i>	<i>119.8</i>	<b>109.9</b>	<i>115.6</i>	<i>118.4</i>
Percentage Change from Prior Year.....	<b>4.8</b>	<b>3.4</b>	<b>3.1</b>	<b>4.3</b>	<b>4.7</b>	<b>5.7</b>	<i>6.1</i>	<i>4.2</i>	<i>3.0</i>	<i>2.2</i>	<i>2.0</i>	<i>2.5</i>	<b>3.9</b>	<i>5.2</i>	<i>2.4</i>
OECD Economic Growth (percent) <sup>b</sup> .....													<b>2.4</b>	<i>2.7</i>	<i>1.9</i>
<b>Weather<sup>c</sup></b>															
Heating Degree-Days															
U.S. ....	<b>2183</b>	<b>516</b>	<b>48</b>	<b>1568</b>	<b>2018</b>	<b>415</b>	<i>93</i>	<i>1645</i>	<i>2189</i>	<i>533</i>	<i>97</i>	<i>1632</i>	<b>4315</b>	<i>4171</i>	<i>4451</i>
New England.....	<b>3363</b>	<b>939</b>	<b>67</b>	<b>2181</b>	<b>2948</b>	<b>840</b>	<i>205</i>	<i>2268</i>	<i>3207</i>	<i>928</i>	<i>183</i>	<i>2266</i>	<b>6550</b>	<i>6262</i>	<i>6584</i>
Middle Atlantic.....	<b>3056</b>	<b>728</b>	<b>33</b>	<b>1987</b>	<b>2621</b>	<b>591</b>	<i>90</i>	<i>2052</i>	<i>2941</i>	<i>748</i>	<i>123</i>	<i>2062</i>	<b>5804</b>	<i>5354</i>	<i>5874</i>
U.S. Gas-Weighted.....	<b>2353</b>	<b>561</b>	<b>52</b>	<b>1694</b>	<b>2171</b>	<b>460</b>	<i>106</i>	<i>1769</i>	<i>2324</i>	<i>585</i>	<i>112</i>	<i>1748</i>	<b>4660</b>	<i>4506</i>	<i>4768</i>
Cooling Degree-Days (U.S.)...	<b>29</b>	<b>356</b>	<b>932</b>	<b>79</b>	<b>36</b>	<b>423</b>	<i>866</i>	<i>83</i>	<i>35</i>	<i>346</i>	<i>780</i>	<i>78</i>	<b>1395</b>	<i>1408</i>	<i>1239</i>

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

<sup>b</sup> 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.

<sup>c</sup> 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, October 2006.

**Table 1a. U.S. Regional<sup>a</sup> Macroeconomic Data: Base Case**

	2005				2006				2007				Year		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2005	2006	2007
<b>Real Gross State Product (Billion \$2000)</b>															
New England .....	616.8	621.0	626.5	628.1	635.4	639.0	641.4	645.0	647.1	649.9	653.5	657.2	623.1	640.2	651.9
Mid Atlantic .....	1667.3	1677.6	1691.4	1695.9	1713.7	1721.2	1725.5	1733.5	1740.4	1747.4	1756.9	1766.1	1683.1	1723.5	1752.7
E. N. Central .....	1639.0	1643.3	1651.1	1650.8	1667.6	1676.6	1681.8	1690.3	1698.2	1705.6	1715.5	1725.4	1646.1	1679.1	1711.2
W. N. Central .....	701.6	705.0	709.9	710.8	720.0	724.1	726.0	730.4	733.7	737.4	741.5	746.0	706.8	725.1	739.7
S. Atlantic .....	2012.2	2037.3	2066.7	2082.5	2115.9	2132.0	2142.9	2157.4	2170.7	2185.4	2201.9	2218.7	2049.7	2137.1	2194.2
E. S. Central .....	525.8	528.3	531.8	532.7	539.1	542.4	544.3	548.1	549.8	552.6	556.8	560.3	529.6	543.5	554.9
W. S. Central .....	1148.2	1157.9	1166.0	1161.4	1180.8	1188.1	1195.7	1207.2	1217.7	1228.2	1239.2	1249.6	1158.4	1192.9	1233.7
Mountain .....	699.7	710.3	722.5	729.5	743.7	749.8	754.2	760.0	764.3	769.4	775.2	780.9	715.5	751.9	772.5
Pacific .....	1894.1	1913.7	1937.3	1948.4	1976.3	1990.9	2000.5	2014.5	2027.1	2040.0	2054.8	2069.3	1923.4	1995.5	2047.8
<b>Industrial Output, Manufacturing (Index, Year 1997=100)</b>															
New England .....	105.6	105.4	105.7	107.5	108.7	110.4	111.4	111.6	111.8	112.1	112.9	113.7	106.0	110.6	112.6
Mid Atlantic .....	104.9	104.7	105.2	106.6	107.7	108.5	109.5	109.9	110.1	110.4	111.2	112.1	105.4	108.9	111.0
E. N. Central .....	108.2	108.4	108.9	111.8	112.9	114.0	115.2	115.8	116.3	116.6	117.6	118.7	109.3	114.5	117.3
W. N. Central .....	113.4	114.2	114.9	118.1	119.9	121.9	123.1	123.9	124.5	125.2	126.3	127.6	115.2	122.2	125.9
S. Atlantic .....	107.7	107.9	108.7	110.7	112.5	113.8	114.8	115.1	115.3	115.6	116.4	117.3	108.8	114.1	116.2
E. S. Central .....	111.5	112.0	112.3	114.9	117.2	118.3	119.4	119.9	120.1	120.5	121.4	122.4	112.7	118.7	121.1
W. S. Central .....	109.7	110.5	111.6	113.7	115.3	117.1	118.3	119.0	119.3	119.9	121.0	122.2	111.4	117.4	120.6
Mountain .....	113.9	114.7	116.1	119.3	121.7	123.6	124.9	125.3	125.5	126.1	127.2	128.4	116.0	123.9	126.8
Pacific .....	109.0	109.2	109.9	113.1	115.0	116.9	118.2	118.9	119.2	120.1	121.2	122.4	110.3	117.3	120.7
<b>Real Personal Income (Billion \$2000)</b>															
New England .....	538.6	538.6	540.4	541.4	551.9	554.2	558.2	563.7	566.3	570.3	573.9	576.7	539.8	557.0	571.8
Mid Atlantic .....	1428.6	1424.9	1431.1	1436.7	1464.5	1473.9	1485.6	1501.9	1508.7	1520.7	1531.2	1539.9	1430.3	1481.5	1525.1
E. N. Central .....	1387.1	1389.6	1388.2	1386.8	1407.8	1419.5	1431.6	1447.6	1455.6	1466.1	1475.6	1484.4	1387.9	1426.6	1470.4
W. N. Central .....	598.4	596.5	596.1	600.7	610.1	613.2	618.4	625.6	629.5	634.5	638.7	642.4	597.9	616.8	636.3
S. Atlantic .....	1687.2	1695.5	1704.4	1711.5	1742.4	1754.8	1772.7	1796.4	1810.4	1829.0	1845.0	1859.6	1699.6	1766.5	1836.0
E. S. Central .....	457.2	459.7	456.8	465.0	473.4	475.8	479.3	485.1	488.1	491.9	494.4	496.9	459.7	478.4	492.8
W. S. Central .....	935.1	939.9	886.9	957.5	975.4	981.7	991.4	1004.2	1011.6	1021.2	1030.5	1038.5	929.9	988.2	1025.5
Mountain .....	577.9	583.2	588.5	589.8	601.9	608.4	615.3	623.6	628.1	634.6	640.5	645.6	584.9	612.3	637.2
Pacific .....	1555.5	1563.7	1574.0	1582.9	1607.4	1616.9	1634.1	1656.6	1665.7	1680.7	1692.9	1704.4	1569.0	1628.8	1685.9
<b>Households (Millions)</b>															
New England .....	5.6	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
Mid Atlantic .....	15.4	15.5	15.5	15.5	15.5	15.5	15.5	15.6	15.6	15.6	15.6	15.6	15.5	15.6	15.6
E. N. Central .....	17.9	18.0	18.0	18.0	18.1	18.1	18.2	18.2	18.2	18.2	18.3	18.3	18.0	18.2	18.3
W. N. Central .....	7.9	7.9	7.9	7.9	7.9	7.9	7.9	8.0	8.0	8.0	8.0	8.0	7.9	8.0	8.0
S. Atlantic .....	21.9	22.0	22.1	22.2	22.3	22.4	22.5	22.6	22.7	22.8	22.9	23.0	22.2	22.6	23.0
E. S. Central .....	7.0	7.0	7.1	7.1	7.1	7.1	7.1	7.2	7.2	7.2	7.2	7.2	7.1	7.2	7.2
W. S. Central .....	12.4	12.4	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 .....	7.5	7.5	7.6	7.6	7.7	7.7	7.7	7.8	7.8	7.9	7.9	7.9	7.6	7.8	7.9
Pacific .....	16.9	17.0	16.9	17.0	17.0	17.1	17.1	17.2	17.3	17.3	17.4	17.4	17.0	17.2	17.4
<b>Total Non-farm Employment (Millions)</b>															
New England .....	6.9	6.9	6.9	6.9	6.9	6.9	7.0	7.0	7.0	7.0	7.0	7.0	6.9	6.9	7.0
Mid Atlantic .....	18.2	18.3	18.3	18.4	18.4	18.4	18.4	18.5	18.5	18.5	18.5	18.6	18.3	18.4	18.5
E. N. Central .....	21.4	21.5	21.5	21.6	21.5	21.6	21.6	21.7	21.7	21.7	21.8	21.8	21.5	21.6	21.7
W. N. Central .....	9.9	9.9	9.9	10.0	10.0	10.1	10.1	10.1	10.1	10.1	10.2	10.2	9.9	10.1	10.2
S. Atlantic .....	25.4	25.6	25.7	25.9	26.1	26.2	26.3	26.4	26.4	26.5	26.6	26.7	25.7	26.2	26.6
E. S. Central .....	7.6	7.6	7.7	7.7	7.7	7.7	7.8	7.8	7.8	7.8	7.8	7.8	7.6	7.7	7.8
W. S. Central .....	14.2	14.3	14.3	14.3	14.4	14.4	14.5	14.6	14.7	14.7	14.8	14.9	14.3	14.5	14.8
Mountain .....	9.1	9.2	9.3	9.4	9.4	9.5	9.6	9.6	9.7	9.7	9.7	9.8	9.2	9.5	9.7
Pacific .....	20.0	20.1	20.2	20.3	20.4	20.4	20.5	20.5	20.6	20.6	20.7	20.7	20.1	20.5	20.7

<sup>a</sup> 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](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
<b>Macroeconomic<sup>a</sup></b>															
Real Fixed Investment (billion chained 2000 dollars-SAAR).....	<b>1791</b>	<b>1836</b>	<b>1864</b>	<b>1877</b>	<b>1915</b>	<b>1907</b>	<i>1899</i>	<i>1897</i>	<i>1884</i>	<i>1886</i>	<i>1885</i>	<i>1894</i>	<b>1842</b>	<i>1904</i>	<i>1887</i>
Business Inventory Change (billion chained 2000 dollars-SAAR).....	<b>15.3</b>	<b>-13.1</b>	<b>-12.2</b>	<b>0.5</b>	<b>7.6</b>	<b>11.0</b>	<i>11.3</i>	<i>8.4</i>	<i>7.5</i>	<i>0.9</i>	<i>0.4</i>	<i>2.2</i>	<b>-2.4</b>	<i>9.6</i>	<i>2.7</i>
Producer Price Index (index, 1982=1.000).....	<b>1.519</b>	<b>1.540</b>	<b>1.588</b>	<b>1.649</b>	<b>1.626</b>	<b>1.646</b>	<i>1.658</i>	<i>1.639</i>	<i>1.676</i>	<i>1.666</i>	<i>1.674</i>	<i>1.685</i>	<b>1.574</b>	<i>1.642</i>	<i>1.675</i>
Consumer Price Index (index, 1982-1984=1.000).....	<b>1.922</b>	<b>1.940</b>	<b>1.966</b>	<b>1.982</b>	<b>1.993</b>	<b>2.017</b>	<i>2.030</i>	<i>2.025</i>	<i>2.047</i>	<i>2.052</i>	<i>2.061</i>	<i>2.073</i>	<b>1.953</b>	<i>2.016</i>	<i>2.058</i>
Petroleum Product Price Index (index, 1982=1.000).....	<b>1.360</b>	<b>1.545</b>	<b>1.833</b>	<b>1.862</b>	<b>1.771</b>	<b>2.086</b>	<i>1.939</i>	<i>1.656</i>	<i>1.767</i>	<i>1.895</i>	<i>1.829</i>	<i>1.756</i>	<b>1.650</b>	<i>1.863</i>	<i>1.812</i>
Non-Farm Employment (millions).....	<b>132.7</b>	<b>133.2</b>	<b>133.7</b>	<b>134.2</b>	<b>134.7</b>	<b>135.1</b>	<i>135.5</i>	<i>135.9</i>	<i>136.2</i>	<i>136.5</i>	<i>136.9</i>	<i>137.3</i>	<b>133.5</b>	<i>135.3</i>	<i>136.7</i>
Commercial Employment (millions).....	<b>87.2</b>	<b>87.6</b>	<b>88.1</b>	<b>88.4</b>	<b>88.8</b>	<b>89.1</b>	<i>89.4</i>	<i>89.7</i>	<i>90.0</i>	<i>90.5</i>	<i>90.9</i>	<i>91.3</i>	<b>87.8</b>	<i>89.2</i>	<i>90.7</i>
Total Industrial Production (index, 2002=100.0).....	<b>107.2</b>	<b>107.6</b>	<b>108.0</b>	<b>109.4</b>	<b>110.8</b>	<b>112.6</b>	<i>113.8</i>	<i>114.0</i>	<i>114.3</i>	<i>114.8</i>	<i>115.7</i>	<i>116.4</i>	<b>108.1</b>	<i>112.8</i>	<i>115.3</i>
Housing Stock (millions).....	<b>119.6</b>	<b>120.0</b>	<b>120.1</b>	<b>120.5</b>	<b>120.9</b>	<b>121.3</b>	<i>121.6</i>	<i>121.9</i>	<i>122.2</i>	<i>122.5</i>	<i>122.8</i>	<i>123.1</i>	<b>120.5</b>	<i>121.9</i>	<i>123.1</i>
<b>Miscellaneous</b>															
Gas Weighted Industrial Production (index, 2002=100.0).....	<b>103.8</b>	<b>102.0</b>	<b>98.5</b>	<b>98.0</b>	<b>102.1</b>	<b>103.1</b>	<i>103.9</i>	<i>104.6</i>	<i>105.1</i>	<i>105.7</i>	<i>107.2</i>	<i>108.2</i>	<b>100.6</b>	<i>103.4</i>	<i>106.6</i>
Vehicle Miles Traveled <sup>b</sup> (million miles/day).....	<b>7682</b>	<b>8470</b>	<b>8354</b>	<b>7985</b>	<b>7791</b>	<b>8438</b>	<i>8332</i>	<i>8153</i>	<i>7818</i>	<i>8545</i>	<i>8551</i>	<i>8200</i>	<b>8124</b>	<i>8180</i>	<i>8280</i>
Vehicle Fuel Efficiency (index, 1999=1.000).....	<b>1.013</b>	<b>1.072</b>	<b>1.049</b>	<b>1.023</b>	<b>1.026</b>	<b>1.064</b>	<i>1.031</i>	<i>1.023</i>	<i>1.012</i>	<i>1.061</i>	<i>1.049</i>	<i>1.021</i>	<b>1.039</b>	<i>1.036</i>	<i>1.036</i>
Real Vehicle Fuel Cost (cents per mile).....	<b>5.02</b>	<b>5.27</b>	<b>6.19</b>	<b>5.90</b>	<b>5.75</b>	<b>6.63</b>	<i>6.74</i>	<i>5.45</i>	<i>5.77</i>	<i>6.02</i>	<i>5.88</i>	<i>5.63</i>	<b>5.61</b>	<i>6.16</i>	<i>5.83</i>
Air Travel Capacity (mill. available ton-miles/day).....	<b>535.8</b>	<b>560.0</b>	<b>559.4</b>	<b>539.3</b>	<b>528.2</b>	<b>548.4</b>	<i>553.4</i>	<i>538.4</i>	<i>542.4</i>	<i>557.0</i>	<i>558.4</i>	<i>545.0</i>	<b>548.7</b>	<i>542.2</i>	<i>550.7</i>
Aircraft Utilization (mill. revenue ton-miles/day).....	<b>309.0</b>	<b>334.7</b>	<b>338.3</b>	<b>319.5</b>	<b>313.2</b>	<b>341.1</b>	<i>341.4</i>	<i>312.0</i>	<i>316.8</i>	<i>340.8</i>	<i>346.1</i>	<i>324.4</i>	<b>325.5</b>	<i>326.9</i>	<i>332.1</i>
Airline Ticket Price Index (index, 1982-1984=1.000).....	<b>2.218</b>	<b>2.402</b>	<b>2.449</b>	<b>2.396</b>	<b>2.393</b>	<b>2.527</b>	<i>2.585</i>	<i>2.465</i>	<i>2.472</i>	<i>2.500</i>	<i>2.502</i>	<i>2.444</i>	<b>2.366</b>	<i>2.492</i>	<i>2.480</i>
Raw Steel Production (million tons).....	<b>26.57</b>	<b>25.67</b>	<b>25.45</b>	<b>26.17</b>	<b>26.74</b>	<b>27.03</b>	<i>27.14</i>	<i>25.02</i>	<i>25.52</i>	<i>25.99</i>	<i>26.26</i>	<i>25.83</i>	<b>103.86</b>	<i>105.93</i>	<i>103.60</i>

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

<sup>b</sup> 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, October 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
<b>Demand<sup>a</sup></b>															
OECD															
U.S. (50 States) .....	<b>20.8</b>	<b>20.6</b>	<b>20.9</b>	<b>20.8</b>	<b>20.4</b>	<b>20.5</b>	<i>20.8</i>	<i>21.0</i>	<i>20.9</i>	<i>20.8</i>	<i>21.1</i>	<i>21.2</i>	<b>20.8</b>	<i>20.7</i>	<i>21.0</i>
U.S. Territories.....	<b>0.4</b>	<b>0.4</b>	<b>0.3</b>	<b>0.4</b>	<b>0.3</b>	<b>0.4</b>	<i>0.4</i>	<i>0.4</i>	<i>0.4</i>	<i>0.4</i>	<i>0.4</i>	<i>0.4</i>	<b>0.4</b>	<i>0.4</i>	<i>0.4</i>
Canada .....	<b>2.4</b>	<b>2.2</b>	<b>2.2</b>	<b>2.2</b>	<b>2.2</b>	<b>2.1</b>	<i>2.3</i>	<i>2.3</i>	<i>2.2</i>	<i>2.1</i>	<i>2.3</i>	<i>2.3</i>	<b>2.3</b>	<i>2.2</i>	<i>2.2</i>
Europe .....	<b>15.6</b>	<b>15.1</b>	<b>15.6</b>	<b>15.6</b>	<b>15.7</b>	<b>15.0</b>	<i>15.5</i>	<i>15.7</i>	<i>15.5</i>	<i>15.3</i>	<i>15.5</i>	<i>15.7</i>	<b>15.5</b>	<i>15.5</i>	<i>15.5</i>
Japan .....	<b>6.0</b>	<b>4.9</b>	<b>5.0</b>	<b>5.5</b>	<b>6.0</b>	<b>4.8</b>	<i>5.0</i>	<i>5.5</i>	<i>5.9</i>	<i>4.8</i>	<i>5.0</i>	<i>5.5</i>	<b>5.4</b>	<i>5.3</i>	<i>5.3</i>
Other OECD.....	<b>5.5</b>	<b>5.2</b>	<b>5.1</b>	<b>5.4</b>	<b>5.4</b>	<b>5.1</b>	<i>5.3</i>	<i>5.4</i>	<i>5.4</i>	<i>5.2</i>	<i>5.3</i>	<i>5.5</i>	<b>5.3</b>	<i>5.3</i>	<i>5.3</i>
Total OECD.....	<b>50.6</b>	<b>48.6</b>	<b>49.2</b>	<b>49.9</b>	<b>50.0</b>	<b>47.9</b>	<i>49.3</i>	<i>50.3</i>	<i>50.3</i>	<i>48.6</i>	<i>49.6</i>	<i>50.6</i>	<b>49.6</b>	<i>49.4</i>	<i>49.8</i>
Non-OECD															
Former Soviet Union.....	<b>4.3</b>	<b>3.8</b>	<b>4.0</b>	<b>4.6</b>	<b>4.4</b>	<b>3.9</b>	<i>4.1</i>	<i>4.7</i>	<i>4.4</i>	<i>3.9</i>	<i>4.2</i>	<i>4.7</i>	<b>4.2</b>	<i>4.3</i>	<i>4.3</i>
Europe .....	<b>0.7</b>	<b>0.7</b>	<b>0.6</b>	<b>0.7</b>	<b>0.7</b>	<b>0.7</b>	<i>0.6</i>	<i>0.7</i>	<i>0.7</i>	<i>0.7</i>	<i>0.6</i>	<i>0.7</i>	<b>0.7</b>	<i>0.7</i>	<i>0.7</i>
China.....	<b>6.6</b>	<b>6.9</b>	<b>6.9</b>	<b>7.1</b>	<b>7.2</b>	<b>7.3</b>	<i>7.4</i>	<i>7.6</i>	<i>7.6</i>	<i>7.8</i>	<i>7.9</i>	<i>8.1</i>	<b>6.9</b>	<i>7.4</i>	<i>7.9</i>
Other Asia.....	<b>8.3</b>	<b>8.7</b>	<b>8.4</b>	<b>9.1</b>	<b>8.4</b>	<b>8.8</b>	<i>8.6</i>	<i>9.2</i>	<i>8.6</i>	<i>9.0</i>	<i>8.7</i>	<i>9.3</i>	<b>8.6</b>	<i>8.7</i>	<i>8.9</i>
Other Non-OECD.....	<b>13.8</b>	<b>13.9</b>	<b>14.1</b>	<b>14.1</b>	<b>14.4</b>	<b>14.5</b>	<i>14.7</i>	<i>14.7</i>	<i>14.8</i>	<i>14.9</i>	<i>15.1</i>	<i>15.2</i>	<b>14.0</b>	<i>14.6</i>	<i>15.0</i>
Total Non-OECD.....	<b>33.8</b>	<b>34.0</b>	<b>34.2</b>	<b>35.6</b>	<b>35.1</b>	<b>35.2</b>	<i>35.4</i>	<i>36.9</i>	<i>36.2</i>	<i>36.3</i>	<i>36.5</i>	<i>38.0</i>	<b>34.4</b>	<i>35.7</i>	<i>36.8</i>
Total World Demand.....	<b>84.5</b>	<b>82.6</b>	<b>83.4</b>	<b>85.5</b>	<b>85.1</b>	<b>83.1</b>	<i>84.7</i>	<i>87.1</i>	<i>86.5</i>	<i>84.9</i>	<i>86.2</i>	<i>88.6</i>	<b>84.0</b>	<i>85.0</i>	<i>86.5</i>
<b>Supply<sup>b</sup></b>															
OECD															
U.S. (50 States) .....	<b>8.8</b>	<b>8.8</b>	<b>7.9</b>	<b>7.7</b>	<b>8.2</b>	<b>8.4</b>	<i>8.4</i>	<i>8.6</i>	<i>8.7</i>	<i>8.7</i>	<i>8.6</i>	<i>8.8</i>	<b>8.3</b>	<i>8.4</i>	<i>8.7</i>
Canada .....	<b>3.0</b>	<b>3.1</b>	<b>3.0</b>	<b>3.3</b>	<b>3.2</b>	<b>3.1</b>	<i>3.3</i>	<i>3.3</i>	<i>3.5</i>	<i>3.4</i>	<i>3.4</i>	<i>3.5</i>	<b>3.1</b>	<i>3.2</i>	<i>3.5</i>
Mexico.....	<b>3.8</b>	<b>3.9</b>	<b>3.7</b>	<b>3.7</b>	<b>3.8</b>	<b>3.7</b>	<i>3.8</i>	<i>3.7</i>	<i>3.6</i>	<i>3.6</i>	<i>3.6</i>	<i>3.5</i>	<b>3.8</b>	<i>3.7</i>	<i>3.6</i>
North Sea <sup>c</sup> .....	<b>5.5</b>	<b>5.2</b>	<b>5.0</b>	<b>5.0</b>	<b>5.1</b>	<b>4.8</b>	<i>4.6</i>	<i>4.8</i>	<i>4.9</i>	<i>4.7</i>	<i>4.5</i>	<i>4.7</i>	<b>5.2</b>	<i>4.8</i>	<i>4.7</i>
Other OECD.....	<b>1.5</b>	<b>1.6</b>	<b>1.5</b>	<b>1.5</b>	<b>1.4</b>	<b>1.6</b>	<i>1.6</i>	<i>1.6</i>	<i>1.6</i>	<i>1.6</i>	<i>1.6</i>	<i>1.6</i>	<b>1.5</b>	<i>1.6</i>	<i>1.6</i>
Total OECD.....	<b>22.5</b>	<b>22.6</b>	<b>21.2</b>	<b>21.3</b>	<b>21.7</b>	<b>21.7</b>	<i>21.7</i>	<i>22.0</i>	<i>22.3</i>	<i>22.0</i>	<i>21.8</i>	<i>22.2</i>	<b>21.9</b>	<i>21.8</i>	<i>22.1</i>
Non-OECD															
OPEC.....	<b>33.8</b>	<b>34.2</b>	<b>34.5</b>	<b>34.2</b>	<b>33.9</b>	<b>33.6</b>	<i>34.2</i>	<i>33.8</i>	<i>33.8</i>	<i>34.0</i>	<i>34.5</i>	<i>34.8</i>	<b>34.2</b>	<i>33.9</i>	<i>34.3</i>
Crude Oil Portion .....	<b>29.6</b>	<b>30.0</b>	<b>30.3</b>	<b>30.0</b>	<b>29.7</b>	<b>29.3</b>	<i>29.7</i>	<i>29.2</i>	<i>29.1</i>	<i>29.3</i>	<i>29.7</i>	<i>30.0</i>	<b>30.0</b>	<i>29.5</i>	<i>29.6</i>
Former Soviet Union.....	<b>11.5</b>	<b>11.6</b>	<b>11.7</b>	<b>12.0</b>	<b>11.8</b>	<b>12.0</b>	<i>12.2</i>	<i>12.3</i>	<i>12.4</i>	<i>12.4</i>	<i>12.5</i>	<i>12.7</i>	<b>11.7</b>	<i>12.1</i>	<i>12.5</i>
China.....	<b>3.7</b>	<b>3.8</b>	<b>3.8</b>	<b>3.7</b>	<b>3.8</b>	<b>3.8</b>	<i>3.8</i>	<i>3.8</i>	<i>3.8</i>	<i>3.8</i>	<i>3.8</i>	<i>3.8</i>	<b>3.8</b>	<i>3.8</i>	<i>3.8</i>
Other Non-OECD.....	<b>12.5</b>	<b>12.7</b>	<b>13.1</b>	<b>13.3</b>	<b>13.1</b>	<b>13.1</b>	<i>13.3</i>	<i>13.4</i>	<i>13.6</i>	<i>13.7</i>	<i>13.9</i>	<i>14.0</i>	<b>12.9</b>	<i>13.2</i>	<i>13.8</i>
Total Non-OECD.....	<b>61.6</b>	<b>62.2</b>	<b>63.1</b>	<b>63.3</b>	<b>62.6</b>	<b>62.5</b>	<i>63.5</i>	<i>63.3</i>	<i>63.6</i>	<i>63.8</i>	<i>64.8</i>	<i>65.3</i>	<b>62.6</b>	<i>63.0</i>	<i>64.4</i>
Total World Supply.....	<b>84.1</b>	<b>84.8</b>	<b>84.3</b>	<b>84.6</b>	<b>84.3</b>	<b>84.2</b>	<i>85.2</i>	<i>85.3</i>	<i>85.9</i>	<i>85.8</i>	<i>86.6</i>	<i>87.5</i>	<b>84.4</b>	<i>84.8</i>	<i>86.4</i>
Stock Changes <sup>d</sup> (Incl. Strategic) and Balance															
U.S. (50 States) Stk. Chg.....	<b>-0.2</b>	<b>-0.9</b>	<b>0.4</b>	<b>0.1</b>	<b>0.1</b>	<b>-0.4</b>	<i>-0.5</i>	<i>0.6</i>	<i>0.2</i>	<i>-0.5</i>	<i>0.1</i>	<i>0.3</i>	<b>-0.1</b>	<i>-0.1</i>	<i>0.0</i>
Other OECD Stock Chg.....	<b>0.1</b>	<b>-0.4</b>	<b>-0.6</b>	<b>0.6</b>	<b>-0.3</b>	<b>-0.2</b>	<i>-0.6</i>	<i>0.4</i>	<i>0.1</i>	<i>0.0</i>	<i>-0.3</i>	<i>0.3</i>	<b>-0.1</b>	<i>-0.2</i>	<i>0.0</i>
Other Stk. Chgs. and Bal. ....	<b>0.5</b>	<b>-1.0</b>	<b>-0.7</b>	<b>0.3</b>	<b>1.1</b>	<b>-0.4</b>	<i>0.6</i>	<i>0.8</i>	<i>0.3</i>	<i>-0.4</i>	<i>-0.2</i>	<i>0.5</i>	<b>-0.2</b>	<i>0.5</i>	<i>0.1</i>
Total.....	<b>0.4</b>	<b>-2.2</b>	<b>-0.9</b>	<b>0.9</b>	<b>0.8</b>	<b>-1.1</b>	<i>-0.5</i>	<i>1.8</i>	<i>0.6</i>	<i>-0.9</i>	<i>-0.4</i>	<i>1.1</i>	<b>-0.5</b>	<i>0.3</i>	<i>0.1</i>
OECD Comm. Stks., End.....	<b>2.54</b>	<b>2.62</b>	<b>2.64</b>	<b>2.59</b>	<b>2.59</b>	<b>2.65</b>	<i>2.75</i>	<i>2.66</i>	<i>2.62</i>	<i>2.67</i>	<i>2.69</i>	<i>2.63</i>	<b>2.59</b>	<i>2.66</i>	<i>2.63</i>
Non-OPEC Supply.....	<b>50.3</b>	<b>50.6</b>	<b>49.8</b>	<b>50.4</b>	<b>50.4</b>	<b>50.6</b>	<i>51.0</i>	<i>51.5</i>	<i>52.1</i>	<i>51.8</i>	<i>52.1</i>	<i>52.7</i>	<b>50.3</b>	<i>50.9</i>	<i>52.1</i>

<sup>a</sup> 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.

<sup>b</sup> 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.

<sup>c</sup> Includes offshore supply from Denmark, Germany, the Netherlands, Norway, and the United Kingdom.

<sup>d</sup> 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	September 2006	October 2006		
	OPEC 10 Quota	Production	Production	Capacity	Surplus Capacity
Algeria .....	894	1,400	1,430	1,430	0
Indonesia .....	1,451	890	890	890	0
Iran .....	4,110	3,750	3,750	3,750	0
Kuwait .....	2,247	2,600	2,600	2,600	0
Libya .....	1,500	1,700	1,700	1,700	0
Nigeria.....	2,306	2,200	2,300	2,300	0
Qatar .....	726	850	850	850	0
Saudi Arabia .....	9,099	9,200	9,200	10,500 - 11,000	1,300 - 1,800
United Arab Emirates.....	2,444	2,600	2,600	2,600	0
Venezuela .....	3,223	2,450	2,450	2,450	0
OPEC 10.....	28,000	27,640	27,770	29,070 - 29,570	1,300 - 1,800
Iraq.....		2,000	1,900	1,900	0
Crude Oil Total.....		29,640	29,670	30,970 - 31,470	1,300 - 1,800
Other Liquids.....		4,484	4,479		
Total OPEC Supply.....		34,124	34,149		

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
<b>Crude Oil Prices</b>															
(\$/barrel)															
Imported Average <sup>a</sup> .....	<b>41.06</b>	<b>45.88</b>	<b>56.69</b>	<b>52.01</b>	<b>54.72</b>	<b>63.62</b>	<i>63.68</i>	<i>53.15</i>	<i>56.18</i>	<i>59.18</i>	<i>58.00</i>	<i>57.17</i>	<b>48.94</b>	<i>58.97</i>	<i>57.66</i>
WTI <sup>b</sup> Spot Average.....	<b>49.73</b>	<b>53.05</b>	<b>63.19</b>	<b>60.00</b>	<b>63.27</b>	<b>70.41</b>	<i>70.42</i>	<i>60.96</i>	<i>64.33</i>	<i>66.33</i>	<i>65.00</i>	<i>65.00</i>	<b>56.49</b>	<i>66.26</i>	<i>65.17</i>
<b>Natural Gas (\$/mcf)</b>															
Average Wellhead.....	<b>5.70</b>	<b>6.20</b>	<b>7.89</b>	<b>10.17</b>	<b>7.49</b>	<b>6.19</b>	<i>5.82</i>	<i>6.51</i>	<i>7.65</i>	<i>6.24</i>	<i>6.55</i>	<i>7.91</i>	<b>7.45</b>	<i>6.50</i>	<i>7.08</i>
Henry Hub Spot.....	<b>6.62</b>	<b>7.14</b>	<b>9.23</b>	<b>12.64</b>	<b>7.94</b>	<b>6.74</b>	<i>6.28</i>	<i>7.28</i>	<i>8.43</i>	<i>6.84</i>	<i>7.07</i>	<i>8.81</i>	<b>8.86</b>	<i>7.06</i>	<i>7.79</i>
<b>Petroleum Products (\$/gallon)</b>															
Gasoline Retail <sup>c</sup>															
All Grades .....	<b>1.98</b>	<b>2.23</b>	<b>2.59</b>	<b>2.43</b>	<b>2.39</b>	<b>2.89</b>	<i>2.88</i>	<i>2.30</i>	<i>2.43</i>	<i>2.66</i>	<i>2.58</i>	<i>2.42</i>	<b>2.31</b>	<i>2.62</i>	<i>2.53</i>
Regular .....	<b>1.94</b>	<b>2.19</b>	<b>2.56</b>	<b>2.39</b>	<b>2.34</b>	<b>2.84</b>	<i>2.83</i>	<i>2.25</i>	<i>2.38</i>	<i>2.62</i>	<i>2.54</i>	<i>2.38</i>	<b>2.27</b>	<i>2.57</i>	<i>2.48</i>
Distillate Fuel															
Retail Diesel.....	<b>2.07</b>	<b>2.26</b>	<b>2.57</b>	<b>2.71</b>	<b>2.50</b>	<b>2.84</b>	<i>2.92</i>	<i>2.53</i>	<i>2.61</i>	<i>2.70</i>	<i>2.63</i>	<i>2.59</i>	<b>2.41</b>	<i>2.70</i>	<i>2.63</i>
Wisle. Htg. Oil .....	<b>1.39</b>	<b>1.53</b>	<b>1.80</b>	<b>1.82</b>	<b>1.75</b>	<b>1.99</b>	<i>1.95</i>	<i>1.78</i>	<i>1.83</i>	<i>1.89</i>	<i>1.84</i>	<i>1.86</i>	<b>1.63</b>	<i>1.85</i>	<i>1.85</i>
Retail Heating Oil .....	<b>1.85</b>	<b>1.96</b>	<b>2.25</b>	<b>2.34</b>	<b>2.33</b>	<b>2.45</b>	<i>2.38</i>	<i>2.30</i>	<i>2.36</i>	<i>2.38</i>	<i>2.25</i>	<i>2.35</i>	<b>2.04</b>	<i>2.34</i>	<i>2.35</i>
No. 6 Residual Fuel <sup>d</sup> ...	<b>0.82</b>	<b>1.01</b>	<b>1.14</b>	<b>1.23</b>	<b>1.25</b>	<b>1.29</b>	<i>1.28</i>	<i>1.14</i>	<i>1.21</i>	<i>1.22</i>	<i>1.19</i>	<i>1.21</i>	<b>1.06</b>	<i>1.24</i>	<i>1.20</i>
<b>Electric Power Sector (\$/mmBtu)</b>															
Coal .....	<b>1.48</b>	<b>1.54</b>	<b>1.55</b>	<b>1.57</b>	<b>1.68</b>	<b>1.70</b>	<i>1.68</i>	<i>1.66</i>	<i>1.67</i>	<i>1.69</i>	<i>1.66</i>	<i>1.64</i>	<b>1.54</b>	<i>1.68</i>	<i>1.66</i>
Heavy Fuel Oil <sup>e</sup> .....	<b>5.38</b>	<b>6.56</b>	<b>7.59</b>	<b>8.33</b>	<b>8.02</b>	<b>7.64</b>	<i>8.21</i>	<i>7.35</i>	<i>7.79</i>	<i>7.98</i>	<i>7.94</i>	<i>8.02</i>	<b>7.11</b>	<i>7.81</i>	<i>7.93</i>
Natural Gas.....	<b>6.42</b>	<b>6.85</b>	<b>8.58</b>	<b>10.78</b>	<b>7.94</b>	<b>6.71</b>	<i>6.42</i>	<i>6.91</i>	<i>8.25</i>	<i>6.82</i>	<i>6.98</i>	<i>8.44</i>	<b>8.21</b>	<i>6.85</i>	<i>7.50</i>
<b>Other Residential</b>															
Natural Gas (\$/mcf).....	<b>10.98</b>	<b>12.62</b>	<b>15.74</b>	<b>15.30</b>	<b>14.04</b>	<b>13.93</b>	<i>14.92</i>	<i>12.32</i>	<i>12.80</i>	<i>12.52</i>	<i>14.46</i>	<i>13.36</i>	<b>12.81</b>	<i>13.56</i>	<i>13.04</i>
Electricity (c/Kwh).....	<b>8.69</b>	<b>9.54</b>	<b>9.86</b>	<b>9.55</b>	<b>9.73</b>	<b>10.61</b>	<i>10.93</i>	<i>10.42</i>	<i>10.03</i>	<i>10.94</i>	<i>11.22</i>	<i>10.66</i>	<b>9.43</b>	<i>10.45</i>	<i>10.72</i>

<sup>a</sup> Refiner acquisition cost (RAC) of imported crude oil.

<sup>b</sup> West Texas Intermediate.

<sup>c</sup> Average self-service cash prices.

<sup>d</sup> Average for all sulfur contents.

<sup>e</sup> 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
<b>Supply</b>															
Crude Oil Supply															
Domestic Production <sup>a</sup> .....	5.51	5.53	4.89	4.78	5.04	5.13	5.17	5.39	5.46	5.40	5.37	5.50	5.18	5.18	5.43
Alaska .....	0.92	0.87	0.81	0.86	0.80	0.79	0.65	0.79	0.85	0.77	0.72	0.81	0.86	0.76	0.79
Federal GOM <sup>b</sup> .....	1.51	1.56	1.10	0.85	1.24	1.32	1.48	1.48	1.53	1.56	1.57	1.57	1.26	1.38	1.56
Other Lower 48.....	3.08	3.10	2.99	3.07	3.00	3.02	3.04	3.12	3.09	3.07	3.08	3.12	3.06	3.05	3.09
Net Commercial Imports <sup>c</sup> .....	10.12	10.43	9.96	9.87	9.79	10.22	10.44	9.78	9.62	10.28	10.05	9.85	10.09	10.06	9.95
Net SPR Withdrawals .....	-0.14	-0.09	0.03	0.10	-0.03	-0.02	0.00	-0.04	-0.05	0.00	0.00	0.00	-0.02	-0.02	-0.01
Net Commercial Withdrawals .....	-0.38	-0.09	0.23	-0.19	-0.21	0.07	0.08	0.11	-0.17	0.07	0.26	0.02	-0.10	0.01	0.05
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.....	0.09	0.15	0.06	0.01	0.07	0.03	0.05	0.03	0.11	0.15	0.10	0.05	0.08	0.04	0.10
<b>Total Crude Oil Supply .....</b>	<b>15.21</b>	<b>15.93</b>	<b>15.18</b>	<b>14.57</b>	<b>14.66</b>	<b>15.43</b>	<b>15.73</b>	<b>15.27</b>	<b>14.99</b>	<b>15.89</b>	<b>15.78</b>	<b>15.42</b>	<b>15.22</b>	<b>15.28</b>	<b>15.52</b>
Other Supply															
NGL Production.....	1.85	1.83	1.66	1.54	1.68	1.75	1.74	1.77	1.76	1.76	1.76	1.77	1.72	1.74	1.76
Other Inputs <sup>d</sup> .....	0.43	0.45	0.44	0.43	0.46	0.49	0.51	0.45	0.46	0.47	0.48	0.46	0.44	0.48	0.47
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	1.04	0.96	0.98	0.99	0.99	1.01	1.01	1.01	1.03	1.03	1.07	0.99	1.00	1.03
Net Product Imports <sup>e</sup> .....	2.03	2.09	2.57	3.11	2.29	2.32	2.40	1.96	2.28	2.17	2.19	2.14	2.45	2.24	2.20
Product Stock Withdrawn .....	0.34	-0.69	0.12	0.16	0.29	-0.46	-0.57	0.55	0.42	-0.55	-0.15	0.33	-0.02	-0.05	0.01
<b>Total Supply .....</b>	<b>20.84</b>	<b>20.65</b>	<b>20.92</b>	<b>20.79</b>	<b>20.38</b>	<b>20.51</b>	<b>20.82</b>	<b>21.02</b>	<b>20.92</b>	<b>20.77</b>	<b>21.09</b>	<b>21.19</b>	<b>20.80</b>	<b>20.68</b>	<b>20.99</b>
<b>Demand</b>															
Motor Gasoline.....	8.89	9.26	9.33	9.15	8.90	9.30	9.47	9.34	9.05	9.44	9.55	9.41	9.16	9.25	9.36
Jet Fuel .....	1.67	1.66	1.71	1.68	1.55	1.66	1.64	1.70	1.62	1.65	1.70	1.68	1.68	1.64	1.66
Distillate Fuel Oil .....	4.26	4.06	4.00	4.16	4.32	4.05	4.09	4.34	4.48	4.18	4.15	4.32	4.12	4.20	4.28
Residual Fuel Oil.....	0.90	0.79	0.99	1.00	0.82	0.63	0.68	0.72	0.79	0.69	0.68	0.77	0.92	0.71	0.73
Other Oils <sup>f</sup> .....	5.13	4.88	4.89	4.81	4.79	4.87	4.92	4.94	4.97	4.80	5.00	5.02	4.93	4.88	4.95
<b>Total Demand.....</b>	<b>20.84</b>	<b>20.65</b>	<b>20.92</b>	<b>20.79</b>	<b>20.38</b>	<b>20.51</b>	<b>20.80</b>	<b>21.03</b>	<b>20.91</b>	<b>20.76</b>	<b>21.09</b>	<b>21.19</b>	<b>20.80</b>	<b>20.68</b>	<b>20.99</b>
<b>Total Petroleum Net Imports .....</b>	<b>12.15</b>	<b>12.52</b>	<b>12.54</b>	<b>12.98</b>	<b>12.08</b>	<b>12.54</b>	<b>12.83</b>	<b>11.74</b>	<b>11.90</b>	<b>12.45</b>	<b>12.23</b>	<b>12.00</b>	<b>12.55</b>	<b>12.30</b>	<b>12.15</b>
<b>Closing Stocks (million barrels)</b>															
Crude Oil (excluding SPR) .....	320	328	306	324	342	336	329	318	333	327	303	301	324	318	301
Total Motor Gasoline.....	214	218	196	208	210	214	215	209	213	219	208	213	208	209	213
Finished Motor Gasoline.....	136	141	127	136	124	120	119	119	116	124	115	123	136	119	123
Blending Components .....	77	77	69	73	85	95	97	90	98	95	93	91	73	90	91
Jet Fuel .....	38	41	38	42	42	39	43	42	40	41	42	42	42	42	42
Distillate Fuel Oil .....	105	120	128	136	120	130	151	146	118	126	136	141	136	146	141
Residual Fuel Oil.....	40	38	34	37	42	43	43	40	40	40	37	41	37	43	41
Other Oils <sup>g</sup> .....	256	299	309	266	250	279	306	267	258	294	310	267	266	267	267
Total Stocks (excluding SPR).....	973	1043	1011	1013	1006	1042	1087	1025	1003	1047	1037	1005	1013	1025	1005
Crude Oil in SPR.....	688	696	694	685	686	688	688	691	695	695	695	695	685	691	695
Heating Oil Reserve .....	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
<b>Total Stocks (incl SPR and HOR).....</b>	<b>1663</b>	<b>1741</b>	<b>1706</b>	<b>1700</b>	<b>1694</b>	<b>1732</b>	<b>1777</b>	<b>1719</b>	<b>1700</b>	<b>1744</b>	<b>1734</b>	<b>1703</b>	<b>1700</b>	<b>1719</b>	<b>1703</b>

<sup>a</sup> Includes lease condensate.

<sup>b</sup> Crude oil production from U.S. Federal leases in the Gulf of Mexico.

<sup>c</sup> Net imports equals gross imports minus exports.

<sup>d</sup> Other hydrocarbon and alcohol inputs.

<sup>e</sup> Includes finished petroleum products, unfinished oils, gasoline blending components, and natural gas plant liquids for processing.

<sup>f</sup> 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.

<sup>g</sup> 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<sup>a</sup> Motor Gasoline Inventories and Prices: Base Case**

Sector	2005				2006				2007				Year		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2005	2006	2007
<b>Total End-of-period Gasoline Inventories (million barrels)</b>															
PADD 1 .....	58.1	61.8	53.4	51.6	52.9	57.2	59.2	55.9	56.3	62.0	56.3	58.1	51.6	55.9	58.1
PADD 2 .....	52.5	51.0	51.1	54.8	54.8	50.9	53.7	51.3	51.5	53.6	51.2	53.3	54.8	51.3	53.3
PADD 3 .....	66.5	66.8	56.5	64.5	64.3	68.1	66.4	66.1	68.5	67.3	65.6	66.0	64.5	66.1	66.0
PADD 4 .....	6.4	6.2	5.6	5.9	6.1	5.7	6.0	6.1	6.5	5.7	5.8	6.2	5.9	6.1	6.2
PADD 5 .....	30.1	31.8	29.5	31.6	31.5	32.5	29.8	29.4	30.6	30.3	29.3	29.8	31.6	29.4	29.8
U.S. Total .....	213.7	217.6	196.1	208.3	209.5	214.5	215.2	208.8	213.5	218.9	208.1	213.4	208.3	208.8	213.4
<b>Total End-of-period Finished Gasoline Inventories (million barrels)</b>															
PADD 1 .....	41.2	44.9	38.7	38.9	34.6	29.4	30.3	31.8	27.9	34.3	29.6	32.9	38.9	31.8	32.9
PADD 2 .....	37.5	36.4	37.4	40.2	37.4	35.3	36.2	36.1	34.8	36.9	35.3	38.3	40.2	36.1	38.3
PADD 3 .....	43.1	45.1	37.5	44.0	38.9	40.4	38.8	39.2	40.2	40.0	38.2	40.0	44.0	39.2	40.0
PADD 4 .....	4.7	4.5	4.3	4.3	4.4	4.2	4.3	4.2	4.7	4.2	4.4	4.3	4.3	4.2	4.3
PADD 5 .....	9.9	10.0	9.4	8.3	9.1	10.4	9.1	7.6	8.4	8.7	7.9	7.3	8.3	7.6	7.3
U.S. Total .....	136.4	140.9	127.3	135.8	124.5	119.7	118.6	119.0	116.0	124.2	115.4	122.9	135.8	119.0	122.9
<b>Total End-of-period Gasoline Blending Components Inventories (million barrels)</b>															
PADD 1 .....	16.9	16.9	14.7	12.6	18.3	27.9	29.0	24.1	28.5	27.7	26.7	25.2	12.6	24.1	25.2
PADD 2 .....	15.0	14.7	13.7	14.6	17.4	15.6	17.6	15.1	16.8	16.7	15.9	15.0	14.6	15.1	15.0
PADD 3 .....	23.4	21.6	18.9	20.5	25.3	27.7	27.6	26.9	28.3	27.3	27.3	26.1	20.5	26.9	26.1
PADD 4 .....	1.7	1.7	1.3	1.6	1.7	1.5	1.7	2.0	1.8	1.5	1.4	1.9	1.6	2.0	1.9
PADD 5 .....	20.3	21.8	20.1	23.2	22.4	22.2	20.7	21.8	22.2	21.5	21.4	22.4	23.2	21.8	22.4
U.S. Total .....	77.3	76.7	68.8	72.5	85.1	94.8	96.6	89.9	97.5	94.8	92.7	90.6	72.5	89.9	90.6
<b>Regular Motor Gasoline Retail Prices Excluding Taxes (cents/gallon)</b>															
PADD 1 .....	146.0	169.0	210.0	191.5	187.2	235.9	234.4	174.5	188.8	211.4	203.7	187.9	179.1	208.0	198.0
PADD 2 .....	148.1	167.1	207.7	185.8	186.5	232.3	230.2	173.3	190.1	211.6	203.3	187.2	177.2	205.6	198.1
PADD 3 .....	142.9	166.2	204.6	191.6	186.7	235.2	229.6	171.6	185.5	207.1	198.7	184.1	176.3	205.8	193.9
PADD 4 .....	144.7	172.8	206.7	191.9	180.7	229.0	245.7	187.9	190.4	215.5	211.1	193.2	179.0	210.8	202.5
PADD 5 .....	158.5	191.0	219.4	200.7	193.7	254.9	250.0	194.1	205.2	229.8	220.6	204.0	192.4	223.2	214.9
U.S. Total .....	148.1	171.3	209.7	191.0	187.7	237.3	234.9	177.3	191.6	214.2	206.1	190.1	180.0	209.3	200.5
<b>Regular Motor Gasoline Retail Prices Including Taxes (cents/gallon)</b>															
PADD 1 .....	192.6	216.8	258.5	240.0	235.4	284.5	283.8	223.6	237.2	260.4	252.8	236.7	227.0	256.8	246.7
PADD 2 .....	192.6	212.3	251.1	230.7	231.6	277.4	275.8	218.7	234.8	257.0	249.1	233.1	221.7	250.9	243.5
PADD 3 .....	185.4	209.5	246.0	235.0	227.4	277.1	272.0	214.7	228.5	250.1	242.4	227.8	219.0	247.8	237.2
PADD 4 .....	190.8	220.5	253.8	239.6	225.7	273.5	291.1	233.8	235.5	261.8	257.6	240.1	226.2	256.0	248.7
PADD 5 .....	207.8	242.1	269.5	253.5	243.2	306.0	302.6	246.6	255.7	282.2	272.8	256.3	243.2	274.6	266.7
U.S. Total .....	194.0	218.6	256.0	238.6	234.0	284.4	282.9	225.0	238.4	261.7	253.8	237.9	226.8	256.6	247.9

<sup>a</sup>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<sup>a</sup> Distillate Inventories and prices: Base Case**

Sector	2005				2006				2007				Year		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2005	2006	2007
<b>Total End-of-period Distillate Inventories</b> (million barrels)															
PADD 1 .....	<b>34.2</b>	<b>45.3</b>	<b>60.2</b>	<b>58.6</b>	<b>44.7</b>	<b>55.4</b>	<i>68.7</i>	<i>65.8</i>	<i>45.4</i>	<i>51.3</i>	<i>61.2</i>	<i>60.7</i>	<b>58.6</b>	<i>65.8</i>	<i>60.7</i>
PADD 2 .....	<b>27.6</b>	<b>29.6</b>	<b>27.2</b>	<b>29.1</b>	<b>30.8</b>	<b>25.1</b>	<i>31.3</i>	<i>31.1</i>	<i>28.6</i>	<i>29.3</i>	<i>28.4</i>	<i>30.9</i>	<b>29.1</b>	<i>31.1</i>	<i>30.9</i>
PADD 3 .....	<b>29.5</b>	<b>31.0</b>	<b>26.8</b>	<b>31.8</b>	<b>29.6</b>	<b>33.2</b>	<i>34.6</i>	<i>33.9</i>	<i>29.4</i>	<i>30.1</i>	<i>32.2</i>	<i>33.0</i>	<b>31.8</b>	<i>33.9</i>	<i>33.0</i>
PADD 4 .....	<b>3.1</b>	<b>2.4</b>	<b>2.2</b>	<b>2.9</b>	<b>2.6</b>	<b>2.9</b>	<i>2.9</i>	<i>3.1</i>	<i>2.9</i>	<i>3.0</i>	<i>2.6</i>	<i>3.3</i>	<b>2.9</b>	<i>3.1</i>	<i>3.3</i>
PADD 5 .....	<b>11.0</b>	<b>11.5</b>	<b>11.3</b>	<b>13.6</b>	<b>12.4</b>	<b>13.2</b>	<i>13.6</i>	<i>12.4</i>	<i>11.6</i>	<i>11.9</i>	<i>11.4</i>	<i>12.7</i>	<b>13.6</b>	<i>12.4</i>	<i>12.7</i>
U.S. Total .....	<b>105.4</b>	<b>119.7</b>	<b>127.7</b>	<b>136.0</b>	<b>120.1</b>	<b>129.9</b>	<i>151.0</i>	<i>146.3</i>	<i>117.9</i>	<i>125.6</i>	<i>135.8</i>	<i>140.7</i>	<b>136.0</b>	<i>146.3</i>	<i>140.7</i>
<b>Residential Heating Oil Prices excluding Taxes</b> (cents/gallon)															
Northeast .....	<b>185.7</b>	<b>195.6</b>	<b>224.1</b>	<b>233.4</b>	<b>233.8</b>	<b>245.4</b>	<i>237.6</i>	<i>230.4</i>	<i>236.7</i>	<i>238.4</i>	<i>225.8</i>	<i>236.3</i>	<b>203.8</b>	<i>234.9</i>	<i>235.8</i>
South.....	<b>188.0</b>	<b>194.5</b>	<b>226.0</b>	<b>236.7</b>	<b>235.0</b>	<b>239.3</b>	<i>230.3</i>	<i>227.5</i>	<i>236.1</i>	<i>235.5</i>	<i>222.8</i>	<i>234.8</i>	<b>208.2</b>	<i>232.3</i>	<i>234.1</i>
Midwest.....	<b>174.7</b>	<b>185.4</b>	<b>221.5</b>	<b>235.4</b>	<b>219.8</b>	<b>241.0</b>	<i>245.7</i>	<i>224.5</i>	<i>227.0</i>	<i>228.2</i>	<i>219.6</i>	<i>226.6</i>	<b>199.8</b>	<i>227.2</i>	<i>226.0</i>
West.....	<b>192.9</b>	<b>213.9</b>	<b>239.8</b>	<b>244.7</b>	<b>238.6</b>	<b>265.0</b>	<i>255.7</i>	<i>237.3</i>	<i>243.2</i>	<i>255.8</i>	<i>244.0</i>	<i>245.3</i>	<b>218.9</b>	<i>243.8</i>	<i>246.0</i>
U.S. Total .....	<b>185.3</b>	<b>195.8</b>	<b>224.8</b>	<b>234.2</b>	<b>232.9</b>	<b>245.0</b>	<i>238.0</i>	<i>229.7</i>	<i>236.0</i>	<i>237.7</i>	<i>225.1</i>	<i>235.5</i>	<b>204.4</b>	<i>234.2</i>	<i>235.0</i>
<b>Residential Heating Oil Prices including State Taxes</b> (cents/gallon)															
Northeast .....	<b>194.8</b>	<b>205.1</b>	<b>235.2</b>	<b>244.8</b>	<b>245.4</b>	<b>257.4</b>	<i>249.4</i>	<i>241.6</i>	<i>248.4</i>	<i>250.0</i>	<i>237.0</i>	<i>247.9</i>	<b>213.8</b>	<i>246.4</i>	<i>247.4</i>
South.....	<b>196.1</b>	<b>202.6</b>	<b>235.7</b>	<b>246.6</b>	<b>245.2</b>	<b>249.2</b>	<i>240.2</i>	<i>237.0</i>	<i>246.3</i>	<i>245.2</i>	<i>232.3</i>	<i>244.7</i>	<b>217.0</b>	<i>242.2</i>	<i>244.0</i>
Midwest.....	<b>186.6</b>	<b>196.3</b>	<b>229.3</b>	<b>252.7</b>	<b>232.8</b>	<b>256.5</b>	<i>266.1</i>	<i>236.6</i>	<i>240.1</i>	<i>240.3</i>	<i>232.0</i>	<i>239.3</i>	<b>216.2</b>	<i>248.0</i>	<i>237.9</i>
West.....	<b>200.6</b>	<b>221.3</b>	<b>246.8</b>	<b>254.7</b>	<b>248.0</b>	<b>274.2</b>	<i>263.0</i>	<i>247.0</i>	<i>252.8</i>	<i>264.6</i>	<i>251.1</i>	<i>255.3</i>	<b>227.1</b>	<i>253.1</i>	<i>255.4</i>
U.S. Total .....	<b>194.4</b>	<b>204.9</b>	<b>235.7</b>	<b>245.6</b>	<b>244.6</b>	<b>256.8</b>	<i>249.5</i>	<i>240.8</i>	<i>247.6</i>	<i>249.2</i>	<i>236.2</i>	<i>246.9</i>	<b>214.3</b>	<i>245.7</i>	<i>246.5</i>

<sup>a</sup> 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<sup>a</sup> Propane Inventories and Prices: Base Case**

Sector	2005				2006				2007				Year		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2005	2006	2007
<b>Total End-of-period Inventories</b> (million barrels)															
PADD 1 .....	<b>2.1</b>	<b>3.4</b>	<b>4.2</b>	<b>4.3</b>	<b>2.5</b>	<b>4.6</b>	<i>5.0</i>	<i>5.0</i>	<i>2.9</i>	<i>4.3</i>	<i>5.1</i>	<i>4.9</i>	<b>4.3</b>	<i>5.0</i>	<i>4.9</i>
PADD 2 .....	<b>8.4</b>	<b>17.6</b>	<b>23.1</b>	<b>18.0</b>	<b>11.2</b>	<b>20.7</b>	<i>26.3</i>	<i>22.3</i>	<i>11.3</i>	<i>19.6</i>	<i>25.8</i>	<i>21.6</i>	<b>18.0</b>	<i>22.3</i>	<i>21.6</i>
PADD 3 .....	<b>15.9</b>	<b>30.4</b>	<b>38.7</b>	<b>33.0</b>	<b>15.6</b>	<b>22.5</b>	<i>36.0</i>	<i>30.4</i>	<i>19.5</i>	<i>31.3</i>	<i>38.4</i>	<i>30.6</i>	<b>33.0</b>	<i>30.4</i>	<i>30.6</i>
PADD 4 .....	<b>0.4</b>	<b>0.5</b>	<b>0.7</b>	<b>0.5</b>	<b>0.3</b>	<b>0.5</b>	<i>0.6</i>	<i>0.5</i>	<i>0.4</i>	<i>0.5</i>	<i>0.6</i>	<i>0.5</i>	<b>0.5</b>	<i>0.5</i>	<i>0.5</i>
PADD 5 .....	<b>0.4</b>	<b>1.0</b>	<b>2.2</b>	<b>1.4</b>	<b>0.4</b>	<b>1.4</b>	<i>2.5</i>	<i>1.6</i>	<i>0.6</i>	<i>1.4</i>	<i>2.7</i>	<i>1.9</i>	<b>1.4</b>	<i>1.6</i>	<i>1.9</i>
U.S. Total .....	<b>27.2</b>	<b>52.9</b>	<b>68.9</b>	<b>57.2</b>	<b>30.0</b>	<b>49.6</b>	<i>70.2</i>	<i>59.8</i>	<i>34.8</i>	<i>57.0</i>	<i>72.7</i>	<i>59.5</i>	<b>57.2</b>	<i>59.8</i>	<i>59.5</i>
<b>Residential Prices excluding Taxes</b> (cents/gallon)															
Northeast .....	<b>178.6</b>	<b>189.7</b>	<b>199.8</b>	<b>209.9</b>	<b>210.7</b>	<b>220.2</b>	<i>226.1</i>	<i>204.6</i>	<i>205.3</i>	<i>208.8</i>	<i>208.9</i>	<i>208.8</i>	<b>192.0</b>	<i>212.4</i>	<i>207.5</i>
South.....	<b>171.3</b>	<b>172.7</b>	<b>174.5</b>	<b>200.0</b>	<b>202.8</b>	<b>200.6</b>	<i>197.0</i>	<i>188.2</i>	<i>194.0</i>	<i>190.8</i>	<i>184.7</i>	<i>196.4</i>	<b>181.2</b>	<i>196.5</i>	<i>193.4</i>
Midwest.....	<b>136.0</b>	<b>137.7</b>	<b>139.6</b>	<b>156.5</b>	<b>158.6</b>	<b>157.4</b>	<i>154.7</i>	<i>150.9</i>	<i>157.9</i>	<i>152.0</i>	<i>146.7</i>	<i>154.5</i>	<b>143.2</b>	<i>155.1</i>	<i>154.4</i>
West.....	<b>168.8</b>	<b>167.3</b>	<b>165.4</b>	<b>196.3</b>	<b>198.8</b>	<b>198.6</b>	<i>185.5</i>	<i>182.8</i>	<i>187.4</i>	<i>180.1</i>	<i>169.7</i>	<i>187.7</i>	<b>177.7</b>	<i>192.5</i>	<i>183.0</i>
U.S. Total .....	<b>157.6</b>	<b>163.3</b>	<b>162.4</b>	<b>183.7</b>	<b>186.5</b>	<b>190.4</b>	<i>181.6</i>	<i>173.7</i>	<i>179.5</i>	<i>178.6</i>	<i>169.6</i>	<i>179.0</i>	<b>167.3</b>	<i>181.9</i>	<i>177.7</i>
<b>Residential Prices including State Taxes</b> (cents/gallon)															
Northeast .....	<b>186.5</b>	<b>198.2</b>	<b>209.1</b>	<b>219.4</b>	<b>220.1</b>	<b>230.0</b>	<i>236.4</i>	<i>213.8</i>	<i>214.5</i>	<i>218.2</i>	<i>218.4</i>	<i>218.2</i>	<b>200.7</b>	<i>221.9</i>	<i>216.9</i>
South.....	<b>179.8</b>	<b>181.4</b>	<b>183.6</b>	<b>210.1</b>	<b>213.0</b>	<b>210.7</b>	<i>207.0</i>	<i>197.7</i>	<i>203.8</i>	<i>200.4</i>	<i>194.1</i>	<i>206.4</i>	<b>190.3</b>	<i>206.4</i>	<i>203.2</i>
Midwest.....	<b>143.6</b>	<b>145.5</b>	<b>147.4</b>	<b>165.4</b>	<b>167.5</b>	<b>166.2</b>	<i>163.4</i>	<i>159.4</i>	<i>166.8</i>	<i>160.6</i>	<i>155.0</i>	<i>163.3</i>	<b>151.3</b>	<i>163.8</i>	<i>163.1</i>
West.....	<b>178.4</b>	<b>176.7</b>	<b>174.2</b>	<b>207.3</b>	<b>210.1</b>	<b>209.8</b>	<i>195.8</i>	<i>192.9</i>	<i>198.0</i>	<i>190.3</i>	<i>179.1</i>	<i>198.2</i>	<b>187.6</b>	<i>203.4</i>	<i>193.3</i>
U.S. Total .....	<b>165.7</b>	<b>172.4</b>	<b>170.8</b>	<b>193.4</b>	<b>196.3</b>	<b>200.4</b>	<i>191.1</i>	<i>182.8</i>	<i>188.9</i>	<i>187.9</i>	<i>178.5</i>	<i>188.4</i>	<b>176.1</b>	<i>191.5</i>	<i>187.0</i>

<sup>a</sup> 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<sup>a</sup> for the RSTEM<sup>b</sup>**  
(Percent Deviation Base Case)

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

**Petroleum**

Total  
Motor Gasoline  
Distillate Fuel  
Residual Fuel

**Natural Gas**

Total  
Residential  
Commercial  
Industrial

The table has been replaced by a new analysis report:  
**Final Reduced Form Energy Model Elasticities from EIA's  
Regional Short-Term Energy Model (RSTEM)**

<http://www.eia.doe.gov/emeu/steo/pub/pdf/elasticities.pdf>

Electric Power

**Coal**

Total  
Electric Power

**Electricity**

Total  
Residential  
Commercial  
Industrial

<sup>a</sup> Percent change in demand quantity resulting from specified percent changes in model inputs.

<sup>b</sup> Regional Short-Term Energy Model.

<sup>c</sup> Refiner acquisitions cost of imported crude oil.

<sup>d</sup> Average unit value of marketed natural gas production reported by States.

<sup>e</sup> Refers to percent changes in degree-days.

<sup>f</sup> 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
<b>Supply</b>															
Total Dry Gas Production .....	<b>4.66</b>	<b>4.66</b>	<b>4.48</b>	<b>4.44</b>	<b>4.57</b>	<b>4.70</b>	<i>4.59</i>	<i>4.62</i>	<i>4.57</i>	<i>4.62</i>	<i>4.67</i>	<i>4.69</i>	<b>18.24</b>	<i>18.47</i>	<i>18.55</i>
Alaska .....	<b>0.12</b>	<b>0.11</b>	<b>0.11</b>	<b>0.12</b>	<b>0.12</b>	<b>0.11</b>	<i>0.11</i>	<i>0.12</i>	<i>0.12</i>	<i>0.11</i>	<i>0.11</i>	<i>0.12</i>	<b>0.47</b>	<i>0.46</i>	<i>0.46</i>
Federal GOM <sup>a</sup> .....	<b>0.93</b>	<b>0.89</b>	<b>0.67</b>	<b>0.54</b>	<b>0.68</b>	<b>0.72</b>	<i>0.75</i>	<i>0.77</i>	<i>0.79</i>	<i>0.81</i>	<i>0.83</i>	<i>0.83</i>	<b>3.03</b>	<i>2.92</i>	<i>3.25</i>
Other Lower 48 .....	<b>3.61</b>	<b>3.66</b>	<b>3.70</b>	<b>3.78</b>	<b>3.77</b>	<b>3.86</b>	<i>3.73</i>	<i>3.73</i>	<i>3.66</i>	<i>3.70</i>	<i>3.73</i>	<i>3.74</i>	<b>14.75</b>	<i>15.10</i>	<i>14.83</i>
Gross Imports.....	<b>1.14</b>	<b>0.98</b>	<b>1.08</b>	<b>1.13</b>	<b>1.04</b>	<b>1.02</b>	<i>1.04</i>	<i>1.02</i>	<i>1.10</i>	<i>1.04</i>	<i>1.06</i>	<i>1.13</i>	<b>4.34</b>	<i>4.11</i>	<i>4.32</i>
Pipeline .....	<b>0.98</b>	<b>0.83</b>	<b>0.94</b>	<b>0.97</b>	<b>0.92</b>	<b>0.83</b>	<i>0.88</i>	<i>0.87</i>	<i>0.90</i>	<i>0.83</i>	<i>0.85</i>	<i>0.92</i>	<b>3.71</b>	<i>3.50</i>	<i>3.51</i>
LNG .....	<b>0.16</b>	<b>0.16</b>	<b>0.15</b>	<b>0.17</b>	<b>0.11</b>	<b>0.19</b>	<i>0.16</i>	<i>0.15</i>	<i>0.19</i>	<i>0.20</i>	<i>0.20</i>	<i>0.21</i>	<b>0.63</b>	<i>0.61</i>	<i>0.81</i>
Gross Exports .....	<b>0.28</b>	<b>0.17</b>	<b>0.15</b>	<b>0.13</b>	<b>0.18</b>	<b>0.18</b>	<i>0.17</i>	<i>0.19</i>	<i>0.20</i>	<i>0.20</i>	<i>0.21</i>	<i>0.22</i>	<b>0.73</b>	<i>0.72</i>	<i>0.84</i>
Net Imports .....	<b>0.86</b>	<b>0.81</b>	<b>0.93</b>	<b>1.00</b>	<b>0.86</b>	<b>0.84</b>	<i>0.87</i>	<i>0.83</i>	<i>0.90</i>	<i>0.84</i>	<i>0.84</i>	<i>0.90</i>	<b>3.61</b>	<i>3.39</i>	<i>3.48</i>
Supplemental Gaseous Fuels .....	<b>0.02</b>	<b>0.02</b>	<b>0.02</b>	<b>0.02</b>	<b>0.02</b>	<b>0.01</b>	<i>0.02</i>	<i>0.02</i>	<i>0.02</i>	<i>0.02</i>	<i>0.02</i>	<i>0.02</i>	<b>0.07</b>	<i>0.07</i>	<i>0.07</i>
Total New Supply .....	<b>5.54</b>	<b>5.49</b>	<b>5.43</b>	<b>5.46</b>	<b>5.45</b>	<b>5.55</b>	<i>5.48</i>	<i>5.46</i>	<i>5.49</i>	<i>5.47</i>	<i>5.53</i>	<i>5.61</i>	<b>21.93</b>	<i>21.94</i>	<i>22.09</i>
<b>Working Gas in Storage</b>															
Opening .....	<b>2.70</b>	<b>1.28</b>	<b>2.20</b>	<b>2.93</b>	<b>2.64</b>	<b>1.69</b>	<i>2.62</i>	<i>3.34</i>	<i>2.86</i>	<i>1.41</i>	<i>2.30</i>	<i>3.16</i>	<b>2.70</b>	<i>2.64</i>	<i>2.86</i>
Closing .....	<b>1.28</b>	<b>2.20</b>	<b>2.93</b>	<b>2.64</b>	<b>1.69</b>	<b>2.62</b>	<i>3.34</i>	<i>2.86</i>	<i>1.41</i>	<i>2.30</i>	<i>3.16</i>	<i>2.71</i>	<b>2.64</b>	<i>2.86</i>	<i>2.71</i>
Net Withdrawals .....	<b>1.41</b>	<b>-0.91</b>	<b>-0.73</b>	<b>0.30</b>	<b>0.94</b>	<b>-0.92</b>	<i>-0.72</i>	<i>0.48</i>	<i>1.46</i>	<i>-0.89</i>	<i>-0.86</i>	<i>0.45</i>	<b>0.06</b>	<i>-0.23</i>	<i>0.15</i>
Total Supply .....	<b>6.96</b>	<b>4.58</b>	<b>4.69</b>	<b>5.76</b>	<b>6.39</b>	<b>4.63</b>	<i>4.76</i>	<i>5.94</i>	<i>6.94</i>	<i>4.58</i>	<i>4.67</i>	<i>6.06</i>	<b>21.99</b>	<i>21.71</i>	<i>22.25</i>
Balancing Item <sup>b</sup> .....	<b>0.03</b>	<b>0.19</b>	<b>0.08</b>	<b>-0.37</b>	<b>0.02</b>	<b>0.18</b>	<i>0.27</i>	<i>-0.29</i>	<i>0.06</i>	<i>0.21</i>	<i>0.06</i>	<i>-0.42</i>	<b>-0.06</b>	<i>0.17</i>	<i>-0.08</i>
Total Primary Supply .....	<b>6.99</b>	<b>4.77</b>	<b>4.78</b>	<b>5.39</b>	<b>6.41</b>	<b>4.80</b>	<i>5.03</i>	<i>5.64</i>	<i>7.00</i>	<i>4.79</i>	<i>4.73</i>	<i>5.64</i>	<b>21.93</b>	<i>21.88</i>	<i>22.17</i>
<b>Demand</b>															
Residential .....	<b>2.32</b>	<b>0.78</b>	<b>0.35</b>	<b>1.36</b>	<b>2.04</b>	<b>0.71</b>	<i>0.35</i>	<i>1.40</i>	<i>2.32</i>	<i>0.78</i>	<i>0.36</i>	<i>1.37</i>	<b>4.81</b>	<i>4.50</i>	<i>4.83</i>
Commercial .....	<b>1.27</b>	<b>0.56</b>	<b>0.39</b>	<b>0.83</b>	<b>1.16</b>	<b>0.54</b>	<i>0.41</i>	<i>0.84</i>	<i>1.27</i>	<i>0.56</i>	<i>0.39</i>	<i>0.83</i>	<b>3.06</b>	<i>2.95</i>	<i>3.06</i>
Industrial .....	<b>2.12</b>	<b>1.90</b>	<b>1.79</b>	<b>1.87</b>	<b>1.99</b>	<b>1.83</b>	<i>1.83</i>	<i>1.98</i>	<i>2.04</i>	<i>1.83</i>	<i>1.84</i>	<i>2.01</i>	<b>7.68</b>	<i>7.63</i>	<i>7.72</i>
Lease and Plant Fuel .....	<b>0.27</b>	<b>0.27</b>	<b>0.26</b>	<b>0.26</b>	<b>0.27</b>	<b>0.27</b>	<i>0.27</i>	<i>0.27</i>	<i>0.27</i>	<i>0.27</i>	<i>0.27</i>	<i>0.27</i>	<b>1.07</b>	<i>1.08</i>	<i>1.08</i>
Other Industrial.....	<b>1.84</b>	<b>1.63</b>	<b>1.53</b>	<b>1.61</b>	<b>1.72</b>	<b>1.56</b>	<i>1.56</i>	<i>1.71</i>	<i>1.77</i>	<i>1.56</i>	<i>1.57</i>	<i>1.74</i>	<b>6.61</b>	<i>6.55</i>	<i>6.64</i>
CHP <sup>c</sup> .....	<b>0.24</b>	<b>0.24</b>	<b>0.25</b>	<b>0.20</b>	<b>0.21</b>	<b>0.28</b>	<i>0.37</i>	<i>0.26</i>	<i>0.26</i>	<i>0.29</i>	<i>0.31</i>	<i>0.25</i>	<b>0.94</b>	<i>1.12</i>	<i>1.11</i>
Non-CHP .....	<b>1.60</b>	<b>1.39</b>	<b>1.28</b>	<b>1.40</b>	<b>1.51</b>	<b>1.28</b>	<i>1.19</i>	<i>1.45</i>	<i>1.51</i>	<i>1.28</i>	<i>1.26</i>	<i>1.48</i>	<b>5.67</b>	<i>5.43</i>	<i>5.53</i>
Transportation <sup>d</sup> .....	<b>0.18</b>	<b>0.13</b>	<b>0.13</b>	<b>0.14</b>	<b>0.17</b>	<b>0.13</b>	<i>0.13</i>	<i>0.15</i>	<i>0.19</i>	<i>0.13</i>	<i>0.12</i>	<i>0.15</i>	<b>0.58</b>	<i>0.58</i>	<i>0.59</i>
Electric Power <sup>e</sup> .....	<b>1.09</b>	<b>1.40</b>	<b>2.12</b>	<b>1.19</b>	<b>1.05</b>	<b>1.59</b>	<i>2.31</i>	<i>1.27</i>	<i>1.19</i>	<i>1.49</i>	<i>2.01</i>	<i>1.28</i>	<b>5.80</b>	<i>6.22</i>	<i>5.95</i>
Total Demand.....	<b>6.99</b>	<b>4.77</b>	<b>4.78</b>	<b>5.39</b>	<b>6.41</b>	<b>4.80</b>	<i>5.03</i>	<i>5.64</i>	<i>7.00</i>	<i>4.79</i>	<i>4.73</i>	<i>5.64</i>	<b>21.93</b>	<i>21.88</i>	<i>22.17</i>

<sup>a</sup> Dry natural gas production from U.S. Federal Leases in the Gulf of Mexico.

<sup>b</sup> 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.

<sup>c</sup> 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.

<sup>d</sup> Pipeline fuel use plus natural gas used as vehicle fuel.

<sup>e</sup> 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<sup>a</sup> 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
<b>Delivered to Consumers</b>															
<b>Residential</b>															
New England.....	1.089	0.421	0.138	0.511	0.919	0.366	0.143	0.516	1.085	0.413	0.149	0.519	0.537	0.484	0.539
Mid Atlantic .....	4.911	1.733	0.626	2.394	4.192	1.464	0.593	2.415	4.751	1.699	0.649	2.455	2.404	2.157	2.377
E. N. Central .....	7.637	2.184	0.873	4.683	6.402	2.044	0.942	4.769	7.492	2.267	0.917	4.477	3.828	3.528	3.772
W. N. Central .....	2.410	0.678	0.282	1.349	2.086	0.594	0.294	1.395	2.413	0.672	0.293	1.360	1.174	1.088	1.179
S. Atlantic.....	2.498	0.694	0.330	1.519	2.117	0.553	0.331	1.510	2.396	0.663	0.329	1.493	1.255	1.124	1.215
E. S. Central.....	1.084	0.304	0.130	0.569	0.954	0.239	0.124	0.573	1.125	0.265	0.126	0.544	0.520	0.471	0.512
W. S. Central.....	1.790	0.525	0.289	0.825	1.529	0.467	0.287	0.880	1.835	0.484	0.290	0.853	0.853	0.788	0.861
Mountain .....	1.666	0.680	0.291	1.096	1.688	0.603	0.310	1.158	1.780	0.628	0.301	1.163	0.930	0.937	0.965
Pacific .....	2.722	1.370	0.868	1.801	2.766	1.452	0.800	1.985	2.868	1.524	0.892	2.038	1.685	1.746	1.826
Total.....	25.807	8.590	3.828	14.747	22.655	7.782	3.825	15.203	25.746	8.615	3.946	14.900	13.187	12.322	13.246
<b>Commercial</b>															
New England.....	0.616	0.265	0.143	0.326	0.542	0.236	0.142	0.330	0.577	0.253	0.142	0.334	0.336	0.311	0.325
Mid Atlantic .....	2.801	1.235	0.836	1.616	2.514	1.169	0.937	1.637	2.651	1.249	0.927	1.682	1.616	1.560	1.623
E. N. Central .....	3.617	1.202	0.691	2.257	3.151	1.165	0.719	2.260	3.570	1.219	0.692	2.176	1.934	1.818	1.907
W. N. Central .....	1.436	0.495	0.281	0.857	1.269	0.461	0.294	0.895	1.457	0.503	0.287	0.856	0.764	0.727	0.773
S. Atlantic.....	1.619	0.747	0.551	1.125	1.441	0.677	0.552	1.134	1.615	0.762	0.567	1.126	1.008	0.949	1.015
E. S. Central.....	0.660	0.273	0.195	0.416	0.597	0.236	0.181	0.402	0.716	0.264	0.184	0.390	0.385	0.353	0.387
W. S. Central.....	1.256	0.690	0.587	0.825	1.143	0.673	0.579	0.876	1.365	0.687	0.570	0.852	0.838	0.817	0.866
Mountain .....	0.937	0.493	0.273	0.657	0.975	0.455	0.273	0.664	0.985	0.464	0.281	0.670	0.588	0.590	0.598
Pacific .....	1.201	0.805	0.681	0.952	1.249	0.841	0.763	0.956	1.210	0.800	0.638	0.955	0.909	0.951	0.899
Total.....	14.142	6.204	4.238	9.030	12.882	5.912	4.440	9.153	14.145	6.200	4.288	9.039	8.378	8.077	8.393
<b>Industrial<sup>b</sup></b>															
New England.....	0.347	0.214	0.152	0.231	0.308	0.212	0.150	0.201	0.289	0.207	0.158	0.265	0.236	0.217	0.230
Mid Atlantic .....	1.164	0.888	0.792	0.900	1.088	0.866	0.794	0.949	1.093	0.845	0.778	0.949	0.935	0.924	0.915
E. N. Central .....	3.932	2.889	2.595	3.203	3.630	2.722	2.601	3.265	3.804	2.764	2.471	3.178	3.151	3.053	3.051
W. N. Central .....	1.296	1.002	1.085	1.219	1.288	1.112	1.153	1.253	1.259	1.026	1.019	1.164	1.150	1.201	1.116
S. Atlantic.....	1.644	1.424	1.308	1.372	1.533	1.397	1.383	1.548	1.522	1.362	1.305	1.421	1.436	1.465	1.402
E. S. Central.....	1.403	1.204	1.087	1.202	1.286	1.181	1.151	1.373	1.420	1.239	1.191	1.316	1.223	1.248	1.291
W. S. Central.....	7.001	6.816	6.279	5.957	6.476	6.456	6.477	6.369	6.639	6.342	6.610	6.817	6.510	6.444	6.603
Mountain .....	0.876	0.759	0.732	0.866	0.937	0.753	0.672	0.858	0.890	0.744	0.707	0.833	0.808	0.804	0.793
Pacific .....	2.827	2.699	2.602	2.499	2.549	2.442	2.563	2.793	2.751	2.668	2.847	2.916	2.656	2.587	2.796
Total.....	20.489	17.895	16.632	17.451	19.095	17.143	16.945	18.609	19.667	17.196	17.085	18.860	18.104	17.944	18.197
<b>Total to Consumers<sup>c</sup></b>															
New England.....	2.052	0.899	0.433	1.068	1.769	0.813	0.435	1.047	1.951	0.874	0.450	1.118	1.109	1.013	1.094
Mid Atlantic .....	8.876	3.856	2.254	4.910	7.794	3.500	2.325	5.002	8.495	3.793	2.354	5.085	4.956	4.641	4.915
E. N. Central .....	15.185	6.275	4.159	10.143	13.183	5.931	4.262	10.294	14.866	6.249	4.079	9.831	8.914	8.398	8.730
W. N. Central .....	5.142	2.176	1.649	3.425	4.643	2.167	1.741	3.543	5.129	2.201	1.599	3.381	3.089	3.017	3.068
S. Atlantic.....	5.761	2.865	2.188	4.016	5.092	2.627	2.266	4.192	5.534	2.787	2.201	4.039	3.699	3.538	3.632
E. S. Central.....	3.147	1.781	1.412	2.187	2.837	1.656	1.456	2.348	3.261	1.767	1.501	2.250	2.127	2.071	2.190
W. S. Central.....	10.048	8.031	7.156	7.607	9.149	7.596	7.344	8.125	9.838	7.513	7.470	8.522	8.201	8.049	8.330
Mountain .....	3.479	1.931	1.296	2.618	3.600	1.811	1.255	2.679	3.655	1.836	1.289	2.665	2.326	2.331	2.356
Pacific .....	6.750	4.874	4.151	5.252	6.564	4.735	4.126	5.734	6.829	4.991	4.377	5.908	5.250	5.285	5.521
Total.....	60.439	32.689	24.698	41.227	54.632	30.837	25.210	42.965	59.558	32.011	25.319	42.799	39.670	38.343	39.836

<sup>a</sup> 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."

<sup>b</sup> Industrial representing only "Other Industrial" demand in Table 8a.

<sup>c</sup> 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<sup>a</sup> 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
<b>Delivered to Consumers</b>															
<b>Residential</b>															
New England.....	13.80	14.63	17.97	19.04	17.62	17.11	18.88	15.99	16.12	15.70	17.45	16.58	15.49	17.18	16.24
Mid Atlantic.....	12.31	13.66	17.62	16.81	15.98	16.08	18.19	13.71	13.95	13.96	17.11	14.96	14.03	15.51	14.43
E. N. Central.....	9.79	11.98	15.16	14.05	12.79	12.49	13.59	10.90	11.63	11.55	13.86	12.04	11.72	12.16	11.88
W. N. Central.....	10.06	11.93	16.77	13.99	12.61	13.22	15.45	11.99	12.26	12.19	15.26	12.90	11.88	12.69	12.62
S. Atlantic.....	13.03	16.12	21.78	18.98	17.14	18.73	21.73	15.21	14.65	15.84	19.91	15.78	15.85	17.03	15.52
E. S. Central.....	11.69	13.56	17.17	17.36	15.78	16.39	17.76	13.45	13.51	13.67	16.29	14.29	13.88	15.27	13.91
W. S. Central.....	10.19	13.20	17.30	16.28	12.80	14.12	16.86	13.47	12.51	13.25	16.01	13.73	12.75	13.56	13.22
Mountain .....	9.52	10.47	13.59	12.41	11.80	12.50	13.99	10.68	11.38	11.02	13.36	11.95	10.87	11.75	11.65
Pacific .....	10.70	10.94	12.09	14.03	12.89	11.56	10.97	11.32	12.34	10.37	11.37	12.47	11.83	11.94	11.85
Total .....	10.98	12.62	15.74	15.30	14.04	13.93	14.92	12.32	12.80	12.52	14.46	13.36	12.81	13.56	13.04
<b>Commercial</b>															
New England.....	12.54	12.63	13.23	16.86	15.50	14.17	13.05	12.45	14.24	12.94	12.87	13.69	13.66	14.19	13.72
Mid Atlantic.....	11.14	10.88	11.44	16.07	14.51	11.87	10.50	11.15	12.52	10.96	11.11	12.48	12.38	12.56	12.03
E. N. Central.....	9.07	10.08	11.53	13.41	12.38	11.18	10.36	10.07	11.11	10.08	11.00	11.41	10.68	11.30	11.03
W. N. Central.....	9.33	9.94	11.58	12.94	11.79	10.53	10.01	10.12	11.26	9.99	10.54	11.39	10.65	10.92	11.04
S. Atlantic.....	11.01	11.52	13.07	16.54	14.86	13.14	12.15	11.46	12.45	11.30	11.89	12.60	12.94	13.20	12.20
E. S. Central.....	10.75	10.86	11.78	15.97	14.67	12.71	11.44	11.55	12.50	11.04	11.58	12.66	12.30	13.07	12.19
W. S. Central.....	8.97	9.54	10.70	14.47	11.37	9.84	9.81	10.22	10.96	9.60	10.04	11.44	10.67	10.51	10.69
Mountain .....	8.53	8.68	9.72	11.07	10.65	10.37	10.33	9.58	10.18	9.16	10.32	10.70	9.42	10.26	10.15
Pacific .....	9.82	9.48	10.11	12.84	11.88	10.23	9.32	10.28	11.46	9.04	9.61	11.49	10.60	10.66	10.64
Total .....	10.07	10.47	11.74	14.57	13.19	11.59	10.68	10.77	11.85	10.51	10.99	12.03	11.56	11.90	11.56
<b>Industrial</b>															
New England.....	11.55	11.10	11.34	16.30	14.70	12.26	10.26	11.34	13.66	11.53	10.35	12.73	12.60	12.65	12.45
Mid Atlantic.....	10.27	9.74	9.90	15.33	13.22	10.71	9.18	10.13	11.97	9.55	9.33	11.33	11.29	11.23	10.82
E. N. Central.....	8.35	9.24	9.84	12.34	10.95	9.37	8.14	8.89	10.34	8.85	8.94	10.36	9.88	9.64	9.91
W. N. Central.....	7.68	7.64	7.91	11.39	10.53	7.49	6.96	7.95	9.50	7.66	7.71	9.47	8.81	8.26	8.71
S. Atlantic.....	8.39	8.44	10.02	14.83	11.49	9.33	8.17	8.73	10.45	8.58	8.46	10.10	10.40	9.41	9.48
E. S. Central.....	7.75	7.98	8.84	13.70	11.70	8.80	7.69	8.48	10.29	8.27	8.18	9.65	9.56	9.16	9.18
W. S. Central.....	6.20	6.85	8.33	11.02	8.26	6.85	6.20	7.05	8.43	6.95	6.99	8.53	7.95	7.08	7.72
Mountain .....	7.31	7.83	8.24	10.30	10.05	9.17	8.70	8.44	9.40	7.60	8.27	9.71	8.41	9.12	8.81
Pacific .....	7.00	6.06	6.09	9.19	9.13	7.16	6.46	7.47	9.09	6.85	7.11	8.79	7.13	7.63	8.01
Total .....	7.01	7.21	8.38	11.61	9.46	7.49	6.51	7.66	9.23	7.40	7.20	9.05	8.46	7.82	8.27
<b>Citygate</b>															
New England.....	7.86	9.16	12.50	13.27	11.03	9.68	10.09	9.31	10.00	9.01	10.00	10.57	9.80	10.23	9.95
Mid Atlantic.....	7.58	8.14	8.92	11.75	10.49	8.77	8.46	8.50	9.50	8.09	8.08	9.63	8.85	9.43	9.13
E. N. Central.....	7.34	8.01	9.51	11.18	9.83	7.99	7.11	7.87	9.14	7.96	7.89	9.22	8.75	8.69	8.89
W. N. Central.....	7.07	8.26	9.31	11.02	9.18	8.38	7.51	8.31	9.19	8.08	8.17	9.53	8.55	8.65	9.05
S. Atlantic.....	7.69	8.48	10.40	13.25	10.68	9.10	8.20	8.71	9.37	8.24	8.39	9.88	9.72	9.55	9.24
E. S. Central.....	7.12	7.81	8.80	12.24	10.45	9.12	7.43	8.39	9.22	7.86	7.85	9.59	8.79	9.36	9.00
W. S. Central.....	6.72	6.98	8.76	10.92	8.93	7.30	6.65	7.74	8.87	7.19	7.29	9.00	8.07	8.00	8.42
Mountain .....	6.19	6.50	7.16	8.77	8.11	6.95	6.31	7.04	8.08	6.47	6.81	8.44	7.09	7.42	7.79
Pacific .....	6.22	6.73	7.73	9.95	8.18	6.54	5.98	7.11	7.95	6.35	6.73	8.46	7.55	7.21	7.58

<sup>a</sup> 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
<b>Supply</b>															
Production .....	285.8	278.8	285.3	281.6	288.9	293.0	293.7	282.6	291.7	281.1	285.5	295.4	1131.5	1158.1	1153.6
Appalachia.....	100.2	101.3	98.4	97.5	103.0	100.6	103.6	97.7	99.5	95.8	97.3	100.7	397.3	404.9	393.4
Interior.....	37.0	36.9	37.3	37.8	37.8	37.1	38.8	36.5	37.0	35.7	36.3	37.5	149.2	150.2	146.5
Western.....	148.6	140.5	149.6	146.3	148.0	155.3	151.4	148.3	155.2	149.5	151.9	157.1	585.0	603.0	613.7
Primary Stock Levels <sup>a</sup>															
Opening.....	41.2	38.7	38.4	35.0	35.0	35.1	35.3	33.2	35.1	34.0	32.5	30.1	41.2	35.0	35.1
Closing.....	38.7	38.4	35.0	35.0	35.1	35.3	33.2	35.1	34.0	32.5	30.1	30.8	35.0	35.1	30.8
Net Withdrawals .....	2.5	0.3	3.5	(S)	-0.1	-0.2	2.1	-1.9	1.1	1.5	2.4	-0.7	6.2	-0.1	4.3
Imports .....	7.6	7.2	7.8	7.8	9.0	8.0	10.0	8.3	8.0	9.3	10.5	10.6	30.5	35.2	38.4
Exports .....	10.1	14.8	12.6	12.4	10.7	12.6	12.7	12.0	10.6	12.3	13.1	12.1	49.9	48.0	48.0
Total Net Supply.....	285.7	271.5	284.0	277.0	287.0	288.1	293.2	277.0	290.1	279.6	285.3	293.3	1118.2	1145.3	1148.3
Secondary Stock Levels <sup>b</sup>															
Opening.....	112.9	111.8	123.3	106.0	109.4	119.2	143.6	130.3	119.7	130.2	147.8	131.4	112.9	109.4	119.7
Closing.....	111.8	123.3	106.0	109.4	119.2	143.6	130.3	119.7	130.2	147.8	131.4	134.9	109.4	119.7	134.9
Net Withdrawals .....	1.0	-11.4	17.3	-3.5	-9.8	-24.4	13.3	10.6	-10.6	-17.5	16.4	-3.6	3.4	-10.3	-15.3
Waste Coal to IPPs <sup>c</sup> .....	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 .....	290.6	263.8	305.0	277.3	281.1	267.5	310.2	291.4	283.4	265.9	305.4	293.5	1136.7	1150.2	1148.1
<b>Demand</b>															
Coke Plants.....	5.6	6.0	6.0	5.8	5.7	5.8	6.7	6.2	6.1	6.2	6.6	6.2	23.4	24.4	25.1
Electric Power Sector <sup>d</sup> .....	256.2	242.6	282.4	257.8	251.0	240.0	277.6	267.3	260.3	244.5	283.2	269.7	1039.0	1035.9	1057.7
Retail and Oth. Industry.....	16.8	15.3	15.5	16.9	16.7	15.5	16.0	18.0	17.0	15.1	15.6	17.6	64.6	66.2	65.4
Total Demand <sup>e</sup> .....	278.7	263.9	303.9	280.5	273.5	261.3	300.3	291.4	283.4	265.9	305.4	293.5	1127.0	1126.5	1148.1
Discrepancy <sup>f</sup> .....	11.9	-0.1	1.1	-3.2	7.6	6.2	9.9	0.0	0.0	0.0	0.0	0.0	9.8	23.7	0.0

<sup>a</sup> Primary stocks are held at the mines, preparation plants, and distribution points.

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

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

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

<sup>e</sup> Total Demand includes estimated IPP consumption.

<sup>f</sup> 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
<b>Net Electricity Generation</b>															
<b>Electric Power Sector<sup>a</sup></b>															
Coal.....	<b>491.9</b>	<b>466.7</b>	<b>539.8</b>	<b>494.1</b>	<b>482.4</b>	<b>461.4</b>	<i>530.5</i>	<i>509.8</i>	<i>498.5</i>	<i>467.9</i>	<i>541.9</i>	<i>514.5</i>	<b>1992.5</b>	<i>1984.1</i>	<i>2022.8</i>
Petroleum.....	<b>25.8</b>	<b>22.9</b>	<b>38.3</b>	<b>28.8</b>	<b>13.8</b>	<b>13.7</b>	<i>21.3</i>	<i>18.9</i>	<i>23.0</i>	<i>20.9</i>	<i>26.4</i>	<i>20.6</i>	<b>115.8</b>	<i>67.7</i>	<i>90.8</i>
Natural Gas.....	<b>129.1</b>	<b>161.7</b>	<b>244.3</b>	<b>139.9</b>	<b>124.3</b>	<b>182.7</b>	<i>268.0</i>	<i>150.5</i>	<i>139.5</i>	<i>170.6</i>	<i>233.8</i>	<i>151.3</i>	<b>675.1</b>	<i>725.5</i>	<i>695.2</i>
Nuclear.....	<b>192.3</b>	<b>183.9</b>	<b>208.4</b>	<b>195.9</b>	<b>198.2</b>	<b>188.7</b>	<i>210.4</i>	<i>189.1</i>	<i>199.8</i>	<i>195.5</i>	<i>212.9</i>	<i>197.4</i>	<b>780.5</b>	<i>786.5</i>	<i>805.6</i>
Hydroelectric.....	<b>65.3</b>	<b>73.2</b>	<b>61.1</b>	<b>55.7</b>	<b>73.4</b>	<b>84.8</b>	<i>62.1</i>	<i>62.8</i>	<i>69.4</i>	<i>76.6</i>	<i>62.0</i>	<i>58.8</i>	<b>255.3</b>	<i>283.1</i>	<i>266.7</i>
Other <sup>b</sup> .....	<b>14.8</b>	<b>16.7</b>	<b>16.3</b>	<b>16.4</b>	<b>17.6</b>	<b>18.6</b>	<i>18.4</i>	<i>18.5</i>	<i>19.5</i>	<i>20.9</i>	<i>21.3</i>	<i>21.3</i>	<b>64.2</b>	<i>73.1</i>	<i>82.9</i>
Subtotal.....	<b>919.2</b>	<b>925.2</b>	<b>1108.2</b>	<b>930.8</b>	<b>909.7</b>	<b>949.9</b>	<i>1110.7</i>	<i>949.6</i>	<i>949.6</i>	<i>952.3</i>	<i>1098.2</i>	<i>963.9</i>	<b>3883.4</b>	<i>3919.9</i>	<i>3963.9</i>
Other Sectors <sup>c</sup> .....	<b>38.7</b>	<b>38.6</b>	<b>41.8</b>	<b>35.4</b>	<b>36.2</b>	<b>39.2</b>	<i>47.4</i>	<i>42.9</i>	<i>41.1</i>	<i>41.1</i>	<i>43.7</i>	<i>41.3</i>	<b>154.6</b>	<i>165.8</i>	<i>167.1</i>
Total Generation.....	<b>957.9</b>	<b>963.8</b>	<b>1150.0</b>	<b>966.2</b>	<b>945.9</b>	<b>989.1</b>	<i>1158.1</i>	<i>992.6</i>	<i>990.6</i>	<i>993.4</i>	<i>1141.9</i>	<i>1005.1</i>	<b>4038.0</b>	<i>4085.7</i>	<i>4131.1</i>
Net Imports.....	<b>5.5</b>	<b>4.9</b>	<b>8.5</b>	<b>5.8</b>	<b>4.7</b>	<b>4.3</b>	<i>8.7</i>	<i>7.2</i>	<i>5.2</i>	<i>3.2</i>	<i>5.6</i>	<i>3.7</i>	<b>24.7</b>	<i>24.8</i>	<i>17.7</i>
Total Supply.....	<b>963.4</b>	<b>968.8</b>	<b>1158.5</b>	<b>972.0</b>	<b>950.6</b>	<b>993.3</b>	<i>1166.8</i>	<i>999.8</i>	<i>995.8</i>	<i>996.6</i>	<i>1147.5</i>	<i>1008.8</i>	<b>4062.7</b>	<i>4110.5</i>	<i>4148.7</i>
Losses and Unaccounted for <sup>d</sup> .....	<b>45.4</b>	<b>72.8</b>	<b>69.1</b>	<b>55.4</b>	<b>39.2</b>	<b>75.7</b>	<i>68.1</i>	<i>66.9</i>	<i>46.4</i>	<i>73.8</i>	<i>64.4</i>	<i>66.1</i>	<b>242.6</b>	<i>249.9</i>	<i>250.7</i>
<b>Demand</b>															
<b>Retail Sales<sup>e</sup></b>															
Residential.....	<b>338.2</b>	<b>291.9</b>	<b>418.5</b>	<b>316.2</b>	<b>331.0</b>	<b>303.1</b>	<i>417.8</i>	<i>317.3</i>	<i>353.0</i>	<i>300.2</i>	<i>402.3</i>	<i>321.4</i>	<b>1364.8</b>	<i>1369.3</i>	<i>1376.9</i>
Commercial <sup>f</sup> .....	<b>292.0</b>	<b>305.6</b>	<b>359.1</b>	<b>308.5</b>	<b>297.0</b>	<b>317.1</b>	<i>365.0</i>	<i>310.4</i>	<i>304.2</i>	<i>318.7</i>	<i>365.7</i>	<i>318.0</i>	<b>1265.2</b>	<i>1289.5</i>	<i>1306.7</i>
Industrial.....	<b>245.5</b>	<b>256.4</b>	<b>266.3</b>	<b>253.1</b>	<b>243.6</b>	<b>254.7</b>	<i>268.1</i>	<i>255.7</i>	<i>244.9</i>	<i>256.6</i>	<i>264.9</i>	<i>255.9</i>	<b>1021.3</b>	<i>1022.2</i>	<i>1022.2</i>
Transportation <sup>g</sup> .....	<b>2.2</b>	<b>2.0</b>	<b>2.1</b>	<b>2.0</b>	<b>2.1</b>	<b>1.9</b>	<i>2.0</i>	<i>1.8</i>	<i>2.0</i>	<i>1.9</i>	<i>2.0</i>	<i>1.9</i>	<b>8.3</b>	<i>7.9</i>	<i>7.7</i>
Subtotal.....	<b>877.8</b>	<b>855.9</b>	<b>1045.9</b>	<b>879.9</b>	<b>873.7</b>	<b>876.9</b>	<i>1052.9</i>	<i>885.3</i>	<i>904.1</i>	<i>877.4</i>	<i>1034.8</i>	<i>897.2</i>	<b>3659.5</b>	<i>3688.9</i>	<i>3713.6</i>
Other Use/Sales <sup>h</sup> .....	<b>40.2</b>	<b>40.1</b>	<b>43.4</b>	<b>36.8</b>	<b>37.6</b>	<b>40.7</b>	<i>45.7</i>	<i>47.5</i>	<i>45.3</i>	<i>45.4</i>	<i>48.3</i>	<i>45.5</i>	<b>160.5</b>	<i>171.6</i>	<i>184.5</i>
Total Demand.....	<b>918.1</b>	<b>896.0</b>	<b>1089.4</b>	<b>916.7</b>	<b>911.4</b>	<b>917.6</b>	<i>1098.7</i>	<i>932.8</i>	<i>949.5</i>	<i>922.8</i>	<i>1083.1</i>	<i>942.7</i>	<b>3820.1</b>	<i>3860.5</i>	<i>3898.0</i>

<sup>a</sup> Electric utilities and independent power producers.

<sup>b</sup> "Other" includes generation from other gaseous fuels, geothermal, wind, wood, waste, and solar sources.

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

<sup>d</sup> Balancing item, mainly transmission and distribution losses.

<sup>e</sup> Total of retail electricity sales by electric utilities and power marketers.

<sup>f</sup> 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.

<sup>g</sup> 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.

<sup>h</sup> 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<sup>a</sup> 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
<b>Retail Sales<sup>b</sup></b>															
<b>Residential</b>															
New England .....	141.1	116.3	148.1	127.8	135.4	112.7	147.4	130.2	139.8	115.1	145.9	127.5	133.3	131.5	132.1
Mid Atlantic .....	382.0	310.4	442.6	337.1	369.3	304.2	428.3	342.5	392.8	323.0	415.4	339.3	368.1	361.2	367.6
E. N. Central .....	552.9	454.5	639.5	491.6	534.6	441.0	628.6	485.3	563.6	465.6	613.3	499.6	534.7	522.5	535.5
W. N. Central .....	280.1	235.8	333.7	252.4	274.8	243.1	340.1	259.7	286.2	238.9	318.2	254.7	275.6	279.6	274.5
S. Atlantic .....	952.7	789.7	1156.8	860.0	924.0	834.1	1139.4	853.5	1007.1	824.7	1108.3	871.1	940.1	938.1	952.9
E. S. Central .....	333.6	265.1	395.0	296.7	328.2	279.9	399.4	297.4	344.7	274.8	386.5	300.7	322.7	326.3	326.7
W. S. Central .....	460.3	474.0	720.7	467.1	442.0	521.7	713.2	487.0	518.1	473.5	658.1	487.5	531.1	541.6	534.5
Mountain .....	215.4	209.7	301.3	212.9	223.4	232.2	310.3	216.6	237.7	223.3	296.5	224.1	235.0	245.8	245.5
Pacific Contig. ....	425.0	338.9	396.9	376.1	430.8	348.7	420.5	362.9	416.8	346.8	415.6	375.3	384.1	390.6	388.6
AK and HI .....	15.2	13.5	13.9	14.8	15.4	13.6	13.9	14.2	15.3	13.7	14.6	14.2	14.3	14.3	14.5
Total .....	3758.2	3207.9	4548.6	3436.5	3677.9	3331.3	4541.1	3449.3	3922.0	3299.4	4372.4	3494.0	3739.1	3751.4	3772.4
<b>Commercial<sup>c</sup></b>															
New England .....	143.7	139.9	160.7	142.3	146.4	144.6	160.4	140.9	149.2	145.2	160.5	143.0	146.7	148.1	149.5
Mid Atlantic .....	429.9	409.8	488.1	413.3	429.6	428.4	495.0	423.4	441.2	436.0	496.9	434.4	435.4	444.2	452.2
E. N. Central .....	470.5	484.9	541.0	474.9	485.3	491.5	552.9	477.9	489.2	491.7	550.8	483.0	493.0	502.0	503.8
W. N. Central .....	239.1	249.8	284.8	248.8	244.2	254.4	288.3	245.8	242.1	249.2	289.1	251.7	255.7	258.3	258.1
S. Atlantic .....	704.9	738.6	880.8	741.2	709.0	771.6	890.5	759.0	748.3	792.0	904.4	786.3	766.8	783.0	808.1
E. S. Central .....	206.0	217.7	261.6	216.4	206.5	224.7	264.9	220.2	215.7	227.2	266.6	227.8	225.5	229.2	234.4
W. S. Central .....	389.9	443.3	521.8	430.7	402.4	471.8	532.0	430.8	419.3	458.0	518.7	432.3	446.7	459.5	457.3
Mountain .....	217.1	230.5	265.3	227.8	225.7	251.8	275.6	226.8	225.9	240.7	270.8	231.4	235.3	245.1	242.3
Pacific Contig. ....	426.4	427.5	481.8	440.7	433.6	429.1	490.7	431.9	432.0	445.2	499.5	448.6	444.2	446.4	456.5
AK and HI .....	16.4	16.3	17.0	17.4	17.2	16.8	17.6	17.4	17.4	17.1	18.2	17.7	16.8	17.3	17.6
Total .....	3243.9	3358.4	3902.9	3353.4	3299.8	3484.6	3967.8	3374.2	3380.4	3502.3	3975.4	3456.3	3466.2	3533.0	3579.9
<b>Industrial</b>															
New England .....	65.1	67.0	71.7	66.0	61.1	62.0	66.1	65.7	62.7	65.8	66.0	66.5	67.4	63.8	65.3
Mid Atlantic .....	213.4	215.5	227.4	213.6	210.5	215.0	226.2	214.5	212.6	221.9	219.2	213.3	217.5	216.6	216.8
E. N. Central .....	579.7	598.8	602.3	587.0	571.4	579.2	601.4	586.1	585.1	593.3	598.6	584.9	592.0	584.6	590.5
W. N. Central .....	207.5	221.8	235.5	229.2	224.8	231.6	243.1	225.3	208.8	221.3	230.0	220.4	223.6	231.2	220.2
S. Atlantic .....	457.5	480.8	497.3	465.7	452.8	478.6	498.6	473.7	452.6	473.2	489.2	467.9	475.4	476.1	470.8
E. S. Central .....	353.0	353.6	340.0	353.2	352.4	353.3	352.7	353.8	356.5	356.0	354.8	357.2	349.9	353.1	356.1
W. S. Central .....	427.8	437.7	441.5	405.9	403.6	423.4	437.6	420.7	406.6	427.5	438.1	422.2	428.2	421.4	423.7
Mountain .....	186.2	197.4	214.4	188.7	188.6	208.8	221.8	196.3	191.6	207.9	212.2	196.4	196.7	203.9	202.1
Pacific Contig. ....	223.8	231.8	249.4	228.4	228.5	233.7	251.8	229.2	230.7	238.6	256.1	238.4	233.4	235.9	241.0
AK and HI .....	13.2	13.8	14.6	14.0	13.5	13.7	14.7	14.1	13.9	14.1	14.7	14.2	13.9	14.0	14.2
Total .....	2727.4	2818.0	2894.1	2751.6	2707.0	2799.3	2914.0	2779.7	2721.1	2819.7	2878.9	2781.3	2798.1	2800.5	2800.7
<b>Transportation</b>															
New England .....	2.1	1.7	1.8	1.8	1.7	1.4	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	12.1	11.8	10.7	12.5	11.3	11.8	11.2	12.8	12.0	11.7
E. N. Central .....	1.9	1.5	1.5	1.7	1.9	1.5	1.6	1.5	1.7	1.4	1.5	1.5	1.6	1.6	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	3.4	3.5	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	0.2	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	2.5	2.5	2.3	2.4	2.3	2.4	2.3	2.5	2.4	2.4
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	21.3	21.4	19.8	22.4	20.4	21.4	20.5	22.7	21.5	21.2
<b>Total</b>															
New England .....	352.0	324.9	382.3	337.8	344.6	320.7	375.5	338.4	353.5	327.7	374.1	338.7	349.3	344.9	348.5
Mid Atlantic .....	1038.8	947.7	1171.3	976.5	1023.0	959.7	1161.3	991.2	1059.1	992.1	1143.3	998.1	1033.8	1034.1	1048.3
E. N. Central .....	1605.0	1539.7	1784.4	1555.1	1593.2	1513.1	1784.4	1550.8	1639.6	1552.1	1764.2	1569.0	1621.3	1610.7	1631.4
W. N. Central .....	726.8	707.5	854.2	730.6	743.9	729.3	871.6	730.8	737.2	709.5	837.4	726.9	755.0	769.1	752.9
S. Atlantic .....	2118.7	2012.5	2538.5	2070.3	2089.3	2087.8	2531.9	2089.5	2211.5	2093.3	2505.4	2128.7	2185.8	2200.5	2235.2
E. S. Central .....	892.6	836.4	996.6	866.3	887.1	857.9	1016.9	871.4	916.9	858.0	1007.8	885.7	898.2	908.6	917.3
W. S. Central .....	1278.4	1355.2	1684.2	1303.9	1248.1	1417.1	1683.0	1338.8	1344.2	1359.2	1615.1	1342.2	1406.3	1422.7	1415.7
Mountain .....	618.8	637.8	781.2	629.5	637.8	692.9	807.8	639.9	655.3	672.1	779.7	652.1	667.2	694.9	690.0
Pacific Contig. ....	1077.7	1000.5	1130.6	1047.6	1095.3	1013.9	1165.5	1026.4	1081.9	1032.9	1173.6	1064.7	1064.2	1075.3	1088.5
AK and HI .....	44.8	43.6	45.5	46.2	46.1	44.1	46.3	45.8	46.6	44.9	47.5	46.1	45.0	45.6	46.3
Total .....	9753.5	9405.8	11368.7	9563.8	9708.3	9636.5	11444.2	9623.0	10046.0	9641.8	11248.1	9752.1	10026.1	10106.4	10174.1

<sup>a</sup> 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).

<sup>b</sup> Total of retail electricity sales by electric utilities and power marketers.

<sup>c</sup> 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.

<sup>d</sup> 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<sup>a</sup> 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
<b>Residential</b>															
New England.....	12.9	13.4	13.6	13.9	16.1	16.5	16.3	15.8	15.6	17.0	17.3	16.7	13.4	16.1	16.7
Mid Atlantic .....	11.4	12.4	13.3	12.9	12.5	13.4	14.3	13.7	13.4	14.5	15.0	14.1	12.5	13.5	14.2
E. N. Central .....	7.9	8.7	8.8	8.3	8.6	9.6	9.7	9.1	8.7	9.4	9.7	9.1	8.4	9.2	9.2
W. N. Central .....	7.0	8.2	8.5	7.5	7.4	8.5	8.9	8.2	8.1	8.8	9.1	8.4	7.8	8.3	8.6
S. Atlantic.....	8.3	8.9	9.2	8.9	9.2	9.9	10.1	9.7	9.3	10.1	10.4	9.9	8.8	9.7	9.9
E. S. Central.....	6.9	7.6	7.5	7.8	7.6	8.5	8.4	8.0	7.8	8.4	8.5	8.1	7.4	8.1	8.2
W. S. Central.....	8.7	9.9	10.5	10.6	10.7	11.5	11.8	11.3	10.9	12.1	12.5	11.9	10.0	11.4	11.9
Mountain .....	8.0	8.9	9.0	8.6	8.4	9.2	9.5	9.0	8.8	9.5	9.7	9.2	8.7	9.1	9.3
Pacific .....	9.4	10.2	10.9	9.9	10.5	11.7	13.0	11.7	11.2	11.9	12.6	11.8	10.1	11.7	11.9
Total.....	8.7	9.5	9.9	9.6	9.7	10.6	10.9	10.4	10.0	10.9	11.2	10.7	9.4	10.5	10.7
<b>Commercial</b>															
New England.....	11.5	11.8	12.5	12.5	14.7	14.4	14.9	14.1	13.9	14.8	15.5	14.8	12.1	14.5	14.8
Mid Atlantic .....	10.2	11.2	12.3	11.6	10.9	11.5	13.0	12.3	11.6	12.2	12.8	12.4	11.4	11.9	12.3
E. N. Central .....	7.4	7.8	8.0	7.9	7.9	8.3	8.4	8.1	8.0	8.4	8.6	8.2	7.8	8.2	8.3
W. N. Central .....	5.8	6.5	6.9	6.1	6.2	6.8	7.3	6.6	6.3	6.7	7.1	6.5	6.4	6.7	6.7
S. Atlantic.....	7.4	7.5	7.8	7.8	8.3	8.5	8.9	8.7	8.7	9.1	9.3	9.0	7.6	8.6	9.0
E. S. Central.....	6.9	7.2	7.2	7.6	7.7	8.1	8.0	7.8	7.7	8.1	8.4	8.0	7.2	7.9	8.1
W. S. Central.....	7.6	8.0	8.8	9.2	9.1	9.1	9.6	9.1	9.0	9.5	10.0	9.5	8.5	9.2	9.5
Mountain .....	7.0	7.6	7.7	7.6	7.3	7.7	7.7	7.6	7.6	7.9	8.2	7.8	7.5	7.6	7.9
Pacific .....	9.6	10.6	11.9	10.1	10.1	11.6	13.1	11.9	11.1	11.8	12.6	11.8	10.6	11.7	11.9
Total.....	8.2	8.6	9.2	8.9	9.0	9.4	10.0	9.5	9.3	9.7	10.2	9.7	8.7	9.5	9.8
<b>Industrial</b>															
New England.....	8.3	8.1	8.4	8.8	10.3	9.9	10.3	9.8	9.6	10.0	10.5	10.0	8.4	10.1	10.0
Mid Atlantic .....	6.3	6.5	7.3	7.0	7.1	7.3	7.8	7.3	7.5	7.7	8.2	7.6	6.8	7.4	7.8
E. N. Central .....	4.6	4.8	5.1	4.9	5.2	5.4	5.6	5.3	5.1	5.3	5.5	5.2	4.9	5.3	5.3
W. N. Central .....	4.4	4.8	5.2	4.5	4.6	4.9	5.4	4.9	4.9	5.0	5.4	5.0	4.7	5.0	5.1
S. Atlantic.....	4.7	4.8	5.4	5.2	5.1	5.3	5.7	5.6	5.4	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	5.0	5.5	5.0	4.9	5.1	5.5	5.0	4.4	5.0	5.1
W. S. Central.....	5.7	6.1	7.0	7.6	7.2	7.0	7.4	7.7	7.3	7.7	8.3	8.0	6.6	7.3	7.8
Mountain .....	4.9	5.3	5.8	5.5	5.2	5.4	5.7	5.5	5.3	5.7	6.1	5.7	5.4	5.5	5.7
Pacific .....	6.2	6.5	7.2	6.8	6.6	7.0	7.8	7.2	6.8	7.2	7.8	7.2	6.7	7.2	7.3
Total.....	5.1	5.4	6.0	5.8	5.8	6.0	6.4	6.1	5.9	6.2	6.6	6.2	5.6	6.1	6.2
<b>Total</b>															
New England.....	11.5	11.6	12.2	12.3	14.5	14.3	14.6	13.9	13.8	14.6	15.3	14.6	11.9	14.3	14.6
Mid Atlantic .....	9.8	10.5	11.7	11.0	10.7	11.1	12.4	11.7	11.4	11.9	12.7	12.0	10.8	11.5	12.0
E. N. Central .....	6.6	6.9	7.3	6.9	7.2	7.6	7.9	7.3	7.2	7.5	7.9	7.4	6.9	7.5	7.5
W. N. Central .....	5.8	6.5	7.1	6.1	6.2	6.7	7.4	6.6	6.6	6.9	7.4	6.7	6.4	6.8	6.9
S. Atlantic.....	7.2	7.4	8.0	7.7	8.0	8.3	8.8	8.4	8.3	8.7	9.1	8.6	7.6	8.4	8.7
E. S. Central.....	5.7	6.1	6.5	6.4	6.3	7.0	7.3	6.7	6.6	6.9	7.4	6.8	6.2	6.8	7.0
W. S. Central.....	7.3	8.1	9.1	9.2	9.0	9.3	10.0	9.4	9.2	9.8	10.6	9.9	8.5	9.5	9.9
Mountain .....	6.7	7.3	7.7	7.3	7.1	7.5	7.8	7.5	7.4	7.8	8.2	7.6	7.3	7.5	7.8
Pacific .....	8.8	9.5	10.5	9.3	9.5	10.6	11.9	10.8	10.2	10.8	11.5	10.8	9.6	10.7	10.8
Total.....	7.5	7.9	8.6	8.2	8.3	8.8	9.4	8.8	8.6	9.1	9.6	9.0	8.1	8.9	9.1

<sup>a</sup> 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 <sup>a</sup>															
Coal .....	<b>491.9</b>	<b>466.7</b>	<b>539.8</b>	<b>494.1</b>	<b>482.4</b>	<b>461.4</b>	<i>530.5</i>	<i>509.8</i>	<i>498.5</i>	<i>467.9</i>	<i>541.9</i>	<i>514.5</i>	<b>1992.5</b>	<i>1984.1</i>	<i>2022.8</i>
Petroleum.....	<b>25.8</b>	<b>22.9</b>	<b>38.3</b>	<b>28.8</b>	<b>13.8</b>	<b>13.7</b>	<i>21.3</i>	<i>18.9</i>	<i>23.0</i>	<i>20.9</i>	<i>26.4</i>	<i>20.6</i>	<b>115.8</b>	<i>67.7</i>	<i>90.8</i>
Natural Gas....	<b>129.1</b>	<b>161.7</b>	<b>244.3</b>	<b>139.9</b>	<b>124.3</b>	<b>182.7</b>	<i>268.0</i>	<i>150.5</i>	<i>139.5</i>	<i>170.6</i>	<i>233.8</i>	<i>151.3</i>	<b>675.1</b>	<i>725.5</i>	<i>695.2</i>
Other <sup>b</sup> .....	<b>272.4</b>	<b>273.8</b>	<b>285.9</b>	<b>268.0</b>	<b>289.2</b>	<b>292.1</b>	<i>290.9</i>	<i>270.3</i>	<i>288.6</i>	<i>293.0</i>	<i>296.1</i>	<i>277.5</i>	<b>1100.0</b>	<i>1142.6</i>	<i>1155.2</i>
Subtotal.....	<b>919.2</b>	<b>925.2</b>	<b>1108.2</b>	<b>930.8</b>	<b>909.7</b>	<b>949.9</b>	<i>1110.7</i>	<i>949.6</i>	<i>949.6</i>	<i>952.3</i>	<i>1098.2</i>	<i>963.9</i>	<b>3883.4</b>	<i>3919.9</i>	<i>3963.9</i>
Commercial															
Coal .....	<b>0.3</b>	<b>0.3</b>	<b>0.4</b>	<b>0.3</b>	<b>0.3</b>	<b>0.3</b>	<i>0.4</i>	<i>0.4</i>	<i>0.4</i>	<i>0.3</i>	<i>0.3</i>	<i>0.4</i>	<b>1.3</b>	<i>1.4</i>	<i>1.3</i>
Petroleum.....	<b>0.1</b>	<b>0.1</b>	<b>0.1</b>	<b>0.1</b>	<b>0.1</b>	<b>0.0</b>	<i>0.1</i>	<i>0.1</i>	<i>0.1</i>	<i>0.0</i>	<i>0.1</i>	<i>0.1</i>	<b>0.4</b>	<i>0.3</i>	<i>0.3</i>
Natural Gas....	<b>1.0</b>	<b>1.0</b>	<b>1.2</b>	<b>0.9</b>	<b>0.8</b>	<b>1.1</b>	<i>1.5</i>	<i>1.0</i>	<i>0.9</i>	<i>1.1</i>	<i>1.3</i>	<i>0.9</i>	<b>4.0</b>	<i>4.4</i>	<i>4.2</i>
Other <sup>b</sup> .....	<b>0.6</b>	<b>0.6</b>	<b>0.6</b>	<b>0.6</b>	<b>0.6</b>	<b>0.7</b>	<i>0.6</i>	<i>0.7</i>	<i>0.7</i>	<i>0.6</i>	<i>0.6</i>	<i>0.6</i>	<b>2.5</b>	<i>2.6</i>	<i>2.5</i>
Subtotal.....	<b>2.1</b>	<b>2.0</b>	<b>2.3</b>	<b>1.9</b>	<b>1.8</b>	<b>2.1</b>	<i>2.6</i>	<i>2.1</i>	<i>2.0</i>	<i>2.0</i>	<i>2.3</i>	<i>2.0</i>	<b>8.2</b>	<i>8.7</i>	<i>8.4</i>
Industrial															
Coal .....	<b>5.1</b>	<b>4.8</b>	<b>5.3</b>	<b>5.1</b>	<b>5.1</b>	<b>5.1</b>	<i>5.7</i>	<i>6.3</i>	<i>5.7</i>	<i>5.3</i>	<i>5.4</i>	<i>6.0</i>	<b>20.3</b>	<i>22.1</i>	<i>22.5</i>
Petroleum.....	<b>1.6</b>	<b>1.3</b>	<b>1.5</b>	<b>1.4</b>	<b>1.2</b>	<b>1.0</b>	<i>1.4</i>	<i>1.7</i>	<i>1.3</i>	<i>1.1</i>	<i>1.3</i>	<i>1.6</i>	<b>5.7</b>	<i>5.3</i>	<i>5.3</i>
Natural Gas....	<b>17.9</b>	<b>18.4</b>	<b>20.5</b>	<b>15.7</b>	<b>16.3</b>	<b>19.3</b>	<i>24.8</i>	<i>19.1</i>	<i>18.5</i>	<i>20.2</i>	<i>22.3</i>	<i>18.3</i>	<b>72.4</b>	<i>79.5</i>	<i>79.4</i>
Other <sup>b</sup> .....	<b>12.1</b>	<b>12.1</b>	<b>12.3</b>	<b>11.3</b>	<b>11.9</b>	<b>11.8</b>	<i>13.1</i>	<i>13.9</i>	<i>13.5</i>	<i>12.4</i>	<i>12.4</i>	<i>13.3</i>	<b>47.9</b>	<i>50.6</i>	<i>51.6</i>
Subtotal.....	<b>36.7</b>	<b>36.6</b>	<b>39.6</b>	<b>33.5</b>	<b>34.4</b>	<b>37.1</b>	<i>45.1</i>	<i>40.9</i>	<i>39.0</i>	<i>39.1</i>	<i>41.4</i>	<i>39.2</i>	<b>146.3</b>	<i>157.5</i>	<i>158.7</i>
Total.....	<b>957.9</b>	<b>963.8</b>	<b>1150.0</b>	<b>966.2</b>	<b>945.9</b>	<b>989.1</b>	<i>1158.1</i>	<i>992.6</i>	<i>990.6</i>	<i>993.4</i>	<i>1141.9</i>	<i>1005.1</i>	<b>4038.0</b>	<i>4085.7</i>	<i>4131.1</i>

<sup>a</sup>Electric utilities and independent power producers.

<sup>b</sup>"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 <sup>a</sup>															
Coal .....	5.11	4.84	5.64	5.15	5.01	4.79	5.54	5.34	5.19	4.88	5.65	5.38	<b>20.74</b>	20.67	21.11
Petroleum.....	<b>0.28</b>	<b>0.25</b>	<b>0.41</b>	<b>0.31</b>	<b>0.15</b>	<b>0.15</b>	0.23	0.20	0.24	0.21	0.27	0.21	<b>1.24</b>	0.73	0.94
Natural Gas.....	<b>1.09</b>	<b>1.41</b>	<b>2.15</b>	<b>1.19</b>	<b>1.05</b>	<b>1.59</b>	2.35	1.27	1.19	1.49	2.05	1.28	<b>5.84</b>	6.27	5.99
Other <sup>b</sup> .....	<b>2.92</b>	<b>2.93</b>	<b>3.06</b>	<b>2.87</b>	<b>3.09</b>	<b>3.11</b>	3.11	2.89	3.08	3.12	3.17	2.97	<b>11.78</b>	12.20	12.34
Subtotal.....	<b>9.40</b>	<b>9.43</b>	<b>11.26</b>	<b>9.52</b>	<b>9.31</b>	<b>9.64</b>	11.23	9.70	9.70	9.70	11.14	9.84	<b>39.61</b>	39.88	40.38
Commercial															
Coal .....	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	0.00	0.00	0.00	0.00	0.00	0.00	<b>0.02</b>	0.02	0.02
Petroleum.....	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	0.00	0.00	0.00	0.00	0.00	0.00	<b>0.01</b>	0.00	0.00
Natural Gas.....	<b>0.01</b>	<b>0.01</b>	<b>0.01</b>	<b>0.01</b>	<b>0.01</b>	<b>0.01</b>	0.02	0.01	0.01	0.01	0.01	0.01	<b>0.05</b>	0.05	0.05
Other <sup>b</sup> .....	<b>0.01</b>	<b>0.01</b>	<b>0.01</b>	<b>0.01</b>	<b>0.01</b>	<b>0.01</b>	0.01	0.01	0.01	0.01	0.01	0.01	<b>0.03</b>	0.04	0.04
Subtotal.....	<b>0.02</b>	<b>0.02</b>	<b>0.03</b>	<b>0.02</b>	<b>0.02</b>	<b>0.03</b>	0.03	0.03	0.03	0.03	0.03	0.03	<b>0.10</b>	0.11	0.11
Industrial															
Coal .....	<b>0.07</b>	<b>0.06</b>	<b>0.07</b>	<b>0.07</b>	<b>0.07</b>	<b>0.06</b>	0.07	0.08	0.07	0.07	0.07	0.08	<b>0.27</b>	0.28	0.29
Petroleum.....	<b>0.02</b>	<b>0.02</b>	<b>0.02</b>	<b>0.02</b>	<b>0.02</b>	<b>0.01</b>	0.02	0.02	0.02	0.01	0.02	0.02	<b>0.08</b>	0.07	0.07
Natural Gas.....	<b>0.19</b>	<b>0.20</b>	<b>0.21</b>	<b>0.16</b>	<b>0.17</b>	<b>0.19</b>	0.25	0.19	0.19	0.21	0.23	0.18	<b>0.76</b>	0.80	0.80
Other <sup>b</sup> .....	<b>0.18</b>	<b>0.17</b>	<b>0.17</b>	<b>0.16</b>	<b>0.18</b>	<b>0.17</b>	0.19	0.20	0.19	0.18	0.18	0.19	<b>0.69</b>	0.73	0.73
Subtotal.....	<b>0.47</b>	<b>0.45</b>	<b>0.48</b>	<b>0.41</b>	<b>0.43</b>	<b>0.43</b>	0.53	0.50	0.47	0.46	0.49	0.47	<b>1.80</b>	1.88	1.89
Total.....	<b>9.89</b>	<b>9.90</b>	<b>11.76</b>	<b>9.95</b>	<b>9.76</b>	<b>10.10</b>	11.79	10.23	10.19	10.19	11.66	10.35	<b>41.50</b>	41.87	42.39
(Physical Units)															
Electric Power <sup>a</sup>															
Coal (mmst).....	<b>256.0</b>	<b>242.4</b>	<b>282.3</b>	<b>257.7</b>	<b>250.8</b>	<b>239.7</b>	277.4	267.1	260.1	244.2	283.0	269.5	<b>2.84</b>	2.84	2.90
Petroleum (mmbd) ..	<b>0.50</b>	<b>0.44</b>	<b>0.72</b>	<b>0.54</b>	<b>0.28</b>	<b>0.27</b>	0.41	0.36	0.43	0.38	0.48	0.38	<b>0.55</b>	0.33	0.42
Natural Gas (tcf).....	<b>1.06</b>	<b>1.37</b>	<b>2.09</b>	<b>1.16</b>	<b>1.02</b>	<b>1.55</b>	2.28	1.24	1.15	1.44	1.99	1.24	<b>5.68</b>	6.09	5.83
Commercial															
Coal (mmst).....	<b>0.19</b>	<b>0.18</b>	<b>0.20</b>	<b>0.18</b>	<b>0.19</b>	<b>0.16</b>	0.20	0.21	0.20	0.15	0.19	0.20	<b>0.00</b>	0.00	0.00
Petroleum (mmbd) ..	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	0.00	0.00	0.00	0.00	0.00	0.00	<b>0.00</b>	0.00	0.00
Natural Gas (tcf).....	<b>0.01</b>	<b>0.01</b>	<b>0.01</b>	<b>0.01</b>	<b>0.01</b>	<b>0.01</b>	0.02	0.01	0.01	0.01	0.01	0.01	<b>0.05</b>	0.05	0.05
Industrial															
Coal (mmst).....	<b>3.07</b>	<b>2.89</b>	<b>3.09</b>	<b>3.03</b>	<b>3.02</b>	<b>2.83</b>	3.23	3.65	3.30	3.07	3.08	3.48	<b>12.08</b>	12.73	12.92
Petroleum (mmbd) ..	<b>0.04</b>	<b>0.03</b>	<b>0.04</b>	<b>0.03</b>	<b>0.03</b>	<b>0.02</b>	0.03	0.04	0.03	0.03	0.03	0.04	<b>0.04</b>	0.03	0.03
Natural Gas (tcf).....	<b>0.19</b>	<b>0.19</b>	<b>0.21</b>	<b>0.16</b>	<b>0.16</b>	<b>0.18</b>	0.25	0.19	0.18	0.20	0.22	0.18	<b>0.74</b>	0.78	0.78

<sup>a</sup> Electric utilities and independent power producers.

<sup>b</sup> "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
<b>Electricity Sector</b>							
Hydroelectric Power <sup>a</sup> .....	<b>2.656</b>	<b>2.682</b>	<i>2.967</i>	<i>2.795</i>	<b>1.0</b>	<i>10.6</i>	<i>-5.8</i>
Geothermal, Solar and Wind Energy ...	<b>0.459</b>	<b>0.473</b>	<i>0.532</i>	<i>0.622</i>	<b>3.1</b>	<i>12.5</i>	<i>16.9</i>
Biofuels <sup>b</sup> .....	<b>0.510</b>	<b>0.531</b>	<i>0.534</i>	<i>0.531</i>	<b>4.1</b>	<i>0.6</i>	<i>-0.6</i>
Total .....	<b>3.625</b>	<b>3.686</b>	<i>4.033</i>	<i>3.949</i>	<b>1.7</b>	<i>9.4</i>	<i>-2.1</i>
<b>Other Sectors <sup>c</sup></b>							
Residential and Commercial <sup>d</sup> .....	<b>0.622</b>	<b>0.625</b>	<i>0.607</i>	<i>0.625</i>	<b>0.5</b>	<i>-2.9</i>	<i>3.0</i>
Residential .....	<b>0.483</b>	<b>0.495</b>	<i>0.474</i>	<i>0.481</i>	<b>2.5</b>	<i>-4.2</i>	<i>1.5</i>
Commercial .....	<b>0.139</b>	<b>0.130</b>	<i>0.133</i>	<i>0.144</i>	<b>-6.5</b>	<i>2.3</i>	<i>8.3</i>
Industrial <sup>e</sup> .....	<b>1.674</b>	<b>1.410</b>	<i>1.550</i>	<i>1.449</i>	<b>-15.8</b>	<i>9.9</i>	<i>-6.5</i>
Transportation <sup>f</sup> .....	<b>0.296</b>	<b>0.340</b>	<i>0.440</i>	<i>0.531</i>	<b>14.9</b>	<i>29.4</i>	<i>20.7</i>
Total .....	<b>2.592</b>	<b>2.375</b>	<i>2.597</i>	<i>2.605</i>	<b>-8.4</b>	<i>9.3</i>	<i>0.3</i>
Total Renewable Energy Demand .....	<b>6.217</b>	<b>6.061</b>	<i>6.630</i>	<i>6.554</i>	<b>-2.5</b>	<i>9.4</i>	<i>-1.1</i>

<sup>a</sup> Conventional hydroelectric power only. Hydroelectricity generated by pumped storage is not included in renewable energy.

<sup>b</sup> Biofuels are fuelwood, wood byproducts, waste wood, municipal solid waste, manufacturing process waste, and alcohol fuels.

<sup>c</sup> 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.

<sup>d</sup> Includes biofuels and solar energy consumed in the residential and commercial sectors.

<sup>e</sup> Consists primarily of biofuels for use other than in electricity cogeneration.

<sup>f</sup> 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
<b>Real Gross Domestic Product (GDP)</b> (billion chained 2000 dollars) .....	<b>7533</b>	<b>7835</b>	<b>8032</b>	<b>8329</b>	<b>8704</b>	<b>9067</b>	<b>9470</b>	<b>9817</b>	<b>9891</b>	<b>10049</b>	<b>10301</b>	<b>10704</b>	<b>11049</b>	<i>11413</i>	<i>11683</i>
Imported Crude Oil Price <sup>a</sup> (nominal dollars per barrel) .....	<b>16.13</b>	<b>15.53</b>	<b>17.14</b>	<b>20.62</b>	<b>18.49</b>	<b>12.07</b>	<b>17.26</b>	<b>27.72</b>	<b>22.00</b>	<b>23.71</b>	<b>27.73</b>	<b>35.99</b>	<b>48.94</b>	<i>58.97</i>	<i>57.66</i>
<b>Petroleum Supply</b>															
Crude Oil Production <sup>b</sup> (million barrels per day).....	<b>6.85</b>	<b>6.66</b>	<b>6.56</b>	<b>6.46</b>	<b>6.45</b>	<b>6.25</b>	<b>5.88</b>	<b>5.82</b>	<b>5.80</b>	<b>5.75</b>	<b>5.68</b>	<b>5.42</b>	<b>5.18</b>	<i>5.18</i>	<i>5.43</i>
Total Petroleum Net Imports (including SPR) (million barrels per day) .....	<b>7.63</b>	<b>8.07</b>	<b>7.89</b>	<b>8.50</b>	<b>9.16</b>	<b>9.76</b>	<b>9.92</b>	<b>10.43</b>	<b>10.91</b>	<b>10.56</b>	<b>11.19</b>	<b>12.10</b>	<b>12.55</b>	<i>12.30</i>	<i>12.15</i>
<b>Energy Demand</b>															
Petroleum (million barrels per day) .....	<b>17.24</b>	<b>17.72</b>	<b>17.72</b>	<b>18.31</b>	<b>18.62</b>	<b>18.92</b>	<b>19.52</b>	<b>19.70</b>	<b>19.65</b>	<b>19.76</b>	<b>20.03</b>	<b>20.73</b>	<b>20.80</b>	<i>20.68</i>	<i>20.99</i>
Natural Gas (trillion cubic feet).....	<b>20.79</b>	<b>21.25</b>	<b>22.21</b>	<b>22.60</b>	<b>22.73</b>	<b>22.25</b>	<b>22.41</b>	<b>23.45</b>	<b>22.24</b>	<b>23.01</b>	<b>22.28</b>	<b>22.43</b>	<b>21.93</b>	<i>21.88</i>	<i>22.17</i>
Coal (million short tons) .....	<b>944</b>	<b>951</b>	<b>962</b>	<b>1006</b>	<b>1030</b>	<b>1037</b>	<b>1039</b>	<b>1084</b>	<b>1060</b>	<b>1066</b>	<b>1095</b>	<b>1107</b>	<b>1127</b>	<i>1126</i>	<i>1148</i>
Electricity (billion kilowatthours)															
Retail Sales <sup>c</sup> .....	<b>2861</b>	<b>2935</b>	<b>3013</b>	<b>3101</b>	<b>3146</b>	<b>3264</b>	<b>3312</b>	<b>3421</b>	<b>3382</b>	<b>3466</b>	<b>3489</b>	<b>3548</b>	<b>3660</b>	<i>3689</i>	<i>3714</i>
Other Use/Sales <sup>d</sup> .....	<b>128</b>	<b>134</b>	<b>144</b>	<b>146</b>	<b>148</b>	<b>161</b>	<b>183</b>	<b>171</b>	<b>163</b>	<b>166</b>	<b>168</b>	<b>168</b>	<b>161</b>	<i>172</i>	<i>184</i>
Total .....	<b>2989</b>	<b>3069</b>	<b>3157</b>	<b>3247</b>	<b>3294</b>	<b>3425</b>	<b>3495</b>	<b>3592</b>	<b>3545</b>	<b>3632</b>	<b>3658</b>	<b>3717</b>	<b>3820</b>	<i>3861</i>	<i>3898</i>
Total Energy Demand <sup>e</sup> (quadrillion Btu) .....	<b>87.6</b>	<b>89.3</b>	<b>91.3</b>	<b>94.3</b>	<b>94.8</b>	<b>95.2</b>	<b>96.8</b>	<b>99.0</b>	<b>96.5</b>	<b>97.9</b>	<b>98.3</b>	<b>99.7</b>	<b>99.4</b>	<i>99.5</i>	<i>100.9</i>
Total Energy Demand per Dollar of GDP (thousand Btu per 2000 Dollar).....	<b>11.63</b>	<b>11.39</b>	<b>11.36</b>	<b>11.32</b>	<b>10.89</b>	<b>10.50</b>	<b>10.23</b>	<b>10.10</b>	<b>9.75</b>	<b>9.74</b>	<b>9.54</b>	<b>9.32</b>	<b>9.00</b>	<i>8.72</i>	<i>8.64</i>

<sup>a</sup> Refers to the imported cost of crude oil to U.S. refiners.

<sup>b</sup> Includes lease condensate.

<sup>c</sup> 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.

<sup>d</sup> 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.

<sup>e</sup> "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, October 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
<b>Macroeconomic</b>															
Real Gross Domestic Product (billion chained 2000 dollars) .....	<b>7533</b>	<b>7835</b>	<b>8032</b>	<b>8329</b>	<b>8704</b>	<b>9067</b>	<b>9470</b>	<b>9817</b>	<b>9891</b>	<b>10049</b>	<b>10301</b>	<b>10704</b>	<b>11049</b>	<i>11413</i>	<i>11683</i>
GDP Implicit Price Deflator (Index, 2000=100).....	<b>88.4</b>	<b>90.3</b>	<b>92.1</b>	<b>93.9</b>	<b>95.4</b>	<b>96.5</b>	<b>97.9</b>	<b>100.0</b>	<b>102.4</b>	<b>104.2</b>	<b>106.4</b>	<b>109.4</b>	<b>112.7</b>	<i>116.1</i>	<i>118.5</i>
Real Disposable Personal Income (billion chained 2000 Dollars).....	<b>5594</b>	<b>5746</b>	<b>5906</b>	<b>6081</b>	<b>6296</b>	<b>6664</b>	<b>6862</b>	<b>7194</b>	<b>7333</b>	<b>7562</b>	<b>7730</b>	<b>8011</b>	<b>8105</b>	<i>8371</i>	<i>8663</i>
Manufacturing Production (Index, 1997=100).....	<b>69.1</b>	<b>73.5</b>	<b>77.6</b>	<b>81.4</b>	<b>88.3</b>	<b>94.2</b>	<b>99.3</b>	<b>104.0</b>	<b>99.7</b>	<b>100.0</b>	<b>100.7</b>	<b>105.8</b>	<b>109.9</b>	<i>115.6</i>	<i>118.4</i>
Real Fixed Investment (billion chained 2000 dollars) .....	<b>953</b>	<b>1042</b>	<b>1110</b>	<b>1209</b>	<b>1321</b>	<b>1455</b>	<b>1576</b>	<b>1679</b>	<b>1629</b>	<b>1545</b>	<b>1597</b>	<b>1714</b>	<b>1842</b>	<i>1904</i>	<i>1887</i>
Business Inventory Change (billion chained 2000 dollars) .....	<b>3.4</b>	<b>11.5</b>	<b>13.4</b>	<b>9.7</b>	<b>20.7</b>	<b>18.6</b>	<b>17.0</b>	<b>7.9</b>	<b>-21.3</b>	<b>-5.9</b>	<b>-9.4</b>	<b>-0.4</b>	<b>-2.4</b>	<i>9.6</i>	<i>2.7</i>
Producer Price Index (index, 1982=1.000) .....	<b>1.189</b>	<b>1.205</b>	<b>1.248</b>	<b>1.277</b>	<b>1.276</b>	<b>1.244</b>	<b>1.255</b>	<b>1.328</b>	<b>1.342</b>	<b>1.311</b>	<b>1.381</b>	<b>1.467</b>	<b>1.574</b>	<i>1.642</i>	<i>1.675</i>
Consumer Price Index (index, 1982-1984=1.000).....	<b>1.445</b>	<b>1.482</b>	<b>1.524</b>	<b>1.569</b>	<b>1.605</b>	<b>1.630</b>	<b>1.666</b>	<b>1.722</b>	<b>1.770</b>	<b>1.799</b>	<b>1.840</b>	<b>1.889</b>	<b>1.953</b>	<i>2.016</i>	<i>2.058</i>
Petroleum Product Price Index (index, 1982=1.000) .....	<b>0.620</b>	<b>0.591</b>	<b>0.608</b>	<b>0.701</b>	<b>0.680</b>	<b>0.513</b>	<b>0.609</b>	<b>0.913</b>	<b>0.853</b>	<b>0.795</b>	<b>0.977</b>	<b>1.199</b>	<b>1.650</b>	<i>1.863</i>	<i>1.812</i>
Non-Farm Employment (millions).....	<b>110.8</b>	<b>114.3</b>	<b>117.3</b>	<b>119.7</b>	<b>122.8</b>	<b>125.9</b>	<b>129.0</b>	<b>131.8</b>	<b>131.8</b>	<b>130.3</b>	<b>130.0</b>	<b>131.4</b>	<b>133.5</b>	<i>135.3</i>	<i>136.7</i>
Commercial Employment (millions).....	<b>68.1</b>	<b>70.6</b>	<b>73.1</b>	<b>75.1</b>	<b>77.6</b>	<b>80.0</b>	<b>82.5</b>	<b>84.6</b>	<b>85.1</b>	<b>84.6</b>	<b>85.0</b>	<b>86.3</b>	<b>87.8</b>	<i>89.2</i>	<i>90.7</i>
Total Industrial Production (index, 1997=100.0) .....	<b>72.6</b>	<b>76.5</b>	<b>80.2</b>	<b>83.6</b>	<b>89.7</b>	<b>94.9</b>	<b>99.3</b>	<b>103.5</b>	<b>99.9</b>	<b>100.0</b>	<b>100.6</b>	<b>104.7</b>	<b>108.1</b>	<i>112.8</i>	<i>115.3</i>
Housing Stock (millions).....	<b>104.4</b>	<b>106.0</b>	<b>107.2</b>	<b>108.7</b>	<b>110.2</b>	<b>111.9</b>	<b>113.0</b>	<b>114.0</b>	<b>115.2</b>	<b>116.3</b>	<b>117.6</b>	<b>119.1</b>	<b>120.5</b>	<i>121.9</i>	<i>123.1</i>
<b>Weather <sup>a</sup></b>															
Heating Degree-Days															
U.S. ....	<b>4671</b>	<b>4470</b>	<b>4516</b>	<b>4689</b>	<b>4525</b>	<b>3946</b>	<b>4154</b>	<b>4447</b>	<b>4193</b>	<b>4272</b>	<b>4459</b>	<b>4289</b>	<b>4315</b>	<i>4171</i>	<i>4451</i>
New England.....	<b>6803</b>	<b>6748</b>	<b>6632</b>	<b>6749</b>	<b>6726</b>	<b>5743</b>	<b>6013</b>	<b>6584</b>	<b>6112</b>	<b>6098</b>	<b>6847</b>	<b>6612</b>	<b>6550</b>	<i>6262</i>	<i>6584</i>
Middle Atlantic.....	<b>6039</b>	<b>6083</b>	<b>5967</b>	<b>6118</b>	<b>5942</b>	<b>4924</b>	<b>5495</b>	<b>5942</b>	<b>5438</b>	<b>5371</b>	<b>6097</b>	<b>5749</b>	<b>5804</b>	<i>5354</i>	<i>5874</i>
U.S. Gas-Weighted.....	<b>5062</b>	<b>4861</b>	<b>4905</b>	<b>5092</b>	<b>4911</b>	<b>4271</b>	<b>4510</b>	<b>4796</b>	<b>4534</b>	<b>4635</b>	<b>4828</b>	<b>4641</b>	<b>4660</b>	<i>4506</i>	<i>4768</i>
Cooling Degree-Days (U.S.) .....	<b>1251</b>	<b>1254</b>	<b>1322</b>	<b>1216</b>	<b>1195</b>	<b>1438</b>	<b>1328</b>	<b>1268</b>	<b>1288</b>	<b>1398</b>	<b>1292</b>	<b>1232</b>	<b>1395</b>	<i>1408</i>	<i>1239</i>

<sup>a</sup> 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 October 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
<b>Production</b>															
Coal .....	20.25	22.11	22.03	22.68	23.21	23.94	23.19	22.62	23.49	22.62	21.97	22.71	23.01	23.55	23.46
Natural Gas.....	18.58	19.35	19.08	19.27	19.32	19.61	19.34	19.66	20.20	19.44	19.69	19.26	18.79	19.03	19.10
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	10.96	10.97	11.50
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	2.33	2.36	2.40
Nuclear .....	6.41	6.69	7.08	7.09	6.60	7.07	7.61	7.86	8.03	8.14	7.96	8.22	8.13	8.20	8.39
Hydroelectric.....	2.85	2.65	3.18	3.56	3.60	3.25	3.21	2.75	2.15	2.60	2.74	2.61	2.65	2.94	2.77
Other Renewables.....	3.30	3.39	3.41	3.52	3.47	3.27	3.33	3.36	3.11	3.24	3.32	3.53	3.35	3.61	3.72
Total.....	68.29	70.68	71.11	72.37	72.35	72.79	71.65	71.23	71.82	70.77	70.05	70.30	69.22	70.65	71.34
<b>Net Imports</b>															
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	-0.51	-0.34	-0.26
Natural Gas.....	2.25	2.52	2.74	2.85	2.90	3.06	3.50	3.62	3.69	3.58	3.36	3.50	3.71	3.49	3.58
Crude Oil.....	13.46	12.42	13.60	14.58	15.71	15.30	16.40	17.50	18.50	18.85	19.86	20.79	20.81	20.73	20.51
Petroleum Products .....	1.83	1.80	1.36	1.82	1.55	1.59	1.82	2.14	2.44	2.33	2.52	3.11	3.70	3.19	3.06
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	0.08	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	0.05	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	27.01	27.83	27.20	27.00
<b>Adjustments <sup>a</sup></b> .....	1.74	1.60	2.32	1.62	3.56	3.70	2.91	3.31	3.12	1.32	2.66	0.85	0.80	0.09	0.98
<b>Demand</b>															
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	22.80	22.83	23.24
Natural Gas.....	20.84	21.35	21.84	22.78	23.20	23.33	22.94	23.01	23.92	22.91	23.66	22.51	22.06	21.99	22.30
Petroleum .....	33.83	34.66	34.56	35.76	36.27	36.93	37.96	38.40	38.33	38.41	39.06	40.60	40.74	40.35	41.00
Nuclear .....	6.41	6.69	7.08	7.09	6.60	7.07	7.61	7.86	8.03	8.14	7.96	8.22	8.13	8.20	8.39
Other.....	5.04	4.96	5.69	4.59	6.72	5.74	5.02	4.92	6.68	4.70	4.54	4.36	4.12	4.57	4.39
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	97.86	97.95	99.32

<sup>a</sup> 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
<b>Crude Oil Prices</b> (dollars per barrel)															
Imported Average <sup>a</sup> .....	<b>16.13</b>	<b>15.53</b>	<b>17.14</b>	<b>20.62</b>	<b>18.49</b>	<b>12.07</b>	<b>17.26</b>	<b>27.72</b>	<b>22.00</b>	<b>23.71</b>	<b>27.73</b>	<b>35.99</b>	<b>48.94</b>	<i>58.97</i>	<i>57.66</i>
WTI <sup>b</sup> Spot Average.....	<b>18.49</b>	<b>17.16</b>	<b>18.41</b>	<b>22.11</b>	<b>20.61</b>	<b>14.45</b>	<b>19.25</b>	<b>30.29</b>	<b>25.95</b>	<b>26.12</b>	<b>31.12</b>	<b>41.44</b>	<b>56.49</b>	<i>66.26</i>	<i>65.17</i>
<b>Natural Gas</b> (dollars per thousand cubic feet)															
Average Wellhead.....	<b>2.04</b>	<b>1.85</b>	<b>1.55</b>	<b>2.17</b>	<b>2.32</b>	<b>1.96</b>	<b>2.19</b>	<b>3.70</b>	<b>4.01</b>	<b>2.95</b>	<b>4.89</b>	<b>5.45</b>	<b>7.45</b>	<i>6.50</i>	<i>7.08</i>
Henry Hub Spot .....	<b>2.19</b>	<b>1.97</b>	<b>1.74</b>	<b>2.84</b>	<b>2.57</b>	<b>2.15</b>	<b>2.34</b>	<b>4.45</b>	<b>4.08</b>	<b>3.46</b>	<b>5.64</b>	<b>6.08</b>	<b>8.86</b>	<i>7.06</i>	<i>7.79</i>
<b>Petroleum Products</b>															
Gasoline Retail <sup>c</sup> (dollars per gallon)															
All Grades .....	<b>1.13</b>	<b>1.13</b>	<b>1.16</b>	<b>1.25</b>	<b>1.24</b>	<b>1.07</b>	<b>1.18</b>	<b>1.53</b>	<b>1.47</b>	<b>1.39</b>	<b>1.60</b>	<b>1.89</b>	<b>2.31</b>	<i>2.62</i>	<i>2.53</i>
Regular Unleaded.....	<b>1.07</b>	<b>1.07</b>	<b>1.11</b>	<b>1.20</b>	<b>1.20</b>	<b>1.03</b>	<b>1.13</b>	<b>1.49</b>	<b>1.43</b>	<b>1.34</b>	<b>1.56</b>	<b>1.85</b>	<b>2.27</b>	<i>2.57</i>	<i>2.48</i>
No. 2 Diesel Oil, Retail (dollars per gallon) .....															
	<b>1.11</b>	<b>1.11</b>	<b>1.11</b>	<b>1.24</b>	<b>1.19</b>	<b>1.04</b>	<b>1.13</b>	<b>1.49</b>	<b>1.41</b>	<b>1.32</b>	<b>1.50</b>	<b>1.81</b>	<b>2.41</b>	<i>2.70</i>	<i>2.63</i>
No. 2 Heating Oil, Wholesale (dollars per gallon) .....															
	<b>0.54</b>	<b>0.51</b>	<b>0.51</b>	<b>0.64</b>	<b>0.59</b>	<b>0.42</b>	<b>0.49</b>	<b>0.89</b>	<b>0.76</b>	<b>0.69</b>	<b>0.88</b>	<b>1.12</b>	<b>1.63</b>	<i>1.85</i>	<i>1.85</i>
No. 2 Heating Oil, Retail (dollars per gallon) .....															
	<b>NA</b>	<b>NA</b>	<b>0.87</b>	<b>0.99</b>	<b>0.98</b>	<b>0.85</b>	<b>0.87</b>	<b>1.31</b>	<b>1.25</b>	<b>1.13</b>	<b>1.36</b>	<b>1.54</b>	<b>2.04</b>	<i>2.34</i>	<i>2.35</i>
No. 6 Residual Fuel Oil, Retail <sup>d</sup> (dollars per barrel).....															
	<b>14.00</b>	<b>14.79</b>	<b>16.49</b>	<b>19.01</b>	<b>17.82</b>	<b>12.83</b>	<b>16.02</b>	<b>25.34</b>	<b>22.24</b>	<b>23.82</b>	<b>29.40</b>	<b>31.10</b>	<b>44.43</b>	<i>52.08</i>	<i>50.59</i>
<b>Electric Power Sector</b> (dollars per million Btu)															
Coal.....	<b>1.38</b>	<b>1.36</b>	<b>1.32</b>	<b>1.29</b>	<b>1.27</b>	<b>1.25</b>	<b>1.22</b>	<b>1.20</b>	<b>1.23</b>	<b>1.25</b>	<b>1.28</b>	<b>1.36</b>	<b>1.54</b>	<i>1.68</i>	<i>1.66</i>
Heavy Fuel Oil <sup>e</sup> .....	<b>2.36</b>	<b>2.40</b>	<b>2.60</b>	<b>3.01</b>	<b>2.79</b>	<b>2.07</b>	<b>2.38</b>	<b>4.27</b>	<b>3.73</b>	<b>3.67</b>	<b>4.77</b>	<b>4.86</b>	<b>7.11</b>	<i>7.81</i>	<i>7.93</i>
Natural Gas.....	<b>2.56</b>	<b>2.23</b>	<b>1.98</b>	<b>2.64</b>	<b>2.76</b>	<b>2.38</b>	<b>2.57</b>	<b>4.34</b>	<b>4.44</b>	<b>3.55</b>	<b>5.37</b>	<b>5.94</b>	<b>8.21</b>	<i>6.85</i>	<i>7.50</i>
<b>Other Residential</b>															
Natural Gas (dollars per thousand cubic feet).....															
	<b>6.17</b>	<b>6.41</b>	<b>6.06</b>	<b>6.35</b>	<b>6.95</b>	<b>6.83</b>	<b>6.69</b>	<b>7.77</b>	<b>9.63</b>	<b>7.90</b>	<b>9.63</b>	<b>10.75</b>	<b>12.81</b>	<i>13.56</i>	<i>13.04</i>
Electricity (cents per kilowatthour).....															
	<b>8.32</b>	<b>8.38</b>	<b>8.40</b>	<b>8.36</b>	<b>8.43</b>	<b>8.26</b>	<b>8.17</b>	<b>8.24</b>	<b>8.63</b>	<b>8.46</b>	<b>8.70</b>	<b>8.97</b>	<b>9.43</b>	<i>10.45</i>	<i>10.72</i>

<sup>a</sup> Refiner acquisition cost (RAC) of imported crude oil.

<sup>b</sup> West Texas Intermediate.

<sup>c</sup> Average self-service cash prices.

<sup>d</sup> Average for all sulfur contents.

<sup>e</sup> 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
<b>Supply</b>															
Crude Oil Supply															
Domestic Production <sup>a</sup>	<b>6.85</b>	<b>6.66</b>	<b>6.56</b>	<b>6.46</b>	<b>6.45</b>	<b>6.25</b>	<b>5.88</b>	<b>5.82</b>	<b>5.80</b>	<b>5.75</b>	<b>5.68</b>	<b>5.42</b>	<b>5.18</b>	<i>5.18</i>	<i>5.43</i>
Alaska	<b>1.58</b>	<b>1.56</b>	<b>1.48</b>	<b>1.39</b>	<b>1.30</b>	<b>1.17</b>	<b>1.05</b>	<b>0.97</b>	<b>0.96</b>	<b>0.98</b>	<b>0.97</b>	<b>0.91</b>	<b>0.86</b>	<i>0.76</i>	<i>0.79</i>
Federal GOM <sup>b</sup>	<b>0.83</b>	<b>0.86</b>	<b>0.95</b>	<b>1.01</b>	<b>1.13</b>	<b>1.22</b>	<b>1.36</b>	<b>1.43</b>	<b>1.53</b>	<b>1.55</b>	<b>1.54</b>	<b>1.46</b>	<b>1.26</b>	<i>1.38</i>	<i>1.56</i>
Other Lower 48	<b>4.43</b>	<b>4.24</b>	<b>4.13</b>	<b>4.06</b>	<b>4.03</b>	<b>3.86</b>	<b>3.47</b>	<b>3.42</b>	<b>3.31</b>	<b>3.21</b>	<b>3.17</b>	<b>3.05</b>	<b>3.06</b>	<i>3.05</i>	<i>3.09</i>
Net Commercial Imports <sup>c</sup>	<b>6.69</b>	<b>6.96</b>	<b>7.14</b>	<b>7.40</b>	<b>8.12</b>	<b>8.60</b>	<b>8.61</b>	<b>9.02</b>	<b>9.31</b>	<b>9.13</b>	<b>9.65</b>	<b>10.06</b>	<b>10.09</b>	<i>10.06</i>	<i>9.95</i>
Net SPR Withdrawals	<b>-0.08</b>	<b>-0.01</b>	<b>0.00</b>	<b>0.07</b>	<b>0.01</b>	<b>-0.02</b>	<b>0.01</b>	<b>0.07</b>	<b>-0.03</b>	<b>-0.13</b>	<b>-0.11</b>	<b>-0.10</b>	<b>-0.02</b>	<i>-0.02</i>	<i>-0.01</i>
Net Commercial Withdrawals	<b>0.00</b>	<b>-0.01</b>	<b>0.09</b>	<b>0.05</b>	<b>-0.06</b>	<b>-0.05</b>	<b>0.11</b>	<b>0.00</b>	<b>-0.07</b>	<b>0.09</b>	<b>0.02</b>	<b>-0.05</b>	<b>-0.10</b>	<i>0.01</i>	<i>0.05</i>
Product Supplied and Losses	<b>-0.01</b>	<b>-0.01</b>	<b>-0.01</b>	<b>-0.01</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<i>0.00</i>	<i>0.00</i>
Unaccounted-for Crude Oil	<b>0.17</b>	<b>0.27</b>	<b>0.19</b>	<b>0.22</b>	<b>0.14</b>	<b>0.11</b>	<b>0.19</b>	<b>0.15</b>	<b>0.12</b>	<b>0.11</b>	<b>0.05</b>	<b>0.14</b>	<b>0.08</b>	<i>0.04</i>	<i>0.10</i>
Total Crude Oil Supply	<b>13.61</b>	<b>13.87</b>	<b>13.97</b>	<b>14.19</b>	<b>14.66</b>	<b>14.89</b>	<b>14.80</b>	<b>15.07</b>	<b>15.13</b>	<b>14.95</b>	<b>15.30</b>	<b>15.48</b>	<b>15.22</b>	<i>15.28</i>	<i>15.52</i>
Other Supply															
NGL Production	<b>1.74</b>	<b>1.73</b>	<b>1.76</b>	<b>1.83</b>	<b>1.82</b>	<b>1.76</b>	<b>1.85</b>	<b>1.91</b>	<b>1.87</b>	<b>1.88</b>	<b>1.72</b>	<b>1.81</b>	<b>1.72</b>	<i>1.74</i>	<i>1.76</i>
Other Hydrocarbon and Alcohol Inputs	<b>0.25</b>	<b>0.26</b>	<b>0.30</b>	<b>0.31</b>	<b>0.34</b>	<b>0.38</b>	<b>0.38</b>	<b>0.38</b>	<b>0.38</b>	<b>0.42</b>	<b>0.42</b>	<b>0.42</b>	<b>0.44</b>	<i>0.48</i>	<i>0.47</i>
Crude Oil Product Supplied	<b>0.01</b>	<b>0.01</b>	<b>0.01</b>	<b>0.01</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<i>0.00</i>	<i>0.00</i>
Processing Gain	<b>0.77</b>	<b>0.77</b>	<b>0.77</b>	<b>0.84</b>	<b>0.85</b>	<b>0.89</b>	<b>0.89</b>	<b>0.95</b>	<b>0.90</b>	<b>0.96</b>	<b>0.97</b>	<b>1.05</b>	<b>0.99</b>	<i>1.00</i>	<i>1.03</i>
Net Product Imports <sup>d</sup>	<b>0.93</b>	<b>1.09</b>	<b>0.75</b>	<b>1.10</b>	<b>1.04</b>	<b>1.17</b>	<b>1.30</b>	<b>1.40</b>	<b>1.59</b>	<b>1.42</b>	<b>1.54</b>	<b>2.04</b>	<b>2.45</b>	<i>2.24</i>	<i>2.20</i>
Product Stock Withdrawn	<b>-0.05</b>	<b>0.00</b>	<b>0.15</b>	<b>0.03</b>	<b>-0.09</b>	<b>-0.17</b>	<b>0.30</b>	<b>0.00</b>	<b>-0.23</b>	<b>0.15</b>	<b>0.03</b>	<b>-0.06</b>	<b>-0.02</b>	<i>-0.05</i>	<i>0.01</i>
Total Supply	<b>17.26</b>	<b>17.72</b>	<b>17.72</b>	<b>18.31</b>	<b>18.62</b>	<b>18.92</b>	<b>19.52</b>	<b>19.70</b>	<b>19.65</b>	<b>19.76</b>	<b>19.99</b>	<b>20.73</b>	<b>20.80</b>	<i>20.68</i>	<i>20.99</i>
<b>Demand</b>															
Motor Gasoline <sup>e</sup>	<b>7.48</b>	<b>7.60</b>	<b>7.79</b>	<b>7.89</b>	<b>8.02</b>	<b>8.25</b>	<b>8.43</b>	<b>8.47</b>	<b>8.61</b>	<b>8.85</b>	<b>8.93</b>	<b>9.11</b>	<b>9.16</b>	<i>9.25</i>	<i>9.36</i>
Jet Fuel	<b>1.47</b>	<b>1.53</b>	<b>1.51</b>	<b>1.58</b>	<b>1.60</b>	<b>1.62</b>	<b>1.67</b>	<b>1.73</b>	<b>1.66</b>	<b>1.61</b>	<b>1.58</b>	<b>1.63</b>	<b>1.68</b>	<i>1.64</i>	<i>1.66</i>
Distillate Fuel Oil	<b>3.04</b>	<b>3.16</b>	<b>3.21</b>	<b>3.37</b>	<b>3.44</b>	<b>3.46</b>	<b>3.57</b>	<b>3.72</b>	<b>3.85</b>	<b>3.78</b>	<b>3.93</b>	<b>4.06</b>	<b>4.12</b>	<i>4.20</i>	<i>4.28</i>
Residual Fuel Oil	<b>1.08</b>	<b>1.02</b>	<b>0.85</b>	<b>0.85</b>	<b>0.80</b>	<b>0.89</b>	<b>0.83</b>	<b>0.91</b>	<b>0.81</b>	<b>0.70</b>	<b>0.77</b>	<b>0.86</b>	<b>0.92</b>	<i>0.71</i>	<i>0.73</i>
Other Oils <sup>f</sup>	<b>4.17</b>	<b>4.41</b>	<b>4.36</b>	<b>4.63</b>	<b>4.77</b>	<b>4.69</b>	<b>5.01</b>	<b>4.87</b>	<b>4.73</b>	<b>4.82</b>	<b>4.82</b>	<b>5.07</b>	<b>4.93</b>	<i>4.88</i>	<i>4.95</i>
Total Demand	<b>17.24</b>	<b>17.72</b>	<b>17.72</b>	<b>18.31</b>	<b>18.62</b>	<b>18.92</b>	<b>19.52</b>	<b>19.70</b>	<b>19.65</b>	<b>19.76</b>	<b>20.03</b>	<b>20.73</b>	<b>20.80</b>	<i>20.68</i>	<i>20.99</i>
Total Petroleum Net Imports	<b>7.63</b>	<b>8.07</b>	<b>7.89</b>	<b>8.50</b>	<b>9.16</b>	<b>9.76</b>	<b>9.92</b>	<b>10.43</b>	<b>10.91</b>	<b>10.56</b>	<b>11.19</b>	<b>12.10</b>	<b>12.55</b>	<i>12.30</i>	<i>12.15</i>
<b>Closing Stocks (million barrels)</b>															
Crude Oil (excluding SPR)	<b>335</b>	<b>337</b>	<b>303</b>	<b>284</b>	<b>305</b>	<b>324</b>	<b>284</b>	<b>286</b>	<b>312</b>	<b>278</b>	<b>269</b>	<b>286</b>	<b>324</b>	<i>318</i>	<i>301</i>
Total Motor Gasoline	<b>226</b>	<b>215</b>	<b>202</b>	<b>195</b>	<b>210</b>	<b>216</b>	<b>193</b>	<b>196</b>	<b>210</b>	<b>209</b>	<b>207</b>	<b>218</b>	<b>208</b>	<i>209</i>	<i>213</i>
Jet Fuel	<b>40</b>	<b>47</b>	<b>40</b>	<b>40</b>	<b>44</b>	<b>45</b>	<b>41</b>	<b>45</b>	<b>42</b>	<b>39</b>	<b>39</b>	<b>40</b>	<b>42</b>	<i>42</i>	<i>42</i>
Distillate Fuel Oil	<b>141</b>	<b>145</b>	<b>130</b>	<b>127</b>	<b>138</b>	<b>156</b>	<b>125</b>	<b>118</b>	<b>145</b>	<b>134</b>	<b>137</b>	<b>126</b>	<b>136</b>	<i>146</i>	<i>141</i>
Residual Fuel Oil	<b>44</b>	<b>42</b>	<b>37</b>	<b>46</b>	<b>40</b>	<b>45</b>	<b>36</b>	<b>36</b>	<b>41</b>	<b>31</b>	<b>38</b>	<b>42</b>	<b>37</b>	<i>43</i>	<i>41</i>
Other Oils <sup>g</sup>	<b>273</b>	<b>275</b>	<b>258</b>	<b>250</b>	<b>259</b>	<b>291</b>	<b>246</b>	<b>247</b>	<b>287</b>	<b>257</b>	<b>241</b>	<b>257</b>	<b>266</b>	<i>267</i>	<i>267</i>

<sup>a</sup> Includes lease condensate.

<sup>b</sup> Crude oil production from U.S. Federal leases in the Gulf of Mexico

<sup>c</sup> Net imports equals gross imports plus SPR imports minus exports.

<sup>d</sup> Includes finished petroleum products, unfinished oils, gasoline blending components, and natural gas plant liquids for processing.

<sup>e</sup> 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.

<sup>f</sup> 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.

<sup>g</sup> 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
<b>Supply</b>															
Total Dry Gas Production .....	<b>18.10</b>	<b>18.82</b>	<b>18.60</b>	<b>18.78</b>	<b>18.83</b>	<b>19.02</b>	<b>18.83</b>	<b>19.18</b>	<b>19.62</b>	<b>18.93</b>	<b>19.10</b>	<b>18.76</b>	<b>18.24</b>	<i>18.47</i>	<i>18.55</i>
Alaska .....	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.44</b>	<b>0.44</b>	<b>0.45</b>	<b>0.44</b>	<b>0.47</b>	<b>0.45</b>	<b>0.47</b>	<i>0.46</i>	<i>0.46</i>
Federal GOM <sup>a</sup> .....	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>4.78</b>	<b>4.69</b>	<b>4.79</b>	<b>4.29</b>	<b>4.21</b>	<b>3.79</b>	<b>3.03</b>	<i>2.92</i>	<i>3.25</i>
Other Lower 48 .....	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>13.61</b>	<b>14.06</b>	<b>14.37</b>	<b>14.19</b>	<b>14.42</b>	<b>14.52</b>	<b>14.75</b>	<i>15.10</i>	<i>14.83</i>
Gross Imports .....	<b>2.35</b>	<b>2.62</b>	<b>2.84</b>	<b>2.94</b>	<b>2.99</b>	<b>3.15</b>	<b>3.59</b>	<b>3.78</b>	<b>3.98</b>	<b>4.02</b>	<b>3.94</b>	<b>4.26</b>	<b>4.34</b>	<i>4.11</i>	<i>4.32</i>
Gross Exports .....	<b>0.14</b>	<b>0.16</b>	<b>0.15</b>	<b>0.15</b>	<b>0.16</b>	<b>0.16</b>	<b>0.16</b>	<b>0.24</b>	<b>0.37</b>	<b>0.52</b>	<b>0.68</b>	<b>0.85</b>	<b>0.73</b>	<i>0.72</i>	<i>0.84</i>
Net Imports .....	<b>2.21</b>	<b>2.46</b>	<b>2.69</b>	<b>2.78</b>	<b>2.84</b>	<b>2.99</b>	<b>3.42</b>	<b>3.54</b>	<b>3.60</b>	<b>3.50</b>	<b>3.26</b>	<b>3.40</b>	<b>3.61</b>	<i>3.39</i>	<i>3.48</i>
Supplemental Gaseous Fuels.....	<b>0.12</b>	<b>0.11</b>	<b>0.11</b>	<b>0.11</b>	<b>0.08</b>	<b>0.08</b>	<b>0.08</b>	<b>0.09</b>	<b>0.09</b>	<b>0.07</b>	<b>0.07</b>	<b>0.07</b>	<b>0.07</b>	<i>0.07</i>	<i>0.07</i>
Total New Supply.....	<b>20.42</b>	<b>21.39</b>	<b>21.40</b>	<b>21.68</b>	<b>21.74</b>	<b>22.10</b>	<b>22.34</b>	<b>22.81</b>	<b>23.31</b>	<b>22.49</b>	<b>22.43</b>	<b>22.23</b>	<b>21.93</b>	<i>21.94</i>	<i>22.09</i>
Working Gas in Storage															
Opening .....	<b>3.07</b>	<b>2.32</b>	<b>2.61</b>	<b>2.15</b>	<b>2.17</b>	<b>2.17</b>	<b>2.73</b>	<b>2.52</b>	<b>1.72</b>	<b>2.90</b>	<b>2.38</b>	<b>2.56</b>	<b>2.70</b>	<i>2.64</i>	<i>2.86</i>
Closing .....	<b>2.32</b>	<b>2.61</b>	<b>2.15</b>	<b>2.17</b>	<b>2.17</b>	<b>2.73</b>	<b>2.52</b>	<b>1.72</b>	<b>2.90</b>	<b>2.38</b>	<b>2.56</b>	<b>2.70</b>	<b>2.64</b>	<i>2.86</i>	<i>2.71</i>
Net Withdrawals.....	<b>0.75</b>	<b>-0.28</b>	<b>0.45</b>	<b>-0.02</b>	<b>0.00</b>	<b>-0.56</b>	<b>0.21</b>	<b>0.80</b>	<b>-1.18</b>	<b>0.53</b>	<b>-0.19</b>	<b>-0.13</b>	<b>0.06</b>	<i>-0.23</i>	<i>0.15</i>
Total Supply.....	<b>21.17</b>	<b>21.11</b>	<b>21.85</b>	<b>21.66</b>	<b>21.74</b>	<b>21.54</b>	<b>22.54</b>	<b>23.61</b>	<b>22.12</b>	<b>23.02</b>	<b>22.24</b>	<b>22.10</b>	<b>21.99</b>	<i>21.71</i>	<i>22.25</i>
Balancing Item <sup>b</sup> .....	<b>-0.38</b>	<b>0.14</b>	<b>0.36</b>	<b>0.95</b>	<b>0.99</b>	<b>0.70</b>	<b>-0.14</b>	<b>-0.16</b>	<b>0.12</b>	<b>-0.02</b>	<b>0.03</b>	<b>0.33</b>	<b>-0.06</b>	<i>0.17</i>	<i>-0.08</i>
Total Primary Supply .....	<b>20.79</b>	<b>21.25</b>	<b>22.21</b>	<b>22.60</b>	<b>22.73</b>	<b>22.25</b>	<b>22.41</b>	<b>23.45</b>	<b>22.24</b>	<b>23.01</b>	<b>22.28</b>	<b>22.43</b>	<b>21.93</b>	<i>21.88</i>	<i>22.17</i>
<b>Demand</b>															
Residential .....	<b>4.96</b>	<b>4.85</b>	<b>4.85</b>	<b>5.24</b>	<b>4.98</b>	<b>4.52</b>	<b>4.73</b>	<b>5.00</b>	<b>4.77</b>	<b>4.89</b>	<b>5.08</b>	<b>4.88</b>	<b>4.81</b>	<i>4.50</i>	<i>4.83</i>
Commercial.....	<b>2.86</b>	<b>2.90</b>	<b>3.03</b>	<b>3.16</b>	<b>3.21</b>	<b>3.00</b>	<b>3.04</b>	<b>3.18</b>	<b>3.02</b>	<b>3.14</b>	<b>3.18</b>	<b>3.14</b>	<b>3.06</b>	<i>2.95</i>	<i>3.06</i>
Industrial .....	<b>8.87</b>	<b>8.91</b>	<b>9.38</b>	<b>9.68</b>	<b>9.71</b>	<b>9.49</b>	<b>9.16</b>	<b>9.40</b>	<b>8.46</b>	<b>8.62</b>	<b>8.27</b>	<b>8.35</b>	<b>7.68</b>	<i>7.63</i>	<i>7.72</i>
Lease and Plant Fuel.....	<b>1.17</b>	<b>1.12</b>	<b>1.22</b>	<b>1.25</b>	<b>1.20</b>	<b>1.17</b>	<b>1.08</b>	<b>1.15</b>	<b>1.12</b>	<b>1.11</b>	<b>1.12</b>	<b>1.10</b>	<b>1.07</b>	<i>1.08</i>	<i>1.08</i>
Other Industrial .....	<b>7.70</b>	<b>7.79</b>	<b>8.16</b>	<b>8.44</b>	<b>8.51</b>	<b>8.32</b>	<b>8.08</b>	<b>8.25</b>	<b>7.34</b>	<b>7.51</b>	<b>7.15</b>	<b>7.25</b>	<b>6.61</b>	<i>6.55</i>	<i>6.64</i>
CHP <sup>c</sup> .....	<b>1.12</b>	<b>1.18</b>	<b>1.26</b>	<b>1.29</b>	<b>1.28</b>	<b>1.35</b>	<b>1.40</b>	<b>1.39</b>	<b>1.31</b>	<b>1.24</b>	<b>1.14</b>	<b>1.19</b>	<b>0.94</b>	<i>1.12</i>	<i>1.11</i>
Non-CHP .....	<b>6.58</b>	<b>6.61</b>	<b>6.90</b>	<b>7.15</b>	<b>7.23</b>	<b>6.97</b>	<b>6.68</b>	<b>6.87</b>	<b>6.03</b>	<b>6.27</b>	<b>6.01</b>	<b>6.06</b>	<b>5.67</b>	<i>5.43</i>	<i>5.53</i>
Transportation <sup>d</sup> .....	<b>0.63</b>	<b>0.69</b>	<b>0.70</b>	<b>0.72</b>	<b>0.76</b>	<b>0.64</b>	<b>0.66</b>	<b>0.66</b>	<b>0.64</b>	<b>0.68</b>	<b>0.61</b>	<b>0.59</b>	<b>0.58</b>	<i>0.58</i>	<i>0.59</i>
Electric Power <sup>e</sup> .....	<b>3.47</b>	<b>3.90</b>	<b>4.24</b>	<b>3.81</b>	<b>4.06</b>	<b>4.59</b>	<b>4.82</b>	<b>5.21</b>	<b>5.34</b>	<b>5.67</b>	<b>5.14</b>	<b>5.46</b>	<b>5.80</b>	<i>6.22</i>	<i>5.95</i>
Total Demand .....	<b>20.79</b>	<b>21.25</b>	<b>22.21</b>	<b>22.60</b>	<b>22.73</b>	<b>22.25</b>	<b>22.41</b>	<b>23.45</b>	<b>22.24</b>	<b>23.01</b>	<b>22.28</b>	<b>22.43</b>	<b>21.93</b>	<i>21.88</i>	<i>22.17</i>

<sup>a</sup> Dry natural gas production from U.S. Federal Leases in the Gulf of Mexico.

<sup>b</sup> 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.

<sup>c</sup> 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.

<sup>d</sup> Pipeline fuel use plus natural gas used as vehicle fuel.

<sup>e</sup> 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
<b>Supply</b>															
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	1131.5	<i>1158.1</i>	<i>1153.6</i>
Appalachia.....	409.7	445.4	434.9	451.9	467.8	460.4	425.6	419.4	432.8	397.0	376.8	390.7	397.3	<i>404.9</i>	<i>393.4</i>
Interior.....	167.2	179.9	168.5	172.8	170.9	168.4	162.5	143.5	147.0	146.9	146.3	146.2	149.2	<i>150.2</i>	<i>146.5</i>
Western.....	368.5	408.3	429.6	439.1	451.3	488.8	512.3	510.7	547.9	550.4	548.7	575.2	585.0	<i>603.0</i>	<i>613.7</i>
Primary Stock Levels <sup>a</sup>															
Opening.....	29.0	25.3	33.2	34.4	28.6	34.0	36.5	39.5	31.9	35.9	43.3	38.3	41.2	<i>35.0</i>	<i>35.1</i>
Closing.....	25.3	33.2	34.4	28.6	34.0	36.5	39.5	31.9	35.9	43.3	38.3	41.2	35.0	<i>35.1</i>	<i>30.8</i>
Net Withdrawals.....	3.7	-7.9	-1.2	5.8	-5.3	-2.6	-2.9	7.6	-4.0	-7.4	5.0	-2.9	6.2	<i>-0.1</i>	<i>4.3</i>
Imports.....	8.2	8.9	9.5	8.1	7.5	8.7	9.1	12.5	19.8	16.9	25.0	27.3	30.5	<i>35.2</i>	<i>38.4</i>
Exports.....	74.5	71.4	88.5	90.5	83.5	78.0	58.5	58.5	48.7	39.6	43.0	48.0	49.9	<i>48.0</i>	<i>48.0</i>
Total Net Domestic Supply.....	882.8	963.1	952.7	987.3	1008.5	1045.7	1048.1	1035.2	1094.8	1064.2	1058.8	1088.5	1118.2	<i>1145.3</i>	<i>1148.3</i>
Secondary Stock Levels <sup>b</sup>															
Opening.....	166.8	123.1	139.6	138.0	126.0	108.8	131.6	149.1	108.5	146.0	148.9	127.2	112.9	<i>109.4</i>	<i>119.7</i>
Closing.....	123.1	139.6	138.0	126.0	108.8	131.6	149.1	108.5	146.0	148.9	127.2	112.9	109.4	<i>119.7</i>	<i>134.9</i>
Net Withdrawals.....	43.8	-16.5	1.5	12.0	17.2	-22.8	-17.5	40.7	-37.6	-2.9	21.7	14.3	3.4	<i>-10.3</i>	<i>-15.3</i>
Waste Coal Supplied to IPPs <sup>c</sup> .....	6.4	7.9	8.5	8.8	8.1	9.0	8.4	7.0	7.5	8.0	8.5	12.5	15.1	<i>15.1</i>	<i>15.1</i>
Total Supply.....	932.9	954.5	962.7	1008.1	1033.9	1031.8	1039.0	1082.8	1064.7	1069.3	1088.9	1115.3	1136.7	<i>1150.2</i>	<i>1148.1</i>
<b>Demand</b>															
Coke Plants.....	31.3	31.7	33.0	31.7	30.2	28.2	28.1	28.9	26.1	23.7	24.2	23.7	23.4	<i>24.4</i>	<i>25.1</i>
Electric Power Sector <sup>d</sup> .....	831.6	838.4	850.2	896.9	921.4	936.6	940.9	985.8	964.4	977.5	1005.1	1016.3	1039.0	<i>1035.9</i>	<i>1057.7</i>
Retail and General Industry.....	81.1	81.2	78.9	77.7	78.0	72.3	69.6	69.3	69.6	65.2	65.5	67.3	64.6	<i>66.2</i>	<i>65.4</i>
Residential and Commercial.....	6.2	6.0	5.8	6.0	6.5	4.9	4.9	4.1	4.4	4.4	4.2	5.1	4.2	<i>4.5</i>	<i>4.0</i>
Industrial.....	74.9	75.2	73.1	71.7	71.5	67.4	64.7	65.2	65.3	60.7	61.3	62.2	60.3	<i>61.7</i>	<i>61.3</i>
CHP <sup>e</sup> .....	28.9	29.7	29.4	29.4	29.9	28.6	27.8	28.0	25.8	26.2	24.8	26.6	20.6	<i>25.5</i>	<i>25.7</i>
Non-CHP.....	46.0	45.5	43.7	42.3	41.7	38.9	37.0	37.2	39.5	34.5	36.4	35.6	39.7	<i>36.1</i>	<i>35.7</i>
Total Demand <sup>f</sup> .....	944.1	951.3	962.1	1006.3	1029.5	1037.1	1038.6	1084.1	1060.1	1066.4	1094.9	1107.3	1127.0	<i>1126.5</i>	<i>1148.1</i>
Discrepancy <sup>g</sup> .....	-11.1	3.2	0.6	1.7	4.3	-5.3	0.3	-1.2	4.6	3.0	-5.9	8.1	9.8	<i>23.7</i>	<i>0.0</i>

<sup>a</sup> Primary stocks are held at the mines, preparation plants, and distribution points.

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

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

<sup>d</sup> Estimates of coal consumption by IPPs, supplied by the Office of Coal, Nuclear, Electric, and Alternate Fuels, EIA.

<sup>e</sup> 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.

<sup>f</sup> Total Demand includes estimated IPP consumption.

<sup>g</sup> 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
<b>Net Electricity Generation</b>															
Electric Power Sector <sup>a</sup>															
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	1984.1	2022.8
Petroleum.....	105.4	98.7	68.1	74.8	86.5	122.2	111.5	105.2	119.1	89.7	113.7	114.6	115.8	67.7	90.8
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	725.5	695.2
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	786.5	805.6
Hydroelectric.....	273.5	250.6	302.7	338.1	346.6	313.4	308.6	265.8	204.9	251.7	263.0	256.6	255.3	283.1	266.7
Other <sup>b</sup> .....	47.0	47.0	44.8	45.8	47.3	48.6	50.0	51.6	49.4	58.6	60.7	64.0	64.2	73.1	82.9
Subtotal.....	3043.9	3088.7	3194.2	3284.1	3329.4	3457.4	3530.0	3637.5	3580.1	3698.5	3721.2	3808.4	3883.4	3919.9	3963.9
Other Sectors <sup>c</sup> .....	153.3	158.8	159.3	160.0	162.8	162.9	164.8	156.6	156.6	160.0	162.1	161.2	154.6	165.8	167.1
Total.....	3197.2	3247.5	3353.5	3444.2	3492.2	3620.3	3694.8	3802.1	3736.6	3858.5	3883.2	3969.6	4038.0	4085.7	4131.1
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	24.8	17.7
Total Supply.....	3225.0	3292.3	3392.7	3484.4	3526.2	3646.2	3723.8	3835.9	3758.7	3879.4	3889.6	3980.9	4062.7	4110.5	4148.7
Losses and Unaccounted for <sup>d</sup> .....	236.0	223.7	235.4	237.4	232.2	221.0	229.2	243.5	213.9	247.2	232.1	264.2	242.6	249.9	250.7
<b>Demand</b>															
Retail Sales <sup>e</sup>															
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	1369.3	1376.9
Commercial <sup>f</sup> .....	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	1289.5	1306.7
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	1022.2	1022.2
Transportation <sup>g</sup> .....	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	7.9	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	3688.9	3713.6
Other Use/Sales <sup>h</sup> .....	127.5	134.1	144.1	145.9	148.4	160.9	182.5	170.9	162.6	166.2	168.3	168.5	160.5	171.6	184.5
Total Demand.....	2989.0	3068.7	3157.3	3247.0	3294.0	3425.1	3494.6	3592.4	3544.7	3632.3	3657.5	3716.7	3820.1	3860.5	3898.0

<sup>a</sup> Electric Utilities and independent power producers.

<sup>b</sup> "Other" includes generation from other gaseous fuels, geothermal, wind, wood, waste, and solar sources.

<sup>c</sup> Electricity generation from combined heat and power facilities and electricity-only plants in the industrial and commercial sectors.

<sup>d</sup> Balancing item, mainly transmission and distribution losses.

<sup>e</sup> 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.

<sup>f</sup> 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.

<sup>g</sup> 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.

<sup>h</sup> 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.