

**Table 11. Energy Prices by Sector and Source (1 of 2)**  
**(1998 Dollars per Million Btu, Unless Otherwise Noted)**  
**01 - New England**

	1998	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1998-2020
<b>Residential</b>	13.65	14.18	14.13	14.05	14.21	14.16	14.06	14.24	14.21	14.17	14.12	14.17	14.10	14.15	14.20	14.18	14.21	14.24	14.27	14.30	14.33	14.35	0.2%
Primary Energy 1/	7.59	8.58	8.47	8.45	8.46	8.47	8.48	8.50	8.51	8.51	8.53	8.50	8.47	8.47	8.45	8.43	8.43	8.40	8.37	8.36	8.35	8.35	0.4%
Petroleum Products 2/	6.66	8.21	8.09	8.08	8.13	8.15	8.17	8.21	8.24	8.29	8.37	8.37	8.38	8.42	8.43	8.45	8.49	8.50	8.48	8.50	8.51	8.53	1.1%
Distillate Fuel	5.93	7.39	7.28	7.27	7.32	7.34	7.36	7.40	7.43	7.48	7.57	7.57	7.57	7.62	7.64	7.68	7.71	7.72	7.71	7.72	7.73	7.75	1.2%
Liquefied Petroleum Gas	14.43	16.59	16.39	16.37	16.35	16.41	16.34	16.35	16.36	16.39	16.43	16.41	16.41	16.41	16.31	16.18	16.32	16.20	16.23	16.25	16.27	16.35	0.6%
Natural Gas	9.20	9.20	9.11	9.05	8.98	8.97	8.97	8.95	8.92	8.85	8.77	8.71	8.63	8.57	8.50	8.43	8.38	8.32	8.28	8.24	8.21	8.20	-0.5%
Electricity	33.19	32.17	32.11	31.58	32.04	31.51	30.76	31.30	30.88	30.47	29.93	30.07	29.70	29.79	29.92	29.75	29.72	29.79	29.89	29.95	29.95	29.93	-0.5%
<b>Commercial</b>	14.64	14.49	14.42	14.23	14.47	14.29	13.99	14.10	13.77	13.43	13.13	13.04	12.79	12.75	12.74	12.61	12.57	12.57	12.58	12.61	12.64	12.68	-0.7%
Primary Energy 1/	5.90	6.62	6.53	6.51	6.51	6.53	6.55	6.58	6.59	6.58	6.58	6.56	6.53	6.52	6.50	6.48	6.48	6.47	6.46	6.45	6.46	6.48	0.4%
Petroleum Products 2/	4.37	5.88	5.74	5.73	5.77	5.78	5.78	5.81	5.83	5.86	5.92	5.91	5.91	5.94	5.95	5.97	6.00	6.00	6.00	6.01	6.02	6.03	1.5%
Distillate Fuel	4.30	5.75	5.63	5.62	5.68	5.70	5.72	5.76	5.79	5.84	5.93	5.93	5.93	5.98	6.00	6.04	6.07	6.08	6.07	6.08	6.09	6.10	1.6%
Residual Fuel	2.37	3.40	3.27	3.26	3.28	3.28	3.26	3.27	3.26	3.25	3.25	3.24	3.24	3.25	3.26	3.27	3.29	3.30	3.32	3.34	3.36	3.37	1.6%
Natural Gas 3/	6.88	7.08	7.01	6.99	6.96	6.99	7.02	7.04	7.04	7.02	6.97	6.93	6.89	6.85	6.81	6.77	6.75	6.73	6.71	6.69	6.69	6.71	-0.1%
Electricity	28.96	27.38	27.36	26.81	27.46	26.84	25.89	26.12	25.12	24.15	23.29	23.04	22.38	22.26	22.23	21.88	21.76	21.77	21.80	21.86	21.90	21.95	-1.3%
<b>Industrial 4/</b>	7.66	8.14	8.01	7.89	7.99	7.87	7.72	7.79	7.64	7.49	7.33	7.29	7.11	7.10	7.11	7.07	7.07	7.08	7.12	7.14	7.18	7.24	-0.3%
Primary Energy	3.46	4.25	4.17	4.18	4.23	4.27	4.31	4.35	4.37	4.39	4.39	4.39	4.32	4.34	4.35	4.37	4.40	4.40	4.40	4.42	4.44	4.47	1.2%
Petroleum Products 2/	3.47	4.83	4.66	4.65	4.71	4.73	4.73	4.75	4.76	4.78	4.81	4.81	4.69	4.74	4.77	4.81	4.86	4.86	4.87	4.88	4.91	4.94	1.6%
Distillate Fuel	4.67	5.83	5.72	5.71	5.76	5.78	5.80	5.84	5.87	5.92	6.01	6.01	6.02	6.06	6.08	6.12	6.15	6.15	6.16	6.16	6.17	6.19	1.3%
Liquefied Petroleum Gas	10.52	11.65	11.45	11.43	11.41	11.47	11.40	11.42	11.42	11.46	11.49	11.47	11.48	11.47	11.37	11.25	11.39	11.27	11.29	11.31	11.33	11.41	0.4%
Residual Fuel	2.36	3.38	3.24	3.24	3.26	3.25	3.24	3.24	3.23	3.23	3.23	3.21	3.21	3.22	3.24	3.24	3.26	3.28	3.29	3.31	3.33	3.34	1.6%
Natural Gas 5/	3.50	3.71	3.69	3.73	3.77	3.84	3.93	3.99	4.03	4.04	4.03	4.03	4.00	4.00	3.99	3.98	3.98	3.98	3.99	4.00	4.02	4.06	0.7%
Metallurgical Coal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Steam Coal	2.35	2.31	2.29	2.28	2.25	2.24	2.22	2.21	2.18	2.17	2.15	2.13	2.11	2.09	2.07	2.05	2.03	2.00	1.98	1.96	1.94	1.92	-0.9%
Electricity	21.86	20.86	20.79	20.22	20.56	19.95	19.18	19.42	18.66	17.91	17.19	17.01	16.42	16.30	16.28	16.06	16.00	16.02	16.12	16.18	16.27	16.41	-1.3%
<b>Transportation</b>	8.55	10.34	10.05	10.01	10.06	10.09	10.08	10.07	10.12	10.14	10.13	10.12	10.12	10.13	10.11	10.10	10.10	10.07	10.06	10.04	10.03	10.01	0.7%
Primary Energy	8.50	10.30	10.01	9.97	10.02	10.05	10.03	10.03	10.07	10.09	10.08	10.07	10.08	10.08	10.06	10.04	10.04	10.02	10.00	9.98	9.97	9.95	0.7%
Petroleum Products 2/	8.50	10.30	10.02	9.97	10.02	10.05	10.03	10.03	10.06	10.08	10.08	10.06	10.07	10.07	10.05	10.03	10.03	10.01	9.99	9.97	9.96	9.94	0.7%
Distillate Fuel 6/	8.15	9.70	9.54	9.51	9.55	9.53	9.54	9.57	9.57	9.58	9.63	9.61	9.60	9.60	9.59	9.59	9.58	9.56	9.54	9.52	9.49	9.48	0.7%
Jet Fuel 7/	4.39	5.93	5.77	5.78	5.87	5.88	5.92	5.99	6.02	6.06	6.14	6.11	6.10	6.08	6.07	6.06	6.06	6.05	6.05	6.04	6.04	6.04	1.5%
Motor Gasoline 8/	9.13	11.02	10.69	10.64	10.70	10.74	10.71	10.69	10.74	10.76	10.74	10.73	10.74	10.75	10.73	10.72	10.72	10.69	10.69	10.67	10.66	10.64	0.7%
Residual Fuel	1.80	2.62	2.50	2.49	2.51	2.49	2.47	2.47	2.45	2.43	2.43	2.40	2.39	2.40	2.41	2.42	2.44	2.45	2.47	2.49	2.51	2.52	1.5%
Liquid Petroleum Gas 9/	8.95	14.75	14.52	14.47	14.42	14.46	14.36	14.34	14.32	14.32	14.33	14.28	14.26	14.23	14.10	13.96	14.07	13.92	13.91	13.90	13.89	13.93	2.0%
Natural Gas 10/	7.85	8.24	8.15	8.14	8.16	8.25	8.37	8.50	8.61	8.67	8.70	8.74	8.75	8.76	8.75	8.74	8.73	8.71	8.69	8.67	8.65	8.66	0.4%
Ethanol (E85) 11/	14.35	19.35	18.80	18.74	19.07	19.11	19.17	19.12	19.21	19.26	19.28	19.30	19.31	19.32	19.32	19.33	19.36	19.35	19.36	19.37	19.37	19.38	1.4%
Methanol (M85) 12/	8.99	15.15	15.11	15.11	15.50	15.52	15.53	15.53	15.56	15.57	15.59	15.60	15.61	15.61	15.61	15.60	15.63	15.61	15.62	15.62	15.63	15.63	2.5%
Electricity	23.91	22.04	21.98	21.55	21.08	20.61	20.20	20.34	20.45	20.17	19.78	19.91	19.66	19.57	19.49	19.62	19.75	19.82	19.88	19.89	19.88	19.86	-0.8%
<b>Average End-Use Energy</b>	10.77	11.72	11.54	11.43	11.53	11.46	11.34	11.40	11.33	11.24	11.15	11.13	11.04	11.04	11.04	10.99	10.98	10.98	10.98	10.98	10.98	11.00	0.1%
Primary Energy	10.40	11.47	11.28	11.17	11.26	11.21	11.10	11.14	11.09	11.02	10.93	10.92	10.84	10.84	10.83	10.79	10.78	10.78	10.78	10.77	10.77	10.78	0.2%
Electricity	28.89	27.70	27.66	27.11	27.58	27.00	26.17	26.50	25.80	25.10	24.41	24.33	23.80	23.76	23.78	23.53	23.46	23.51	23.58	23.64	23.69	23.74	-0.9%
<b>Electric Generators 13/</b>																							
Fossil Fuel Average	2.23	2.66	2.65	2.65	2.64	2.67	2.70	2.77	2.81	2.83	2.82	2.86	2.86	2.88	2.89	2.88	2.90	2.89	2.89	2.89	2.93	2.95	1.3%
Petroleum Products	2.07	3.44	3.30	3.30	3.32	3.31	3.30	3.31	3.30	3.30	3.30	3.30	3.31	3.33	3.35	3.37	3.39	3.41	3.42	3.44	3.45	3.47	2.4%
Distillate Fuel	3.24	4.84	4.73	4.72	4.77	4.79	4.81	4.85	4.88	4.93	5.02	5.02	5.02	5.07	5.09	5.13	5.16	5.17	5.16	5.17	5.18	5.20	2.2%
Residual Fuel	2.06	3.42	3.29	3.28	3.30	3.29	3.28	3.29	3.28	3.27	3.27	3.26	3.25	3.27	3.28	3.29	3.31	3.32	3.34	3.36	3.37	3.39	2.3%
Natural Gas	2.79	3.13	3.14	3.21	3.24	3.32	3.40	3.45	3.48	3.49	3.49	3.48	3.47	3.47	3.46	3.46	3.47	3.47	3.48	3.49	3.51	3.56	1.1%
Steam Coal	1.77	1.78	1.72	1.70	1.66	1.66	1.64	1.63	1.64	1.63	1.59	1.62	1.62	1.59	1.57	1.56	1.54	1.51	1.51	1.48	1.53	1.52	-0.7%

**Table 11. Energy Prices by Sector and Source (2 of 2)**  
**(1998 Dollars per Million Btu, Unless Otherwise Noted)**  
**01 - New England**

	1998	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1998-2020
Average Price to All Users 14/																							
Petroleum Products 2/	6.66	8.58	8.26	8.29	8.34	8.42	8.49	8.52	8.63	8.72	8.78	8.86	8.91	8.94	8.94	8.96	8.98	8.98	8.97	8.96	8.96	8.96	1.4%
Distillate Fuel	6.29	7.77	7.64	7.63	7.69	7.70	7.72	7.76	7.79	7.83	7.91	7.91	7.92	7.95	7.97	8.00	8.03	8.03	8.02	8.03	8.04	8.04	1.1%
Jet Fuel	4.39	5.93	5.77	5.78	5.87	5.88	5.92	5.99	6.02	6.06	6.14	6.11	6.10	6.08	6.07	6.06	6.06	6.05	6.05	6.04	6.04	6.04	1.5%
Liquefied Petroleum Gas	12.94	15.12	14.90	14.86	14.82	14.87	14.78	14.78	14.77	14.78	14.80	14.76	14.74	14.72	14.60	14.46	14.58	14.45	14.45	14.46	14.47	14.53	0.5%
Motor Gasoline 8/	9.13	11.02	10.69	10.64	10.70	10.74	10.71	10.69	10.74	10.76	10.74	10.73	10.74	10.75	10.73	10.72	10.72	10.70	10.69	10.67	10.66	10.64	0.7%
Residual Fuel	2.13	3.37	3.24	3.24	3.25	3.24	3.22	3.23	3.21	3.19	3.19	3.16	3.14	3.15	3.16	3.16	3.18	3.19	3.21	3.22	3.24	3.25	1.9%
Natural Gas	5.60	6.07	6.02	5.96	5.97	5.93	5.86	5.73	5.65	5.57	5.51	5.40	5.33	5.26	5.20	5.17	5.14	5.13	5.13	5.14	5.15	5.19	-0.3%
Coal	1.79	1.80	1.74	1.71	1.68	1.68	1.66	1.65	1.65	1.65	1.61	1.64	1.63	1.61	1.59	1.57	1.55	1.53	1.53	1.50	1.54	1.53	-0.7%
Ethanol (E85) 11/	14.35	19.35	18.80	18.74	19.07	19.11	19.17	19.12	19.21	19.26	19.28	19.30	19.31	19.32	19.32	19.33	19.36	19.35	19.36	19.37	19.37	19.38	1.4%
Methanol (M85) 12/	8.99	15.15	15.11	15.11	15.50	15.52	15.53	15.53	15.56	15.57	15.59	15.60	15.61	15.61	15.61	15.60	15.63	15.61	15.62	15.62	15.63	15.63	2.5%
Electricity	28.89	27.70	27.66	27.11	27.58	27.00	26.17	26.50	25.80	25.10	24.41	24.33	23.80	23.76	23.78	23.53	23.46	23.51	23.58	23.64	23.69	23.74	-0.9%
Non-Renewable Energy Expenditures by Sector (billion 1998 dollars)																							
Residential	8.48	9.15	9.11	9.06	9.15	9.16	9.09	9.20	9.20	9.22	9.17	9.21	9.18	9.25	9.26	9.27	9.30	9.36	9.37	9.40	9.43	9.49	0.5%
Commercial	6.09	6.23	6.24	6.20	6.32	6.27	6.19	6.26	6.16	6.06	5.97	5.97	5.90	5.90	5.92	5.87	5.86	5.86	5.85	5.85	5.84	5.83	-0.2%
Industrial	3.00	3.12	3.11	3.11	3.22	3.23	3.22	3.29	3.25	3.20	3.14	3.14	3.07	3.08	3.12	3.13	3.16	3.18	3.20	3.23	3.27	3.31	0.4%
Transportation	8.42	10.59	10.52	10.68	10.91	11.15	11.30	11.47	11.68	11.86	11.99	12.12	12.23	12.35	12.46	12.58	12.71	12.78	12.85	12.92	12.98	13.06	2.0%
Total Non-Renewable Expend.	25.99	29.09	28.98	29.05	29.59	29.80	29.80	30.22	30.29	30.34	30.27	30.44	30.38	30.59	30.75	30.86	31.04	31.17	31.27	31.40	31.53	31.69	0.9%
Trans. Renewable Expend.	0.00	0.01	0.01	0.02	0.02	0.03	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.07	0.07	17.7%
Total Expenditures	25.99	29.10	28.99	29.07	29.61	29.83	29.83	30.26	30.34	30.38	30.32	30.50	30.44	30.65	30.81	30.92	31.11	31.24	31.35	31.47	31.60	31.76	0.9%

1/ Weighted average price includes fuels below as well as coal.

2/ This quantity is the weighted average for all petroleum products, not just those listed below.

3/ Excludes independent power producers.

4/ Includes cogenerators.

5/ Excludes uses for lease and plant fuel.

6/ Low sulfur diesel fuel. Price includes Federal and State taxes while excluding county and local taxes.

7/ Kerosene-type jet fuel. Price includes Federal and State taxes while excluding county and local taxes.

8/ Sales weighted-average price for all grades. Includes Federal and State taxes and assumes county and local taxes of 2 cents per gallon.

9/ Includes Federal and State taxes while excluding county and local taxes.

10/ Compressed natural gas used as a vehicle fuel. Price includes estimated motor vehicle fuel taxes.

11/ E85 is 85 percent ethanol (renewable) and 15 percent motor gasoline (nonrenewable).

12/ M85 is 85 percent methanol and 15 percent motor gasoline.

13/ Includes all electric power generators except cogenerators, which produce electricity and other useful thermal energy. Includes small power producers and exempt wholesale generators.

14/ Weighted averages of end-use fuel prices are derived from the prices shown in each sector and the corresponding sectoral consumption.

Btu = British thermal unit.

Expend. = Expenditures.

Trans. = Transportation.

Note: Totals may not equal sum of components due to independent rounding. The historical data used were the most current available as of July 31, 1999. At that time, most regional data for 1998 were not available. The numbers presented for 1998 are estimates and may differ from official EIA data reports. Also, please see EIA data publications and the Short-Term Energy Outlook for the latest estimates for 1999. Sources: 1998 prices for gasoline, distillate, and jet fuel are based on prices in various issues of Energy Information Administration (EIA), Petroleum Marketing Monthly, DOE/EIA-0380 (98/03-99/04) (Washington, DC, 1998-99). 1998 prices for all other petroleum products are derived from the EIA, State Energy Price and Expenditure Report 1995, DOE/EIA-0376(95) (Washington, DC, August 1998). 1998 industrial gas delivered prices are based on EIA, Consumption Survey 1994. 1998 residential and commercial natural gas delivered prices: EIA Natural Gas Monthly, DOE/EIA-0130(99/06) (Washington, DC, June 1999). 1998 coal prices based on EIA, Quarterly Coal Report, DOE/EIA-0121(99/1Q) (Washington, DC, August 1999), and EIA, AEO 2000 National Energy Modeling System run AEO2K.D100199A. 1998 electricity prices for commercial, industrial, and transportation: EIA, AEO2000 National Energy Modeling System run AEO2K.D100199A. Projections: EIA, AEO2000 National Energy Modeling System run AEO2K.D100199A.

**Table 12. Energy Prices by Sector and Source (1 of 2)**  
**(1998 Dollars per Million Btu, Unless Otherwise Noted)**  
**02 - Middle Atlantic**

	1998	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1998-2020
<b>Residential</b>	13.66	13.72	13.51	13.37	13.29	13.32	13.30	13.36	13.33	13.28	13.20	13.35	13.29	13.30	13.30	13.47	13.50	13.51	13.50	13.53	13.57	13.62	0.0%
Primary Energy 1/	7.76	8.28	8.19	8.16	8.15	8.15	8.16	8.17	8.18	8.16	8.15	8.11	8.07	8.04	8.01	7.98	7.97	7.94	7.92	7.90	7.88	7.88	0.1%
Petroleum Products 2/	7.10	8.81	8.69	8.68	8.74	8.76	8.77	8.81	8.85	8.90	8.98	8.97	8.96	8.99	8.99	9.00	9.03	9.03	9.01	9.01	9.02	9.03	1.1%
Distillate Fuel	6.47	7.94	7.82	7.81	7.87	7.88	7.90	7.94	7.98	8.03	8.11	8.10	8.09	8.13	8.14	8.16	8.19	8.19	8.17	8.17	8.18	8.19	1.1%
Liquefied Petroleum Gas	13.14	16.80	16.60	16.58	16.56	16.62	16.55	16.57	16.57	16.61	16.64	16.62	16.63	16.62	16.52	16.40	16.54	16.42	16.44	16.46	16.48	16.56	1.1%
Natural Gas	8.23	8.21	8.13	8.09	8.06	8.06	8.07	8.07	8.06	8.03	7.98	7.93	7.88	7.83	7.80	7.76	7.74	7.71	7.69	7.67	7.65	7.64	-0.3%
Electricity	31.66	30.54	29.72	29.01	28.46	28.38	28.03	28.07	27.75	27.39	26.95	27.53	27.24	27.23	27.20	27.76	27.80	27.76	27.67	27.76	27.80	27.87	-0.6%
<b>Commercial</b>	13.81	13.51	13.08	12.75	12.49	12.41	12.23	12.30	12.07	11.89	11.66	11.82	11.64	11.57	11.53	11.68	11.71	11.68	11.64	11.65	11.67	11.74	-0.7%
Primary Energy 1/	4.66	5.26	5.18	5.18	5.20	5.23	5.26	5.30	5.33	5.34	5.34	5.33	5.31	5.30	5.30	5.30	5.31	5.31	5.31	5.32	5.33	5.35	0.6%
Petroleum Products 2/	3.76	5.43	5.28	5.27	5.31	5.33	5.34	5.37	5.39	5.43	5.48	5.48	5.47	5.49	5.50	5.51	5.53	5.53	5.52	5.53	5.54	5.55	1.8%
Distillate Fuel	4.03	5.66	5.54	5.53	5.59	5.60	5.62	5.66	5.70	5.75	5.83	5.82	5.81	5.85	5.86	5.89	5.91	5.91	5.89	5.89	5.90	5.91	1.8%
Residual Fuel	2.55	4.06	3.87	3.87	3.88	3.92	3.92	3.94	3.95	3.96	3.97	3.99	3.98	4.00	4.01	4.03	4.04	4.06	4.07	4.09	4.11	4.12	2.2%
Natural Gas 3/	5.10	5.30	5.24	5.25	5.26	5.30	5.34	5.39	5.42	5.42	5.40	5.39	5.37	5.35	5.34	5.33	5.34	5.35	5.35	5.36	5.37	5.39	0.3%
Electricity	29.02	27.34	26.23	25.23	24.41	24.08	23.45	23.54	22.80	22.25	21.59	22.03	21.53	21.36	21.25	21.66	21.72	21.64	21.53	21.55	21.59	21.75	-1.3%
<b>Industrial 4/</b>	5.07	5.59	5.43	5.37	5.34	5.34	5.34	5.38	5.41	5.42	5.37	5.46	5.32	5.34	5.35	5.47	5.51	5.53	5.52	5.56	5.60	5.64	0.5%
Primary Energy	2.96	3.70	3.63	3.65	3.70	3.74	3.78	3.82	3.88	3.93	3.94	3.96	3.85	3.88	3.90	3.95	3.98	4.00	4.00	4.03	4.06	4.08	1.5%
Petroleum Products 2/	3.23	4.84	4.67	4.67	4.74	4.76	4.77	4.79	4.90	4.98	5.01	5.04	4.77	4.82	4.86	4.96	4.98	5.02	4.98	5.05	5.09	5.07	2.1%
Distillate Fuel	4.19	5.78	5.66	5.65	5.71	5.73	5.74	5.78	5.82	5.87	5.95	5.95	5.94	5.97	5.98	6.01	6.03	6.03	6.01	6.02	6.02	6.03	1.7%
Liquefied Petroleum Gas	9.21	11.34	11.14	11.12	11.09	11.16	11.09	11.10	11.11	11.14	11.18	11.16	11.16	11.16	11.05	10.93	11.07	10.95	10.98	10.99	11.02	11.10	0.9%
Residual Fuel	2.43	3.86	3.67	3.67	3.68	3.71	3.72	3.73	3.75	3.76	3.76	3.78	3.78	3.79	3.81	3.82	3.84	3.85	3.87	3.88	3.90	3.92	2.2%
Natural Gas 5/	3.60	3.77	3.75	3.79	3.85	3.92	4.00	4.06	4.11	4.13	4.13	4.13	4.13	4.13	4.13	4.14	4.16	4.18	4.20	4.22	4.24	4.28	0.8%
Metallurgical Coal	1.72	1.75	1.72	1.71	1.69	1.67	1.66	1.65	1.63	1.62	1.61	1.60	1.59	1.57	1.57	1.56	1.55	1.54	1.53	1.51	1.50	1.50	-0.6%
Steam Coal	1.37	1.29	1.29	1.27	1.26	1.24	1.22	1.20	1.18	1.17	1.16	1.14	1.13	1.12	1.11	1.11	1.09	1.09	1.08	1.07	1.07	1.06	-1.2%
Electricity	17.16	16.79	16.13	15.51	14.97	14.70	14.43	14.51	14.22	13.95	13.49	13.95	13.64	13.53	13.47	13.93	13.98	13.87	13.81	13.80	13.86	14.02	-0.9%
<b>Transportation</b>	7.44	9.46	9.19	9.14	9.17	9.19	9.18	9.17	9.20	9.22	9.22	9.21	9.20	9.18	9.16	9.13	9.13	9.09	9.07	9.05	9.02	9.01	0.9%
Primary Energy	7.40	9.43	9.15	9.11	9.14	9.15	9.14	9.13	9.17	9.18	9.18	9.17	9.16	9.14	9.12	9.09	9.09	9.04	9.03	9.00	8.98	8.96	0.9%
Petroleum Products 2/	7.40	9.43	9.15	9.11	9.14	9.15	9.14	9.13	9.16	9.18	9.18	9.16	9.15	9.13	9.10	9.07	9.07	9.03	9.01	8.98	8.96	8.94	0.9%
Distillate Fuel 6/	7.72	9.56	9.40	9.37	9.41	9.39	9.40	9.43	9.43	9.45	9.49	9.47	9.46	9.46	9.45	9.45	9.44	9.42	9.40	9.38	9.36	9.34	0.9%
Jet Fuel 7/	4.10	5.67	5.51	5.52	5.61	5.62	5.66	5.73	5.76	5.80	5.87	5.86	5.85	5.85	5.84	5.84	5.84	5.84	5.84	5.84	5.84	5.84	1.6%
Motor Gasoline 8/	8.34	10.57	10.24	10.19	10.23	10.26	10.25	10.22	10.27	10.29	10.28	10.27	10.28	10.26	10.23	10.20	10.22	10.17	10.16	10.14	10.12	10.10	0.9%
Residual Fuel	1.99	3.44	3.25	3.24	3.25	3.29	3.30	3.31	3.32	3.33	3.33	3.35	3.34	3.35	3.37	3.38	3.40	3.41	3.43	3.44	3.46	3.48	2.6%
Liquid Petroleum Gas 9/	10.95	14.67	14.45	14.40	14.35	14.38	14.28	14.27	14.24	14.25	14.26	14.21	14.19	14.16	14.03	13.88	13.99	13.84	13.84	13.82	13.82	13.86	1.1%
Natural Gas 10/	6.81	7.25	7.12	7.10	7.15	7.25	7.40	7.56	7.73	7.86	7.95	8.04	8.11	8.18	8.21	8.23	8.28	8.28	8.29	8.29	8.29	8.31	0.9%
Ethanol (E85) 11/	14.35	18.44	17.89	17.83	18.16	18.20	18.26	18.21	18.30	18.35	18.37	18.39	18.41	18.41	18.41	18.42	18.45	18.44	18.45	18.46	18.47	18.47	1.2%
Methanol (M85) 12/	8.99	13.84	13.81	13.81	14.19	14.21	14.23	14.22	14.25	14.27	14.28	14.29	14.31	14.30	14.30	14.30	14.32	14.31	14.32	14.32	14.32	14.32	2.1%
Electricity	21.23	19.81	19.22	18.68	18.20	17.90	17.50	17.34	17.18	16.96	16.67	16.96	16.65	16.61	16.64	16.72	16.70	16.62	16.66	16.70	16.67	16.62	-1.1%
<b>Average End-Use Energy</b>	9.18	10.00	9.74	9.62	9.56	9.54	9.49	9.51	9.49	9.46	9.40	9.47	9.39	9.38	9.36	9.43	9.44	9.44	9.41	9.42	9.43	9.44	0.1%
Primary Energy	8.76	9.72	9.46	9.35	9.30	9.29	9.25	9.26	9.25	9.23	9.18	9.24	9.17	9.15	9.13	9.19	9.20	9.19	9.17	9.18	9.18	9.19	0.2%
Electricity	26.83	25.73	24.86	24.05	23.38	23.13	22.68	22.74	22.27	21.87	21.34	21.83	21.47	21.36	21.28	21.74	21.78	21.71	21.62	21.65	21.70	21.83	-0.9%
<b>Electric Generators 13/</b>																							
Fossil Fuel Average	1.67	1.77	1.68	1.66	1.65	1.69	1.71	1.74	1.79	1.82	1.82	1.91	1.93	1.94	1.97	2.01	2.07	2.11	2.13	2.13	2.13	2.16	1.2%
Petroleum Products	2.10	3.41	3.21	3.21	3.22	3.24	3.25	3.27	3.28	3.30	3.31	3.33	3.34	3.35	3.37	3.40	3.41	3.43	3.45	3.47	3.49	3.50	2.3%
Distillate Fuel	3.01	4.97	4.85	4.84	4.90	4.91	4.93	4.97	5.01	5.06	5.14	5.13	5.12	5.16	5.17	5.19	5.22	5.22	5.20	5.20	5.21	5.22	2.5%
Residual Fuel	2.08	3.37	3.18	3.18	3.19	3.22	3.23	3.25	3.26	3.27	3.28	3.29	3.29	3.31	3.32	3.33	3.35	3.37	3.38	3.39	3.41	3.43	2.3%
Natural Gas	2.65	2.87	2.82	2.87	2.94	3.04	3.06	3.15	3.20	3.23	3.26	3.24	3.26	3.27	3.27	3.31	3.35	3.38	3.41	3.44	3.46	3.50	1.3%
Steam Coal	1.40	1.43	1.37	1.35	1.34	1.33	1.31	1.30	1.29	1.28	1.26	1.28	1.28	1.27	1.26	1.25	1.24	1.23	1.21	1.20	1.19	1.19	-0.7%

**Table 12. Energy Prices by Sector and Source (2 of 2)**  
**(1998 Dollars per Million Btu, Unless Otherwise Noted)**  
**02 - Middle Atlantic**

	1998	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1998-2020
Average Price to All Users 14/																							
Petroleum Products 2/	6.32	8.20	8.00	8.01	8.06	8.05	8.06	8.07	8.13	8.17	8.21	8.20	8.20	8.20	8.19	8.20	8.20	8.19	8.18	8.18	8.17	8.15	1.2%
Distillate Fuel	6.57	8.27	8.13	8.12	8.18	8.18	8.20	8.24	8.26	8.30	8.36	8.35	8.35	8.36	8.37	8.38	8.39	8.39	8.37	8.37	8.36	8.36	1.1%
Jet Fuel	4.10	5.67	5.51	5.52	5.61	5.62	5.66	5.73	5.76	5.80	5.87	5.86	5.85	5.85	5.84	5.84	5.84	5.84	5.84	5.84	5.84	5.84	1.6%
Liquefied Petroleum Gas	11.55	14.64	14.42	14.38	14.33	14.38	14.29	14.28	14.04	13.95	13.96	13.87	14.20	14.17	14.04	13.89	14.00	13.86	13.86	13.85	13.85	13.90	0.8%
Motor Gasoline 8/	8.34	10.57	10.25	10.19	10.23	10.26	10.25	10.22	10.27	10.30	10.28	10.27	10.28	10.26	10.23	10.20	10.22	10.17	10.16	10.14	10.12	10.11	0.9%
Residual Fuel	2.19	3.56	3.38	3.40	3.42	3.43	3.45	3.46	3.48	3.50	3.52	3.53	3.56	3.57	3.59	3.61	3.62	3.64	3.66	3.68	3.69	3.70	2.4%
Natural Gas	5.47	5.80	5.74	5.70	5.68	5.68	5.65	5.64	5.58	5.54	5.49	5.38	5.31	5.27	5.22	5.16	5.11	5.09	5.07	5.07	5.09	5.11	-0.3%
Coal	1.45	1.42	1.36	1.35	1.34	1.32	1.31	1.29	1.28	1.28	1.26	1.27	1.27	1.26	1.25	1.24	1.23	1.22	1.20	1.19	1.18	1.18	-0.9%
Ethanol (E85) 11/	14.35	18.44	17.89	17.83	18.16	18.20	18.26	18.21	18.30	18.35	18.37	18.39	18.41	18.41	18.41	18.42	18.45	18.44	18.45	18.46	18.47	18.47	1.2%
Methanol (M85) 12/	8.99	13.84	13.81	13.81	14.19	14.21	14.23	14.22	14.25	14.27	14.28	14.29	14.31	14.30	14.30	14.32	14.31	14.32	14.32	14.32	14.32	14.32	2.1%
Electricity	26.83	25.73	24.86	24.05	23.38	23.13	22.68	22.74	22.27	21.87	21.34	21.83	21.47	21.36	21.28	21.74	21.78	21.71	21.62	21.65	21.70	21.83	-0.9%
Non-Renewable Energy Expenditures																							
by Sector (billion 1998 dollars)																							
Residential	21.90	23.11	22.75	22.53	22.40	22.51	22.41	22.51	22.46	22.46	22.29	22.54	22.43	22.50	22.44	22.70	22.74	22.80	22.73	22.79	22.86	23.02	0.2%
Commercial	17.39	17.54	17.11	16.76	16.49	16.44	16.27	16.40	16.18	16.03	15.81	16.06	15.89	15.85	15.83	16.03	16.06	16.00	15.92	15.89	15.85	15.87	-0.4%
Industrial	9.35	10.14	9.90	9.87	9.96	10.09	10.21	10.39	10.45	10.47	10.35	10.56	10.32	10.37	10.46	10.76	10.89	10.91	10.91	11.00	11.11	11.23	0.8%
Transportation	20.39	26.83	26.44	26.70	27.13	27.60	27.95	28.29	28.72	29.07	29.34	29.61	29.80	29.95	30.13	30.34	30.62	30.67	30.79	30.90	31.00	31.13	1.9%
Total Non-Renewable Expend.	69.02	77.62	76.20	75.88	75.99	76.64	76.84	77.60	77.81	78.03	77.80	78.77	78.43	78.68	78.85	79.83	80.31	80.38	80.35	80.58	80.82	81.25	0.7%
Trans. Renewable Expend.	0.01	0.02	0.03	0.04	0.06	0.07	0.08	0.09	0.11	0.12	0.13	0.14	0.15	0.15	0.16	0.17	0.17	0.18	0.18	0.18	0.18	0.18	16.9%
Total Expenditures	69.03	77.64	76.24	75.92	76.05	76.70	76.92	77.69	77.91	78.15	77.93	78.91	78.58	78.83	79.01	79.99	80.48	80.56	80.53	80.76	81.00	81.43	0.8%

1/ Weighted average price includes fuels below as well as coal.

2/ This quantity is the weighted average for all petroleum products, not just those listed below.

3/ Excludes independent power producers.

4/ Includes cogenerators.

5/ Excludes uses for lease and plant fuel.

6/ Low sulfur diesel fuel. Price includes Federal and State taxes while excluding county and local taxes.

7/ Kerosene-type jet fuel. Price includes Federal and State taxes while excluding county and local taxes.

8/ Sales weighted-average price for all grades. Includes Federal and State taxes and assumes county and local taxes of 2 cents per gallon.

9/ Includes Federal and State taxes while excluding county and local taxes.

10/ Compressed natural gas used as a vehicle fuel. Price includes estimated motor vehicle fuel taxes.

11/ E85 is 85 percent ethanol (renewable) and 15 percent motor gasoline (nonrenewable).

12/ M85 is 85 percent methanol and 15 percent motor gasoline.

13/ Includes all electric power generators except cogenerators, which produce electricity and other useful thermal energy. Includes small power producers and exempt wholesale generators.

14/ Weighted averages of end-use fuel prices are derived from the prices shown in each sector and the corresponding sectoral consumption.

Btu = British thermal unit.

Expend. = Expenditures.

Trans. = Transportation.

Note: Totals may not equal sum of components due to independent rounding. The historical data used were the most current available as of July 31, 1999. At that time, most regional data for 1998 were not available. The numbers presented for 1998 are estimates and may differ from official EIA data reports. Also, please see EIA data publications and the Short-Term Energy Outlook for the latest estimates for 1999.

Sources: 1998 prices for gasoline, distillate, and jet fuel are based on prices in various issues of Energy Information Administration (EIA), Petroleum Marketing Monthly, DOE/EIA-0380 (98/03-99/04) (Washington, DC, 1998-99). 1998 prices for all other petroleum products are derived from the EIA, State Energy Price and Expenditure Report 1995, DOE/EIA-0376(95) (Washington, DC, August 1998). 1998 industrial gas delivered prices are based on EIA, Consumption Survey 1994. 1998 residential and commercial natural gas delivered prices: EIA Natural Gas Monthly, DOE/EIA-0130(99/06) (Washington, DC, June 1999). 1998 coal prices based on EIA, Quarterly Coal Report, DOE/EIA-0121(99/1Q) (Washington, DC, August 1999), and EIA, AEO 2000 National Energy Modeling System run AEO2K.D100199A. 1998 electricity prices for commercial, industrial, and transportation: EIA, AEO2000 National Energy Modeling System run AEO2K.D100199A. Projections: EIA, AEO2000 National Energy Modeling System run AEO2K.D100199A.

**Table 13. Energy Prices by Sector and Source (1 of 2)**  
**(1998 Dollars per Million Btu, Unless Otherwise Noted)**  
**03 - East North Central**

	1998	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1998-2020
<b>Residential</b>	10.37	10.28	10.23	10.15	10.12	10.16	10.13	10.18	10.20	10.25	10.14	10.17	10.13	10.13	10.15	10.17	10.25	10.20	10.26	10.26	10.23	10.22	-0.1%
Primary Energy 1/	5.78	6.18	6.14	6.12	6.12	6.14	6.16	6.19	6.21	6.20	6.18	6.16	6.15	6.14	6.12	6.11	6.10	6.08	6.07	6.07	6.07	6.09	0.2%
Petroleum Products 2/	7.37	9.59	9.47	9.49	9.54	9.61	9.61	9.66	9.69	9.75	9.83	9.82	9.82	9.90	9.89	9.89	9.95	9.96	10.00	10.06	10.12	10.19	1.5%
Distillate Fuel	5.64	7.02	6.91	6.90	6.95	6.97	6.99	7.03	7.06	7.11	7.20	7.17	7.15	7.17	7.17	7.19	7.22	7.22	7.25	7.31	7.36	7.42	1.3%
Liquefied Petroleum Gas	9.07	11.93	11.75	11.73	11.70	11.76	11.69	11.71	11.71	11.74	11.78	11.76	11.76	11.88	11.85	11.83	11.90	11.92	11.96	12.02	12.07	12.15	1.3%
Natural Gas	5.59	5.78	5.75	5.73	5.72	5.74	5.77	5.79	5.81	5.80	5.78	5.76	5.75	5.73	5.72	5.71	5.70	5.68	5.67	5.66	5.67	5.69	0.1%
Electricity	23.59	22.31	22.00	21.53	21.24	21.17	20.80	20.74	20.61	20.63	20.14	20.15	19.96	19.88	19.91	19.92	20.16	19.92	20.09	20.02	19.81	19.67	-0.8%
<b>Commercial</b>	11.43	11.36	11.20	11.02	10.87	10.78	10.65	10.64	10.61	10.54	10.34	10.31	10.22	10.17	10.18	10.19	10.29	10.21	10.26	10.24	10.18	10.16	-0.5%
Primary Energy 1/	5.05	5.40	5.37	5.34	5.34	5.35	5.38	5.40	5.43	5.42	5.41	5.39	5.38	5.38	5.37	5.36	5.36	5.35	5.35	5.35	5.36	5.39	0.3%
Petroleum Products 2/	5.72	7.50	7.34	7.33	7.35	7.39	7.39	7.42	7.44	7.48	7.55	7.53	7.52	7.57	7.56	7.55	7.60	7.61	7.64	7.70	7.74	7.81	1.4%
Distillate Fuel	3.68	5.14	5.02	5.02	5.07	5.08	5.10	5.14	5.18	5.23	5.31	5.29	5.26	5.28	5.28	5.30	5.34	5.34	5.36	5.42	5.47	5.54	1.9%
Residual Fuel	2.39	2.84	2.67	2.68	2.70	2.72	2.73	2.75	2.76	2.78	2.80	2.81	2.83	2.84	2.86	2.88	2.89	2.91	2.93	2.94	2.96	2.97	1.0%
Natural Gas 3/	5.11	5.37	5.34	5.31	5.31	5.32	5.35	5.38	5.40	5.40	5.38	5.36	5.35	5.35	5.34	5.33	5.32	5.32	5.31	5.31	5.32	5.35	0.2%
Electricity	21.27	20.57	20.19	19.69	19.25	18.94	18.50	18.38	18.21	18.00	17.47	17.40	17.14	16.99	17.03	17.04	17.30	17.10	17.22	17.16	16.96	16.85	-1.1%
<b>Industrial 4/</b>	4.99	5.51	5.43	5.39	5.36	5.36	5.34	5.38	5.41	5.43	5.39	5.39	5.37	5.38	5.40	5.43	5.50	5.49	5.53	5.54	5.54	5.57	0.5%
Primary Energy	3.22	3.87	3.83	3.83	3.85	3.88	3.91	3.94	3.97	3.99	4.01	4.01	4.02	4.05	4.05	4.07	4.10	4.11	4.13	4.15	4.18	4.22	1.2%
Petroleum Products 2/	4.45	5.92	5.78	5.76	5.77	5.77	5.76	5.77	5.79	5.82	5.86	5.84	5.84	5.90	5.89	5.90	5.94	5.95	5.97	6.01	6.04	6.07	1.4%
Distillate Fuel	4.04	5.59	5.47	5.46	5.51	5.53	5.55	5.59	5.63	5.68	5.76	5.73	5.71	5.73	5.73	5.75	5.78	5.79	5.81	5.87	5.92	5.98	1.8%
Liquefied Petroleum Gas	9.17	11.24	11.06	11.04	11.01	11.07	11.00	11.02	11.02	11.05	11.09	11.07	11.07	11.19	11.16	11.14	11.20	11.22	11.26	11.33	11.38	11.46	1.0%
Residual Fuel	2.52	2.88	2.71	2.73	2.74	2.76	2.77	2.79	2.81	2.82	2.84	2.85	2.87	2.89	2.90	2.92	2.93	2.95	2.97	2.98	3.00	3.01	0.8%
Natural Gas 5/	3.01	3.26	3.26	3.28	3.32	3.37	3.45	3.50	3.55	3.57	3.57	3.57	3.58	3.59	3.60	3.61	3.63	3.64	3.66	3.67	3.70	3.74	1.0%
Metallurgical Coal	1.74	1.77	1.75	1.73	1.71	1.70	1.68	1.66	1.65	1.64	1.62	1.62	1.60	1.59	1.58	1.57	1.57	1.56	1.54	1.53	1.52	1.51	-0.6%
Steam Coal	1.40	1.33	1.32	1.30	1.30	1.28	1.26	1.25	1.24	1.22	1.21	1.19	1.17	1.16	1.15	1.14	1.14	1.12	1.11	1.10	1.09	1.08	-1.2%
Electricity	12.49	12.60	12.41	12.11	11.83	11.68	11.48	11.52	11.55	11.52	11.21	11.21	11.02	10.94	10.98	11.01	11.26	11.11	11.21	11.15	11.00	10.95	-0.6%
<b>Transportation</b>	8.03	9.87	9.59	9.55	9.56	9.57	9.58	9.56	9.60	9.62	9.64	9.63	9.63	9.64	9.63	9.64	9.65	9.64	9.63	9.62	9.61	9.60	0.8%
Primary Energy	8.01	9.85	9.58	9.53	9.55	9.56	9.57	9.55	9.59	9.61	9.63	9.62	9.61	9.62	9.62	9.62	9.63	9.62	9.62	9.61	9.60	9.58	0.8%
Petroleum Products 2/	8.01	9.85	9.58	9.54	9.55	9.56	9.57	9.55	9.59	9.61	9.63	9.62	9.61	9.62	9.62	9.62	9.63	9.62	9.62	9.60	9.59	9.58	0.8%
Distillate Fuel 6/	7.58	9.24	9.08	9.06	9.09	9.08	9.09	9.11	9.11	9.13	9.21	9.19	9.18	9.20	9.21	9.23	9.26	9.26	9.25	9.25	9.24	9.24	0.9%
Jet Fuel 7/	3.92	5.32	5.16	5.19	5.26	5.28	5.32	5.39	5.42	5.46	5.57	5.56	5.54	5.56	5.56	5.60	5.68	5.68	5.68	5.67	5.67	5.67	1.7%
Motor Gasoline 8/	8.67	10.65	10.32	10.27	10.28	10.30	10.31	10.27	10.32	10.34	10.34	10.33	10.33	10.34	10.34	10.34	10.34	10.33	10.33	10.32	10.31	10.30	0.8%
Residual Fuel	2.48	3.09	2.91	2.93	2.94	2.96	2.98	2.99	3.01	3.02	3.04	3.06	3.07	3.09	3.11	3.12	3.14	3.16	3.17	3.19	3.21	3.22	1.2%
Liquid Petroleum Gas 9/	12.67	14.96	14.75	14.70	14.65	14.68	14.58	14.56	14.54	14.54	14.55	14.50	14.48	14.57	14.52	14.47	14.51	14.50	14.51	14.54	14.56	14.60	0.6%
Natural Gas 10/	6.98	7.39	7.33	7.31	7.34	7.41	7.52	7.63	7.76	7.83	7.88	7.93	7.97	8.01	8.02	8.04	8.04	8.04	8.03	8.02	8.02	8.04	0.6%
Ethanol (E85) 11/	14.35	16.17	15.73	15.65	15.98	16.01	16.06	16.00	16.08	16.12	16.13	16.14	16.14	16.15	16.16	16.17	16.18	16.18	16.19	16.19	16.19	16.19	0.6%
Methanol (M85) 12/	8.99	11.58	11.47	11.59	13.68	13.70	14.09	14.09	14.49	14.51	14.52	14.53	14.54	14.56	14.57	14.59	14.60	14.61	14.62	14.63	14.64	14.65	2.2%
Electricity	15.87	15.12	14.76	14.41	14.13	13.88	13.53	13.31	13.13	12.83	12.55	12.65	12.48	12.37	12.28	12.20	12.19	12.09	12.00	11.93	11.83	11.75	-1.4%
<b>Average End-Use Energy</b>	7.84	8.62	8.48	8.41	8.37	8.36	8.33	8.34	8.37	8.38	8.34	8.34	8.31	8.31	8.32	8.33	8.38	8.36	8.39	8.38	8.36	8.36	0.3%
Primary Energy	7.71	8.60	8.45	8.38	8.35	8.34	8.32	8.32	8.35	8.37	8.33	8.33	8.31	8.31	8.32	8.33	8.38	8.36	8.38	8.38	8.36	8.36	0.4%
Electricity	18.41	17.96	17.70	17.29	16.94	16.76	16.43	16.39	16.31	16.25	15.84	15.82	15.62	15.52	15.54	15.55	15.78	15.60	15.72	15.65	15.46	15.36	-0.8%
<b>Electric Generators 13/</b>																							
Fossil Fuel Average	1.32	1.35	1.28	1.26	1.23	1.20	1.20	1.20	1.23	1.25	1.24	1.28	1.29	1.29	1.29	1.30	1.32	1.32	1.35	1.37	1.38	1.38	0.2%
Petroleum Products	2.94	4.47	4.32	4.44	4.46	4.53	4.59	4.61	4.64	4.73	4.86	4.83	4.85	4.90	4.93	4.93	4.96	4.98	5.02	5.08	5.14	5.19	2.6%
Distillate Fuel	3.23	4.92	4.80	4.80	4.85	4.87	4.88	4.92	4.96	5.01	5.09	5.07	5.05	5.07	5.07	5.08	5.12	5.12	5.15	5.21	5.26	5.32	2.3%
Residual Fuel	2.71	3.42	3.24	3.26	3.27	3.29	3.31	3.32	3.34	3.35	3.37	3.39	3.40	3.42	3.43	3.45	3.47	3.48	3.50	3.52	3.53	3.55	1.2%
Natural Gas	1.75	2.14	2.15	2.16	2.21	2.29	2.35	2.41	2.46	2.47	2.60	2.67	2.68	2.72	2.75	2.76	2.77	2.80	2.81	2.84	2.89	2.94	2.4%
Steam Coal	1.29	1.28	1.23	1.21	1.17	1.15	1.14	1.13	1.14	1.14	1.10	1.12	1.11	1.10	1.09	1.08	1.07	1.06	1.05	1.05	1.03	1.02	-1.0%

**Table 13. Energy Prices by Sector and Source (2 of 2)**  
**(1998 Dollars per Million Btu, Unless Otherwise Noted)**  
**03 - East North Central**

	1998	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1998-2020
Average Price to All Users 14/																							
Petroleum Products 2/	7.18	8.97	8.74	8.71	8.72	8.74	8.74	8.73	8.76	8.79	8.82	8.81	8.81	8.82	8.82	8.82	8.83	8.83	8.83	8.83	8.83	8.83	0.9%
Distillate Fuel	6.74	8.40	8.25	8.24	8.28	8.27	8.28	8.30	8.31	8.34	8.41	8.39	8.37	8.39	8.38	8.40	8.43	8.42	8.42	8.43	8.43	8.44	1.0%
Jet Fuel	3.92	5.32	5.16	5.19	5.26	5.28	5.32	5.39	5.42	5.46	5.57	5.56	5.54	5.56	5.56	5.60	5.68	5.68	5.68	5.67	5.67	5.67	1.7%
Liquefied Petroleum Gas	9.24	11.63	11.46	11.45	11.44	11.51	11.44	11.46	11.47	11.50	11.54	11.52	11.52	11.64	11.62	11.59	11.66	11.68	11.71	11.77	11.82	11.90	1.2%
Motor Gasoline 8/	8.67	10.65	10.32	10.27	10.28	10.30	10.31	10.27	10.32	10.34	10.34	10.33	10.33	10.34	10.34	10.34	10.34	10.33	10.33	10.32	10.31	10.30	0.8%
Residual Fuel	2.61	2.99	2.79	2.79	2.80	2.81	2.83	2.84	2.86	2.87	2.88	2.90	2.91	2.93	2.94	2.96	2.98	3.00	3.01	3.03	3.05	3.06	0.7%
Natural Gas	4.38	4.56	4.58	4.57	4.57	4.62	4.62	4.65	4.63	4.60	4.57	4.54	4.52	4.51	4.49	4.47	4.43	4.42	4.38	4.36	4.37	4.40	0.0%
Coal	1.32	1.29	1.24	1.22	1.19	1.17	1.15	1.15	1.15	1.15	1.11	1.13	1.12	1.11	1.10	1.08	1.08	1.06	1.06	1.05	1.04	1.03	-1.1%
Ethanol (E85) 11/	14.35	16.17	15.73	15.65	15.98	16.01	16.06	16.00	16.08	16.12	16.13	16.14	16.14	16.15	16.16	16.17	16.18	16.18	16.19	16.19	16.19	16.19	0.6%
Methanol (M85) 12/	8.99	11.58	11.47	11.59	13.68	13.70	14.09	14.09	14.49	14.51	14.52	14.53	14.54	14.56	14.57	14.59	14.60	14.61	14.62	14.63	14.64	14.65	2.2%
Electricity	18.41	17.96	17.70	17.29	16.94	16.76	16.43	16.39	16.31	16.25	15.84	15.82	15.62	15.52	15.54	15.55	15.78	15.60	15.72	15.65	15.46	15.36	-0.8%
Non-Renewable Energy Expenditures by Sector (billion 1998 dollars)																							
Residential	22.72	24.09	24.00	23.90	23.92	24.16	24.11	24.29	24.43	24.69	24.50	24.67	24.67	24.83	24.92	25.08	25.38	25.43	25.62	25.72	25.77	25.95	0.6%
Commercial	16.27	16.83	16.77	16.64	16.54	16.54	16.49	16.60	16.68	16.72	16.58	16.67	16.67	16.71	16.82	16.92	17.14	17.07	17.18	17.17	17.09	17.05	0.2%
Industrial	18.34	20.13	19.93	20.00	20.29	20.61	20.90	21.26	21.59	21.82	21.72	21.90	21.88	22.11	22.44	22.81	23.38	23.40	23.74	23.97	24.19	24.55	1.3%
Transportation	29.21	37.16	36.77	37.21	37.81	38.51	39.15	39.63	40.32	40.87	41.35	41.77	42.05	42.40	42.75	43.20	43.63	43.85	44.07	44.28	44.47	44.68	2.0%
Total Non-Renewable Expend.	86.53	98.21	97.46	97.74	98.56	99.81	100.64	101.78	103.01	104.10	104.16	105.00	105.27	106.05	106.95	108.01	109.53	109.75	110.60	111.15	111.51	112.23	1.2%
Trans. Renewable Expend.	0.01	0.02	0.03	0.04	0.06	0.07	0.08	0.10	0.11	0.12	0.14	0.15	0.16	0.16	0.17	0.18	0.19	0.19	0.19	0.20	0.20	0.20	16.5%
Total Expenditures	86.54	98.24	97.49	97.79	98.61	99.88	100.73	101.88	103.12	104.22	104.30	105.15	105.43	106.22	107.12	108.19	109.71	109.94	110.79	111.34	111.71	112.42	1.2%

1/ Weighted average price includes fuels below as well as coal.

2/ This quantity is the weighted average for all petroleum products, not just those listed below.

3/ Excludes independent power producers.

4/ Includes cogenerators.

5/ Excludes uses for lease and plant fuel.

6/ Low sulfur diesel fuel. Price includes Federal and State taxes while excluding county and local taxes.

7/ Kerosene-type jet fuel. Price includes Federal and State taxes while excluding county and local taxes.

8/ Sales weighted-average price for all grades. Includes Federal and State taxes and assumes county and local taxes of 2 cents per gallon.

9/ Includes Federal and State taxes while excluding county and local taxes.

10/ Compressed natural gas used as a vehicle fuel. Price includes estimated motor vehicle fuel taxes.

11/ E85 is 85 percent ethanol (renewable) and 15 percent motor gasoline (nonrenewable).

12/ M85 is 85 percent methanol and 15 percent motor gasoline.

13/ Includes all electric power generators except cogenerators, which produce electricity and other useful thermal energy. Includes small power producers and exempt wholesale generators.

14/ Weighted averages of end-use fuel prices are derived from the prices shown in each sector and the corresponding sectoral consumption.

Btu = British thermal unit.

Expend. = Expenditures.

Trans. = Transportation.

Note: Totals may not equal sum of components due to independent rounding. The historical data used were the most current available as of July 31, 1999. At that time, most regional data for 1998 were not available. The numbers presented for 1998 are estimates and may differ from official EIA data reports. Also, please see EIA data publications and the Short-Term Energy Outlook for the latest estimates for 1999. Sources: 1998 prices for gasoline, distillate, and jet fuel are based on prices in various issues of Energy Information Administration (EIA), Petroleum Marketing Monthly, DOE/EIA-0380 (98/03-99/04) (Washington, DC, 1998-99). 1998 prices for all other petroleum products are derived from the EIA, State Energy Price and Expenditure Report 1995, DOE/EIA-0376(95) (Washington, DC, August 1998). 1998 industrial gas delivered prices are based on EIA, Consumption Survey 1994. 1998 residential and commercial natural gas delivered prices: EIA Natural Gas Monthly, DOE/EIA-0130(99/06) (Washington, DC, June 1999). 1998 coal prices based on EIA, Quarterly Coal Report, DOE/EIA-0121(99/1Q) (Washington, DC, August 1999), and EIA, AEO 2000 National Energy Modeling System run AEO2K.D100199A. 1998 electricity prices for commercial, industrial, and transportation: EIA, AEO2000 National Energy Modeling System run AEO2K.D100199A. Projections: EIA, AEO2000 National Energy Modeling System run AEO2K.D100199A.

**Table 14. Energy Prices by Sector and Source (1 of 2)**  
**(1998 Dollars per Million Btu, Unless Otherwise Noted)**  
**04 - West North Central**

	1998	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1998-2020	
<b>Residential</b>	11.24	11.12	11.08	11.02	11.02	11.06	10.94	10.99	11.02	11.08	11.07	11.10	11.02	10.95	10.95	10.95	10.99	10.98	10.99	10.99	10.98	10.97	10.97	-0.1%
Primary Energy 1/	5.85	6.33	6.30	6.27	6.27	6.29	6.29	6.30	6.30	6.28	6.25	6.22	6.20	6.19	6.16	6.13	6.11	6.09	6.08	6.07	6.08	6.11	6.11	0.2%
Petroleum Products 2/	6.55	8.65	8.48	8.47	8.48	8.53	8.50	8.53	8.54	8.59	8.64	8.63	8.63	8.72	8.71	8.70	8.76	8.78	8.82	8.88	8.94	9.02	9.02	1.5%
Distillate Fuel	5.19	6.71	6.58	6.58	6.63	6.64	6.67	6.71	6.75	6.80	6.88	6.87	6.86	6.90	6.91	6.94	6.99	7.00	7.03	7.10	7.16	7.23	7.23	1.5%
Liquefied Petroleum Gas	7.27	9.64	9.45	9.43	9.40	9.46	9.40	9.41	9.41	9.45	9.49	9.47	9.47	9.59	9.57	9.54	9.61	9.63	9.68	9.74	9.80	9.88	9.88	1.4%
Natural Gas	5.74	5.88	5.88	5.86	5.87	5.89	5.91	5.92	5.93	5.90	5.87	5.84	5.83	5.81	5.79	5.76	5.74	5.71	5.70	5.70	5.71	5.73	5.73	0.0%
Electricity	21.59	20.56	20.39	20.17	20.08	20.05	19.55	19.57	19.58	19.70	19.64	19.70	19.43	19.16	19.12	19.11	19.19	19.17	19.14	19.09	18.97	18.82	18.82	-0.6%
<b>Commercial</b>	10.60	10.55	10.45	10.38	10.36	10.35	10.23	10.27	10.29	10.30	10.26	10.27	10.15	10.06	10.03	10.04	10.07	10.06	10.07	10.07	10.06	10.05	10.05	-0.2%
Primary Energy 1/	4.67	5.06	5.04	5.04	5.05	5.08	5.11	5.13	5.15	5.14	5.13	5.11	5.11	5.11	5.10	5.08	5.07	5.06	5.06	5.07	5.10	5.13	5.13	0.4%
Petroleum Products 2/	5.40	7.20	7.02	7.01	7.03	7.07	7.06	7.08	7.11	7.15	7.22	7.20	7.20	7.27	7.26	7.27	7.32	7.33	7.37	7.43	7.48	7.55	7.55	1.5%
Distillate Fuel	3.76	5.02	4.88	4.88	4.93	4.95	4.97	5.01	5.05	5.10	5.18	5.18	5.17	5.20	5.22	5.25	5.29	5.31	5.34	5.41	5.47	5.54	5.54	1.8%
Residual Fuel	2.01	2.62	2.45	2.47	2.48	2.50	2.51	2.53	2.55	2.56	2.58	2.59	2.61	2.63	2.64	2.66	2.68	2.69	2.71	2.72	2.74	2.76	2.76	1.4%
Natural Gas 3/	4.71	4.96	4.96	4.96	4.98	5.00	5.04	5.06	5.08	5.07	5.05	5.03	5.03	5.02	5.01	4.99	4.98	4.97	4.96	4.97	4.99	5.03	5.03	0.3%
Electricity	19.92	19.17	18.86	18.61	18.48	18.37	17.92	17.93	17.93	17.93	17.82	17.84	17.50	17.23	17.16	17.16	17.26	17.24	17.24	17.21	17.13	17.03	17.03	-0.7%
<b>Industrial 4/</b>	5.05	5.46	5.38	5.36	5.37	5.38	5.33	5.35	5.38	5.40	5.42	5.43	5.38	5.36	5.36	5.37	5.39	5.39	5.40	5.42	5.44	5.46	5.46	0.4%
Primary Energy	3.48	4.10	4.04	4.05	4.08	4.11	4.13	4.15	4.18	4.21	4.23	4.23	4.23	4.26	4.26	4.27	4.30	4.30	4.32	4.35	4.39	4.43	4.43	1.1%
Petroleum Products 2/	4.85	5.97	5.81	5.79	5.81	5.83	5.81	5.83	5.86	5.90	5.95	5.93	5.93	5.97	5.97	5.98	6.02	6.03	6.05	6.10	6.14	6.19	6.19	1.1%
Distillate Fuel	4.10	5.53	5.40	5.40	5.45	5.46	5.49	5.53	5.57	5.62	5.70	5.69	5.68	5.72	5.73	5.76	5.81	5.82	5.85	5.92	5.98	6.05	6.05	1.8%
Liquefied Petroleum Gas	6.86	8.63	8.43	8.41	8.38	8.45	8.38	8.39	8.40	8.43	8.47	8.45	8.45	8.57	8.55	8.53	8.60	8.62	8.66	8.72	8.78	8.86	8.86	1.2%
Residual Fuel	2.31	2.65	2.48	2.49	2.51	2.52	2.54	2.56	2.57	2.59	2.61	2.62	2.64	2.65	2.67	2.69	2.70	2.72	2.73	2.75	2.77	2.78	2.78	0.9%
Natural Gas 5/	2.88	3.09	3.13	3.17	3.23	3.29	3.36	3.40	3.44	3.45	3.45	3.45	3.45	3.46	3.46	3.46	3.46	3.47	3.47	3.49	3.52	3.57	3.57	1.0%
Metallurgical Coal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Steam Coal	1.09	1.06	1.04	1.03	1.02	1.01	1.00	0.99	0.98	0.98	0.97	0.95	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.85	-1.1%
Electricity	12.35	11.96	11.83	11.66	11.55	11.43	11.06	11.06	11.06	11.07	11.05	11.09	10.77	10.54	10.50	10.47	10.46	10.41	10.38	10.32	10.24	10.15	10.15	-0.9%
<b>Transportation</b>	7.70	9.45	9.17	9.13	9.14	9.15	9.17	9.15	9.18	9.20	9.23	9.22	9.22	9.23	9.23	9.23	9.24	9.24	9.23	9.22	9.21	9.20	9.20	0.8%
Primary Energy	7.68	9.43	9.16	9.11	9.13	9.13	9.15	9.13	9.17	9.19	9.22	9.21	9.20	9.21	9.21	9.22	9.23	9.22	9.22	9.21	9.20	9.19	9.19	0.8%
Petroleum Products 2/	7.68	9.44	9.16	9.12	9.14	9.14	9.16	9.14	9.17	9.20	9.22	9.21	9.21	9.22	9.22	9.22	9.24	9.23	9.22	9.22	9.21	9.20	9.20	0.8%
Distillate Fuel 6/	7.36	8.92	8.75	8.73	8.76	8.75	8.76	8.78	8.78	8.80	8.88	8.87	8.86	8.88	8.89	8.92	8.95	8.94	8.94	8.94	8.93	8.93	8.93	0.9%
Jet Fuel 7/	4.37	5.56	5.40	5.42	5.50	5.51	5.55	5.62	5.65	5.69	5.80	5.79	5.78	5.80	5.81	5.84	5.93	5.94	5.93	5.93	5.93	5.93	5.93	1.4%
Motor Gasoline 8/	8.33	10.27	9.93	9.87	9.88	9.90	9.92	9.88	9.93	9.95	9.95	9.95	9.95	9.95	9.95	9.95	9.95	9.95	9.95	9.94	9.94	9.93	9.93	0.8%
Residual Fuel	1.67	1.98	1.80	1.81	1.83	1.84	1.86	1.88	1.89	1.91	1.93	1.94	1.96	1.97	1.99	2.01	2.03	2.04	2.06	2.07	2.09	2.11	2.11	1.1%
Liquid Petroleum Gas 9/	10.17	12.85	12.62	12.58	12.52	12.56	12.46	12.44	12.42	12.42	12.43	12.39	12.36	12.46	12.41	12.36	12.40	12.39	12.40	12.44	12.46	12.50	12.50	0.9%
Natural Gas 10/	5.03	5.56	5.52	5.51	5.59	5.71	5.88	6.06	6.25	6.39	6.50	6.59	6.68	6.76	6.80	6.83	6.85	6.86	6.86	6.87	6.89	6.93	6.93	1.5%
Ethanol (E85) 11/	14.35	16.86	16.40	16.33	16.35	16.39	16.44	16.37	16.46	16.50	16.51	16.52	16.52	16.54	16.54	16.55	16.56	16.56	16.57	16.57	16.58	16.57	16.57	0.7%
Methanol (M85) 12/	8.99	11.17	11.06	11.17	13.26	13.28	13.67	13.67	14.07	14.09	14.10	14.12	14.13	14.14	14.16	14.17	14.19	14.20	14.21	14.22	14.23	14.23	14.23	2.1%
Electricity	15.65	15.11	14.84	14.63	14.45	14.19	13.91	13.80	13.75	13.62	13.56	13.53	13.16	12.94	12.80	12.67	12.51	12.43	12.35	12.27	12.14	11.99	11.99	-1.2%
<b>Average End-Use Energy</b>	7.87	8.68	8.53	8.49	8.48	8.49	8.43	8.44	8.47	8.50	8.51	8.52	8.47	8.45	8.44	8.44	8.46	8.46	8.46	8.46	8.45	8.45	8.45	0.3%
Primary Energy	7.65	8.60	8.43	8.38	8.38	8.39	8.34	8.35	8.37	8.40	8.42	8.42	8.38	8.37	8.36	8.36	8.37	8.37	8.37	8.37	8.36	8.36	8.36	0.4%
Electricity	17.99	17.36	17.17	16.95	16.82	16.72	16.27	16.28	16.27	16.32	16.26	16.31	16.00	15.75	15.69	15.67	15.72	15.69	15.66	15.61	15.51	15.39	15.39	-0.7%
<b>Electric Generators 13/</b>																								
Fossil Fuel Average	0.95	0.96	0.96	0.94	0.93	0.93	0.92	0.93	0.93	0.93	0.92	0.93	0.94	0.95	0.95	0.96	1.00	1.00	1.00	1.00	0.99	0.99	0.99	0.2%
Petroleum Products	2.37	3.67	3.32	3.52	3.59	3.73	3.70	3.54	3.61	3.50	3.72	3.72	3.82	3.95	3.90	3.85	3.88	3.88	3.97	4.01	4.12	4.15	4.15	2.6%
Distillate Fuel	3.30	4.85	4.72	4.72	4.77	4.79	4.81	4.85	4.89	4.94	5.02	5.01	5.01	5.04	5.06	5.08	5.13	5.14	5.18	5.25	5.30	5.37	5.37	2.2%
Residual Fuel	1.82	2.39	2.21	2.23	2.24	2.26	2.27	2.29	2.31	2.32	2.34	2.35	2.37	2.39	2.40	2.42	2.44	2.45	2.47	2.48	2.50	2.52	2.52	1.5%
Natural Gas	2.16	2.46	2.46	2.49	2.55	2.73	2.84	2.95	2.99	3.05	3.09	3.12	3.15	3.18	3.17	3.17	3.15	3.17	3.17	3.19	3.23	3.28	3.28	1.9%
Steam Coal	0.90	0.91	0.93	0.92	0.90	0.89	0.88	0.87	0.87	0.86	0.85	0.84	0.83	0.82	0.82	0.81	0.80	0.80	0.79	0.78	0.77	0.76	0.76	-0.7%

**Table 14. Energy Prices by Sector and Source (2 of 2)**  
**(1998 Dollars per Million Btu, Unless Otherwise Noted)**  
**04 - West North Central**

	1998	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1998-2020
Average Price to All Users 14/																							
Petroleum Products 2/	7.00	8.63	8.39	8.36	8.38	8.40	8.40	8.40	8.43	8.45	8.49	8.48	8.48	8.50	8.50	8.50	8.52	8.51	8.52	8.52	8.52	8.53	0.9%
Distillate Fuel	6.37	7.90	7.74	7.73	7.77	7.76	7.77	7.80	7.81	7.84	7.92	7.91	7.89	7.92	7.92	7.95	7.98	7.97	7.98	8.00	8.00	8.02	1.1%
Jet Fuel	4.37	5.56	5.40	5.42	5.50	5.51	5.55	5.62	5.65	5.69	5.80	5.79	5.78	5.80	5.81	5.84	5.93	5.94	5.93	5.93	5.93	5.93	1.4%
Liquefied Petroleum Gas	7.11	9.19	9.00	8.99	8.96	9.03	8.96	8.98	8.98	9.01	9.05	9.03	9.03	9.15	9.12	9.09	9.16	9.18	9.22	9.28	9.28	9.33	1.3%
Motor Gasoline 8/	8.33	10.27	9.93	9.87	9.88	9.90	9.92	9.88	9.93	9.95	9.95	9.95	9.95	9.95	9.95	9.96	9.95	9.95	9.95	9.95	9.94	9.94	0.8%
Residual Fuel	1.99	2.52	2.34	2.38	2.40	2.43	2.44	2.44	2.46	2.46	2.50	2.52	2.53	2.56	2.57	2.58	2.59	2.61	2.64	2.65	2.68	2.69	1.4%
Natural Gas	4.30	4.57	4.62	4.64	4.66	4.68	4.70	4.71	4.72	4.70	4.68	4.65	4.63	4.62	4.59	4.56	4.50	4.48	4.48	4.48	4.50	4.54	0.2%
Coal	0.92	0.93	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.83	0.82	0.81	0.81	0.80	0.79	0.78	0.77	-0.8%
Ethanol (E85) 11/	14.35	16.86	16.40	16.33	16.35	16.39	16.44	16.37	16.46	16.50	16.51	16.52	16.52	16.54	16.54	16.55	16.56	16.56	16.57	16.57	16.58	16.57	0.7%
Methanol (M85) 12/	8.99	11.17	11.06	11.17	13.26	13.28	13.67	13.67	14.07	14.09	14.10	14.12	14.13	14.14	14.16	14.17	14.19	14.20	14.21	14.22	14.23	14.23	2.1%
Electricity	17.99	17.36	17.17	16.95	16.82	16.72	16.27	16.28	16.27	16.32	16.26	16.31	16.00	15.75	15.69	15.67	15.72	15.69	15.66	15.61	15.51	15.39	-0.7%
Non-Renewable Energy Expenditures by Sector (billion 1998 dollars)																							
Residential	9.41	10.04	10.01	9.99	10.02	10.12	10.02	10.10	10.16	10.28	10.29	10.37	10.35	10.37	10.40	10.46	10.55	10.63	10.66	10.72	10.77	10.85	0.6%
Commercial	6.67	6.98	6.99	7.00	7.04	7.08	7.07	7.15	7.22	7.30	7.34	7.41	7.40	7.41	7.44	7.49	7.55	7.57	7.60	7.61	7.60	7.59	0.6%
Industrial	7.04	7.65	7.58	7.66	7.82	7.97	8.03	8.16	8.28	8.39	8.47	8.55	8.51	8.57	8.68	8.80	8.94	8.99	9.08	9.20	9.33	9.47	1.4%
Transportation	14.81	18.87	18.67	18.92	19.27	19.64	20.00	20.26	20.64	20.96	21.27	21.52	21.71	21.94	22.17	22.44	22.71	22.86	23.01	23.16	23.28	23.42	2.1%
Total Non-Renewable Expend.	37.93	43.54	43.25	43.58	44.16	44.81	45.12	45.67	46.30	46.92	47.37	47.86	47.98	48.29	48.68	49.20	49.75	50.05	50.35	50.68	50.98	51.34	1.4%
Trans. Renewable Expend.	0.00	0.01	0.01	0.02	0.02	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.08	0.08	0.09	0.09	0.09	16.9%
Total Expenditures	37.93	43.55	43.26	43.60	44.18	44.85	45.16	45.71	46.35	46.98	47.43	47.92	48.05	48.36	48.76	49.28	49.84	50.14	50.43	50.77	51.07	51.42	1.4%

1/ Weighted average price includes fuels below as well as coal.

2/ This quantity is the weighted average for all petroleum products, not just those listed below.

3/ Excludes independent power producers.

4/ Includes cogenerators.

5/ Excludes uses for lease and plant fuel.

6/ Low sulfur diesel fuel. Price includes Federal and State taxes while excluding county and local taxes.

7/ Kerosene-type jet fuel. Price includes Federal and State taxes while excluding county and local taxes.

8/ Sales weighted-average price for all grades. Includes Federal and State taxes and assumes county and local taxes of 2 cents per gallon.

9/ Includes Federal and State taxes while excluding county and local taxes.

10/ Compressed natural gas used as a vehicle fuel. Price includes estimated motor vehicle fuel taxes.

11/ E85 is 85 percent ethanol (renewable) and 15 percent motor gasoline (nonrenewable).

12/ M85 is 85 percent methanol and 15 percent motor gasoline.

13/ Includes all electric power generators except cogenerators, which produce electricity and other useful thermal energy. Includes small power producers and exempt wholesale generators.

14/ Weighted averages of end-use fuel prices are derived from the prices shown in each sector and the corresponding sectoral consumption.

Btu = British thermal unit.

Expend. = Expenditures.

Trans. = Transportation.

Note: Totals may not equal sum of components due to independent rounding. The historical data used were the most current available as of July 31, 1999. At that time, most regional data for 1998 were not available. The numbers presented for 1998 are estimates and may differ from official EIA data reports. Also, please see EIA data publications and the Short-Term Energy Outlook for the latest estimates for 1999.

Sources: 1998 prices for gasoline, distillate, and jet fuel are based on prices in various issues of Energy Information Administration (EIA), Petroleum Marketing Monthly, DOE/EIA-0380 (98/03-99/04) (Washington, DC, 1998-99). 1998 prices for all other petroleum products are derived from the EIA, State Energy Price and Expenditure Report 1995, DOE/EIA-0376(95) (Washington, DC, August 1998). 1998 industrial gas delivered prices are based on EIA, Consumption Survey 1994. 1998 residential and commercial natural gas delivered prices: EIA Natural Gas Monthly, DOE/EIA-0130(99/06) (Washington, DC, June 1999). 1998 coal prices based on EIA, Quarterly Coal Report, DOE/EIA-0121(99/1Q) (Washington, DC, August 1999), and EIA, AEO 2000 National Energy Modeling System run AEO2K.D100199A. 1998 electricity prices for commercial, industrial, and transportation: EIA, AEO2000 National Energy Modeling System run AEO2K.D100199A. Projections: EIA, AEO2000 National Energy Modeling System run AEO2K.D100199A.



**Table 15. Energy Prices by Sector and Source (1 of 2)**  
**(1998 Dollars per Million Btu, Unless Otherwise Noted)**  
**05 - South Atlantic**

	1998	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1998-2020
<b>Residential</b>	16.47	16.66	16.44	16.26	16.11	16.04	15.98	16.00	16.03	15.97	15.88	15.90	15.81	15.76	15.77	15.88	15.88	15.87	15.85	15.87	15.83	15.79	-0.2%
Primary Energy 1/	8.04	8.78	8.63	8.54	8.47	8.43	8.38	8.36	8.33	8.29	8.24	8.17	8.11	8.08	8.03	7.98	7.95	7.90	7.87	7.83	7.80	7.79	-0.1%
Petroleum Products 2/	8.59	10.84	10.72	10.73	10.78	10.84	10.85	10.90	10.94	11.00	11.08	11.08	11.08	11.16	11.16	11.17	11.23	11.25	11.28	11.36	11.42	11.50	1.3%
Distillate Fuel	6.18	7.66	7.54	7.53	7.58	7.60	7.62	7.66	7.70	7.75	7.83	7.83	7.82	7.86	7.88	7.92	7.96	7.98	8.00	8.09	8.15	8.22	1.3%
Liquefied Petroleum Gas	12.26	15.19	14.99	14.97	14.94	15.01	14.94	14.95	14.96	14.99	15.03	15.01	15.01	15.13	15.11	15.09	15.16	15.18	15.22	15.28	15.34	15.42	1.0%
Natural Gas	7.86	7.86	7.73	7.61	7.51	7.45	7.41	7.39	7.37	7.32	7.25	7.18	7.13	7.08	7.03	6.99	6.96	6.91	6.88	6.84	6.80	6.79	-0.7%
Electricity	22.00	21.91	21.61	21.33	21.09	20.97	20.89	20.94	20.98	20.90	20.77	20.84	20.70	20.64	20.66	20.85	20.85	20.87	20.83	20.88	20.83	20.76	-0.3%
<b>Commercial</b>	14.23	14.37	14.11	13.87	13.69	13.55	13.44	13.47	13.50	13.43	13.32	13.34	13.21	13.13	13.13	13.18	13.18	13.17	13.15	13.17	13.10	13.11	-0.4%
Primary Energy 1/	5.75	6.26	6.15	6.09	6.06	6.05	6.06	6.08	6.10	6.11	6.10	6.08	6.07	6.07	6.06	6.05	6.06	6.05	6.05	6.05	6.06	6.08	0.3%
Petroleum Products 2/	4.66	6.32	6.17	6.15	6.19	6.21	6.22	6.25	6.28	6.33	6.41	6.41	6.41	6.47	6.49	6.51	6.57	6.59	6.62	6.70	6.76	6.84	1.8%
Distillate Fuel	3.73	5.11	4.99	4.98	5.03	5.05	5.07	5.11	5.15	5.20	5.28	5.28	5.27	5.31	5.33	5.37	5.41	5.43	5.45	5.54	5.60	5.67	1.9%
Residual Fuel	2.41	3.30	3.12	3.12	3.12	3.13	3.14	3.16	3.17	3.18	3.20	3.21	3.21	3.23	3.24	3.26	3.28	3.30	3.31	3.32	3.34	3.35	1.5%
Natural Gas 3/	6.28	6.45	6.35	6.28	6.22	6.20	6.21	6.23	6.26	6.26	6.22	6.19	6.18	6.16	6.14	6.13	6.13	6.11	6.10	6.09	6.08	6.09	-0.1%
Electricity	18.86	18.76	18.42	18.08	17.80	17.58	17.40	17.41	17.44	17.31	17.13	17.18	16.98	16.85	16.84	16.93	16.92	16.91	16.86	16.90	16.79	16.78	-0.5%
<b>Industrial 4/</b>	5.15	5.81	5.69	5.63	5.59	5.56	5.55	5.57	5.61	5.62	5.61	5.64	5.62	5.64	5.65	5.70	5.73	5.74	5.75	5.78	5.80	5.83	0.6%
Primary Energy	2.95	3.81	3.73	3.72	3.73	3.75	3.78	3.82	3.85	3.89	3.91	3.92	3.93	3.96	3.98	4.00	4.04	4.05	4.07	4.09	4.12	4.15	1.6%
Petroleum Products 2/	3.69	5.43	5.28	5.26	5.28	5.29	5.29	5.31	5.32	5.35	5.39	5.38	5.38	5.43	5.43	5.45	5.49	5.50	5.52	5.55	5.58	5.62	1.9%
Distillate Fuel	3.93	5.36	5.25	5.24	5.29	5.31	5.33	5.37	5.40	5.45	5.54	5.54	5.53	5.57	5.59	5.62	5.67	5.68	5.71	5.80	5.86	5.93	1.9%
Liquefied Petroleum Gas	7.92	11.55	11.35	11.33	11.31	11.37	11.30	11.32	11.32	11.36	11.39	11.37	11.38	11.50	11.48	11.45	11.52	11.54	11.58	11.65	11.71	11.79	1.8%
Residual Fuel	2.45	3.26	3.08	3.08	3.08	3.09	3.10	3.12	3.13	3.14	3.15	3.16	3.17	3.19	3.20	3.22	3.24	3.25	3.27	3.28	3.30	3.31	1.4%
Natural Gas 5/	2.72	2.94	2.89	2.89	2.90	2.94	3.02	3.09	3.15	3.20	3.21	3.22	3.24	3.26	3.28	3.30	3.34	3.36	3.38	3.39	3.41	3.44	1.1%
Metallurgical Coal	1.46	1.47	1.45	1.44	1.42	1.40	1.39	1.38	1.37	1.37	1.35	1.35	1.34	1.33	1.32	1.32	1.32	1.30	1.30	1.29	1.28	1.28	-0.6%
Steam Coal	1.71	1.67	1.64	1.62	1.61	1.59	1.57	1.57	1.55	1.54	1.53	1.51	1.50	1.48	1.47	1.46	1.45	1.43	1.42	1.41	1.40	1.39	-0.9%
Electricity	12.97	12.90	12.66	12.38	12.10	11.87	11.69	11.65	11.64	11.53	11.40	11.49	11.32	11.21	11.19	11.30	11.29	11.24	11.22	11.24	11.18	11.19	-0.7%
<b>Transportation</b>	7.38	9.18	8.91	8.87	8.88	8.89	8.91	8.89	8.92	8.94	8.96	8.96	8.96	8.97	8.97	8.97	8.98	8.97	8.97	8.96	8.95	8.94	0.9%
Primary Energy	7.36	9.17	8.90	8.85	8.87	8.88	8.89	8.87	8.91	8.93	8.95	8.94	8.94	8.95	8.95	8.96	8.97	8.96	8.95	8.95	8.94	8.93	0.9%
Petroleum Products 2/	7.36	9.17	8.90	8.86	8.87	8.88	8.90	8.87	8.91	8.93	8.95	8.94	8.94	8.95	8.95	8.95	8.96	8.95	8.95	8.94	8.93	8.92	0.9%
Distillate Fuel 6/	7.23	8.80	8.63	8.61	8.64	8.63	8.64	8.66	8.66	8.68	8.76	8.75	8.73	8.76	8.76	8.79	8.81	8.80	8.79	8.81	8.79	8.79	0.9%
Jet Fuel 7/	4.25	5.33	5.17	5.18	5.27	5.28	5.32	5.39	5.42	5.46	5.57	5.59	5.60	5.64	5.67	5.72	5.82	5.84	5.84	5.86	5.88	5.88	1.5%
Motor Gasoline 8/	8.00	10.03	9.71	9.65	9.66	9.68	9.70	9.65	9.71	9.73	9.72	9.72	9.72	9.73	9.72	9.72	9.72	9.72	9.71	9.70	9.70	9.69	0.9%
Residual Fuel	1.90	2.97	2.79	2.78	2.77	2.77	2.78	2.81	2.82	2.83	2.84	2.85	2.85	2.87	2.88	2.90	2.92	2.93	2.95	2.96	2.98	2.99	2.1%
Liquid Petroleum Gas 9/	10.67	14.84	14.61	14.56	14.51	14.55	14.45	14.43	14.41	14.41	14.42	14.37	14.35	14.45	14.40	14.35	14.39	14.38	14.39	14.43	14.45	14.49	1.4%
Natural Gas 10/	5.59	6.06	5.94	5.91	5.93	6.02	6.17	6.35	6.54	6.70	6.79	6.89	6.98	7.05	7.11	7.17	7.21	7.23	7.25	7.25	7.25	7.27	1.2%
Ethanol (E85) 11/	14.35	18.21	17.65	17.58	17.92	17.96	18.02	17.97	18.07	18.12	18.14	18.16	18.18	18.20	18.22	18.24	18.26	18.27	18.29	18.31	18.32	18.33	1.1%
Methanol (M85) 12/	8.99	10.79	10.69	10.80	12.89	12.91	13.30	13.30	13.70	13.72	13.73	13.74	13.76	13.77	13.79	13.80	13.82	13.82	13.84	13.84	13.85	13.86	2.0%
Electricity	14.02	13.97	13.78	13.60	13.46	13.29	13.08	12.97	12.89	12.78	12.67	12.66	12.47	12.36	12.31	12.27	12.18	12.15	12.07	12.07	12.01	11.92	-0.7%
<b>Average End-Use Energy</b>	9.11	10.21	10.00	9.91	9.85	9.82	9.80	9.80	9.84	9.85	9.83	9.85	9.82	9.81	9.81	9.85	9.86	9.86	9.84	9.85	9.83	9.83	0.3%
Primary Energy	7.94	9.26	9.04	8.97	8.95	8.93	8.93	8.92	8.96	8.98	8.98	9.00	8.98	8.99	8.99	9.01	9.03	9.03	9.02	9.03	9.02	9.01	0.6%
Electricity	18.69	18.66	18.38	18.08	17.81	17.64	17.48	17.50	17.53	17.44	17.29	17.36	17.20	17.10	17.09	17.22	17.21	17.21	17.17	17.20	17.13	17.10	-0.4%
<b>Electric Generators 13/</b>																							
Fossil Fuel Average	1.63	1.66	1.54	1.49	1.43	1.42	1.43	1.45	1.46	1.46	1.44	1.47	1.48	1.49	1.51	1.52	1.54	1.54	1.54	1.53	1.53	1.53	-0.3%
Petroleum Products	2.20	3.12	2.93	2.92	2.94	2.93	2.95	2.95	2.96	2.98	2.98	3.01	3.03	3.05	3.07	3.09	3.14	3.13	3.15	3.21	3.23	3.25	1.8%
Distillate Fuel	3.19	4.74	4.62	4.61	4.67	4.68	4.70	4.74	4.78	4.83	4.91	4.91	4.91	4.95	4.97	5.00	5.05	5.06	5.09	5.17	5.23	5.31	2.3%
Residual Fuel	2.16	3.04	2.86	2.86	2.86	2.86	2.87	2.89	2.91	2.92	2.93	2.94	2.95	2.96	2.98	3.00	3.02	3.03	3.04	3.06	3.07	3.09	1.6%
Natural Gas	2.44	2.64	2.52	2.55	2.51	2.53	2.59	2.68	2.73	2.81	2.83	2.86	2.92	2.97	3.03	3.10	3.15	3.18	3.23	3.25	3.27	3.30	1.4%
Steam Coal	1.46	1.43	1.33	1.30	1.25	1.25	1.24	1.25	1.24	1.23	1.21	1.22	1.23	1.22	1.21	1.20	1.21	1.19	1.18	1.16	1.16	1.16	-1.1%

**Table 15. Energy Prices by Sector and Source (2 of 2)**  
**(1998 Dollars per Million Btu, Unless Otherwise Noted)**  
**05 - South Atlantic**

	1998	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1998-2020
Average Price to All Users 14/																							
Petroleum Products 2/	6.41	8.32	8.10	8.11	8.17	8.22	8.23	8.21	8.25	8.29	8.33	8.34	8.35	8.38	8.38	8.38	8.39	8.40	8.41	8.41	8.41	8.42	1.2%
Distillate Fuel	6.43	8.00	7.86	7.85	7.89	7.89	7.90	7.93	7.95	7.97	8.06	8.05	8.04	8.07	8.08	8.11	8.14	8.14	8.14	8.17	8.18	8.20	1.1%
Jet Fuel	4.25	5.33	5.17	5.18	5.27	5.28	5.32	5.39	5.42	5.46	5.57	5.59	5.60	5.64	5.67	5.72	5.82	5.84	5.84	5.86	5.88	5.88	1.5%
Liquefied Petroleum Gas	10.32	13.56	13.36	13.35	13.32	13.38	13.31	13.32	13.32	13.34	13.37	13.34	13.33	13.44	13.40	13.36	13.42	13.43	13.46	13.51	13.55	13.62	1.3%
Motor Gasoline 8/	8.00	10.03	9.71	9.65	9.66	9.68	9.70	9.65	9.71	9.73	9.72	9.72	9.72	9.73	9.72	9.72	9.72	9.72	9.71	9.70	9.70	9.69	0.9%
Residual Fuel	2.17	3.07	2.89	2.90	2.90	2.90	2.91	2.93	2.95	2.96	2.97	2.98	2.99	3.01	3.02	3.04	3.06	3.07	3.08	3.10	3.11	3.13	1.7%
Natural Gas	4.37	4.56	4.57	4.56	4.51	4.50	4.50	4.52	4.53	4.57	4.57	4.55	4.55	4.54	4.53	4.53	4.55	4.55	4.55	4.55	4.55	4.57	0.2%
Coal	1.48	1.45	1.36	1.32	1.28	1.27	1.27	1.27	1.26	1.25	1.23	1.24	1.24	1.23	1.23	1.22	1.22	1.21	1.20	1.18	1.17	1.17	-1.1%
Ethanol (E85) 11/	14.35	18.21	17.65	17.58	17.92	17.96	18.02	17.97	18.07	18.12	18.14	18.16	18.18	18.20	18.22	18.24	18.26	18.27	18.29	18.31	18.32	18.33	1.1%
Methanol (M85) 12/	8.99	10.79	10.69	10.80	12.89	12.91	13.30	13.30	13.70	13.72	13.73	13.74	13.76	13.77	13.79	13.80	13.82	13.82	13.84	13.84	13.85	13.86	2.0%
Electricity	18.69	18.66	18.38	18.08	17.81	17.64	17.48	17.50	17.53	17.44	17.29	17.36	17.20	17.10	17.09	17.22	17.21	17.21	17.17	17.20	17.13	17.10	-0.4%
Non-Renewable Energy Expenditures by Sector (billion 1998 dollars)																							
Residential	24.65	26.38	26.47	26.63	26.85	27.29	27.60	28.11	28.64	29.14	29.40	29.94	30.16	30.56	30.89	31.49	31.91	32.37	32.63	33.06	33.41	33.84	1.5%
Commercial	17.53	18.59	18.64	18.67	18.73	18.86	19.03	19.35	19.70	19.93	20.10	20.44	20.59	20.77	21.02	21.32	21.51	21.67	21.78	21.94	21.95	22.03	1.0%
Industrial	12.43	14.08	13.85	13.89	14.04	14.20	14.41	14.65	14.90	15.07	15.14	15.37	15.41	15.61	15.84	16.20	16.50	16.64	16.85	17.09	17.32	17.62	1.6%
Transportation	32.77	42.58	42.32	43.09	44.09	45.23	46.33	47.26	48.47	49.57	50.63	51.62	52.48	53.45	54.42	55.55	56.66	57.53	58.38	59.29	60.13	61.02	2.9%
Total Non-Renewable Expend.	87.39	101.63	101.27	102.28	103.72	105.57	107.36	109.38	111.70	113.70	115.28	117.37	118.63	120.38	122.17	124.56	126.59	128.21	129.64	131.38	132.81	134.51	2.0%
Trans. Renewable Expend.	0.01	0.03	0.04	0.06	0.07	0.09	0.11	0.13	0.15	0.17	0.18	0.20	0.22	0.23	0.25	0.26	0.27	0.28	0.29	0.29	0.30	0.30	18.1%
Total Expenditures	87.39	101.66	101.32	102.33	103.80	105.66	107.47	109.51	111.85	113.87	115.46	117.57	118.85	120.61	122.42	124.82	126.86	128.49	129.92	131.67	133.11	134.81	2.0%

1/ Weighted average price includes fuels below as well as coal.

2/ This quantity is the weighted average for all petroleum products, not just those listed below.

3/ Excludes independent power producers.

4/ Includes cogenerators.

5/ Excludes uses for lease and plant fuel.

6/ Low sulfur diesel fuel. Price includes Federal and State taxes while excluding county and local taxes.

7/ Kerosene-type jet fuel. Price includes Federal and State taxes while excluding county and local taxes.

8/ Sales weighted-average price for all grades. Includes Federal and State taxes and assumes county and local taxes of 2 cents per gallon.

9/ Includes Federal and State taxes while excluding county and local taxes.

10/ Compressed natural gas used as a vehicle fuel. Price includes estimated motor vehicle fuel taxes.

11/ E85 is 85 percent ethanol (renewable) and 15 percent motor gasoline (nonrenewable).

12/ M85 is 85 percent methanol and 15 percent motor gasoline.

13/ Includes all electric power generators except cogenerators, which produce electricity and other useful thermal energy. Includes small power producers and exempt wholesale generators.

14/ Weighted averages of end-use fuel prices are derived from the prices shown in each sector and the corresponding sectoral consumption.

Btu = British thermal unit.

Expend. = Expenditures.

Trans. = Transportation.

Note: Totals may not equal sum of components due to independent rounding. The historical data used were the most current available as of July 31, 1999. At that time, most regional data for 1998 were not available. The numbers presented for 1998 are estimates and may differ from official EIA data reports. Also, please see EIA data publications and the Short-Term Energy Outlook for the latest estimates for 1999. Sources: 1998 prices for gasoline, distillate, and jet fuel are based on prices in various issues of Energy Information Administration (EIA), Petroleum Marketing Monthly, DOE/EIA-0380 (98/03-99/04) (Washington, DC, 1998-99). 1998 prices for all other petroleum products are derived from the EIA, State Energy Price and Expenditure Report 1995, DOE/EIA-0376(95) (Washington, DC, August 1998). 1998 industrial gas delivered prices are based on EIA, Consumption Survey 1994. 1998 residential and commercial natural gas delivered prices: EIA Natural Gas Monthly, DOE/EIA-0130(99/06) (Washington, DC, June 1999). 1998 coal prices based on EIA, Quarterly Coal Report, DOE/EIA-0121(99/1Q) (Washington, DC, August 1999), and EIA, AEO 2000 National Energy Modeling System run AEO2K.D100199A. 1998 electricity prices for commercial, industrial, and transportation: EIA, AEO2000 National Energy Modeling System run AEO2K.D100199A. Projections: EIA, AEO2000 National Energy Modeling System run AEO2K.D100199A.

**Table 16. Energy Prices by Sector and Source (1 of 2)**  
**(1998 Dollars per Million Btu, Unless Otherwise Noted)**  
**06 - East South Central**

	1998	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1998-2020
<b>Residential</b>	14.99	14.85	14.70	14.53	14.37	14.32	14.27	14.29	14.31	14.30	14.22	14.24	14.14	14.09	14.08	14.09	14.13	14.11	14.15	14.18	14.12	14.09	-0.3%
Primary Energy 1/	7.03	7.52	7.44	7.38	7.33	7.33	7.32	7.34	7.36	7.35	7.32	7.29	7.27	7.27	7.25	7.24	7.23	7.22	7.22	7.21	7.20	7.20	0.1%
Petroleum Products 2/	9.59	12.11	11.97	11.98	12.01	12.09	12.06	12.10	12.13	12.18	12.25	12.24	12.25	12.35	12.35	12.34	12.41	12.43	12.47	12.54	12.60	12.68	1.3%
Distillate Fuel	5.26	6.85	6.73	6.72	6.78	6.80	6.81	6.85	6.89	6.94	7.02	7.02	7.02	7.06	7.08	7.11	7.16	7.17	7.20	7.28	7.34	7.42	1.6%
Liquefied Petroleum Gas	11.18	13.63	13.45	13.43	13.40	13.46	13.39	13.41	13.41	13.44	13.48	13.45	13.46	13.58	13.55	13.53	13.59	13.61	13.65	13.72	13.77	13.85	1.0%
Natural Gas	6.50	6.60	6.53	6.46	6.41	6.40	6.41	6.44	6.46	6.45	6.42	6.39	6.38	6.37	6.37	6.36	6.36	6.34	6.35	6.33	6.32	6.33	-0.1%
Electricity	20.73	20.45	20.24	19.99	19.74	19.65	19.56	19.59	19.61	19.61	19.48	19.55	19.38	19.29	19.28	19.30	19.38	19.35	19.42	19.50	19.39	19.32	-0.3%
<b>Commercial</b>	11.88	11.76	11.66	11.52	11.43	11.41	11.39	11.45	11.54	11.58	11.51	11.56	11.47	11.44	11.45	11.50	11.59	11.59	11.66	11.70	11.67	11.68	-0.1%
Primary Energy 1/	5.50	5.84	5.77	5.72	5.69	5.70	5.72	5.76	5.80	5.82	5.81	5.80	5.81	5.82	5.82	5.83	5.85	5.85	5.86	5.87	5.88	5.90	0.3%
Petroleum Products 2/	5.76	6.98	6.83	6.83	6.87	6.91	6.92	6.96	7.00	7.06	7.14	7.14	7.14	7.21	7.23	7.25	7.31	7.33	7.36	7.45	7.51	7.59	1.3%
Distillate Fuel	3.47	4.94	4.82	4.81	4.87	4.88	4.90	4.94	4.98	5.03	5.11	5.11	5.11	5.15	5.17	5.20	5.25	5.26	5.29	5.37	5.43	5.50	2.1%
Residual Fuel	2.50	2.86	2.69	2.70	2.71	2.72	2.74	2.77	2.79	2.80	2.81	2.82	2.84	2.86	2.87	2.89	2.90	2.92	2.93	2.95	2.96	2.98	0.8%
Natural Gas 3/	5.58	5.81	5.74	5.69	5.65	5.65	5.68	5.72	5.76	5.78	5.77	5.76	5.76	5.77	5.77	5.78	5.79	5.79	5.80	5.80	5.80	5.82	0.2%
Electricity	19.13	18.71	18.45	18.11	17.85	17.72	17.53	17.51	17.58	17.55	17.33	17.37	17.11	16.96	16.92	16.95	17.10	17.05	17.14	17.20	17.10	17.06	-0.5%
<b>Industrial 4/</b>	5.15	5.74	5.64	5.60	5.56	5.55	5.54	5.58	5.62	5.65	5.65	5.67	5.64	5.66	5.68	5.71	5.75	5.76	5.79	5.83	5.84	5.87	0.6%
Primary Energy	2.86	3.64	3.57	3.56	3.57	3.59	3.62	3.66	3.70	3.74	3.76	3.77	3.79	3.83	3.84	3.87	3.91	3.93	3.95	3.98	4.01	4.04	1.6%
Petroleum Products 2/	3.89	5.52	5.38	5.36	5.38	5.39	5.38	5.40	5.41	5.44	5.48	5.47	5.47	5.52	5.52	5.54	5.58	5.59	5.61	5.65	5.68	5.72	1.8%
Distillate Fuel	3.76	5.28	5.16	5.15	5.21	5.22	5.24	5.28	5.32	5.37	5.45	5.45	5.45	5.49	5.51	5.54	5.58	5.60	5.63	5.71	5.77	5.84	2.0%
Liquefied Petroleum Gas	8.75	9.33	9.15	9.13	9.10	9.16	9.09	9.11	9.11	9.14	9.18	9.16	9.16	9.28	9.25	9.23	9.29	9.31	9.35	9.42	9.47	9.55	0.4%
Residual Fuel	2.26	2.89	2.72	2.73	2.74	2.75	2.77	2.79	2.81	2.83	2.84	2.85	2.87	2.88	2.90	2.91	2.93	2.94	2.96	2.97	2.99	3.01	1.3%
Natural Gas 5/	2.45	2.68	2.65	2.65	2.66	2.71	2.78	2.86	2.93	2.98	3.00	3.02	3.05	3.08	3.11	3.14	3.18	3.20	3.23	3.25	3.28	3.31	1.4%
Metallurgical Coal	1.79	1.82	1.80	1.78	1.76	1.74	1.73	1.71	1.70	1.69	1.67	1.66	1.65	1.64	1.63	1.62	1.62	1.60	1.59	1.57	1.56	1.55	-0.6%
Steam Coal	1.53	1.47	1.43	1.41	1.40	1.37	1.36	1.36	1.34	1.34	1.32	1.32	1.30	1.29	1.28	1.28	1.27	1.26	1.25	1.24	1.24	1.23	-1.0%
Electricity	11.93	11.89	11.73	11.52	11.30	11.15	11.02	11.02	11.01	10.99	10.86	10.88	10.71	10.61	10.60	10.59	10.62	10.57	10.60	10.64	10.56	10.55	-0.6%
<b>Transportation</b>	7.49	9.22	8.96	8.91	8.93	8.93	8.95	8.93	8.96	8.98	9.01	9.00	9.00	9.01	9.01	9.01	9.02	9.01	9.00	9.00	8.99	8.98	0.8%
Primary Energy	7.47	9.21	8.95	8.90	8.92	8.92	8.94	8.92	8.95	8.97	9.00	8.99	8.99	9.00	8.99	9.00	9.01	9.00	8.99	8.99	8.98	8.97	0.8%
Petroleum Products 2/	7.47	9.21	8.95	8.91	8.92	8.93	8.94	8.92	8.95	8.97	9.00	8.99	8.99	9.00	9.00	9.00	9.01	9.00	8.98	8.99	8.98	8.97	0.8%
Distillate Fuel 6/	7.07	8.55	8.38	8.36	8.39	8.38	8.39	8.41	8.41	8.43	8.51	8.49	8.48	8.51	8.51	8.54	8.56	8.55	8.54	8.56	8.54	8.54	0.9%
Jet Fuel 7/	4.00	5.30	5.14	5.16	5.24	5.26	5.29	5.37	5.39	5.44	5.55	5.57	5.58	5.63	5.66	5.72	5.82	5.84	5.84	5.87	5.88	5.89	1.8%
Motor Gasoline 8/	8.31	10.29	9.96	9.90	9.91	9.92	9.95	9.90	9.95	9.97	9.97	9.97	9.97	9.97	9.97	9.97	9.96	9.95	9.94	9.95	9.94	9.93	0.8%
Residual Fuel	1.84	2.23	2.05	2.06	2.07	2.07	2.10	2.13	2.15	2.17	2.17	2.19	2.20	2.22	2.23	2.25	2.26	2.28	2.29	2.31	2.32	2.34	1.1%
Liquid Petroleum Gas 9/	10.36	13.39	13.18	13.13	13.08	13.11	13.01	12.99	12.96	12.97	12.98	12.93	12.90	13.00	12.95	12.90	12.94	12.93	12.94	12.97	12.99	13.03	1.0%
Natural Gas 10/	6.12	6.49	6.41	6.39	6.40	6.48	6.59	6.74	6.88	7.00	7.07	7.13	7.20	7.26	7.31	7.35	7.39	7.42	7.44	7.45	7.47	7.49	0.9%
Ethanol (E85) 11/	14.35	16.46	16.02	15.93	15.97	16.00	16.05	15.98	16.06	16.11	16.11	16.12	16.12	16.13	16.14	16.15	16.15	16.15	16.14	16.16	16.16	16.16	0.5%
Methanol (M85) 12/	8.99	11.79	11.68	11.79	13.89	13.91	14.30	14.30	14.70	14.71	14.73	14.74	14.75	14.77	14.78	14.80	14.81	14.82	14.83	14.84	14.85	14.85	2.3%
Electricity	14.06	14.11	13.93	13.76	13.61	13.42	13.18	13.04	12.93	12.81	12.67	12.66	12.44	12.32	12.25	12.16	12.05	12.00	11.92	11.90	11.80	11.71	-0.8%
<b>Average End-Use Energy</b>	7.81	8.77	8.61	8.54	8.50	8.49	8.48	8.50	8.54	8.57	8.57	8.58	8.56	8.56	8.57	8.58	8.62	8.61	8.63	8.65	8.64	8.64	0.5%
Primary Energy	7.30	8.44	8.27	8.21	8.19	8.19	8.18	8.19	8.24	8.27	8.27	8.29	8.27	8.28	8.29	8.30	8.33	8.33	8.34	8.36	8.35	8.36	0.6%
Electricity	16.15	16.05	15.87	15.62	15.37	15.24	15.09	15.09	15.10	15.08	14.94	14.98	14.80	14.69	14.66	14.65	14.70	14.65	14.69	14.73	14.63	14.59	-0.5%
<b>Electric Generators 13/</b>																							
Fossil Fuel Average	1.36	1.24	1.18	1.15	1.13	1.16	1.21	1.26	1.30	1.35	1.38	1.43	1.47	1.49	1.51	1.56	1.60	1.62	1.63	1.66	1.67	1.67	0.9%
Petroleum Products	2.28	2.63	2.36	2.43	2.44	2.46	2.45	2.45	2.47	2.44	2.47	2.46	2.53	2.54	2.55	2.58	2.62	2.62	2.64	2.68	2.71	2.72	0.8%
Distillate Fuel	3.35	5.13	5.01	5.00	5.06	5.07	5.09	5.13	5.17	5.22	5.30	5.30	5.30	5.34	5.36	5.39	5.44	5.45	5.48	5.56	5.62	5.69	2.4%
Residual Fuel	2.19	2.45	2.27	2.29	2.30	2.30	2.33	2.35	2.37	2.39	2.40	2.41	2.42	2.44	2.45	2.47	2.49	2.50	2.52	2.53	2.55	2.56	0.7%
Natural Gas	2.58	2.86	2.74	2.74	2.72	2.94	3.08	3.20	3.32	3.40	3.44	3.48	3.50	3.53	3.56	3.60	3.64	3.67	3.69	3.72	3.74	3.78	1.7%
Steam Coal	1.27	1.17	1.11	1.08	1.06	1.05	1.05	1.05	1.03	1.02	1.01	1.00	1.00	0.98	0.98	0.96	0.96	0.95	0.94	0.92	0.91	0.90	-1.5%

**Table 16. Energy Prices by Sector and Source (2 of 2)**  
**(1998 Dollars per Million Btu, Unless Otherwise Noted)**  
**06 - East South Central**

	1998	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1998-2020
Average Price to All Users 14/																							
Petroleum Products 2/	6.56	8.25	8.03	8.01	8.04	8.08	8.07	8.04	8.06	8.08	8.13	8.13	8.13	8.15	8.15	8.16	8.18	8.18	8.18	8.19	8.20	8.20	1.0%
Distillate Fuel	6.35	7.86	7.72	7.69	7.73	7.73	7.73	7.76	7.76	7.79	7.87	7.86	7.84	7.87	7.87	7.89	7.92	7.92	7.91	7.94	7.94	7.95	1.0%
Jet Fuel	4.00	5.30	5.14	5.16	5.24	5.26	5.29	5.37	5.39	5.44	5.55	5.57	5.58	5.63	5.66	5.72	5.82	5.84	5.84	5.87	5.88	5.89	1.8%
Liquefied Petroleum Gas	9.91	11.33	11.16	11.14	11.12	11.19	11.12	11.13	11.13	11.16	11.18	11.15	11.15	11.26	11.22	11.18	11.24	11.25	11.28	11.34	11.38	11.44	0.7%
Motor Gasoline 8/	8.31	10.29	9.96	9.90	9.91	9.92	9.95	9.90	9.95	9.97	9.97	9.97	9.97	9.97	9.97	9.97	9.96	9.95	9.94	9.95	9.94	9.93	0.8%
Residual Fuel	2.12	2.42	2.25	2.26	2.27	2.27	2.29	2.32	2.34	2.36	2.37	2.39	2.40	2.42	2.43	2.45	2.46	2.47	2.49	2.50	2.51	0.8%	
Natural Gas	3.78	4.18	4.13	4.12	4.08	4.04	4.05	4.07	4.10	4.11	4.10	4.09	4.09	4.10	4.11	4.12	4.13	4.15	4.16	4.17	4.18	4.22	0.5%
Coal	1.31	1.19	1.13	1.11	1.09	1.08	1.07	1.07	1.06	1.04	1.03	1.02	1.02	1.01	1.00	0.99	0.98	0.97	0.96	0.95	0.94	0.93	-1.5%
Ethanol (E85) 11/	14.35	16.46	16.02	15.93	15.97	16.00	16.05	15.98	16.06	16.11	16.11	16.12	16.12	16.13	16.14	16.15	16.15	16.15	16.14	16.16	16.16	16.16	0.5%
Methanol (M85) 12/	8.99	11.79	11.68	11.79	13.89	13.91	14.30	14.30	14.70	14.71	14.73	14.74	14.75	14.77	14.78	14.80	14.81	14.82	14.83	14.84	14.85	14.85	2.3%
Electricity	16.15	16.05	15.87	15.62	15.37	15.24	15.09	15.09	15.10	15.08	14.94	14.98	14.80	14.69	14.66	14.65	14.70	14.65	14.69	14.73	14.63	14.59	-0.5%
Non-Renewable Energy Expenditures by Sector (billion 1998 dollars)																							
Residential	8.59	9.13	9.13	9.12	9.13	9.22	9.27	9.37	9.48	9.61	9.63	9.74	9.76	9.85	9.90	10.00	10.12	10.20	10.28	10.38	10.43	10.53	0.9%
Commercial	3.95	4.16	4.21	4.23	4.27	4.33	4.39	4.48	4.59	4.67	4.72	4.81	4.85	4.90	4.96	5.03	5.11	5.14	5.19	5.23	5.24	5.25	1.3%
Industrial	8.93	9.86	9.72	9.76	9.87	9.99	10.13	10.32	10.49	10.64	10.69	10.82	10.84	10.97	11.15	11.34	11.57	11.66	11.84	12.02	12.16	12.36	1.5%
Transportation	12.82	16.44	16.32	16.56	16.89	17.24	17.59	17.84	18.19	18.49	18.78	19.03	19.21	19.43	19.66	19.94	20.20	20.37	20.51	20.72	20.88	21.05	2.3%
Total Non-Renewable Expend.	34.29	39.60	39.38	39.67	40.16	40.79	41.38	42.03	42.75	43.41	43.82	44.40	44.66	45.15	45.67	46.31	46.99	47.38	47.83	48.36	48.71	49.19	1.7%
Trans. Renewable Expend.	0.00	0.01	0.01	0.02	0.02	0.03	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.08	0.08	16.9%
Total Expenditures	34.30	39.61	39.39	39.69	40.18	40.82	41.41	42.06	42.79	43.46	43.87	44.46	44.72	45.21	45.74	46.38	47.07	47.45	47.90	48.44	48.79	49.27	1.7%

1/ Weighted average price includes fuels below as well as coal.

2/ This quantity is the weighted average for all petroleum products, not just those listed below.

3/ Excludes independent power producers.

4/ Includes cogenerators.

5/ Excludes uses for lease and plant fuel.

6/ Low sulfur diesel fuel. Price includes Federal and State taxes while excluding county and local taxes.

7/ Kerosene-type jet fuel. Price includes Federal and State taxes while excluding county and local taxes.

8/ Sales weighted-average price for all grades. Includes Federal and State taxes and assumes county and local taxes of 2 cents per gallon.

9/ Includes Federal and State taxes while excluding county and local taxes.

10/ Compressed natural gas used as a vehicle fuel. Price includes estimated motor vehicle fuel taxes.

11/ E85 is 85 percent ethanol (renewable) and 15 percent motor gasoline (nonrenewable).

12/ M85 is 85 percent methanol and 15 percent motor gasoline.

13/ Includes all electric power generators except cogenerators, which produce electricity and other useful thermal energy. Includes small power producers and exempt wholesale generators.

14/ Weighted averages of end-use fuel prices are derived from the prices shown in each sector and the corresponding sectoral consumption.

Btu = British thermal unit.

Expend. = Expenditures.

Trans. = Transportation.

Note: Totals may not equal sum of components due to independent rounding. The historical data used were the most current available as of July 31, 1999. At that time, most regional data for 1998 were not available. The numbers presented for 1998 are estimates and may differ from official EIA data reports. Also, please see EIA data publications and the Short-Term Energy Outlook for the latest estimates for 1999. Sources: 1998 prices for gasoline, distillate, and jet fuel are based on prices in various issues of Energy Information Administration (EIA), Petroleum Marketing Monthly, DOE/EIA-0380 (98/03-99/04) (Washington, DC, 1998-99). 1998 prices for all other petroleum products are derived from the EIA, State Energy Price and Expenditure Report 1995, DOE/EIA-0376(95) (Washington, DC, August 1998). 1998 industrial gas delivered prices are based on EIA, Consumption Survey 1994. 1998 residential and commercial natural gas delivered prices: EIA Natural Gas Monthly, DOE/EIA-0130(99/06) (Washington, DC, June 1999). 1998 coal prices based on EIA, Quarterly Coal Report, DOE/EIA-0121(99/1Q) (Washington, DC, August 1999), and EIA, AEO 2000 National Energy Modeling System run AEO2K.D100199A. 1998 electricity prices for commercial, industrial, and transportation: EIA, AEO2000 National Energy Modeling System run AEO2K.D100199A. Projections: EIA, AEO2000 National Energy Modeling System run AEO2K.D100199A.

**Table 17. Energy Prices by Sector and Source (1 of 2)**  
**(1998 Dollars per Million Btu, Unless Otherwise Noted)**  
**07 - West South Central**

	1998	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1998-2020
Residential	14.84	14.42	14.21	14.04	14.12	14.22	14.11	14.18	14.31	14.24	14.02	14.06	13.90	13.81	13.75	13.85	13.93	13.95	14.01	14.10	14.12	14.24	-0.2%
Primary Energy 1/	6.46	6.67	6.61	6.54	6.49	6.48	6.48	6.51	6.53	6.52	6.50	6.47	6.46	6.46	6.44	6.43	6.42	6.41	6.40	6.39	6.38	6.38	-0.1%
Petroleum Products 2/	9.75	12.53	12.35	12.33	12.30	12.36	12.29	12.30	12.30	12.33	12.37	12.35	12.35	12.46	12.44	12.41	12.47	12.49	12.53	12.59	12.64	12.72	1.2%
Distillate Fuel	5.07	5.88	5.76	5.75	5.80	5.82	5.84	5.88	5.92	5.97	6.05	6.05	6.04	6.08	6.10	6.14	6.19	6.20	6.24	6.31	6.37	6.44	1.1%
Liquefied Petroleum Gas	9.82	12.62	12.44	12.42	12.39	12.45	12.38	12.39	12.40	12.43	12.47	12.44	12.45	12.56	12.54	12.52	12.58	12.60	12.64	12.71	12.76	12.84	1.2%
Natural Gas	6.21	6.26	6.21	6.15	6.10	6.09	6.11	6.14	6.17	6.17	6.16	6.13	6.13	6.12	6.12	6.11	6.10	6.09	6.09	6.08	6.07	6.08	-0.1%
Electricity	21.14	20.82	20.38	20.03	20.15	20.24	19.93	19.96	20.09	19.86	19.40	19.39	19.08	18.90	18.75	18.89	18.99	19.01	19.08	19.23	19.24	19.40	-0.4%
Commercial	13.45	13.30	12.93	12.72	12.76	12.84	12.71	12.79	12.92	12.86	12.65	12.64	12.46	12.35	12.27	12.36	12.44	12.46	12.52	12.60	12.61	12.73	-0.2%
Primary Energy 1/	4.63	4.92	4.87	4.83	4.80	4.80	4.83	4.88	4.93	4.95	4.95	4.95	4.96	4.98	4.99	5.01	5.02	5.03	5.05	5.05	5.07	5.10	0.4%
Petroleum Products 2/	4.70	6.12	5.97	5.96	6.00	6.03	6.04	6.08	6.11	6.16	6.24	6.23	6.24	6.29	6.30	6.32	6.38	6.40	6.43	6.50	6.56	6.63	1.6%
Distillate Fuel	3.36	4.75	4.63	4.63	4.68	4.69	4.71	4.75	4.79	4.84	4.92	4.92	4.92	4.96	4.98	5.01	5.06	5.08	5.11	5.18	5.24	5.32	2.1%
Residual Fuel	2.50	2.57	2.40	2.41	2.43	2.45	2.46	2.48	2.50	2.52	2.53	2.55	2.57	2.58	2.60	2.62	2.64	2.65	2.67	2.69	2.70	2.72	0.4%
Natural Gas 3/	4.62	4.84	4.80	4.75	4.72	4.73	4.76	4.81	4.85	4.88	4.88	4.87	4.88	4.90	4.91	4.93	4.94	4.95	4.97	4.97	4.98	5.01	0.4%
Electricity	19.30	19.17	18.53	18.17	18.26	18.38	18.09	18.16	18.33	18.18	17.78	17.76	17.41	17.19	17.03	17.15	17.26	17.29	17.37	17.49	17.50	17.67	-0.4%
Industrial 4/	4.38	5.14	5.04	5.01	5.01	5.04	5.04	5.08	5.13	5.17	5.19	5.19	5.19	5.25	5.25	5.27	5.32	5.35	5.38	5.42	5.45	5.50	1.0%
Primary Energy	3.89	4.68	4.59	4.58	4.56	4.59	4.59	4.62	4.67	4.71	4.74	4.74	4.76	4.83	4.84	4.85	4.90	4.92	4.95	4.99	5.02	5.07	1.2%
Petroleum Products 2/	5.35	6.51	6.34	6.32	6.30	6.34	6.28	6.29	6.30	6.33	6.36	6.34	6.34	6.44	6.43	6.42	6.49	6.50	6.53	6.58	6.62	6.68	1.0%
Distillate Fuel	3.77	5.14	5.03	5.02	5.07	5.09	5.11	5.15	5.18	5.23	5.32	5.32	5.31	5.35	5.37	5.40	5.45	5.47	5.50	5.58	5.64	5.71	1.9%
Liquefied Petroleum Gas	6.85	7.48	7.30	7.28	7.25	7.31	7.24	7.25	7.26	7.29	7.32	7.30	7.31	7.42	7.40	7.37	7.44	7.46	7.50	7.57	7.62	7.70	0.5%
Residual Fuel	3.61	2.91	2.73	2.75	2.77	2.79	2.80	2.82	2.84	2.85	2.87	2.89	2.90	2.92	2.94	2.96	2.98	2.99	3.01	3.03	3.04	3.06	-0.7%
Natural Gas 5/	2.35	2.57	2.56	2.55	2.57	2.61	2.68	2.76	2.83	2.88	2.90	2.92	2.96	2.99	3.02	3.06	3.10	3.12	3.15	3.17	3.20	3.25	1.5%
Metallurgical Coal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Steam Coal	1.44	1.39	1.32	1.31	1.30	1.30	1.29	1.28	1.28	1.27	1.26	1.26	1.25	1.24	1.23	1.23	1.22	1.22	1.21	1.20	1.19	1.20	-0.8%
Electricity	11.30	11.47	11.21	11.04	11.13	11.24	11.14	11.27	11.46	11.47	11.29	11.29	11.05	10.88	10.76	10.83	10.88	10.87	10.92	10.96	10.94	11.05	-0.1%
Transportation	6.60	8.33	8.08	8.04	8.05	8.05	8.06	8.04	8.07	8.08	8.11	8.09	8.09	8.10	8.09	8.10	8.11	8.10	8.09	8.08	8.06	8.05	0.9%
Primary Energy	6.59	8.32	8.07	8.03	8.05	8.04	8.05	8.03	8.06	8.07	8.10	8.08	8.07	8.08	8.08	8.08	8.10	8.09	8.08	8.07	8.05	8.04	0.9%
Petroleum Products 2/	6.59	8.33	8.08	8.04	8.05	8.05	8.05	8.04	8.06	8.07	8.10	8.08	8.07	8.08	8.08	8.08	8.10	8.08	8.07	8.06	8.04	8.03	0.9%
Distillate Fuel 6/	7.11	8.55	8.38	8.36	8.39	8.38	8.39	8.41	8.41	8.43	8.51	8.50	8.48	8.51	8.51	8.54	8.57	8.56	8.55	8.56	8.54	8.54	0.8%
Jet Fuel 7/	3.63	5.03	4.87	4.89	4.97	4.99	5.02	5.10	5.12	5.17	5.28	5.30	5.31	5.36	5.39	5.44	5.55	5.57	5.58	5.59	5.60	5.62	2.0%
Motor Gasoline 8/	8.14	10.34	10.02	9.96	9.98	10.00	10.01	9.97	10.02	10.04	10.04	10.03	10.03	10.04	10.04	10.04	10.04	10.03	10.03	10.02	10.01	10.00	0.9%
Residual Fuel	2.21	2.89	2.72	2.74	2.75	2.77	2.79	2.80	2.82	2.84	2.86	2.88	2.89	2.91	2.93	2.95	2.97	2.98	3.00	3.02	3.04	3.06	1.5%
Liquid Petroleum Gas 9/	11.66	12.27	12.06	12.01	11.96	11.99	11.89	11.87	11.85	11.85	11.86	11.81	11.79	11.88	11.83	11.78	11.82	11.81	11.82	11.85	11.87	11.91	0.1%
Natural Gas 10/	4.29	4.86	4.76	4.72	4.75	4.87	5.06	5.30	5.56	5.76	5.92	6.05	6.18	6.30	6.39	6.46	6.52	6.56	6.59	6.61	6.63	6.66	2.0%
Ethanol (E85) 11/	14.35	17.82	17.31	17.24	17.57	17.61	17.66	17.61	17.69	17.74	17.76	17.77	17.78	17.80	17.81	17.83	17.85	17.85	17.87	17.87	17.88	17.89	1.0%
Methanol (M85) 12/	8.99	12.21	12.10	12.21	14.30	14.32	14.71	14.71	15.11	15.13	15.14	15.16	15.17	15.18	15.20	15.21	15.23	15.24	15.25	15.26	15.27	15.27	2.4%
Electricity	12.67	12.72	12.53	12.38	12.34	12.29	12.21	12.27	12.37	12.47	12.36	12.33	12.06	11.92	11.79	11.74	11.69	11.61	11.55	11.47	11.35	11.28	-0.5%
Average End-Use Energy	6.24	7.24	7.08	7.04	7.04	7.07	7.05	7.08	7.14	7.16	7.16	7.17	7.15	7.18	7.18	7.20	7.25	7.27	7.30	7.33	7.34	7.39	0.8%
Primary Energy	5.66	6.76	6.60	6.57	6.57	6.59	6.58	6.61	6.66	6.69	6.70	6.70	6.70	6.73	6.73	6.75	6.80	6.82	6.84	6.86	6.88	6.91	0.9%
Electricity	17.14	17.12	16.72	16.43	16.51	16.62	16.38	16.46	16.61	16.50	16.18	16.18	15.89	15.71	15.57	15.67	15.75	15.77	15.83	15.93	15.93	16.07	-0.3%
Electric Generators 13/																							
Fossil Fuel Average	1.71	1.80	1.74	1.72	1.74	1.74	1.77	1.81	1.86	1.90	1.91	1.93	1.95	1.97	1.99	2.01	2.05	2.07	2.09	2.10	2.12	2.14	1.0%
Petroleum Products	2.58	3.72	3.50	3.63	3.74	3.83	3.88	3.83	3.86	3.91	3.99	4.09	4.17	4.19	4.19	4.20	4.30	4.38	4.42	4.43	4.51	4.55	2.6%
Distillate Fuel	3.59	4.68	4.56	4.56	4.61	4.63	4.65	4.69	4.72	4.77	4.85	4.85	4.85	4.89	4.91	4.94	4.99	5.01	5.04	5.12	5.18	5.25	1.7%
Residual Fuel	2.49	3.27	3.09	3.11	3.13	3.14	3.16	3.18	3.20	3.21	3.23	3.25	3.26	3.28	3.30	3.31	3.33	3.35	3.37	3.38	3.40	3.42	1.4%
Natural Gas	2.23	2.48	2.45	2.44	2.43	2.46	2.53	2.62	2.70	2.75	2.78	2.81	2.85	2.88	2.92	2.95	3.00	3.04	3.07	3.09	3.12	3.17	1.6%
Steam Coal	1.27	1.27	1.22	1.20	1.19	1.17	1.15	1.13	1.11	1.10	1.08	1.07	1.06	1.05	1.04	1.03	1.02	1.01	1.00	0.99	0.98	0.97	-1.2%

**Table 17. Energy Prices by Sector and Source (2 of 2)**  
**(1998 Dollars per Million Btu, Unless Otherwise Noted)**  
**07 - West South Central**

	1998	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1998-2020
Average Price to All Users 14/																							
Petroleum Products 2/	6.13	7.58	7.38	7.36	7.36	7.37	7.35	7.35	7.37	7.39	7.42	7.41	7.41	7.46	7.45	7.45	7.50	7.50	7.51	7.52	7.54	7.55	1.0%
Distillate Fuel	6.37	7.81	7.66	7.64	7.68	7.67	7.68	7.70	7.71	7.74	7.82	7.81	7.80	7.82	7.83	7.85	7.89	7.88	7.89	7.90	7.90	7.92	1.0%
Jet Fuel	3.63	5.03	4.87	4.89	4.97	4.99	5.02	5.10	5.12	5.17	5.28	5.30	5.31	5.36	5.39	5.44	5.55	5.57	5.58	5.59	5.60	5.62	2.0%
Liquefied Petroleum Gas	6.92	7.59	7.41	7.38	7.36	7.42	7.35	7.36	7.36	7.39	7.43	7.40	7.41	7.52	7.50	7.47	7.54	7.56	7.60	7.66	7.71	7.79	0.5%
Motor Gasoline 8/	8.14	10.34	10.02	9.96	9.98	10.00	10.01	9.97	10.02	10.04	10.03	10.03	10.03	10.04	10.04	10.04	10.03	10.03	10.03	10.02	10.01	10.00	0.9%
Residual Fuel	2.31	2.91	2.73	2.75	2.76	2.78	2.79	2.81	2.83	2.85	2.86	2.88	2.90	2.91	2.93	2.95	2.97	2.98	3.00	3.02	3.04	3.06	1.3%
Natural Gas	2.65	2.94	2.92	2.91	2.90	2.93	2.99	3.06	3.13	3.17	3.20	3.21	3.24	3.28	3.30	3.33	3.36	3.39	3.42	3.44	3.47	3.51	1.3%
Coal	1.28	1.27	1.22	1.20	1.19	1.17	1.15	1.13	1.12	1.11	1.08	1.08	1.07	1.06	1.05	1.03	1.02	1.02	1.01	1.00	0.98	0.98	-1.2%
Ethanol (E85) 11/	14.35	17.82	17.31	17.24	17.57	17.61	17.66	17.61	17.69	17.74	17.76	17.77	17.78	17.80	17.81	17.83	17.85	17.85	17.87	17.87	17.88	17.89	1.0%
Methanol (M85) 12/	8.99	12.21	12.10	12.21	14.30	14.32	14.71	14.71	15.11	15.13	15.14	15.16	15.17	15.18	15.20	15.21	15.23	15.24	15.25	15.26	15.27	15.27	2.4%
Electricity	17.14	17.12	16.72	16.43	16.51	16.62	16.38	16.46	16.61	16.50	16.18	16.18	15.89	15.71	15.57	15.67	15.75	15.77	15.83	15.93	15.93	16.07	-0.3%
Non-Renewable Energy Expenditures by Sector (billion 1998 dollars)																							
Residential	13.91	15.06	15.01	15.01	15.26	15.57	15.59	15.83	16.13	16.28	16.21	16.43	16.47	16.63	16.74	17.06	17.37	17.65	17.88	18.21	18.46	18.88	1.4%
Commercial	10.06	10.68	10.60	10.59	10.76	10.96	11.02	11.22	11.47	11.59	11.58	11.73	11.73	11.78	11.84	12.02	12.17	12.26	12.37	12.48	12.52	12.64	1.0%
Industrial	28.09	32.72	32.31	32.58	33.32	34.14	34.70	35.49	36.26	36.93	37.35	37.76	38.02	38.87	39.39	40.06	40.91	41.39	42.04	42.69	43.40	44.32	2.1%
Transportation	24.83	32.81	32.62	33.28	34.13	35.01	35.84	36.64	37.52	38.36	39.22	39.97	40.59	41.34	42.05	42.92	43.81	44.44	45.06	45.71	46.31	46.95	2.9%
Total Non-Renewable Expend.	76.89	91.28	90.54	91.46	93.48	95.69	97.15	99.18	101.38	103.16	104.35	105.89	106.81	108.62	110.02	112.06	114.27	115.75	117.36	119.08	120.69	122.79	2.2%
Trans. Renewable Expend.	0.00	0.02	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.14	0.15	0.15	0.16	0.16	0.16	0.16	17.7%
Total Expenditures	76.90	91.30	90.56	91.49	93.52	95.74	97.22	99.26	101.46	103.25	104.45	106.00	106.93	108.75	110.15	112.20	114.42	115.90	117.51	119.24	120.85	122.95	2.2%

1/ Weighted average price includes fuels below as well as coal.

2/ This quantity is the weighted average for all petroleum products, not just those listed below.

3/ Excludes independent power producers.

4/ Includes cogenerators.

5/ Excludes uses for lease and plant fuel.

6/ Low sulfur diesel fuel. Price includes Federal and State taxes while excluding county and local taxes.

7/ Kerosene-type jet fuel. Price includes Federal and State taxes while excluding county and local taxes.

8/ Sales weighted-average price for all grades. Includes Federal and State taxes and assumes county and local taxes of 2 cents per gallon.

9/ Includes Federal and State taxes while excluding county and local taxes.

10/ Compressed natural gas used as a vehicle fuel. Price includes estimated motor vehicle fuel taxes.

11/ E85 is 85 percent ethanol (renewable) and 15 percent motor gasoline (nonrenewable).

12/ M85 is 85 percent methanol and 15 percent motor gasoline.

13/ Includes all electric power generators except cogenerators, which produce electricity and other useful thermal energy. Includes small power producers and exempt wholesale generators.

14/ Weighted averages of end-use fuel prices are derived from the prices shown in each sector and the corresponding sectoral consumption.

Btu = British thermal unit.

Expend. = Expenditures.

Trans. = Transportation.

Note: Totals may not equal sum of components due to independent rounding. The historical data used were the most current available as of July 31, 1999. At that time, most regional data for 1998 were not available. The numbers presented for 1998 are estimates and may differ from official EIA data reports. Also, please see EIA data publications and the Short-Term Energy Outlook for the latest estimates for 1999.

Sources: 1998 prices for gasoline, distillate, and jet fuel are based on prices in various issues of Energy Information Administration (EIA), Petroleum Marketing Monthly, DOE/EIA-0380 (98/03-99/04) (Washington, DC, 1998-99). 1998 prices for all other petroleum products are derived from the EIA, State Energy Price and Expenditure Report 1995, DOE/EIA-0376(95) (Washington, DC, August 1998). 1998 industrial gas delivered prices are based on EIA, Consumption Survey 1994. 1998 residential and commercial natural gas delivered prices: EIA Natural Gas Monthly, DOE/EIA-0130(99/06) (Washington, DC, June 1999). 1998 coal prices based on EIA, Quarterly Coal Report, DOE/EIA-0121(99/1Q) (Washington, DC, August 1999), and EIA, AEO 2000 National Energy Modeling System run AEO2K.D100199A. 1998 electricity prices for commercial, industrial, and transportation: EIA, AEO2000 National Energy Modeling System run AEO2K.D100199A. Projections: EIA, AEO2000 National Energy Modeling System run AEO2K.D100199A.

**Table 18. Energy Prices by Sector and Source (1 of 2)  
(1998 Dollars per Million Btu, Unless Otherwise Noted)  
08 - Mountain**

	1998	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1998-2020
<b>Residential</b>	12.81	12.95	12.83	12.80	12.98	13.04	13.01	13.09	13.22	13.24	13.23	13.25	13.21	13.22	13.21	13.18	13.15	13.14	13.09	13.08	13.05	13.05	0.1%
Primary Energy 1/	5.86	6.05	5.98	5.97	6.08	6.19	6.24	6.30	6.37	6.41	6.41	6.41	6.40	6.38	6.35	6.31	6.30	6.30	6.31	6.31	6.31	6.32	0.3%
Petroleum Products 2/	8.29	11.10	10.96	10.98	10.99	11.07	11.04	11.08	11.10	11.15	11.21	11.19	11.19	11.29	11.27	11.25	11.32	11.33	11.37	11.44	11.49	11.57	1.5%
Distillate Fuel	5.59	7.21	7.09	7.09	7.14	7.16	7.17	7.21	7.25	7.30	7.38	7.33	7.28	7.28	7.26	7.26	7.28	7.27	7.28	7.33	7.37	7.43	1.3%
Liquefied Petroleum Gas	9.13	12.27	12.09	12.07	12.04	12.10	12.03	12.05	12.05	12.08	12.12	12.09	12.10	12.22	12.19	12.17	12.23	12.25	12.29	12.29	12.36	12.41	1.4%
Natural Gas	5.63	5.54	5.49	5.47	5.60	5.72	5.78	5.85	5.93	5.97	5.98	5.98	5.98	5.95	5.93	5.89	5.88	5.89	5.90	5.91	5.91	5.91	0.2%
Electricity	22.65	23.00	22.72	22.64	22.83	22.73	22.52	22.56	22.73	22.67	22.60	22.60	22.44	22.42	22.38	22.28	22.14	22.06	21.85	21.75	21.61	21.56	-0.2%
<b>Commercial</b>	11.73	11.92	11.79	11.74	11.91	11.95	11.98	12.11	12.21	12.15	12.15	12.18	12.11	12.11	12.12	12.14	12.10	12.09	12.05	12.00	11.93	11.92	0.1%
Primary Energy 1/	4.57	4.77	4.72	4.73	4.85	4.96	5.02	5.10	5.18	5.24	5.27	5.28	5.28	5.27	5.25	5.23	5.23	5.24	5.26	5.27	5.28	5.30	0.7%
Petroleum Products 2/	5.47	6.96	6.80	6.79	6.82	6.85	6.86	6.89	6.93	6.97	7.04	7.00	6.97	6.98	6.97	6.96	6.99	6.98	6.99	7.04	7.08	7.13	1.2%
Distillate Fuel	4.10	5.45	5.33	5.33	5.38	5.39	5.41	5.45	5.49	5.54	5.62	5.57	5.52	5.52	5.50	5.50	5.52	5.51	5.52	5.57	5.61	5.66	1.5%
Residual Fuel	2.50	2.60	2.43	2.45	2.46	2.48	2.49	2.51	2.53	2.54	2.56	2.57	2.59	2.61	2.62	2.64	2.66	2.67	2.69	2.70	2.72	2.74	0.4%
Natural Gas 3/	4.57	4.63	4.61	4.61	4.76	4.88	4.95	5.04	5.14	5.20	5.22	5.24	5.25	5.24	5.22	5.20	5.20	5.21	5.23	5.24	5.25	5.26	0.6%
Electricity	18.81	19.07	18.82	18.67	18.81	18.71	18.64	18.77	18.83	18.60	18.53	18.55	18.35	18.35	18.37	18.42	18.33	18.27	18.17	18.05	17.89	17.83	-0.2%
<b>Industrial 4/</b>	5.16	5.86	5.78	5.77	5.87	5.91	5.93	5.99	6.04	6.05	6.07	6.07	6.04	6.04	6.04	6.04	6.05	6.05	6.06	6.07	6.07	6.10	0.8%
Primary Energy	3.16	3.98	3.93	3.95	4.03	4.10	4.13	4.18	4.24	4.30	4.34	4.34	4.35	4.36	4.35	4.35	4.38	4.39	4.42	4.45	4.48	4.52	1.6%
Petroleum Products 2/	4.22	5.85	5.70	5.68	5.70	5.72	5.71	5.73	5.76	5.79	5.85	5.81	5.79	5.80	5.79	5.78	5.81	5.80	5.82	5.85	5.89	5.93	1.6%
Distillate Fuel	4.27	5.82	5.70	5.69	5.74	5.76	5.78	5.82	5.86	5.90	5.99	5.93	5.89	5.88	5.87	5.86	5.89	5.87	5.88	5.93	5.97	6.03	1.6%
Liquefied Petroleum Gas	6.48	8.53	8.35	8.32	8.30	8.36	8.29	8.30	8.30	8.34	8.37	8.35	8.35	8.47	8.45	8.42	8.49	8.51	8.55	8.62	8.67	8.75	1.4%
Residual Fuel	2.85	3.17	3.00	3.02	3.03	3.05	3.06	3.08	3.10	3.11	3.13	3.14	3.16	3.18	3.19	3.21	3.23	3.24	3.26	3.27	3.29	3.31	0.7%
Natural Gas 5/	2.36	2.40	2.41	2.47	2.68	2.85	2.96	3.07	3.20	3.28	3.33	3.37	3.41	3.41	3.42	3.42	3.45	3.49	3.54	3.58	3.60	3.63	2.0%
Metallurgical Coal	1.93	1.98	1.96	1.94	1.92	1.91	1.89	1.87	1.86	1.84	1.82	1.81	1.80	1.78	1.77	1.76	1.76	1.74	1.72	1.71	1.69	1.68	-0.6%
Steam Coal	1.30	1.28	1.29	1.30	1.30	1.29	1.27	1.26	1.25	1.24	1.22	1.22	1.21	1.20	1.19	1.18	1.17	1.16	1.15	1.14	1.12	1.11	-0.7%
Electricity	11.97	12.20	12.04	11.87	11.99	11.90	11.84	11.91	11.92	11.74	11.67	11.66	11.49	11.44	11.41	11.39	11.33	11.27	11.20	11.11	11.01	11.00	-0.4%
<b>Transportation</b>	8.26	9.87	9.63	9.58	9.60	9.61	9.63	9.61	9.65	9.67	9.70	9.69	9.69	9.69	9.69	9.69	9.70	9.69	9.68	9.67	9.65	9.64	0.7%
Primary Energy	8.24	9.86	9.61	9.57	9.58	9.59	9.61	9.59	9.63	9.65	9.68	9.67	9.66	9.67	9.66	9.67	9.68	9.67	9.66	9.65	9.63	9.62	0.7%
Petroleum Products 2/	8.24	9.86	9.62	9.58	9.60	9.60	9.62	9.60	9.64	9.66	9.69	9.68	9.67	9.68	9.67	9.67	9.68	9.67	9.66	9.65	9.64	9.63	0.7%
Distillate Fuel 6/	7.83	9.25	9.09	9.07	9.10	9.09	9.10	9.12	9.12	9.14	9.22	9.20	9.19	9.21	9.22	9.24	9.27	9.26	9.26	9.26	9.25	9.25	0.8%
Jet Fuel 7/	4.61	5.81	5.65	5.67	5.75	5.76	5.80	5.87	5.90	5.94	6.05	6.02	5.98	5.98	5.97	5.99	6.06	6.05	6.04	6.03	6.02	6.01	1.2%
Motor Gasoline 8/	9.21	11.05	10.73	10.67	10.68	10.69	10.71	10.67	10.72	10.74	10.74	10.73	10.73	10.74	10.73	10.73	10.73	10.73	10.72	10.71	10.71	10.70	0.7%
Residual Fuel	2.14	3.06	3.23	3.38	3.56	3.70	3.81	3.96	4.09	4.13	4.17	4.19	4.21	4.23	4.27	4.28	4.28	4.30	4.34	4.47	4.38	4.43	3.4%
Liquid Petroleum Gas 9/	10.50	12.69	12.49	12.44	12.38	12.41	12.31	12.30	12.27	12.27	12.28	12.23	12.21	12.30	12.25	12.20	12.24	12.23	12.24	12.27	12.29	12.34	0.7%
Natural Gas 10/	4.81	5.29	5.28	5.33	5.51	5.70	5.88	6.09	6.34	6.53	6.68	6.80	6.90	6.96	7.01	7.03	7.05	7.08	7.10	7.10	7.11	7.13	1.8%
Ethanol (E85) 11/	14.35	18.37	17.81	17.75	18.08	18.12	18.19	18.13	18.23	18.28	18.30	18.32	18.34	18.36	18.38	18.40	18.42	18.43	18.45	18.46	18.48	18.49	1.2%
Methanol (M85) 12/	8.99	12.19	12.09	12.20	14.29	14.31	14.70	14.70	15.10	15.12	15.13	15.14	15.15	15.17	15.18	15.20	15.21	15.22	15.23	15.24	15.25	15.26	2.4%
Electricity	16.24	16.20	15.99	15.89	15.87	15.72	15.41	15.37	15.44	15.23	15.16	15.12	14.96	14.92	14.84	14.69	14.57	14.47	14.36	14.24	14.18	14.11	-0.6%
<b>Average End-Use Energy</b>	8.45	9.50	9.35	9.32	9.41	9.44	9.45	9.49	9.55	9.57	9.60	9.60	9.58	9.59	9.58	9.57	9.57	9.56	9.55	9.54	9.52	9.53	0.5%
Primary Energy	8.14	9.33	9.16	9.14	9.21	9.23	9.25	9.27	9.33	9.35	9.38	9.38	9.36	9.37	9.36	9.36	9.36	9.35	9.34	9.34	9.32	9.33	0.6%
Electricity	17.60	18.01	17.82	17.69	17.83	17.74	17.63	17.72	17.80	17.65	17.59	17.60	17.43	17.41	17.38	17.35	17.25	17.19	17.06	16.96	16.83	16.79	-0.2%
<b>Electric Generators 13/</b>																							
Fossil Fuel Average	1.10	1.20	1.17	1.16	1.14	1.12	1.12	1.11	1.11	1.10	1.08	1.06	1.05	1.04	1.03	1.01	0.99	0.97	0.95	0.93	0.91	0.90	-0.9%
Petroleum Products	3.51	5.52	5.40	5.39	5.44	5.46	5.48	5.52	5.56	5.60	5.69	5.63	5.59	5.58	5.57	5.57	5.59	5.57	5.59	5.64	5.68	5.73	2.2%
Distillate Fuel	4.23	5.52	5.40	5.39	5.44	5.46	5.48	5.52	5.56	5.61	5.69	5.64	5.59	5.59	5.57	5.57	5.59	5.58	5.59	5.64	5.68	5.73	1.4%
Residual Fuel	2.16	4.21	4.03	4.05	4.07	4.08	4.10	4.11	4.13	4.15	4.16	4.18	4.19	4.21	4.23	4.24	4.26	4.28	4.29	4.31	4.33	4.34	3.2%
Natural Gas	2.21	2.49	2.53	2.63	2.84	3.05	3.24	3.36	3.47	3.59	3.65	3.69	3.73	3.74	3.73	3.71	3.70	3.68	3.65	3.61	3.58	3.58	2.2%
Steam Coal	1.01	1.00	0.96	0.94	0.93	0.91	0.89	0.87	0.85	0.84	0.82	0.81	0.80	0.78	0.77	0.76	0.75	0.74	0.73	0.72	0.71	0.70	-1.7%

**Table 18. Energy Prices by Sector and Source (2 of 2)**  
**(1998 Dollars per Million Btu, Unless Otherwise Noted)**  
**08 - Mountain**

	1998	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1998-2020	
Average Price to All Users 14/																								
Petroleum Products 2/	7.47	9.13	8.92	8.89	8.92	8.94	8.96	8.96	8.99	9.02	9.07	9.05	9.04	9.05	9.05	9.05	9.07	9.06	9.06	9.07	9.07	9.07	0.9%	
Distillate Fuel	6.85	8.32	8.17	8.16	8.21	8.21	8.22	8.25	8.26	8.29	8.37	8.35	8.32	8.34	8.34	8.36	8.39	8.39	8.39	8.41	8.41	8.43	0.9%	
Jet Fuel	4.61	5.81	5.65	5.67	5.75	5.76	5.80	5.87	5.90	5.94	6.05	6.02	5.98	5.98	5.97	5.99	6.06	6.05	6.04	6.03	6.02	6.01	1.2%	
Liquefied Petroleum Gas	7.75	10.20	10.04	10.03	10.02	10.10	10.04	10.07	10.07	10.10	10.14	10.12	10.11	10.22	10.18	10.15	10.21	10.22	10.25	10.20	10.30	10.35	10.42	1.4%
Motor Gasoline 8/	9.21	11.05	10.73	10.67	10.68	10.69	10.71	10.67	10.72	10.74	10.74	10.73	10.73	10.73	10.73	10.73	10.73	10.73	10.72	10.71	10.71	10.70	0.7%	
Residual Fuel	2.68	3.15	2.98	3.00	3.01	3.03	3.04	3.06	3.07	3.09	3.11	3.12	3.14	3.15	3.17	3.18	3.20	3.22	3.23	3.25	3.27	3.28	0.9%	
Natural Gas	3.74	3.69	3.71	3.76	3.97	4.16	4.26	4.38	4.47	4.57	4.62	4.66	4.68	4.68	4.67	4.66	4.67	4.69	4.71	4.72	4.73	4.75	1.1%	
Coal	1.03	1.01	0.98	0.96	0.94	0.92	0.90	0.89	0.87	0.86	0.84	0.83	0.81	0.80	0.79	0.78	0.77	0.76	0.75	0.74	0.72	0.71	-1.7%	
Ethanol (E85) 11/	14.35	18.37	17.81	17.75	18.08	18.12	18.19	18.13	18.23	18.28	18.30	18.32	18.34	18.36	18.38	18.40	18.42	18.43	18.45	18.46	18.48	18.49	1.2%	
Methanol (M85) 12/	8.99	12.19	12.09	12.20	14.29	14.31	14.70	14.70	15.10	15.12	15.13	15.14	15.15	15.17	15.18	15.20	15.21	15.22	15.23	15.24	15.25	15.26	2.4%	
Electricity	17.60	18.01	17.82	17.69	17.83	17.74	17.63	17.72	17.80	17.65	17.59	17.60	17.43	17.41	17.38	17.35	17.25	17.19	17.06	16.96	16.83	16.79	-0.2%	
Non-Renewable Energy Expenditures by Sector (billion 1998 dollars)																								
Residential	6.50	7.20	7.30	7.45	7.69	7.89	8.01	8.19	8.39	8.56	8.66	8.80	8.85	8.96	9.02	9.10	9.17	9.28	9.31	9.40	9.49	9.63	1.8%	
Commercial	5.66	6.21	6.32	6.44	6.62	6.76	6.90	7.09	7.27	7.36	7.49	7.62	7.69	7.79	7.89	7.98	8.04	8.10	8.15	8.19	8.22	8.28	1.7%	
Industrial	4.98	5.70	5.66	5.75	5.97	6.12	6.26	6.41	6.55	6.62	6.69	6.78	6.79	6.88	6.98	7.10	7.22	7.28	7.36	7.45	7.54	7.65	2.0%	
Transportation	13.45	17.14	17.33	17.90	18.50	19.12	19.70	20.20	20.78	21.31	21.83	22.27	22.60	23.00	23.43	23.97	24.55	25.03	25.54	26.10	26.69	27.34	3.3%	
Total Non-Renewable Expend.	30.60	36.26	36.62	37.54	38.79	39.90	40.87	41.90	42.99	43.85	44.67	45.46	46.64	47.33	48.16	48.98	49.69	50.36	51.15	51.94	52.90	53.90	2.5%	
Trans. Renewable Expend.	0.00	0.01	0.01	0.02	0.03	0.03	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.11	0.11	19.0%	
Total Expenditures	30.60	36.27	36.63	37.56	38.81	39.93	40.91	41.94	43.04	43.91	44.73	45.53	46.02	46.72	47.42	48.25	49.08	49.79	50.47	51.25	52.06	53.02	2.5%	

1/ Weighted average price includes fuels below as well as coal.

2/ This quantity is the weighted average for all petroleum products, not just those listed below.

3/ Excludes independent power producers.

4/ Includes cogenerators.

5/ Excludes uses for lease and plant fuel.

6/ Low sulfur diesel fuel. Price includes Federal and State taxes while excluding county and local taxes.

7/ Kerosene-type jet fuel. Price includes Federal and State taxes while excluding county and local taxes.

8/ Sales weighted-average price for all grades. Includes Federal and State taxes and assumes county and local taxes of 2 cents per gallon.

9/ Includes Federal and State taxes while excluding county and local taxes.

10/ Compressed natural gas used as a vehicle fuel. Price includes estimated motor vehicle fuel taxes.

11/ E85 is 85 percent ethanol (renewable) and 15 percent motor gasoline (nonrenewable).

12/ M85 is 85 percent methanol and 15 percent motor gasoline.

13/ Includes all electric power generators except cogenerators, which produce electricity and other useful thermal energy. Includes small power producers and exempt wholesale generators.

14/ Weighted averages of end-use fuel prices are derived from the prices shown in each sector and the corresponding sectoral consumption.

Btu = British thermal unit.

Expend. = Expenditures.

Trans. = Transportation.

Note: Totals may not equal sum of components due to independent rounding. The historical data used were the most current available as of July 31, 1999. At that time, most regional data for 1998 were not available. The numbers presented for 1998 are estimates and may differ from official EIA data reports. Also, please see EIA data publications and the Short-Term Energy Outlook for the latest estimates for 1999. Sources: 1998 prices for gasoline, distillate, and jet fuel are based on prices in various issues of Energy Information Administration (EIA), Petroleum Marketing Monthly, DOE/EIA-0380 (98/03-99/04) (Washington, DC, 1998-99). 1998 prices for all other petroleum products are derived from the EIA, State Energy Price and Expenditure Report 1995, DOE/EIA-0376(95) (Washington, DC, August 1998). 1998 industrial gas delivered prices are based on EIA, Consumption Survey 1994. 1998 residential and commercial natural gas delivered prices: EIA Natural Gas Monthly, DOE/EIA-0130(99/06) (Washington, DC, June 1999). 1998 coal prices based on EIA, Quarterly Coal Report, DOE/EIA-0121(99/1Q) (Washington, DC, August 1999), and EIA, AEO 2000 National Energy Modeling System run AEO2K.D100199A. 1998 electricity prices for commercial, industrial, and transportation: EIA, AEO2000 National Energy Modeling System run AEO2K.D100199A. Projections: EIA, AEO2000 National Energy Modeling System run AEO2K.D100199A.



**Table 19. Energy Prices by Sector and Source (1 of 2)**  
**(1998 Dollars per Million Btu, Unless Otherwise Noted)**  
**09 - Pacific**

	1998	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1998-2020
<b>Residential</b>	13.73	13.79	13.62	13.54	13.67	13.63	13.51	13.45	13.52	13.55	13.49	13.43	13.40	13.38	13.34	13.24	13.17	13.12	13.04	12.98	12.96	12.92	-0.3%
Primary Energy 1/	6.77	7.08	7.10	7.12	7.17	7.20	7.22	7.24	7.24	7.23	7.21	7.17	7.14	7.10	7.05	6.98	6.93	6.87	6.83	6.79	6.77	6.77	0.0%
Petroleum Products 2/	9.10	11.14	11.15	11.34	11.59	11.74	11.96	12.09	12.18	12.22	12.29	12.34	12.40	12.41	12.45	12.47	12.55	12.58	12.60	12.62	12.72	12.73	1.5%
Distillate Fuel	6.59	8.09	7.85	7.83	7.89	7.95	8.01	8.04	7.99	7.94	7.93	7.95	8.07	8.00	7.97	7.92	7.89	7.92	7.93	7.93	7.92	7.93	0.8%
Liquefied Petroleum Gas	11.61	13.90	14.01	14.22	14.50	14.59	14.81	14.90	15.00	15.02	15.04	15.10	15.11	15.16	15.23	15.28	15.40	15.40	15.39	15.40	15.52	15.51	1.3%
Natural Gas	6.58	6.72	6.73	6.74	6.76	6.78	6.79	6.79	6.79	6.77	6.74	6.69	6.65	6.61	6.55	6.48	6.41	6.35	6.30	6.26	6.23	6.24	-0.2%
Electricity	23.24	23.03	22.66	22.51	22.88	22.84	22.58	22.50	22.77	22.99	22.98	22.97	22.94	22.97	22.95	22.80	22.71	22.67	22.54	22.44	22.37	22.25	-0.2%
<b>Commercial</b>	15.50	15.69	15.51	14.84	14.86	14.73	14.48	14.29	14.26	14.23	14.28	14.36	14.43	14.51	14.55	14.50	14.43	14.36	14.29	14.18	14.11	14.02	-0.5%
Primary Energy 1/	5.46	5.80	5.81	5.84	5.90	5.93	5.97	6.00	6.01	6.02	6.01	5.99	5.97	5.93	5.89	5.84	5.79	5.74	5.71	5.68	5.67	5.67	0.2%
Petroleum Products 2/	5.40	7.19	7.00	7.02	7.13	7.22	7.35	7.38	7.36	7.33	7.33	7.27	7.30	7.20	7.12	7.04	6.99	6.97	6.95	6.91	6.90	6.87	1.1%
Distillate Fuel	3.88	5.85	5.61	5.59	5.65	5.71	5.77	5.80	5.75	5.71	5.69	5.71	5.83	5.77	5.73	5.68	5.65	5.68	5.70	5.69	5.69	5.69	1.8%
Residual Fuel	1.75	3.25	3.08	3.10	3.11	3.13	3.16	3.17	3.19	3.21	3.23	3.25	3.26	3.28	3.30	3.32	3.34	3.35	3.37	3.39	3.41	3.42	3.1%
Natural Gas 3/	5.56	5.79	5.82	5.86	5.91	5.94	5.97	6.00	6.02	6.03	6.02	6.00	5.98	5.95	5.91	5.85	5.80	5.76	5.72	5.69	5.68	5.69	0.1%
Electricity	23.18	22.79	22.42	21.15	21.10	20.81	20.30	19.90	19.81	19.73	19.81	19.93	20.07	20.21	20.31	20.26	20.19	20.10	20.01	19.84	19.71	19.56	-0.8%
<b>Industrial 4/</b>	5.09	5.72	5.69	5.68	5.75	5.75	5.74	5.69	5.73	5.71	5.73	5.74	5.75	5.75	5.74	5.71	5.68	5.66	5.64	5.61	5.60	5.61	0.4%
Primary Energy	3.18	3.91	3.91	4.07	4.14	4.20	4.27	4.28	4.34	4.36	4.38	4.37	4.39	4.38	4.36	4.33	4.31	4.29	4.29	4.27	4.28	4.29	1.4%
Petroleum Products 2/	3.89	5.11	5.02	5.27	5.34	5.39	5.46	5.41	5.49	5.47	5.50	5.47	5.50	5.47	5.46	5.42	5.41	5.39	5.39	5.37	5.37	5.36	1.5%
Distillate Fuel	4.22	6.27	6.03	6.01	6.07	6.13	6.20	6.22	6.17	6.13	6.11	6.13	6.26	6.19	6.15	6.10	6.07	6.10	6.12	6.11	6.11	6.12	1.7%
Liquefied Petroleum Gas	8.57	10.42	10.52	10.74	11.01	11.10	11.33	11.41	11.51	11.53	11.56	11.62	11.63	11.67	11.75	11.79	11.92	11.91	11.91	11.92	12.04	12.03	1.6%
Residual Fuel	2.44	3.37	3.20	3.22	3.23	3.25	3.28	3.30	3.31	3.33	3.35	3.37	3.38	3.40	3.42	3.44	3.46	3.47	3.49	3.51	3.53	3.54	1.7%
Natural Gas 5/	2.59	2.83	2.91	3.00	3.12	3.21	3.30	3.37	3.43	3.47	3.49	3.50	3.51	3.51	3.50	3.48	3.46	3.45	3.44	3.43	3.45	3.49	1.4%
Metallurgical Coal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Steam Coal	1.87	1.84	1.84	1.82	1.82	1.79	1.78	1.76	1.75	1.75	1.71	1.72	1.71	1.69	1.68	1.66	1.65	1.63	1.62	1.60	1.58	1.57	-0.8%
Electricity	14.33	14.24	14.02	13.08	13.00	12.68	12.30	11.98	11.85	11.67	11.67	11.71	11.69	11.72	11.72	11.63	11.57	11.49	11.42	11.27	11.18	11.11	-1.2%
<b>Transportation</b>	7.56	8.91	8.72	8.76	8.84	9.01	9.26	9.24	9.33	9.38	9.38	9.35	9.35	9.31	9.28	9.26	9.25	9.23	9.21	9.18	9.15	9.14	0.9%
Primary Energy	7.53	8.89	8.70	8.74	8.82	8.99	9.24	9.22	9.31	9.36	9.36	9.33	9.32	9.29	9.26	9.23	9.23	9.21	9.19	9.16	9.13	9.11	0.9%
Petroleum Products 2/	7.53	8.90	8.71	8.74	8.82	8.99	9.24	9.22	9.32	9.36	9.36	9.33	9.32	9.29	9.25	9.23	9.22	9.20	9.18	9.15	9.12	9.11	0.9%
Distillate Fuel 6/	8.33	9.70	9.48	9.52	9.44	9.55	9.66	9.69	9.83	9.88	9.87	9.86	9.71	9.66	9.63	9.59	9.50	9.50	9.45	9.35	9.32	9.28	0.5%
Jet Fuel 7/	4.16	5.33	5.19	5.29	5.21	5.34	5.51	5.57	5.83	6.03	6.14	6.13	6.14	6.13	6.11	6.16	6.25	6.25	6.25	6.24	6.24	6.24	1.9%
Motor Gasoline 8/	9.34	10.88	10.68	10.72	10.96	11.22	11.62	11.59	11.64	11.67	11.66	11.65	11.70	11.69	11.68	11.66	11.66	11.65	11.66	11.65	11.63	11.62	1.0%
Residual Fuel	2.43	3.64	3.46	3.48	3.50	3.52	3.55	3.57	3.58	3.60	3.62	3.64	3.66	3.68	3.70	3.72	3.74	3.75	3.77	3.79	3.81	3.83	2.1%
Liquid Petroleum Gas 9/	10.48	12.22	12.30	12.49	12.73	12.80	12.99	13.05	13.12	13.11	13.11	13.14	13.12	13.14	13.19	13.21	13.31	13.27	13.24	13.21	13.30	13.26	1.1%
Natural Gas 10/	5.10	5.68	5.69	5.77	5.91	6.07	6.25	6.46	6.68	6.85	6.98	7.09	7.17	7.23	7.26	7.27	7.26	7.25	7.24	7.23	7.24	7.27	1.6%
Ethanol (E85) 11/	14.35	16.76	16.35	16.35	17.82	17.91	18.05	18.02	18.10	18.15	18.17	18.19	18.21	18.24	18.25	18.27	18.30	18.31	18.33	18.34	18.36	18.37	1.1%
Methanol (M85) 12/	8.99	13.07	12.71	12.75	12.78	12.85	13.34	13.35	13.37	13.38	13.39	13.40	13.42	13.44	13.44	13.46	13.47	13.48	13.49	13.50	13.51	13.51	1.9%
Electricity	17.29	16.78	16.53	16.36	16.26	15.95	15.60	15.47	15.54	14.98	14.97	15.05	14.94	15.00	14.93	14.87	14.87	14.97	14.94	14.78	14.78	14.70	-0.7%
<b>Average End-Use Energy</b>	8.50	9.41	9.27	9.21	9.29	9.36	9.44	9.39	9.47	9.49	9.50	9.49	9.50	9.48	9.46	9.42	9.40	9.37	9.33	9.29	9.26	9.24	0.4%
Primary Energy	7.87	8.87	8.73	8.72	8.80	8.90	9.03	8.99	9.08	9.11	9.12	9.11	9.11	9.10	9.07	9.04	9.02	9.00	8.98	8.94	8.91	8.90	0.6%
Electricity	20.59	20.38	20.07	19.26	19.32	19.10	18.70	18.43	18.44	18.42	18.45	18.51	18.54	18.61	18.62	18.51	18.43	18.36	18.26	18.11	18.01	17.89	-0.6%
<b>Electric Generators 13/</b>																							
Fossil Fuel Average	2.27	2.73	2.73	2.76	2.82	2.85	2.89	2.96	3.01	3.06	3.09	3.13	3.15	3.16	3.17	3.16	3.16	3.16	3.16	3.16	3.17	3.22	1.6%
Petroleum Products	2.65	4.25	4.06	4.07	4.09	4.11	4.14	4.16	4.18	4.20	4.21	4.21	4.23	4.23	4.23	4.23	4.24	4.24	4.25	4.26	4.27	4.28	2.2%
Distillate Fuel	2.96	5.46	5.22	5.20	5.26	5.32	5.38	5.40	5.35	5.31	5.30	5.31	5.44	5.37	5.34	5.28	5.26	5.29	5.30	5.29	5.29	5.30	2.7%
Residual Fuel	2.60	4.08	3.91	3.93	3.95	3.96	3.99	4.01	4.02	4.04	4.06	4.08	4.09	4.11	4.13	4.15	4.17	4.18	4.20	4.22	4.24	4.25	2.3%
Natural Gas	2.57	2.86	2.90	2.96	3.03	3.09	3.14	3.21	3.27	3.32	3.35	3.38	3.40	3.41	3.41	3.39	3.39	3.38	3.38	3.38	3.40	3.45	1.4%
Steam Coal	1.38	1.37	1.34	1.32	1.30	1.28	1.27	1.26	1.25	1.24	1.23	1.22	1.21	1.20	1.19	1.18	1.17	1.16	1.15	1.13	1.12	1.11	-1.0%

**Table 19. Energy Prices by Sector and Source (2 of 2)**  
**(1998 Dollars per Million Btu, Unless Otherwise Noted)**  
**09 - Pacific**

	1998	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1998-2020
Average Price to All Users 14/																							
Petroleum Products 2/	6.93	8.33	8.16	8.24	8.33	8.48	8.71	8.69	8.80	8.83	8.85	8.82	8.82	8.79	8.77	8.75	8.74	8.73	8.72	8.69	8.67	8.66	1.0%
Distillate Fuel	7.53	9.08	8.86	8.88	8.84	8.93	9.03	9.06	9.16	9.20	9.19	9.19	9.09	9.03	9.01	8.96	8.89	8.89	8.86	8.77	8.75	8.72	0.7%
Jet Fuel	4.16	5.33	5.19	5.29	5.21	5.34	5.51	5.57	5.83	6.03	6.14	6.13	6.14	6.13	6.11	6.16	6.25	6.25	6.25	6.24	6.24	6.24	1.9%
Liquefied Petroleum Gas	10.05	12.17	12.21	12.41	12.83	12.95	13.18	13.28	13.35	13.32	13.33	13.41	13.41	13.46	13.53	13.57	13.70	13.69	13.68	13.69	13.81	13.80	1.4%
Motor Gasoline 8/	9.35	10.88	10.69	10.72	10.96	11.22	11.62	11.59	11.65	11.67	11.66	11.65	11.70	11.69	11.68	11.66	11.66	11.65	11.66	11.65	11.63	11.63	1.0%
Residual Fuel	2.47	3.71	3.53	3.55	3.57	3.59	3.61	3.62	3.63	3.64	3.66	3.67	3.69	3.71	3.73	3.75	3.77	3.78	3.80	3.82	3.84	3.86	2.0%
Natural Gas	4.02	4.09	4.16	4.21	4.27	4.34	4.39	4.43	4.47	4.49	4.50	4.49	4.48	4.47	4.44	4.40	4.37	4.35	4.33	4.32	4.33	4.36	0.4%
Coal	1.49	1.52	1.50	1.48	1.45	1.43	1.42	1.41	1.40	1.39	1.37	1.37	1.36	1.35	1.34	1.33	1.32	1.31	1.30	1.28	1.27	1.26	-0.8%
Ethanol (E85) 11/	14.35	16.76	16.35	16.35	17.82	17.91	18.05	18.02	18.10	18.15	18.17	18.19	18.21	18.24	18.25	18.27	18.30	18.31	18.33	18.34	18.36	18.37	1.1%
Methanol (M85) 12/	8.99	13.07	12.71	12.75	12.78	12.85	13.34	13.35	13.37	13.38	13.39	13.40	13.42	13.44	13.44	13.46	13.47	13.48	13.49	13.50	13.51	13.51	1.9%
Electricity	20.59	20.38	20.07	19.26	19.32	19.10	18.70	18.43	18.44	18.42	18.45	18.51	18.54	18.61	18.62	18.51	18.43	18.36	18.26	18.11	18.01	17.89	-0.6%
Non-Renewable Energy Expenditures by Sector (billion 1998 dollars)																							
Residential	14.90	15.72	15.76	15.92	16.33	16.63	16.76	17.01	17.40	17.83	18.06	18.35	18.49	18.70	18.80	18.90	19.03	19.20	19.24	19.35	19.50	19.68	1.3%
Commercial	13.24	13.99	14.01	13.61	13.75	13.78	13.71	13.70	13.83	13.97	14.19	14.42	14.66	14.88	15.06	15.15	15.20	15.22	15.22	15.16	15.13	15.06	0.6%
Industrial	9.23	10.10	10.08	10.09	10.37	10.52	10.65	10.68	10.85	10.93	11.05	11.20	11.32	11.47	11.63	11.76	11.89	11.94	12.03	12.08	12.19	12.31	1.3%
Transportation	31.42	38.62	38.58	39.51	40.67	42.44	44.62	45.58	47.06	48.31	49.29	50.20	51.02	51.77	52.59	53.59	54.58	55.34	56.04	56.70	57.31	58.00	2.8%
Total Non-Renewable Expend.	68.79	78.43	78.42	79.13	81.12	83.37	85.74	86.97	89.15	91.04	92.59	94.18	95.48	96.82	98.09	99.40	100.69	101.70	102.53	103.29	104.13	105.06	1.9%
Trans. Renewable Expend.	0.01	0.02	0.03	0.04	0.06	0.08	0.09	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.19	0.20	0.21	0.21	0.22	0.22	0.23	0.23	17.5%
Total Expenditures	68.79	78.46	78.46	79.17	81.18	83.45	85.84	87.08	89.27	91.18	92.74	94.34	95.65	97.00	98.28	99.60	100.90	101.91	102.75	103.51	104.36	105.29	2.0%

1/ Weighted average price includes fuels below as well as coal.

2/ This quantity is the weighted average for all petroleum products, not just those listed below.

3/ Excludes independent power producers.

4/ Includes cogenerators.

5/ Excludes uses for lease and plant fuel.

6/ Low sulfur diesel fuel. Price includes Federal and State taxes while excluding county and local taxes.

7/ Kerosene-type jet fuel. Price includes Federal and State taxes while excluding county and local taxes.

8/ Sales weighted-average price for all grades. Includes Federal and State taxes and assumes county and local taxes of 2 cents per gallon.

9/ Includes Federal and State taxes while excluding county and local taxes.

10/ Compressed natural gas used as a vehicle fuel. Price includes estimated motor vehicle fuel taxes.

11/ E85 is 85 percent ethanol (renewable) and 15 percent motor gasoline (nonrenewable).

12/ M85 is 85 percent methanol and 15 percent motor gasoline.

13/ Includes all electric power generators except cogenerators, which produce electricity and other useful thermal energy. Includes small power producers and exempt wholesale generators.

14/ Weighted averages of end-use fuel prices are derived from the prices shown in each sector and the corresponding sectoral consumption.

Btu = British thermal unit.

Expend. = Expenditures.

Trans. = Transportation.

Note: Totals may not equal sum of components due to independent rounding. The historical data used were the most current available as of July 31, 1999. At that time, most regional data for 1998 were not available. The numbers presented for 1998 are estimates and may differ from official EIA data reports. Also, please see EIA data publications and the Short-Term Energy Outlook for the latest estimates for 1999.

Sources: 1998 prices for gasoline, distillate, and jet fuel are based on prices in various issues of Energy Information Administration (EIA), Petroleum Marketing Monthly, DOE/EIA-0380 (98/03-99/04) (Washington, DC, 1998-99). 1998 prices for all other petroleum products are derived from the EIA, State Energy Price and Expenditure Report 1995, DOE/EIA-0376(95) (Washington, DC, August 1998). 1998 industrial gas delivered prices are based on EIA, Consumption Survey 1994. 1998 residential and commercial natural gas delivered prices: EIA Natural Gas Monthly, DOE/EIA-0130(99/06) (Washington, DC, June 1999). 1998 coal prices based on EIA, Quarterly Coal Report, DOE/EIA-0121(99/1Q) (Washington, DC, August 1999), and EIA, AEO 2000 National Energy Modeling System run AEO2K.D100199A. 1998 electricity prices for commercial, industrial, and transportation: EIA, AEO2000 National Energy Modeling System run AEO2K.D100199A. Projections: EIA, AEO2000 National Energy Modeling System run AEO2K.D100199A.

**Table 20. Energy Prices by Sector and Source (1 of 2)**  
**(1998 Dollars per Million Btu, Unless Otherwise Noted)**  
**United States Averages**

	1998	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1998-2020
<b>Residential</b>	13.30	13.30	13.17	13.07	13.07	13.08	13.03	13.08	13.12	13.12	13.05	13.09	13.02	13.00	13.01	13.05	13.08	13.07	13.08	13.10	13.09	13.10	-0.1%
Primary Energy 1/	6.75	7.22	7.16	7.13	7.12	7.13	7.15	7.16	7.17	7.17	7.15	7.11	7.09	7.07	7.04	7.01	6.99	6.96	6.94	6.93	6.92	6.92	0.1%
Petroleum Products 2/	7.48	9.45	9.33	9.35	9.41	9.46	9.48	9.54	9.58	9.64	9.73	9.73	9.74	9.80	9.81	9.82	9.88	9.89	9.91	9.95	9.99	10.04	1.3%
Distillate Fuel	6.12	7.58	7.46	7.45	7.51	7.53	7.55	7.59	7.62	7.67	7.75	7.74	7.73	7.76	7.77	7.80	7.82	7.83	7.82	7.84	7.86	7.88	1.2%
Liquefied Petroleum Gas	10.42	13.18	13.01	13.02	13.02	13.10	13.06	13.09	13.12	13.16	13.21	13.21	13.22	13.32	13.30	13.28	13.37	13.38	13.42	13.48	13.55	13.62	1.2%
Natural Gas	6.60	6.68	6.64	6.60	6.59	6.60	6.62	6.64	6.65	6.63	6.60	6.57	6.54	6.52	6.49	6.46	6.43	6.40	6.39	6.37	6.36	6.36	-0.2%
Electricity	23.58	23.05	22.69	22.35	22.25	22.17	21.90	21.92	21.92	21.85	21.59	21.67	21.47	21.39	21.36	21.45	21.50	21.44	21.44	21.46	21.38	21.33	-0.5%
<b>Commercial</b>	13.13	13.08	12.86	12.60	12.53	12.46	12.32	12.34	12.31	12.23	12.10	12.14	12.03	11.98	11.98	12.01	12.04	12.02	12.02	12.02	11.98	12.00	-0.4%
Primary Energy 1/	5.06	5.49	5.44	5.42	5.43	5.46	5.49	5.52	5.55	5.56	5.55	5.54	5.53	5.53	5.52	5.51	5.51	5.50	5.50	5.50	5.51	5.53	0.4%
Petroleum Products 2/	4.55	6.20	6.04	6.04	6.08	6.11	6.12	6.15	6.18	6.22	6.28	6.27	6.27	6.31	6.31	6.32	6.36	6.37	6.38	6.42	6.45	6.49	1.6%
Distillate Fuel	3.93	5.43	5.30	5.29	5.35	5.36	5.38	5.42	5.45	5.50	5.57	5.56	5.55	5.58	5.58	5.60	5.63	5.63	5.63	5.67	5.70	5.73	1.7%
Residual Fuel	2.49	3.84	3.66	3.66	3.67	3.69	3.70	3.71	3.72	3.72	3.73	3.74	3.74	3.75	3.76	3.78	3.79	3.81	3.82	3.84	3.86	3.87	2.0%
Natural Gas 3/	5.26	5.47	5.44	5.42	5.43	5.45	5.48	5.52	5.55	5.56	5.54	5.53	5.52	5.51	5.50	5.49	5.48	5.47	5.47	5.47	5.47	5.50	0.2%
Electricity	21.76	21.19	20.71	20.13	19.91	19.69	19.31	19.26	19.12	18.90	18.60	18.65	18.40	18.28	18.25	18.32	18.37	18.30	18.29	18.28	18.18	18.17	-0.8%
<b>Industrial 4/</b>	4.88	5.52	5.42	5.39	5.38	5.39	5.38	5.41	5.45	5.47	5.46	5.48	5.45	5.47	5.48	5.51	5.55	5.55	5.57	5.60	5.62	5.65	0.7%
Primary Energy	3.41	4.16	4.10	4.11	4.13	4.16	4.18	4.21	4.26	4.29	4.32	4.32	4.32	4.36	4.37	4.39	4.42	4.43	4.45	4.48	4.51	4.55	1.3%
Petroleum Products 2/	4.58	5.92	5.77	5.78	5.79	5.81	5.79	5.80	5.83	5.86	5.90	5.88	5.86	5.92	5.92	5.93	5.97	5.98	6.00	6.04	6.07	6.11	1.3%
Distillate Fuel	4.02	5.53	5.40	5.39	5.45	5.47	5.49	5.53	5.56	5.60	5.68	5.66	5.65	5.66	5.66	5.67	5.71	5.71	5.73	5.78	5.83	5.89	1.7%
Liquefied Petroleum Gas	7.11	8.01	7.84	7.82	7.79	7.85	7.79	7.80	7.81	7.86	7.89	7.87	7.86	7.98	7.96	7.93	8.00	8.02	8.06	8.12	8.17	8.25	0.7%
Residual Fuel	2.49	3.31	3.14	3.14	3.15	3.16	3.17	3.19	3.20	3.21	3.22	3.23	3.24	3.25	3.27	3.28	3.30	3.32	3.33	3.35	3.36	3.38	1.4%
Natural Gas 5/	2.66	2.89	2.88	2.91	2.95	3.00	3.08	3.15	3.21	3.25	3.27	3.28	3.30	3.32	3.34	3.36	3.38	3.40	3.42	3.44	3.46	3.50	1.3%
Metallurgical Coal	1.72	1.75	1.73	1.71	1.69	1.68	1.66	1.65	1.64	1.62	1.61	1.60	1.59	1.57	1.57	1.56	1.56	1.54	1.53	1.52	1.51	1.50	-0.6%
Steam Coal	1.45	1.40	1.38	1.36	1.35	1.34	1.32	1.31	1.30	1.29	1.28	1.26	1.25	1.24	1.23	1.22	1.21	1.20	1.19	1.18	1.17	1.16	-1.0%
Electricity	13.09	13.05	12.81	12.46	12.29	12.14	11.92	11.92	11.89	11.79	11.60	11.66	11.46	11.36	11.33	11.38	11.43	11.35	11.36	11.34	11.27	11.27	-0.7%
<b>Transportation</b>	7.53	9.25	9.00	8.97	9.00	9.03	9.08	9.06	9.10	9.13	9.14	9.13	9.12	9.12	9.11	9.10	9.11	9.09	9.08	9.07	9.05	9.04	0.8%
Primary Energy	7.51	9.24	8.98	8.95	8.98	9.01	9.06	9.04	9.08	9.11	9.12	9.11	9.10	9.10	9.09	9.08	9.09	9.07	9.06	9.05	9.03	9.02	0.8%
Petroleum Products 2/	7.51	9.24	8.98	8.95	8.98	9.02	9.06	9.04	9.09	9.11	9.12	9.11	9.10	9.10	9.08	9.08	9.08	9.07	9.06	9.04	9.02	9.01	0.8%
Distillate Fuel 6/	7.51	9.05	8.88	8.86	8.88	8.88	8.90	8.92	8.94	8.96	9.03	9.01	8.98	9.00	8.99	9.01	9.02	9.01	9.00	8.99	8.97	8.97	0.8%
Jet Fuel 7/	4.06	5.35	5.19	5.23	5.27	5.32	5.39	5.46	5.55	5.64	5.74	5.74	5.74	5.76	5.77	5.81	5.89	5.90	5.90	5.91	5.91	5.91	1.7%
Motor Gasoline 8/	8.54	10.51	10.20	10.16	10.21	10.26	10.33	10.29	10.34	10.37	10.36	10.35	10.36	10.36	10.35	10.35	10.35	10.34	10.33	10.32	10.31	10.30	0.9%
Residual Fuel	2.22	3.24	3.06	3.08	3.09	3.11	3.13	3.15	3.16	3.18	3.20	3.21	3.23	3.25	3.26	3.28	3.30	3.32	3.33	3.35	3.37	3.39	1.9%
Liquid Petroleum Gas 9/	11.01	13.67	13.52	13.52	13.52	13.56	13.52	13.51	13.50	13.50	13.51	13.48	13.45	13.51	13.47	13.41	13.47	13.44	13.44	13.45	13.48	13.50	0.9%
Natural Gas 10/	5.83	6.31	6.23	6.23	6.28	6.39	6.54	6.71	6.90	7.04	7.13	7.22	7.30	7.36	7.40	7.43	7.45	7.46	7.46	7.46	7.47	7.49	1.1%
Ethanol (E85) 11/	14.35	17.50	17.01	16.96	17.42	17.47	17.54	17.49	17.58	17.63	17.65	17.66	17.68	17.69	17.71	17.72	17.74	17.75	17.76	17.77	17.79	17.79	1.0%
Methanol (M85) 12/	8.99	12.26	12.12	12.20	13.65	13.67	14.01	14.01	14.28	14.30	14.31	14.32	14.34	14.35	14.36	14.37	14.38	14.39	14.40	14.41	14.41	14.42	2.2%
Electricity	16.46	15.91	15.63	15.36	15.15	14.92	14.62	14.52	14.47	14.25	14.09	14.15	13.94	13.85	13.78	13.73	13.68	13.64	13.59	13.53	13.46	13.38	-0.9%
<b>Average End-Use Energy</b>	8.08	9.01	8.84	8.77	8.77	8.77	8.76	8.77	8.80	8.81	8.80	8.81	8.78	8.78	8.78	8.79	8.81	8.81	8.81	8.81	8.80	8.81	0.4%
Primary Energy	7.59	8.66	8.48	8.42	8.42	8.43	8.43	8.43	8.47	8.49	8.48	8.49	8.46	8.47	8.46	8.47	8.49	8.49	8.49	8.49	8.48	8.49	0.5%
Electricity	19.56	19.25	18.91	18.49	18.31	18.16	17.85	17.85	17.79	17.67	17.43	17.50	17.29	17.19	17.15	17.21	17.24	17.19	17.18	17.16	17.08	17.06	-0.6%
<b>Electric Generators 13/</b>																							
Fossil Fuel Average	1.48	1.54	1.47	1.45	1.43	1.43	1.44	1.47	1.50	1.52	1.52	1.55	1.57	1.58	1.60	1.61	1.64	1.64	1.65	1.66	1.66	1.67	0.6%
Petroleum Products	2.24	3.34	3.15	3.17	3.21	3.24	3.23	3.21	3.21	3.22	3.25	3.28	3.31	3.33	3.36	3.37	3.40	3.42	3.45	3.50	3.52	3.54	2.1%
Distillate Fuel	3.19	5.00	4.88	4.89	4.93	4.96	4.98	5.03	5.05	5.08	5.16	5.12	5.12	5.10	5.09	5.08	5.10	5.09	5.10	5.15	5.18	5.23	2.3%
Residual Fuel	2.17	3.21	3.04	3.06	3.09	3.12	3.11	3.10	3.09	3.10	3.11	3.13	3.13	3.15	3.16	3.17	3.19	3.21	3.24	3.26	3.29	3.30	1.9%
Natural Gas	2.34	2.59	2.59	2.62	2.65	2.72	2.79	2.88	2.95	3.01	3.05	3.08	3.11	3.14	3.16	3.18	3.21	3.23	3.25	3.26	3.29	3.33	1.6%
Steam Coal	1.25	1.24	1.19	1.16	1.14	1.12	1.11	1.10	1.10	1.09	1.06	1.07	1.06	1.05	1.04	1.04	1.03	1.02	1.01	1.00	0.99	0.98	-1.1%

**Table 20. Energy Prices by Sector and Source (2 of 2)**  
**(1998 Dollars per Million Btu, Unless Otherwise Noted)**  
**United States Averages**

	1998	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1998-2020
Average Price to All Users 14/																							
Petroleum Products 2/	6.64	8.32	8.10	8.11	8.14	8.19	8.22	8.21	8.26	8.29	8.33	8.32	8.32	8.34	8.34	8.34	8.35	8.35	8.35	8.35	8.35	8.35	1.0%
Distillate Fuel	6.60	8.16	8.00	7.99	8.03	8.04	8.06	8.09	8.11	8.14	8.21	8.19	8.17	8.19	8.19	8.20	8.22	8.21	8.21	8.21	8.21	8.22	1.0%
Jet Fuel	4.06	5.35	5.19	5.23	5.27	5.32	5.39	5.46	5.55	5.64	5.74	5.74	5.74	5.76	5.77	5.81	5.89	5.90	5.90	5.91	5.91	5.91	1.7%
Liquefied Petroleum Gas	7.76	9.03	8.87	8.86	8.84	8.91	8.86	8.88	8.88	8.92	8.95	8.93	8.92	9.02	8.99	8.95	9.02	9.03	9.06	9.11	9.16	9.22	0.8%
Motor Gasoline 8/	8.54	10.51	10.20	10.16	10.21	10.26	10.33	10.29	10.34	10.37	10.36	10.35	10.36	10.36	10.35	10.35	10.35	10.34	10.33	10.32	10.31	10.30	0.9%
Residual Fuel	2.24	3.27	3.10	3.11	3.13	3.16	3.16	3.17	3.18	3.19	3.21	3.23	3.24	3.26	3.27	3.29	3.31	3.33	3.34	3.36	3.38	3.40	1.9%
Natural Gas	3.92	4.16	4.16	4.17	4.17	4.21	4.23	4.27	4.29	4.31	4.31	4.29	4.29	4.29	4.28	4.27	4.26	4.26	4.26	4.26	4.28	4.31	0.4%
Coal	1.29	1.25	1.20	1.18	1.15	1.14	1.13	1.12	1.11	1.11	1.08	1.09	1.08	1.07	1.06	1.05	1.04	1.04	1.02	1.01	1.00	0.99	-1.2%
Ethanol (E85) 11/	14.35	17.50	17.01	16.96	17.42	17.47	17.54	17.49	17.58	17.63	17.65	17.66	17.68	17.69	17.71	17.72	17.74	17.75	17.76	17.77	17.79	17.79	1.0%
Methanol (M85) 12/	8.99	12.26	12.12	12.20	13.65	13.67	14.01	14.01	14.28	14.30	14.31	14.32	14.34	14.35	14.36	14.37	14.38	14.39	14.40	14.41	14.41	14.42	2.2%
Electricity	19.56	19.25	18.91	18.49	18.31	18.16	17.85	17.85	17.79	17.67	17.43	17.50	17.29	17.19	17.15	17.21	17.24	17.19	17.18	17.16	17.08	17.06	-0.6%
Non-Renewable Energy Expenditures by Sector (billion 1998 dollars)																							
Residential	131.06	139.89	139.52	139.62	140.76	142.55	142.85	144.61	146.28	148.05	148.22	150.04	150.37	151.66	152.38	154.06	155.58	156.93	157.72	159.05	160.12	161.86	1.0%
Commercial	96.86	101.21	100.89	100.15	100.53	101.02	101.07	102.27	103.10	103.64	103.78	105.14	105.37	105.99	106.79	107.82	108.63	108.90	109.27	109.52	109.44	109.62	0.6%
Industrial	101.24	113.34	112.00	112.64	114.83	116.87	118.54	120.66	122.67	124.12	124.65	126.14	126.20	127.97	129.72	132.02	134.52	135.43	137.08	138.76	140.55	142.83	1.6%
Transportation	188.13	241.05	239.56	243.85	249.41	255.95	262.48	267.19	273.37	278.79	283.70	288.11	291.71	295.62	299.66	304.53	309.47	312.87	316.24	319.78	323.06	326.66	2.5%
Total Non-Renewable Expend.	517.29	595.49	591.97	596.26	605.53	616.38	624.94	634.74	645.43	654.60	660.35	669.44	673.65	681.24	688.55	698.43	708.19	714.13	720.31	727.10	733.17	740.97	1.6%
Trans. Renewable Expend.	0.04	0.16	0.22	0.30	0.38	0.47	0.57	0.66	0.75	0.84	0.93	1.01	1.08	1.14	1.20	1.26	1.31	1.34	1.37	1.39	1.41	1.41	17.5%
Total Expenditures	517.33	595.64	592.19	596.56	605.91	616.86	625.50	635.40	646.19	655.44	661.28	670.44	674.73	682.39	689.75	699.69	709.50	715.47	721.68	728.50	734.58	742.38	1.7%

1/ Weighted average price includes fuels below as well as coal.

2/ This quantity is the weighted average for all petroleum products, not just those listed below.

3/ Excludes independent power producers.

4/ Includes cogenerators.

5/ Excludes uses for lease and plant fuel.

6/ Low sulfur diesel fuel. Price includes Federal and State taxes while excluding county and local taxes.

7/ Kerosene-type jet fuel. Price includes Federal and State taxes while excluding county and local taxes.

8/ Sales weighted-average price for all grades. Includes Federal and State taxes and assumes county and local taxes of 2 cents per gallon.

9/ Includes Federal and State taxes while excluding county and local taxes.

10/ Compressed natural gas used as a vehicle fuel. Price includes estimated motor vehicle fuel taxes.

11/ E85 is 85 percent ethanol (renewable) and 15 percent motor gasoline (nonrenewable).

12/ M85 is 85 percent methanol and 15 percent motor gasoline.

13/ Includes all electric power generators except cogenerators, which produce electricity and other useful thermal energy. Includes small power producers and exempt wholesale generators.

14/ Weighted averages of end-use fuel prices are derived from the prices shown in each sector and the corresponding sectoral consumption.

Btu = British thermal unit.

Expend. = Expenditures.

Trans. = Transportation.

Note: Totals may not equal sum of components due to independent rounding. The historical data used were the most current available as of July 31, 1999. At that time, most regional data for 1998 were not available. The numbers presented for 1998 are estimates and may differ from official EIA data reports. Also, please see EIA data publications and the Short-Term Energy Outlook for the latest estimates for 1999. Sources: 1998 prices for gasoline, distillate, and jet fuel are based on prices in various issues of Energy Information Administration (EIA), Petroleum Marketing Monthly, DOE/EIA-0380 (98/03-99/04) (Washington, DC, 1998-99). 1998 prices for all other petroleum products are derived from the EIA, State Energy Price and Expenditure Report 1995, DOE/EIA-0376(95) (Washington, DC, August 1998). 1998 industrial gas delivered prices are based on EIA, Consumption Survey 1994. 1998 residential and commercial natural gas delivered prices: EIA Natural Gas Monthly, DOE/EIA-0130(99/06) (Washington, DC, June 1999). 1998 coal prices based on EIA, Quarterly Coal Report, DOE/EIA-0121(99/1Q) (Washington, DC, August 1999), and EIA, AEO 2000 National Energy Modeling System run AEO2K.D100199A. 1998 electricity prices for commercial, industrial, and transportation: EIA, AEO2000 National Energy Modeling System run AEO2K.D100199A. Projections: EIA, AEO2000 National Energy Modeling System run AEO2K.D100199A.