



Supplemental Tables to the Annual Energy Outlook 2008

**Part 1:
Consumption & Prices by
Sector & Census Division
Residential, Commercial &
Industrial Demand
Sector Data**



Energy Information Administration

Table 1. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)-New England - 01

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Residential													
Liquefied Petroleum Gases	0.025	0.024	0.025	0.025	0.025	0.025	0.026	0.026	0.027	0.027	0.028	0.029	0.029
Kerosene	0.015	0.012	0.015	0.015	0.014	0.014	0.013	0.014	0.014	0.014	0.014	0.014	0.014
Distillate Fuel Oil	0.316	0.259	0.302	0.291	0.282	0.276	0.277	0.278	0.277	0.277	0.277	0.277	0.276
Liquid Fuels and Other Petroleum Subtotal	0.356	0.295	0.342	0.331	0.321	0.315	0.316	0.318	0.318	0.318	0.318	0.320	0.319
Natural Gas	0.199	0.177	0.196	0.196	0.195	0.192	0.194	0.196	0.196	0.198	0.199	0.201	0.201
Coal	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Renewable Energy 1/	0.028	0.023	0.027	0.027	0.026	0.025	0.025	0.024	0.024	0.024	0.024	0.023	0.023
Electricity	0.166	0.158	0.162	0.164	0.164	0.165	0.166	0.166	0.161	0.160	0.160	0.161	0.161
Delivered Energy	0.749	0.653	0.727	0.718	0.707	0.697	0.700	0.704	0.699	0.700	0.701	0.705	0.704
Electricity Related Losses	0.315	0.280	0.312	0.304	0.304	0.290	0.287	0.290	0.285	0.284	0.275	0.272	0.274
Total	1.064	0.933	1.039	1.022	1.011	0.988	0.987	0.993	0.984	0.984	0.976	0.977	0.977
Commercial													
Liquefied Petroleum Gases	0.005	0.004	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Motor Gasoline 2/	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
Kerosene	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
Distillate Fuel Oil	0.081	0.071	0.074	0.072	0.068	0.068	0.069	0.069	0.070	0.070	0.071	0.071	0.072
Residual Fuel Oil	0.029	0.026	0.025	0.027	0.024	0.022	0.022	0.023	0.023	0.023	0.024	0.024	0.024
Liquid Fuels and Other Petroleum Subtotal	0.122	0.107	0.110	0.110	0.103	0.101	0.102	0.103	0.104	0.105	0.106	0.106	0.106
Natural Gas	0.124	0.114	0.125	0.120	0.120	0.120	0.122	0.124	0.125	0.127	0.129	0.130	0.132
Coal	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Renewable Energy 3/	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010
Electricity	0.187	0.185	0.191	0.195	0.193	0.195	0.198	0.201	0.204	0.208	0.212	0.216	0.219
Delivered Energy	0.444	0.417	0.437	0.435	0.427	0.427	0.433	0.439	0.445	0.451	0.457	0.463	0.468
Electricity Related Losses	0.354	0.328	0.369	0.362	0.358	0.343	0.343	0.351	0.361	0.369	0.364	0.365	0.373
Total	0.798	0.744	0.806	0.797	0.785	0.770	0.776	0.790	0.806	0.820	0.821	0.829	0.841
Industrial 4/													
Liquefied Petroleum Gases	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.004	0.004	0.004	0.004
Motor Gasoline 2/	0.014	0.014	0.014	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.012	0.012	0.012
Distillate Fuel Oil	0.037	0.037	0.036	0.035	0.034	0.034	0.035	0.034	0.033	0.033	0.033	0.033	0.033
Residual Fuel Oil	0.045	0.042	0.043	0.045	0.045	0.042	0.040	0.037	0.035	0.035	0.035	0.035	0.035
Petrochemical Feedstocks	0.011	0.011	0.010	0.010	0.010	0.010	0.011	0.011	0.011	0.011	0.011	0.011	0.011
Other Petroleum 5/	0.046	0.046	0.044	0.044	0.040	0.040	0.039	0.038	0.036	0.035	0.034	0.034	0.033
Liquid Fuels and Other Petroleum Subtotal	0.158	0.155	0.152	0.152	0.147	0.144	0.142	0.138	0.132	0.131	0.130	0.129	0.127
Natural Gas	0.087	0.086	0.088	0.085	0.081	0.083	0.084	0.084	0.084	0.084	0.084	0.083	0.083
Natural-Gas-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Lease and Plant Fuel 6/	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Natural Gas Subtotal	0.087	0.086	0.088	0.085	0.081	0.083	0.084	0.084	0.084	0.084	0.084	0.083	0.083
Metallurgical Coal	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Other Industrial Coal	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
Coal-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Net Coal Coke Imports	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Coal Subtotal	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
Biofuels Heat and Coproducts	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Renewable Energy 7/	0.084	0.086	0.088	0.089	0.081	0.083	0.084	0.084	0.084	0.084	0.084	0.085	0.085
Electricity	0.081	0.077	0.078	0.076	0.076	0.078	0.079	0.080	0.080	0.079	0.079	0.079	0.078
Delivered Energy	0.414	0.408	0.411	0.408	0.389	0.392	0.393	0.390	0.384	0.382	0.381	0.380	0.377
Electricity Related Losses	0.153	0.137	0.151	0.142	0.141	0.137	0.137	0.139	0.141	0.141	0.136	0.134	0.133
Total	0.567	0.546	0.563	0.550	0.530	0.528	0.530	0.528	0.525	0.522	0.516	0.513	0.510

Table 1. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)-New England - 01

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Transportation													
Liquefied Petroleum Gases	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
E85 8/	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.009	0.000	0.050
Motor Gasoline 2/	0.840	0.849	0.855	0.865	0.879	0.893	0.903	0.913	0.922	0.924	0.922	0.933	0.880
Jet Fuel 9/	0.069	0.076	0.077	0.079	0.080	0.082	0.084	0.086	0.087	0.088	0.089	0.091	0.092
Distillate Fuel Oil 10/	0.171	0.177	0.179	0.179	0.182	0.187	0.192	0.196	0.198	0.201	0.203	0.206	0.209
Residual Fuel Oil	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Other Petroleum 11/	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
Liquid Fuels and Other Petroleum Subtotal	1.088	1.109	1.118	1.130	1.148	1.186	1.202	1.213	1.223	1.230	1.230	1.237	1.238
Pipeline Fuel Natural Gas	0.007	0.007	0.008	0.008	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009
Compressed Natural Gas	0.001	0.002	0.002	0.002	0.003	0.003	0.004	0.004	0.005	0.005	0.005	0.006	0.006
Electricity	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Delivered Energy	1.097	1.118	1.129	1.141	1.160	1.181	1.200	1.216	1.228	1.238	1.246	1.253	1.254
Electricity Related Losses	0.002	0.001	0.002	0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
Total	1.098	1.120	1.130	1.143	1.162	1.183	1.201	1.218	1.230	1.240	1.248	1.256	1.256
Delivered Energy Consumption, All Sectors													
Liquefied Petroleum Gases	0.036	0.034	0.036	0.036	0.035	0.035	0.036	0.036	0.037	0.037	0.038	0.038	0.038
E85 8/	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.009	0.000	0.050
Motor Gasoline 2/	0.856	0.865	0.871	0.882	0.895	0.908	0.919	0.929	0.937	0.940	0.937	0.949	0.895
Jet Fuel 9/	0.069	0.076	0.077	0.079	0.080	0.082	0.084	0.086	0.087	0.088	0.089	0.091	0.092
Kerosene	0.021	0.017	0.019	0.019	0.018	0.018	0.018	0.018	0.018	0.018	0.018	0.019	0.019
Distillate Fuel Oil	0.605	0.545	0.592	0.578	0.566	0.565	0.572	0.577	0.579	0.581	0.584	0.588	0.589
Residual Fuel Oil	0.075	0.068	0.068	0.072	0.069	0.065	0.063	0.061	0.059	0.059	0.059	0.059	0.059
Petrochemical Feedstocks	0.011	0.011	0.010	0.010	0.010	0.010	0.011	0.011	0.011	0.011	0.011	0.011	0.011
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Other Petroleum 12/	0.050	0.050	0.049	0.048	0.045	0.044	0.044	0.042	0.040	0.039	0.038	0.038	0.037
Liquid Fuels and Other Petroleum Subtotal	1.723	1.666	1.722	1.723	1.719	1.728	1.746	1.760	1.768	1.776	1.784	1.793	1.790
Natural Gas	0.412	0.379	0.411	0.403	0.399	0.398	0.403	0.407	0.410	0.413	0.417	0.420	0.421
Natural-Gas-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Lease and Plant Fuel 6/	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Pipeline Natural Gas	0.007	0.007	0.008	0.008	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009
Natural Gas Subtotal	0.419	0.385	0.419	0.411	0.408	0.407	0.412	0.416	0.419	0.422	0.426	0.429	0.430
Metallurgical Coal	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Other Coal	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Coal-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Net Coal Coke Imports	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Coal Subtotal	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Biofuels Heat and Coproducts	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Renewable Energy 13/	0.122	0.119	0.126	0.127	0.118	0.118	0.119	0.119	0.118	0.118	0.118	0.118	0.118
Electricity	0.435	0.421	0.433	0.436	0.434	0.440	0.444	0.448	0.446	0.449	0.452	0.456	0.459
Delivered Energy	2.704	2.596	2.705	2.702	2.684	2.698	2.726	2.748	2.756	2.770	2.785	2.801	2.803
Electricity Related Losses	0.824	0.747	0.833	0.809	0.805	0.772	0.768	0.781	0.789	0.796	0.776	0.773	0.782
Total	3.528	3.343	3.538	3.511	3.489	3.469	3.495	3.529	3.545	3.566	3.561	3.575	3.585
Electric Power 14/													
Distillate Fuel Oil	0.007	0.007	0.006	0.006	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Residual Fuel Oil	0.118	0.037	0.025	0.025	0.025	0.025	0.025	0.023	0.023	0.023	0.023	0.023	0.023
Liquid Fuels and Other Petroleum Subtotal	0.125	0.044	0.030	0.030	0.031	0.030	0.030	0.028	0.028	0.028	0.028	0.028	0.028
Natural Gas	0.366	0.383	0.512	0.490	0.484	0.459	0.460	0.469	0.467	0.475	0.465	0.459	0.462
Steam Coal	0.206	0.204	0.176	0.177	0.179	0.181	0.184	0.186	0.189	0.191	0.193	0.196	0.198
Nuclear Power	0.374	0.372	0.375	0.373	0.371	0.371	0.371	0.371	0.371	0.371	0.371	0.371	0.371
Renewable Energy 15/	0.134	0.113	0.108	0.110	0.115	0.122	0.123	0.124	0.125	0.127	0.130	0.132	0.134
Electricity Imports	0.030	0.028	0.040	0.041	0.034	0.023	0.021	0.026	0.030	0.027	0.017	0.020	0.024
Total 16/	1.259	1.168	1.266	1.245	1.239	1.211	1.213	1.229	1.235	1.245	1.229	1.230	1.241

Table 1. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)-New England - 01

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Total Energy Consumption													
Liquefied Petroleum Gases	0.036	0.034	0.036	0.036	0.035	0.035	0.036	0.036	0.037	0.037	0.038	0.038	0.038
E85 8/	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.009	0.000	0.050
Motor Gasoline 2/	0.856	0.865	0.871	0.882	0.895	0.908	0.919	0.929	0.937	0.940	0.937	0.949	0.895
Jet Fuel 9/	0.069	0.076	0.077	0.079	0.080	0.082	0.084	0.086	0.087	0.088	0.089	0.091	0.092
Kerosene	0.021	0.017	0.019	0.019	0.018	0.018	0.018	0.018	0.018	0.018	0.018	0.019	0.019
Distillate Fuel Oil	0.613	0.551	0.597	0.583	0.572	0.570	0.577	0.582	0.584	0.586	0.589	0.593	0.594
Residual Fuel Oil	0.192	0.106	0.093	0.097	0.094	0.090	0.087	0.084	0.082	0.082	0.083	0.083	0.082
Petrochemical Feedstocks	0.011	0.011	0.010	0.010	0.010	0.010	0.011	0.011	0.011	0.011	0.011	0.011	0.011
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Other Petroleum 12/	0.050	0.050	0.049	0.048	0.045	0.044	0.044	0.042	0.040	0.039	0.038	0.038	0.037
Liquid Fuels and Other Petroleum Subtotal	1.848	1.710	1.752	1.753	1.750	1.758	1.776	1.789	1.796	1.805	1.813	1.821	1.818
Natural Gas	0.778	0.762	0.923	0.893	0.883	0.857	0.862	0.876	0.877	0.889	0.881	0.878	0.883
Natural-Gas-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Lease and Plant Fuel 6/	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Pipeline Natural Gas	0.007	0.007	0.008	0.008	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009
Natural Gas Subtotal	0.785	0.768	0.931	0.901	0.892	0.866	0.871	0.885	0.886	0.898	0.890	0.887	0.892
Metallurgical Coal	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Other Coal	0.211	0.209	0.181	0.182	0.184	0.187	0.189	0.191	0.193	0.196	0.198	0.200	0.203
Coal-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Net Coal Coke Imports	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Coal Subtotal	0.211	0.209	0.181	0.182	0.184	0.187	0.189	0.191	0.193	0.196	0.198	0.200	0.203
Nuclear Power	0.374	0.372	0.375	0.373	0.371	0.371	0.371	0.371	0.371	0.371	0.371	0.371	0.371
Biofuels Heat and Coproducts	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Renewable Energy 17/	0.255	0.231	0.234	0.237	0.233	0.240	0.242	0.243	0.244	0.245	0.248	0.250	0.252
Electricity Imports	0.030	0.028	0.040	0.041	0.034	0.023	0.021	0.026	0.030	0.027	0.017	0.020	0.024
Total	3.528	3.343	3.538	3.511	3.489	3.469	3.495	3.529	3.545	3.566	3.561	3.575	3.585
Energy Use & Related Statistics													
Delivered Energy Use	2.704	2.596	2.705	2.702	2.684	2.698	2.726	2.748	2.756	2.770	2.785	2.801	2.803
Total Energy Use	3.528	3.343	3.538	3.511	3.489	3.469	3.495	3.529	3.545	3.566	3.561	3.575	3.585
Population (millions)	14.462	14.544	14.620	14.693	14.763	14.830	14.896	14.960	15.023	15.083	15.142	15.198	15.252
Carbon Dioxide Emissions (million metric tons)	194.16	186.99	189.20	187.02	186.17	184.86	186.32	188.03	188.80	189.94	190.07	191.19	189.48

Table 1. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)-New England - 01

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2006-2030
Residential														
Liquefied Petroleum Gases	0.030	0.030	0.031	0.031	0.032	0.032	0.033	0.033	0.034	0.034	0.035	0.035	0.035	1.7%
Kerosene	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.5%
Distillate Fuel Oil	0.274	0.272	0.270	0.267	0.265	0.262	0.260	0.257	0.254	0.252	0.250	0.247	0.244	-0.3%
Liquid Fuels and Other Petroleum Subtotal	0.318	0.316	0.315	0.312	0.311	0.309	0.307	0.304	0.302	0.300	0.298	0.295	0.293	0.0%
Natural Gas	0.202	0.203	0.204	0.204	0.205	0.205	0.206	0.206	0.207	0.207	0.208	0.207	0.207	0.7%
Coal	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.1%
Renewable Energy 1/	0.023	0.023	0.023	0.022	0.022	0.022	0.022	0.022	0.021	0.021	0.021	0.021	0.021	-0.3%
Electricity	0.161	0.162	0.162	0.162	0.163	0.164	0.166	0.167	0.168	0.169	0.171	0.172	0.173	0.4%
Delivered Energy	0.704	0.703	0.704	0.701	0.701	0.700	0.701	0.699	0.698	0.697	0.698	0.695	0.694	0.3%
Electricity Related Losses	0.275	0.275	0.277	0.277	0.279	0.278	0.278	0.275	0.274	0.272	0.274	0.274	0.268	-0.2%
Total	0.978	0.978	0.981	0.979	0.980	0.978	0.979	0.974	0.972	0.969	0.973	0.969	0.962	0.1%
Commercial														
Liquefied Petroleum Gases	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.7%
Motor Gasoline 2/	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.9%
Kerosene	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.1%
Distillate Fuel Oil	0.072	0.071	0.071	0.071	0.070	0.070	0.070	0.070	0.069	0.069	0.069	0.068	0.068	-0.2%
Residual Fuel Oil	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.023	-0.4%
Liquid Fuels and Other Petroleum Subtotal	0.106	0.106	0.106	0.106	0.105	0.105	0.105	0.105	0.104	0.104	0.104	0.103	0.103	-0.2%
Natural Gas	0.133	0.134	0.136	0.137	0.139	0.140	0.141	0.142	0.144	0.145	0.146	0.147	0.149	1.1%
Coal	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.0%
Renewable Energy 3/	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.0%
Electricity	0.222	0.225	0.228	0.232	0.235	0.238	0.241	0.244	0.247	0.250	0.252	0.255	0.258	1.4%
Delivered Energy	0.473	0.477	0.481	0.486	0.490	0.494	0.498	0.502	0.506	0.510	0.513	0.516	0.520	0.9%
Electricity Related Losses	0.378	0.383	0.390	0.396	0.402	0.403	0.405	0.403	0.403	0.401	0.405	0.406	0.399	0.8%
Total	0.851	0.860	0.871	0.882	0.892	0.898	0.903	0.905	0.909	0.911	0.918	0.922	0.919	0.9%
Industrial 4/														
Liquefied Petroleum Gases	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003	-1.6%
Motor Gasoline 2/	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.011	0.011	0.011	0.011	0.011	-0.7%
Distillate Fuel Oil	0.032	0.032	0.031	0.031	0.030	0.030	0.029	0.029	0.029	0.029	0.028	0.028	0.028	-1.2%
Residual Fuel Oil	0.034	0.034	0.033	0.033	0.033	0.032	0.032	0.032	0.032	0.032	0.031	0.031	0.031	-1.3%
Petrochemical Feedstocks	0.010	0.010	0.010	0.010	0.009	0.009	0.009	0.009	0.009	0.008	0.008	0.008	0.008	-1.5%
Other Petroleum 5/	0.032	0.031	0.031	0.030	0.029	0.029	0.029	0.029	0.028	0.028	0.028	0.027	0.027	-2.2%
Liquid Fuels and Other Petroleum Subtotal	0.125	0.123	0.121	0.119	0.117	0.116	0.114	0.114	0.113	0.112	0.111	0.109	0.108	-1.5%
Natural Gas	0.082	0.082	0.082	0.082	0.081	0.081	0.080	0.079	0.079	0.078	0.078	0.077	0.077	-0.5%
Natural-Gas-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	--
Lease and Plant Fuel 6/	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	--
Natural Gas Subtotal	0.082	0.082	0.082	0.082	0.081	0.081	0.080	0.079	0.079	0.078	0.078	0.077	0.077	-0.5%
Metallurgical Coal	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	--
Other Industrial Coal	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.003	-0.7%
Coal-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	--
Net Coal Coke Imports	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	--
Coal Subtotal	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.003	-0.7%
Biofuels Heat and Coproducts	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	--
Renewable Energy 7/	0.085	0.085	0.085	0.086	0.086	0.086	0.086	0.086	0.086	0.086	0.086	0.086	0.085	0.0%
Electricity	0.077	0.076	0.076	0.075	0.074	0.073	0.072	0.071	0.070	0.069	0.068	0.067	0.066	-0.7%
Delivered Energy	0.373	0.370	0.367	0.365	0.362	0.358	0.356	0.353	0.351	0.349	0.346	0.343	0.340	-0.8%
Electricity Related Losses	0.132	0.130	0.129	0.128	0.126	0.123	0.120	0.117	0.114	0.111	0.109	0.107	0.102	-1.2%
Total	0.505	0.500	0.496	0.493	0.488	0.482	0.476	0.470	0.465	0.460	0.455	0.449	0.442	-0.9%

Table 1. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)-New England - 01

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2006-2030
Transportation														
Liquefied Petroleum Gases	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-4.3%
E85 8/	0.081	0.075	0.095	0.105	0.109	0.108	0.102	0.113	0.108	0.109	0.109	0.106	0.110	41.5%
Motor Gasoline 2/	0.845	0.845	0.814	0.797	0.786	0.780	0.781	0.763	0.763	0.757	0.753	0.753	0.746	-0.5%
Jet Fuel 9/	0.093	0.094	0.096	0.097	0.098	0.099	0.100	0.101	0.102	0.103	0.104	0.105	0.106	1.4%
Distillate Fuel Oil 10/	0.212	0.215	0.218	0.222	0.225	0.229	0.233	0.237	0.241	0.246	0.250	0.255	0.259	1.6%
Residual Fuel Oil	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.4%
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	44.9%
Other Petroleum 11/	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	-0.3%
Liquid Fuels and Other Petroleum Subtotal	1.237	1.235	1.230	1.227	1.225	1.223	1.222	1.221	1.221	1.222	1.223	1.226	1.229	0.4%
Pipeline Fuel Natural Gas	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	1.4%
Compressed Natural Gas	0.006	0.006	0.007	0.007	0.007	0.007	0.007	0.007	0.008	0.008	0.008	0.008	0.008	6.8%
Electricity	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	3.2%
Delivered Energy	1.254	1.252	1.247	1.245	1.242	1.241	1.240	1.239	1.240	1.241	1.242	1.245	1.248	0.5%
Electricity Related Losses	0.002	0.002	0.002	0.002	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	2.6%
Total	1.256	1.254	1.249	1.247	1.245	1.244	1.243	1.242	1.242	1.243	1.245	1.247	1.250	0.5%
Delivered Energy Consumption, All Sectors														
Liquefied Petroleum Gases	0.039	0.039	0.040	0.040	0.041	0.041	0.042	0.042	0.042	0.043	0.043	0.044	0.044	1.1%
E85 8/	0.081	0.075	0.095	0.105	0.109	0.108	0.102	0.113	0.108	0.109	0.109	0.106	0.110	41.5%
Motor Gasoline 2/	0.860	0.860	0.829	0.812	0.801	0.795	0.795	0.778	0.777	0.772	0.768	0.768	0.761	-0.5%
Jet Fuel 9/	0.093	0.094	0.096	0.097	0.098	0.099	0.100	0.101	0.102	0.103	0.104	0.105	0.106	1.4%
Kerosene	0.019	0.019	0.019	0.019	0.019	0.019	0.019	0.019	0.019	0.019	0.019	0.018	0.018	0.4%
Distillate Fuel Oil	0.589	0.589	0.590	0.590	0.591	0.592	0.593	0.593	0.594	0.595	0.597	0.598	0.599	0.4%
Residual Fuel Oil	0.058	0.058	0.058	0.057	0.057	0.056	0.056	0.056	0.056	0.056	0.055	0.055	0.055	-0.9%
Petrochemical Feedstocks	0.010	0.010	0.010	0.010	0.009	0.009	0.009	0.009	0.009	0.008	0.008	0.008	0.008	-1.5%
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	44.9%
Other Petroleum 12/	0.036	0.035	0.035	0.034	0.034	0.033	0.033	0.033	0.032	0.032	0.032	0.031	0.031	-2.0%
Liquid Fuels and Other Petroleum Subtotal	1.786	1.780	1.771	1.764	1.758	1.752	1.749	1.743	1.740	1.738	1.736	1.734	1.734	0.2%
Natural Gas	0.423	0.425	0.428	0.430	0.432	0.433	0.435	0.435	0.437	0.438	0.439	0.440	0.440	0.6%
Natural-Gas-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	--
Lease and Plant Fuel 6/	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	--
Pipeline Natural Gas	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	1.4%
Natural Gas Subtotal	0.432	0.434	0.437	0.439	0.441	0.442	0.444	0.445	0.446	0.447	0.449	0.449	0.449	0.6%
Metallurgical Coal	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	--
Other Coal	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.004	0.004	0.004	0.004	-0.5%
Coal-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	--
Net Coal Coke Imports	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	--
Coal Subtotal	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.004	0.004	0.004	0.004	-0.5%
Biofuels Heat and Coproducts	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	--
Renewable Energy 13/	0.118	0.118	0.118	0.118	0.118	0.118	0.118	0.118	0.118	0.117	0.117	0.117	0.116	-0.1%
Electricity	0.462	0.465	0.468	0.471	0.474	0.477	0.480	0.483	0.486	0.490	0.493	0.495	0.498	0.7%
Delivered Energy	2.803	2.802	2.799	2.797	2.795	2.794	2.796	2.793	2.794	2.796	2.799	2.799	2.802	0.3%
Electricity Related Losses	0.787	0.790	0.799	0.804	0.810	0.807	0.805	0.797	0.794	0.787	0.791	0.789	0.771	0.1%
Total	3.590	3.591	3.598	3.601	3.605	3.601	3.601	3.590	3.588	3.583	3.590	3.588	3.573	0.3%
Electric Power 14/														
Distillate Fuel Oil	0.005	0.005	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	-2.5%
Residual Fuel Oil	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	-2.0%
Liquid Fuels and Other Petroleum Subtotal	0.028	0.028	0.028	0.028	0.028	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	-2.0%
Natural Gas	0.467	0.467	0.482	0.490	0.499	0.498	0.497	0.493	0.492	0.487	0.494	0.485	0.469	0.8%
Steam Coal	0.200	0.203	0.205	0.205	0.205	0.205	0.205	0.205	0.205	0.205	0.205	0.205	0.205	0.0%
Nuclear Power	0.371	0.371	0.371	0.371	0.371	0.371	0.371	0.371	0.371	0.371	0.371	0.371	0.371	0.0%
Renewable Energy 15/	0.135	0.136	0.136	0.135	0.135	0.135	0.135	0.135	0.136	0.137	0.138	0.138	0.138	0.9%
Electricity Imports	0.023	0.026	0.020	0.021	0.022	0.023	0.025	0.025	0.025	0.025	0.025	0.033	0.035	1.0%
Total 16/	1.249	1.255	1.267	1.275	1.284	1.284	1.286	1.280	1.280	1.276	1.284	1.284	1.269	0.3%

Table 1. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)-New England - 01

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2006-2030
Total Energy Consumption														
Liquefied Petroleum Gases	0.039	0.039	0.040	0.040	0.041	0.041	0.042	0.042	0.042	0.043	0.043	0.044	0.044	1.1%
E85 8/	0.081	0.075	0.095	0.105	0.109	0.108	0.102	0.113	0.108	0.109	0.109	0.106	0.110	41.5%
Motor Gasoline 2/	0.860	0.860	0.829	0.812	0.801	0.795	0.795	0.778	0.777	0.772	0.768	0.768	0.761	-0.5%
Jet Fuel 9/	0.093	0.094	0.096	0.097	0.098	0.099	0.100	0.101	0.102	0.103	0.104	0.105	0.106	1.4%
Kerosene	0.019	0.019	0.019	0.019	0.019	0.019	0.019	0.019	0.019	0.019	0.019	0.018	0.018	0.4%
Distillate Fuel Oil	0.594	0.594	0.595	0.595	0.595	0.596	0.597	0.597	0.598	0.599	0.601	0.601	0.603	0.4%
Residual Fuel Oil	0.082	0.081	0.081	0.080	0.080	0.080	0.080	0.079	0.079	0.079	0.079	0.078	0.078	-1.2%
Petrochemical Feedstocks	0.010	0.010	0.010	0.010	0.009	0.009	0.009	0.009	0.009	0.008	0.008	0.008	0.008	-1.5%
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	44.9%
Other Petroleum 12/	0.036	0.035	0.035	0.034	0.034	0.033	0.033	0.033	0.032	0.032	0.032	0.031	0.031	-2.0%
Liquid Fuels and Other Petroleum Subtotal	1.814	1.808	1.799	1.792	1.785	1.780	1.776	1.770	1.767	1.765	1.763	1.761	1.760	0.1%
Natural Gas	0.890	0.892	0.910	0.920	0.931	0.931	0.932	0.929	0.929	0.925	0.933	0.925	0.909	0.7%
Natural-Gas-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	--
Lease and Plant Fuel 6/	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	--
Pipeline Natural Gas	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	1.4%
Natural Gas Subtotal	0.899	0.901	0.919	0.929	0.940	0.940	0.942	0.938	0.938	0.935	0.942	0.934	0.918	0.7%
Metallurgical Coal	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	--
Other Coal	0.205	0.207	0.210	0.210	0.210	0.209	0.209	0.209	0.209	0.209	0.209	0.209	0.209	0.0%
Coal-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	--
Net Coal Coke Imports	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	--
Coal Subtotal	0.205	0.207	0.210	0.210	0.210	0.209	0.209	0.209	0.209	0.209	0.209	0.209	0.209	0.0%
Nuclear Power	0.371	0.371	0.371	0.371	0.371	0.371	0.371	0.371	0.371	0.371	0.371	0.371	0.371	0.0%
Biofuels Heat and Coproducts	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	--
Renewable Energy 17/	0.253	0.254	0.254	0.253	0.253	0.253	0.253	0.253	0.253	0.254	0.255	0.255	0.255	0.4%
Electricity Imports	0.023	0.026	0.020	0.021	0.022	0.023	0.025	0.025	0.025	0.025	0.025	0.033	0.035	1.0%
Total	3.590	3.591	3.598	3.601	3.605	3.601	3.601	3.590	3.588	3.583	3.590	3.588	3.573	0.3%
Energy Use & Related Statistics														
Delivered Energy Use	2.803	2.802	2.799	2.797	2.795	2.794	2.796	2.793	2.794	2.796	2.799	2.799	2.802	0.3%
Total Energy Use	3.590	3.591	3.598	3.601	3.605	3.601	3.601	3.590	3.588	3.583	3.590	3.588	3.573	0.3%
Population (millions)	15.304	15.352	15.398	15.440	15.479	15.516	15.549	15.579	15.607	15.635	15.661	15.686	15.709	0.3%
Carbon Dioxide Emissions (million metric tons)	188.55	188.80	188.57	188.07	188.19	187.89	188.10	187.05	187.10	186.74	187.10	186.58	185.60	0.0%

Table 1. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)-New England - 01

1/ Includes wood used for residential heating. See Table 4 and/or Table 17 for estimates of nonmarketed renewable energy consumption for geothermal heat pumps, solar thermal hot water heating, and solar photovoltaic electricity generation.

2/ Includes ethanol (blends of 10 percent or less) and ethers blended into gasoline.

3/ Includes commercial sector consumption of wood and wood waste, landfill gas, municipal solid waste, and other biomass for combined heat and power.

4/ Includes energy for combined heat and power plants, except those whose primary business is to sell electricity, or electricity and heat, to the public.

5/ Includes petroleum coke, asphalt, road oil, lubricants, still gas, and miscellaneous petroleum products.

6/ Represents natural gas used in well, field, and lease operations, and in natural gas processing plant machinery.

7/ Includes consumption of energy produced from hydroelectric, wood and wood waste, municipal solid waste, and other biomass sources.

8/ E85 refers to a blend of 85 percent ethanol (renewable) and 15 percent motor gasoline (nonrenewable). To address cold starting issues, the percentage of ethanol varies seasonally. The annual average ethanol content of 74 percent is used for this forecast.

9/ Includes only kerosene type.

10/ Diesel fuel for on- and off- road use.

11/ Includes aviation gasoline and lubricants.

12/ Includes unfinished oils, natural gasoline, motor gasoline blending components, aviation gasoline, lubricants, still gas, asphalt, road oil, petroleum coke, and miscellaneous petroleum products.

13/ Includes electricity generated for sale to the grid and for own use from renewable sources, and non-electric energy from renewable sources. Excludes nonmarketed renewable energy consumption for geothermal heat pumps, buildings photovoltaic systems, and solar thermal hot water heaters.

14/ Includes consumption of energy by electricity-only and combined heat and power plants whose primary business is to sell electricity, or electricity and heat, to the public. Includes small power producers and exempt wholesale generators.

15/ Includes conventional hydroelectric, geothermal, wood and wood waste, biogenic municipal solid waste, other biomass, petroleum coke, wind, photovoltaic and solar thermal sources. Excludes net electricity imports.

16/ Includes non-biogenic municipal waste not included above.

17/ Includes hydroelectric, geothermal, wood and wood waste, biogenic municipal solid waste, other biomass, wind, photovoltaic and solar thermal sources. Includes ethanol components of E85; excludes ethanol blends (10 percent or less) in motor gasoline. Excludes net electricity imports and nonmarketed renewable energy consumption for geothermal heat pumps, buildings photovoltaic systems, and solar thermal hot water heaters.

Btu = British thermal unit.

-- = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Data for 2005 and 2006 are model results and may differ slightly from official EIA data reports. Consumption values of 0.00 are values that round to 0.00, because they are less than 0.005.

Sources: 2005 and 2006 consumption based on: Energy Information Administration (EIA), Annual Energy Review 2006, DOE/EIA-0384(2006) (Washington, DC, June 2007). 2005 and 2006 population and gross domestic product: Global Insight, Global Insight Industry and Employment models, July 2007. 2005 and 2006 carbon dioxide emissions: EIA, Emissions of Greenhouse Gases in the United States 2006, DOE/EIA-0573(2006) (Washington, DC, December 2007). Projections: EIA, AEO2008 National Energy Modeling System run aeo2008.d030208f.

Table 2. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)-Middle Atlantic - 02

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Residential													
Liquefied Petroleum Gases	0.037	0.035	0.036	0.036	0.036	0.036	0.036	0.036	0.037	0.037	0.037	0.038	0.038
Kerosene	0.033	0.026	0.031	0.034	0.032	0.029	0.030	0.030	0.031	0.032	0.033	0.034	0.034
Distillate Fuel Oil	0.362	0.292	0.333	0.336	0.331	0.319	0.321	0.322	0.321	0.321	0.321	0.321	0.319
Liquid Fuels and Other Petroleum Subtotal	0.432	0.353	0.400	0.406	0.398	0.384	0.386	0.389	0.389	0.390	0.391	0.393	0.392
Natural Gas	0.910	0.783	0.866	0.893	0.892	0.863	0.868	0.876	0.879	0.885	0.890	0.897	0.897
Coal	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
Renewable Energy 1/	0.086	0.074	0.088	0.092	0.089	0.084	0.083	0.083	0.082	0.081	0.080	0.080	0.079
Electricity	0.458	0.440	0.461	0.462	0.467	0.470	0.471	0.473	0.458	0.456	0.454	0.455	0.455
Delivered Energy	1.888	1.650	1.816	1.854	1.848	1.804	1.811	1.822	1.810	1.813	1.817	1.826	1.824
Electricity Related Losses	1.076	1.041	1.038	1.047	1.066	1.042	1.040	1.040	1.005	0.991	0.999	1.005	1.010
Total	2.964	2.692	2.854	2.902	2.913	2.845	2.851	2.862	2.815	2.804	2.816	2.832	2.835
Commercial													
Liquefied Petroleum Gases	0.008	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
Motor Gasoline 2/	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
Kerosene	0.009	0.007	0.006	0.006	0.005	0.007	0.007	0.007	0.007	0.006	0.007	0.007	0.007
Distillate Fuel Oil	0.158	0.142	0.146	0.146	0.132	0.132	0.133	0.135	0.136	0.137	0.138	0.139	0.140
Residual Fuel Oil	0.073	0.074	0.065	0.066	0.067	0.064	0.065	0.067	0.066	0.066	0.066	0.068	0.067
Liquid Fuels and Other Petroleum Subtotal	0.250	0.232	0.227	0.226	0.214	0.212	0.214	0.218	0.218	0.220	0.222	0.224	0.224
Natural Gas	0.608	0.559	0.614	0.612	0.594	0.591	0.599	0.606	0.613	0.620	0.628	0.634	0.640
Coal	0.016	0.016	0.013	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015
Renewable Energy 3/	0.022	0.022	0.022	0.022	0.022	0.022	0.022	0.022	0.022	0.022	0.022	0.022	0.022
Electricity	0.554	0.550	0.573	0.582	0.574	0.580	0.589	0.596	0.604	0.614	0.622	0.630	0.637
Delivered Energy	1.450	1.379	1.450	1.458	1.420	1.421	1.439	1.458	1.473	1.491	1.509	1.526	1.538
Electricity Related Losses	1.302	1.302	1.292	1.320	1.310	1.286	1.300	1.312	1.324	1.335	1.368	1.391	1.415
Total	2.752	2.682	2.742	2.778	2.730	2.707	2.739	2.769	2.797	2.825	2.877	2.917	2.953
Industrial 4/													
Liquefied Petroleum Gases	0.024	0.024	0.024	0.023	0.024	0.024	0.026	0.025	0.024	0.025	0.025	0.032	0.031
Motor Gasoline 2/	0.027	0.027	0.027	0.027	0.026	0.026	0.026	0.026	0.025	0.025	0.025	0.025	0.024
Distillate Fuel Oil	0.073	0.070	0.069	0.067	0.065	0.066	0.066	0.065	0.064	0.063	0.063	0.063	0.062
Residual Fuel Oil	0.029	0.027	0.027	0.028	0.023	0.022	0.021	0.029	0.028	0.028	0.028	0.028	0.028
Petrochemical Feedstocks	0.123	0.128	0.115	0.113	0.113	0.118	0.122	0.124	0.127	0.126	0.125	0.123	0.121
Other Petroleum 5/	0.430	0.424	0.409	0.403	0.376	0.372	0.368	0.375	0.365	0.364	0.365	0.368	0.364
Liquid Fuels and Other Petroleum Subtotal	0.706	0.700	0.671	0.661	0.627	0.627	0.629	0.644	0.633	0.631	0.631	0.638	0.629
Natural Gas	0.337	0.342	0.344	0.350	0.407	0.416	0.418	0.403	0.403	0.399	0.396	0.382	0.378
Natural-Gas-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Lease and Plant Fuel 6/	0.006	0.007	0.008	0.008	0.008	0.009	0.009	0.009	0.010	0.010	0.010	0.010	0.010
Natural Gas Subtotal	0.343	0.348	0.352	0.358	0.415	0.425	0.427	0.413	0.413	0.409	0.406	0.392	0.388
Metallurgical Coal	0.188	0.183	0.183	0.186	0.182	0.179	0.177	0.172	0.167	0.166	0.166	0.167	0.166
Other Industrial Coal	0.106	0.100	0.102	0.106	0.103	0.102	0.100	0.098	0.095	0.094	0.093	0.092	0.092
Coal-to-Liquids Heat and Power	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Net Coal Coke Imports	-0.149	-0.204	-0.091	-0.218	-0.098	-0.099	-0.101	-0.101	-0.101	-0.101	-0.101	-0.102	-0.102
Coal Subtotal	0.147	0.079	0.194	0.075	0.187	0.181	0.176	0.169	0.161	0.159	0.158	0.157	0.155
Biofuels Heat and Coproducts	0.000	0.000	0.000	0.012	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Renewable Energy 7/	0.051	0.052	0.053	0.054	0.049	0.050	0.051	0.051	0.051	0.051	0.051	0.051	0.051
Electricity	0.273	0.267	0.252	0.250	0.247	0.254	0.258	0.260	0.260	0.259	0.258	0.258	0.256
Delivered Energy	1.519	1.446	1.522	1.409	1.530	1.542	1.545	1.542	1.523	1.514	1.510	1.501	1.485
Electricity Related Losses	0.641	0.632	0.567	0.566	0.564	0.562	0.570	0.572	0.571	0.564	0.568	0.569	0.567
Total	2.160	2.077	2.089	1.975	2.094	2.105	2.115	2.113	2.094	2.078	2.078	2.069	2.052
Transportation													
Liquefied Petroleum Gases	0.001	0.002	0.002	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
E85 8/	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Motor Gasoline 2/	1.885	1.904	1.917	1.894	1.880	1.873	1.864	1.867	1.868	1.866	1.862	1.857	1.848
Jet Fuel 9/	0.364	0.282	0.282	0.287	0.294	0.303	0.313	0.321	0.325	0.329	0.334	0.339	0.344
Distillate Fuel Oil 10/	0.568	0.586	0.594	0.592	0.597	0.612	0.627	0.638	0.645	0.651	0.658	0.666	0.672
Residual Fuel Oil	0.156	0.157	0.167	0.164	0.161	0.158	0.155	0.155	0.154	0.154	0.154	0.154	0.153

Table 2. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)-Middle Atlantic - 02

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Other Petroleum 11/	0.019	0.018	0.017	0.016	0.017	0.017	0.017	0.017	0.017	0.017	0.017	0.017	0.017
Liquid Fuels and Other Petroleum Subtotal	2.994	2.948	2.979	2.956	2.951	2.965	2.978	2.999	3.010	3.018	3.026	3.034	3.036
Pipeline Fuel Natural Gas	0.043	0.043	0.044	0.043	0.044	0.043	0.044	0.044	0.044	0.044	0.044	0.045	0.045
Compressed Natural Gas	0.002	0.003	0.003	0.003	0.004	0.004	0.005	0.005	0.006	0.006	0.006	0.007	0.007
Electricity	0.012	0.012	0.012	0.012	0.013	0.013	0.013	0.013	0.014	0.014	0.014	0.014	0.014
Delivered Energy	3.051	3.005	3.038	3.014	3.012	3.025	3.040	3.062	3.073	3.082	3.091	3.100	3.102
Electricity Related Losses	0.028	0.028	0.027	0.028	0.029	0.029	0.029	0.030	0.030	0.030	0.031	0.032	0.032
Total	3.079	3.034	3.066	3.042	3.040	3.054	3.069	3.091	3.103	3.112	3.122	3.131	3.134
Delivered Energy Consumption, All Sectors													
Liquefied Petroleum Gases	0.071	0.068	0.069	0.069	0.068	0.068	0.070	0.070	0.069	0.070	0.071	0.077	0.077
E85 8/	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Motor Gasoline 2/	1.914	1.933	1.947	1.924	1.908	1.901	1.892	1.895	1.895	1.893	1.889	1.883	1.875
Jet Fuel 9/	0.364	0.282	0.282	0.287	0.294	0.303	0.313	0.321	0.325	0.329	0.334	0.339	0.344
Kerosene	0.049	0.038	0.042	0.044	0.042	0.041	0.041	0.042	0.043	0.044	0.045	0.046	0.046
Distillate Fuel Oil	1.160	1.091	1.142	1.141	1.126	1.129	1.148	1.160	1.166	1.172	1.180	1.190	1.194
Residual Fuel Oil	0.258	0.258	0.259	0.257	0.251	0.244	0.240	0.251	0.249	0.248	0.250	0.250	0.248
Petrochemical Feedstocks	0.123	0.128	0.115	0.113	0.113	0.118	0.122	0.124	0.127	0.126	0.125	0.123	0.121
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Other Petroleum 12/	0.443	0.437	0.422	0.415	0.388	0.384	0.380	0.386	0.377	0.376	0.377	0.379	0.375
Liquid Fuels and Other Petroleum Subtotal	4.382	4.233	4.277	4.249	4.190	4.189	4.207	4.250	4.251	4.259	4.271	4.288	4.280
Natural Gas	1.857	1.686	1.827	1.857	1.897	1.875	1.889	1.891	1.901	1.910	1.920	1.919	1.921
Natural-Gas-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Lease and Plant Fuel 6/	0.006	0.007	0.008	0.008	0.008	0.009	0.009	0.009	0.010	0.010	0.010	0.010	0.010
Pipeline Natural Gas	0.043	0.043	0.044	0.043	0.044	0.043	0.044	0.044	0.044	0.044	0.044	0.045	0.045
Natural Gas Subtotal	1.907	1.735	1.879	1.908	1.949	1.927	1.942	1.944	1.954	1.964	1.975	1.974	1.977
Metallurgical Coal	0.188	0.183	0.183	0.186	0.182	0.179	0.177	0.172	0.167	0.166	0.166	0.167	0.166
Other Coal	0.124	0.117	0.116	0.123	0.120	0.119	0.117	0.115	0.112	0.111	0.110	0.109	0.109
Coal-to-Liquids Heat and Power	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Net Coal Coke Imports	-0.149	-0.204	-0.091	-0.218	-0.098	-0.099	-0.101	-0.101	-0.101	-0.101	-0.101	-0.102	-0.102
Coal Subtotal	0.164	0.096	0.209	0.092	0.204	0.198	0.193	0.186	0.178	0.176	0.175	0.174	0.172
Biofuels Heat and Coproducts	0.000	0.000	0.000	0.012	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Renewable Energy 13/	0.159	0.148	0.164	0.168	0.161	0.157	0.157	0.156	0.155	0.154	0.154	0.153	0.152
Electricity	1.296	1.268	1.298	1.306	1.301	1.316	1.331	1.342	1.337	1.342	1.349	1.357	1.362
Delivered Energy	7.908	7.481	7.826	7.735	7.809	7.793	7.835	7.883	7.880	7.900	7.927	7.952	7.949
Electricity Related Losses	3.047	3.004	2.925	2.961	2.969	2.919	2.939	2.953	2.930	2.920	2.966	2.997	3.025
Total	10.955	10.484	10.751	10.696	10.778	10.711	10.774	10.836	10.809	10.820	10.893	10.949	10.974
Electric Power 14/													
Distillate Fuel Oil	0.026	0.011	0.021	0.023	0.023	0.025	0.025	0.025	0.025	0.025	0.027	0.028	0.028
Residual Fuel Oil	0.287	0.079	0.099	0.099	0.099	0.099	0.099	0.103	0.103	0.103	0.103	0.103	0.103
Liquid Fuels and Other Petroleum Subtotal	0.312	0.090	0.120	0.121	0.121	0.124	0.124	0.128	0.128	0.128	0.130	0.131	0.131
Natural Gas	0.524	0.645	0.640	0.687	0.685	0.632	0.652	0.651	0.601	0.583	0.628	0.644	0.637
Steam Coal	1.563	1.568	1.491	1.483	1.489	1.441	1.465	1.450	1.449	1.455	1.476	1.493	1.521
Nuclear Power	1.525	1.541	1.552	1.547	1.544	1.558	1.558	1.558	1.558	1.558	1.558	1.558	1.558
Renewable Energy 15/	0.361	0.359	0.336	0.344	0.354	0.417	0.410	0.441	0.459	0.470	0.468	0.469	0.477
Electricity Imports	0.024	0.034	0.049	0.049	0.042	0.028	0.026	0.032	0.037	0.033	0.021	0.024	0.029
Total 16/	4.344	4.272	4.223	4.267	4.269	4.235	4.271	4.295	4.266	4.262	4.315	4.354	4.387

Table 2. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)-Middle Atlantic - 02

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Total Energy Consumption													
Liquefied Petroleum Gases	0.071	0.068	0.069	0.069	0.068	0.068	0.070	0.070	0.069	0.070	0.071	0.077	0.077
E85 8/	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Motor Gasoline 2/	1.914	1.933	1.947	1.924	1.908	1.901	1.892	1.895	1.895	1.893	1.889	1.883	1.875
Jet Fuel 9/	0.364	0.282	0.282	0.287	0.294	0.303	0.313	0.321	0.325	0.329	0.334	0.339	0.344
Kerosene	0.049	0.038	0.042	0.044	0.042	0.041	0.041	0.042	0.043	0.044	0.045	0.046	0.046
Distillate Fuel Oil	1.186	1.102	1.163	1.164	1.149	1.154	1.173	1.185	1.190	1.197	1.207	1.217	1.221
Residual Fuel Oil	0.545	0.337	0.358	0.356	0.349	0.343	0.339	0.354	0.351	0.351	0.353	0.353	0.351
Petrochemical Feedstocks	0.123	0.128	0.115	0.113	0.113	0.118	0.122	0.124	0.127	0.126	0.125	0.123	0.121
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Other Petroleum 12/	0.443	0.437	0.422	0.415	0.388	0.384	0.380	0.386	0.377	0.376	0.377	0.379	0.375
Liquid Fuels and Other Petroleum Subtotal	4.694	4.323	4.397	4.370	4.311	4.313	4.331	4.378	4.378	4.386	4.401	4.419	4.411
Natural Gas	2.381	2.331	2.467	2.544	2.582	2.507	2.541	2.542	2.502	2.493	2.548	2.564	2.558
Natural-Gas-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Lease and Plant Fuel 6/	0.006	0.007	0.008	0.008	0.008	0.009	0.009	0.009	0.010	0.010	0.010	0.010	0.010
Pipeline Natural Gas	0.043	0.043	0.044	0.043	0.044	0.043	0.044	0.044	0.044	0.044	0.044	0.045	0.045
Natural Gas Subtotal	2.430	2.380	2.519	2.595	2.634	2.559	2.594	2.595	2.555	2.546	2.602	2.619	2.614
Metallurgical Coal	0.188	0.183	0.183	0.186	0.182	0.179	0.177	0.172	0.167	0.166	0.166	0.167	0.166
Other Coal	1.687	1.685	1.607	1.606	1.609	1.560	1.583	1.565	1.561	1.566	1.586	1.602	1.629
Coal-to-Liquids Heat and Power	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Net Coal Coke Imports	-0.149	-0.204	-0.091	-0.218	-0.098	-0.099	-0.101	-0.101	-0.101	-0.101	-0.101	-0.102	-0.102
Coal Subtotal	1.727	1.664	1.700	1.575	1.693	1.640	1.658	1.636	1.627	1.631	1.650	1.666	1.693
Nuclear Power	1.525	1.541	1.552	1.547	1.544	1.558	1.558	1.558	1.558	1.558	1.558	1.558	1.558
Biofuels Heat and Coproducts	0.000	0.000	0.000	0.012	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Renewable Energy 17/	0.520	0.507	0.500	0.513	0.514	0.574	0.567	0.597	0.613	0.624	0.621	0.623	0.629
Electricity Imports	0.024	0.034	0.049	0.049	0.042	0.028	0.026	0.032	0.037	0.033	0.021	0.024	0.029
Total	10.955	10.484	10.751	10.696	10.778	10.711	10.774	10.836	10.809	10.820	10.893	10.949	10.974
Energy Use & Related Statistics													
Delivered Energy Use	7.908	7.481	7.826	7.735	7.809	7.793	7.835	7.883	7.880	7.900	7.927	7.952	7.949
Total Energy Use	10.955	10.484	10.751	10.696	10.778	10.711	10.774	10.836	10.809	10.820	10.893	10.949	10.974
Population (millions)	40.680	40.830	40.961	41.082	41.195	41.301	41.402	41.499	41.591	41.679	41.761	41.836	41.905
Carbon Dioxide Emissions (million metric tons)	617.54	583.35	593.32	582.45	590.73	580.22	584.44	585.88	583.18	583.48	589.32	593.26	595.32

Table 2. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)-Middle Atlantic - 02

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2006-2030
Residential														
Liquefied Petroleum Gases	0.038	0.039	0.039	0.039	0.040	0.040	0.040	0.041	0.041	0.041	0.042	0.042	0.042	0.8%
Kerosene	0.035	0.036	0.036	0.037	0.037	0.038	0.038	0.039	0.039	0.040	0.040	0.040	0.041	2.0%
Distillate Fuel Oil	0.317	0.315	0.313	0.310	0.307	0.304	0.302	0.299	0.296	0.293	0.291	0.287	0.284	-0.1%
Liquid Fuels and Other Petroleum Subtotal	0.391	0.389	0.388	0.386	0.384	0.382	0.381	0.378	0.375	0.373	0.372	0.369	0.367	0.2%
Natural Gas	0.900	0.902	0.907	0.908	0.909	0.910	0.913	0.911	0.912	0.912	0.914	0.910	0.909	0.6%
Coal	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.0%
Renewable Energy 1/	0.078	0.077	0.077	0.076	0.075	0.075	0.074	0.073	0.072	0.072	0.071	0.070	0.070	-0.2%
Electricity	4.456	4.457	4.458	4.458	4.460	4.463	4.467	4.469	4.472	4.476	4.481	4.483	4.486	0.4%
Delivered Energy	1.826	1.827	1.832	1.829	1.831	1.831	1.837	1.833	1.833	1.835	1.839	1.834	1.833	0.4%
Electricity Related Losses	1.014	1.012	1.008	1.003	1.001	1.006	1.014	1.017	1.029	1.042	1.060	1.080	1.075	0.1%
Total	2.840	2.840	2.840	2.832	2.832	2.838	2.851	2.849	2.862	2.877	2.899	2.914	2.908	0.3%
Commercial														
Liquefied Petroleum Gases	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.008	0.008	0.008	0.008	0.008	0.008	0.4%
Motor Gasoline 2/	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.6%
Kerosene	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.1%
Distillate Fuel Oil	0.140	0.139	0.139	0.138	0.138	0.138	0.137	0.137	0.136	0.136	0.136	0.135	0.135	-0.2%
Residual Fuel Oil	0.067	0.067	0.067	0.068	0.068	0.067	0.067	0.067	0.068	0.068	0.067	0.067	0.068	-0.4%
Liquid Fuels and Other Petroleum Subtotal	0.223	0.223	0.222	0.222	0.222	0.222	0.221	0.221	0.221	0.221	0.220	0.219	0.219	-0.2%
Natural Gas	0.645	0.650	0.655	0.662	0.668	0.673	0.678	0.683	0.689	0.695	0.701	0.708	0.715	1.0%
Coal	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	-0.2%
Renewable Energy 3/	0.022	0.022	0.022	0.022	0.022	0.022	0.022	0.022	0.022	0.022	0.022	0.022	0.022	0.0%
Electricity	0.644	0.652	0.659	0.666	0.674	0.680	0.686	0.692	0.698	0.704	0.710	0.715	0.721	1.1%
Delivered Energy	1.550	1.561	1.574	1.588	1.601	1.612	1.623	1.634	1.646	1.658	1.668	1.680	1.692	0.9%
Electricity Related Losses	1.433	1.442	1.450	1.460	1.465	1.479	1.491	1.502	1.521	1.542	1.565	1.601	1.594	0.8%
Total	2.983	3.004	3.023	3.048	3.066	3.091	3.114	3.136	3.167	3.200	3.233	3.281	3.286	0.8%
Industrial 4/														
Liquefied Petroleum Gases	0.030	0.029	0.028	0.020	0.017	0.017	0.017	0.017	0.016	0.016	0.016	0.016	0.015	-1.8%
Motor Gasoline 2/	0.024	0.024	0.024	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	-0.7%
Distillate Fuel Oil	0.061	0.060	0.059	0.058	0.058	0.057	0.056	0.056	0.055	0.055	0.054	0.053	0.053	-1.2%
Residual Fuel Oil	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.0%
Petrochemical Feedstocks	0.118	0.114	0.112	0.110	0.107	0.105	0.102	0.100	0.098	0.096	0.093	0.091	0.088	-1.5%
Other Petroleum 5/	0.358	0.354	0.350	0.354	0.353	0.351	0.359	0.360	0.359	0.368	0.367	0.365	0.375	-0.5%
Liquid Fuels and Other Petroleum Subtotal	0.619	0.608	0.600	0.593	0.586	0.580	0.584	0.582	0.578	0.585	0.580	0.574	0.581	-0.8%
Natural Gas	0.375	0.373	0.372	0.373	0.372	0.370	0.362	0.361	0.359	0.354	0.352	0.347	0.339	0.0%
Natural-Gas-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	--
Lease and Plant Fuel 6/	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	2.2%
Natural Gas Subtotal	0.386	0.383	0.383	0.384	0.382	0.381	0.372	0.372	0.370	0.365	0.363	0.358	0.351	0.0%
Metallurgical Coal	0.165	0.163	0.162	0.162	0.160	0.159	0.157	0.155	0.152	0.150	0.147	0.143	0.139	-1.1%
Other Industrial Coal	0.091	0.090	0.090	0.089	0.089	0.088	0.088	0.088	0.087	0.087	0.086	0.086	0.085	-0.7%
Coal-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-34.8%
Net Coal Coke Imports	-0.102	-0.101	-0.101	-0.100	-0.100	-0.099	-0.097	-0.096	-0.095	-0.093	-0.091	-0.089	-0.087	-3.5%
Coal Subtotal	0.154	0.152	0.151	0.151	0.150	0.149	0.147	0.146	0.143	0.142	0.142	0.140	0.138	2.3%
Biofuels Heat and Coproducts	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.000	0.005	--
Renewable Energy 7/	0.051	0.051	0.051	0.052	0.052	0.052	0.052	0.052	0.052	0.052	0.052	0.052	0.052	0.0%
Electricity	0.253	0.250	0.248	0.245	0.242	0.239	0.235	0.229	0.229	0.227	0.224	0.221	0.218	-0.8%
Delivered Energy	1.468	1.451	1.438	1.430	1.417	1.405	1.396	1.389	1.378	1.377	1.365	1.344	1.343	-0.3%
Electricity Related Losses	0.563	0.554	0.545	0.538	0.526	0.519	0.511	0.504	0.499	0.498	0.494	0.494	0.482	-1.1%
Total	2.030	2.005	1.983	1.967	1.943	1.924	1.907	1.893	1.877	1.874	1.859	1.838	1.826	-0.5%
Transportation														
Liquefied Petroleum Gases	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	-4.3%
E85 8/	0.001	0.001	0.023	0.140	0.206	0.239	0.210	0.002	0.002	0.002	0.001	0.001	0.001	12.7%
Motor Gasoline 2/	1.835	1.816	1.776	1.669	1.600	1.558	1.565	1.712	1.699	1.689	1.679	1.671	1.665	-0.6%
Jet Fuel 9/	0.349	0.353	0.358	0.363	0.367	0.371	0.375	0.379	0.383	0.387	0.391	0.395	0.399	1.5%
Distillate Fuel Oil 10/	0.680	0.688	0.698	0.707	0.717	0.727	0.738	0.748	0.760	0.772	0.784	0.796	0.808	1.4%
Residual Fuel Oil	0.153	0.152	0.152	0.152	0.151	0.151	0.150	0.150	0.149	0.149	0.148	0.148	0.147	-0.3%

Table 2. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)-Middle Atlantic - 02

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2006-2030
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	44.0%
Other Petroleum 11/	0.017	0.017	0.017	0.017	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	-0.4%
Liquid Fuels and Other Petroleum Subtotal	3.035	3.028	3.025	3.047	3.058	3.063	3.055	3.008	3.011	3.016	3.021	3.028	3.038	0.1%
Pipeline Fuel Natural Gas	0.045	0.045	0.045	0.046	0.046	0.046	0.046	0.046	0.046	0.045	0.045	0.045	0.045	0.2%
Compressed Natural Gas	0.007	0.007	0.007	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.009	5.1%
Electricity	0.015	0.015	0.015	0.015	0.015	0.016	0.016	0.016	0.016	0.016	0.016	0.017	0.017	1.4%
Delivered Energy	3.102	3.095	3.092	3.116	3.127	3.132	3.125	3.078	3.081	3.086	3.092	3.098	3.108	0.1%
Electricity Related Losses	0.033	0.033	0.033	0.033	0.033	0.034	0.034	0.035	0.035	0.036	0.036	0.037	0.037	1.1%
Total	3.134	3.128	3.126	3.149	3.161	3.166	3.159	3.113	3.116	3.121	3.128	3.136	3.145	0.2%
Delivered Energy Consumption, All Sectors														
Liquefied Petroleum Gases	0.076	0.076	0.076	0.068	0.065	0.065	0.065	0.065	0.066	0.066	0.066	0.066	0.066	-0.1%
E85 8/	0.001	0.001	0.023	0.140	0.206	0.239	0.210	0.002	0.002	0.002	0.001	0.001	0.001	12.7%
Motor Gasoline 2/	1.862	1.842	1.802	1.694	1.625	1.583	1.590	1.737	1.725	1.714	1.704	1.696	1.690	-0.6%
Jet Fuel 9/	0.349	0.353	0.358	0.363	0.367	0.371	0.375	0.379	0.383	0.387	0.391	0.395	0.399	1.5%
Kerosene	0.047	0.047	0.048	0.049	0.049	0.050	0.050	0.051	0.051	0.052	0.052	0.052	0.053	1.4%
Distillate Fuel Oil	1.198	1.202	1.209	1.214	1.219	1.226	1.233	1.239	1.247	1.255	1.264	1.271	1.280	0.7%
Residual Fuel Oil	0.248	0.247	0.247	0.246	0.246	0.245	0.244	0.244	0.244	0.244	0.243	0.242	0.242	-0.3%
Petrochemical Feedstocks	0.118	0.114	0.112	0.110	0.107	0.105	0.102	0.100	0.098	0.096	0.093	0.091	0.088	-1.5%
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	44.0%
Other Petroleum 12/	0.370	0.365	0.361	0.365	0.365	0.363	0.370	0.371	0.370	0.379	0.378	0.376	0.386	-0.5%
Liquid Fuels and Other Petroleum Subtotal	4.268	4.249	4.235	4.248	4.250	4.246	4.242	4.189	4.185	4.194	4.193	4.191	4.204	0.0%
Natural Gas	1.927	1.931	1.942	1.950	1.957	1.962	1.961	1.964	1.968	1.970	1.976	1.973	1.971	0.7%
Natural-Gas-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	--
Lease and Plant Fuel 6/	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	2.2%
Pipeline Natural Gas	0.045	0.045	0.045	0.046	0.046	0.046	0.046	0.046	0.046	0.045	0.045	0.045	0.045	0.2%
Natural Gas Subtotal	1.982	1.987	1.998	2.007	2.013	2.018	2.018	2.020	2.025	2.026	2.032	2.029	2.027	0.7%
Metallurgical Coal	0.165	0.163	0.162	0.162	0.160	0.159	0.157	0.155	0.152	0.150	0.147	0.143	0.139	-1.1%
Other Coal	0.108	0.107	0.107	0.106	0.106	0.105	0.105	0.104	0.104	0.103	0.103	0.102	0.102	-0.6%
Coal-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-34.8%
Net Coal Coke Imports	-0.102	-0.101	-0.101	-0.100	-0.100	-0.099	-0.097	-0.096	-0.095	-0.093	-0.091	-0.089	-0.087	-3.5%
Coal Subtotal	0.171	0.169	0.168	0.168	0.167	0.165	0.164	0.163	0.161	0.160	0.158	0.156	0.154	2.0%
Biofuels Heat and Coproducts	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	--
Renewable Energy 13/	0.152	0.151	0.151	0.150	0.149	0.149	0.148	0.147	0.147	0.146	0.145	0.144	0.144	-0.1%
Electricity	1.368	1.374	1.379	1.385	1.391	1.397	1.404	1.409	1.416	1.423	1.430	1.436	1.442	0.5%
Delivered Energy	7.945	7.935	7.936	7.962	7.975	7.981	7.981	7.933	7.938	7.955	7.964	7.957	7.976	0.3%
Electricity Related Losses	3.042	3.041	3.036	3.033	3.026	3.037	3.050	3.058	3.085	3.118	3.155	3.211	3.188	0.2%
Total	10.988	10.977	10.972	10.996	11.002	11.018	11.031	10.991	11.023	11.073	11.119	11.168	11.164	0.3%
Electric Power 14/														
Distillate Fuel Oil	0.028	0.027	0.027	0.027	0.027	0.027	0.026	0.026	0.026	0.026	0.025	0.024	0.023	3.1%
Residual Fuel Oil	0.103	0.103	0.103	0.103	0.103	0.103	0.103	0.103	0.103	0.103	0.103	0.103	0.103	1.1%
Liquid Fuels and Other Petroleum Subtotal	0.130	0.130	0.130	0.130	0.130	0.129	0.129	0.129	0.129	0.128	0.128	0.127	0.126	1.4%
Natural Gas	0.608	0.589	0.577	0.571	0.566	0.561	0.561	0.553	0.540	0.523	0.509	0.498	0.493	-1.1%
Steam Coal	1.565	1.599	1.611	1.624	1.627	1.639	1.650	1.668	1.715	1.777	1.832	1.906	2.028	1.1%
Nuclear Power	1.558	1.558	1.558	1.558	1.558	1.558	1.558	1.558	1.558	1.558	1.558	1.541	1.409	-0.4%
Renewable Energy 15/	0.487	0.472	0.477	0.475	0.476	0.485	0.490	0.494	0.494	0.490	0.494	0.501	0.497	1.4%
Electricity Imports	0.027	0.032	0.025	0.026	0.026	0.028	0.031	0.030	0.030	0.030	0.030	0.040	0.043	1.0%
Total 16/	4.410	4.415	4.415	4.418	4.417	4.434	4.454	4.467	4.500	4.542	4.586	4.647	4.630	0.3%

Table 2. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)-Middle Atlantic - 02

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2006-2030
Total Energy Consumption														
Liquefied Petroleum Gases	0.076	0.076	0.076	0.068	0.065	0.065	0.065	0.065	0.066	0.066	0.066	0.066	0.066	-0.1%
E85 8/	0.001	0.001	0.023	0.140	0.206	0.239	0.210	0.002	0.002	0.002	0.001	0.001	0.001	12.7%
Motor Gasoline 2/	1.862	1.842	1.802	1.694	1.625	1.583	1.590	1.737	1.725	1.714	1.704	1.696	1.690	-0.6%
Jet Fuel 9/	0.349	0.353	0.358	0.363	0.367	0.371	0.375	0.379	0.383	0.387	0.391	0.395	0.399	1.5%
Kerosene	0.047	0.047	0.048	0.049	0.049	0.050	0.050	0.051	0.051	0.052	0.052	0.052	0.053	1.4%
Distillate Fuel Oil	1.226	1.230	1.236	1.241	1.246	1.252	1.260	1.266	1.273	1.281	1.289	1.295	1.303	0.7%
Residual Fuel Oil	0.351	0.350	0.349	0.349	0.348	0.348	0.347	0.347	0.347	0.347	0.346	0.345	0.345	0.1%
Petrochemical Feedstocks	0.118	0.114	0.112	0.110	0.107	0.105	0.102	0.100	0.098	0.096	0.093	0.091	0.088	-1.5%
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	44.0%
Other Petroleum 12/	0.370	0.365	0.361	0.365	0.365	0.363	0.370	0.371	0.370	0.379	0.378	0.376	0.386	-0.5%
Liquid Fuels and Other Petroleum Subtotal	4.398	4.379	4.366	4.378	4.379	4.376	4.371	4.317	4.314	4.323	4.321	4.317	4.330	0.0%
Natural Gas	2.534	2.520	2.520	2.522	2.522	2.522	2.522	2.517	2.509	2.493	2.484	2.471	2.464	0.2%
Natural-Gas-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	--
Lease and Plant Fuel 6/	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	2.2%
Pipeline Natural Gas	0.045	0.045	0.045	0.046	0.046	0.046	0.046	0.046	0.046	0.045	0.045	0.045	0.045	0.2%
Natural Gas Subtotal	2.590	2.576	2.576	2.578	2.579	2.579	2.574	2.574	2.565	2.549	2.541	2.527	2.520	0.2%
Metallurgical Coal	0.165	0.163	0.162	0.162	0.160	0.159	0.157	0.155	0.152	0.150	0.147	0.143	0.139	-1.1%
Other Coal	1.673	1.707	1.718	1.730	1.732	1.744	1.755	1.773	1.819	1.881	1.935	2.008	2.130	1.0%
Coal-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-34.8%
Net Coal Coke Imports	-0.102	-0.101	-0.101	-0.100	-0.100	-0.099	-0.097	-0.096	-0.095	-0.093	-0.091	-0.089	-0.087	-3.5%
Coal Subtotal	1.735	1.769	1.780	1.791	1.793	1.804	1.814	1.831	1.876	1.937	1.991	2.062	2.182	1.1%
Nuclear Power	1.558	1.558	1.558	1.558	1.558	1.558	1.558	1.558	1.558	1.558	1.558	1.541	1.409	-0.4%
Biofuels Heat and Coproducts	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	--
Renewable Energy 17/	0.639	0.623	0.628	0.625	0.626	0.634	0.638	0.641	0.640	0.636	0.639	0.645	0.641	1.0%
Electricity Imports	0.027	0.032	0.025	0.026	0.026	0.028	0.031	0.030	0.030	0.030	0.030	0.040	0.043	1.0%
Total	10.988	10.977	10.972	10.996	11.002	11.018	11.031	10.991	11.023	11.073	11.119	11.168	11.164	0.3%
Energy Use & Related Statistics														
Delivered Energy Use	7.945	7.935	7.936	7.962	7.975	7.981	7.981	7.933	7.938	7.955	7.964	7.957	7.976	0.3%
Total Energy Use	10.988	10.977	10.972	10.996	11.002	11.018	11.031	10.991	11.023	11.073	11.119	11.168	11.164	0.3%
Population (millions)	41.966	42.020	42.066	42.106	42.142	42.172	42.196	42.215	42.232	42.247	42.260	42.271	42.280	0.1%
Carbon Dioxide Emissions (million metric tons)	597.51	599.18	598.57	595.58	593.59	593.32	595.54	602.21	606.01	611.83	616.52	622.42	634.57	0.4%

Table 2. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)-Middle Atlantic - 02

1/ Includes wood used for residential heating. See Table 4 and/or Table 17 for estimates of nonmarketed renewable energy consumption for geothermal heat pumps, solar thermal hot water heating, and solar photovoltaic electricity generation.

2/ Includes ethanol (blends of 10 percent or less) and ethers blended into gasoline.

3/ Includes commercial sector consumption of wood and wood waste, landfill gas, municipal solid waste, and other biomass for combined heat and power.

4/ Includes energy for combined heat and power plants, except those whose primary business is to sell electricity, or electricity and heat, to the public.

5/ Includes petroleum coke, asphalt, road oil, lubricants, still gas, and miscellaneous petroleum products.

6/ Represents natural gas used in well, field, and lease operations, and in natural gas processing plant machinery.

7/ Includes consumption of energy produced from hydroelectric, wood and wood waste, municipal solid waste, and other biomass sources.

8/ E85 refers to a blend of 85 percent ethanol (renewable) and 15 percent motor gasoline (nonrenewable). To address cold starting issues, the percentage of ethanol varies seasonally. The annual average ethanol content of 74 percent is used for this forecast.

9/ Includes only kerosene type.

10/ Diesel fuel for on- and off- road use.

11/ Includes aviation gasoline and lubricants.

12/ Includes unfinished oils, natural gasoline, motor gasoline blending components, aviation gasoline, lubricants, still gas, asphalt, road oil, petroleum coke, and miscellaneous petroleum products.

13/ Includes electricity generated for sale to the grid and for own use from renewable sources, and non-electric energy from renewable sources. Excludes nonmarketed renewable energy consumption for geothermal heat pumps, buildings photovoltaic systems, and solar thermal hot water heaters.

14/ Includes consumption of energy by electricity-only and combined heat and power plants whose primary business is to sell electricity, or electricity and heat, to the public. Includes small power producers and exempt wholesale generators.

15/ Includes conventional hydroelectric, geothermal, wood and wood waste, biogenic municipal solid waste, other biomass, petroleum coke, wind, photovoltaic and solar thermal sources. Excludes net electricity imports.

16/ Includes non-biogenic municipal waste not included above.

17/ Includes hydroelectric, geothermal, wood and wood waste, biogenic municipal solid waste, other biomass, wind, photovoltaic and solar thermal sources. Includes ethanol components of E85; excludes ethanol blends (10 percent or less) in motor gasoline. Excludes net electricity imports and nonmarketed renewable energy consumption for geothermal heat pumps, buildings photovoltaic systems, and solar thermal hot water heaters.

Btu = British thermal unit.

-- = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Data for 2005 and 2006 are model results and may differ slightly from official EIA data reports. Consumption values of 0.00 are values that round to 0.00, because they are less than 0.005.

Sources: 2005 and 2006 consumption based on: Energy Information Administration (EIA), Annual Energy Review 2006, DOE/EIA-0384(2006) (Washington, DC, June 2007). 2005 and 2006 population and gross domestic product: Global Insight, Global Insight Industry and Employment models, July 2007. 2005 and 2006 carbon dioxide emissions: EIA, Emissions of Greenhouse Gases in the United States 2006, DOE/EIA-0573(2006) (Washington, DC, December 2007). Projections: EIA, AEO2008 National Energy Modeling System run aeo2008.d030208f.

Table 3. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)-East North Central - 03

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Residential													
Liquefied Petroleum Gases	0.128	0.121	0.126	0.129	0.126	0.126	0.127	0.129	0.131	0.132	0.134	0.136	0.137
Kerosene	0.008	0.007	0.008	0.008	0.008	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
Distillate Fuel Oil	0.044	0.038	0.042	0.044	0.042	0.041	0.041	0.041	0.041	0.041	0.041	0.042	0.041
Liquid Fuels and Other Petroleum Subtotal	0.181	0.165	0.176	0.181	0.176	0.173	0.175	0.177	0.179	0.181	0.182	0.184	0.185
Natural Gas	1.440	1.272	1.393	1.412	1.428	1.392	1.401	1.413	1.417	1.423	1.430	1.439	1.437
Coal	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
Renewable Energy 1/	0.109	0.096	0.109	0.117	0.110	0.104	0.102	0.101	0.100	0.098	0.097	0.096	0.095
Electricity	0.664	0.636	0.666	0.671	0.672	0.677	0.679	0.683	0.662	0.660	0.659	0.662	0.662
Delivered Energy	2.396	2.171	2.345	2.383	2.387	2.348	2.359	2.376	2.359	2.364	2.370	2.383	2.381
Electricity Related Losses	1.577	1.511	1.574	1.599	1.626	1.649	1.673	1.696	1.670	1.670	1.646	1.650	1.643
Total	3.974	3.682	3.919	3.982	4.013	3.997	4.032	4.073	4.029	4.034	4.016	4.034	4.024
Commercial													
Liquefied Petroleum Gases	0.019	0.018	0.020	0.020	0.019	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020
Motor Gasoline 2/	0.007	0.007	0.008	0.007	0.007	0.007	0.007	0.008	0.008	0.008	0.008	0.008	0.008
Kerosene	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
Distillate Fuel Oil	0.039	0.038	0.038	0.039	0.033	0.033	0.034	0.035	0.036	0.036	0.037	0.037	0.038
Residual Fuel Oil	0.003	0.003	0.003	0.003	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
Liquid Fuels and Other Petroleum Subtotal	0.071	0.069	0.071	0.071	0.063	0.065	0.066	0.067	0.068	0.068	0.069	0.070	0.070
Natural Gas	0.727	0.674	0.714	0.728	0.702	0.701	0.712	0.722	0.731	0.740	0.749	0.756	0.762
Coal	0.025	0.025	0.020	0.026	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025
Renewable Energy 3/	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027
Electricity	0.624	0.623	0.647	0.649	0.659	0.664	0.674	0.684	0.696	0.710	0.723	0.735	0.747
Delivered Energy	1.474	1.418	1.479	1.501	1.475	1.483	1.504	1.525	1.547	1.571	1.593	1.614	1.631
Electricity Related Losses	1.482	1.480	1.527	1.549	1.594	1.619	1.661	1.699	1.755	1.796	1.804	1.833	1.852
Total	2.956	2.898	3.006	3.049	3.069	3.102	3.165	3.224	3.302	3.367	3.397	3.447	3.483
Industrial 4/													
Liquefied Petroleum Gases	0.094	0.094	0.096	0.096	0.093	0.092	0.091	0.089	0.087	0.086	0.085	0.084	0.082
Motor Gasoline 2/	0.055	0.054	0.054	0.055	0.053	0.053	0.054	0.054	0.053	0.053	0.053	0.053	0.052
Distillate Fuel Oil	0.176	0.177	0.184	0.190	0.182	0.183	0.182	0.179	0.175	0.174	0.174	0.173	0.172
Residual Fuel Oil	0.021	0.022	0.022	0.022	0.020	0.019	0.018	0.018	0.017	0.016	0.023	0.022	0.020
Petrochemical Feedstocks	0.139	0.138	0.125	0.126	0.128	0.132	0.135	0.137	0.140	0.139	0.138	0.136	0.135
Other Petroleum 5/	0.651	0.631	0.608	0.608	0.485	0.577	0.591	0.595	0.610	0.609	0.606	0.603	0.599
Liquid Fuels and Other Petroleum Subtotal	1.136	1.116	1.089	1.096	0.961	1.056	1.073	1.073	1.081	1.077	1.078	1.071	1.061
Natural Gas	1.167	1.133	1.166	1.221	1.238	1.196	1.201	1.206	1.179	1.169	1.170	1.166	1.163
Natural-Gas-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Lease and Plant Fuel 6/	0.012	0.019	0.011	0.010	0.010	0.010	0.010	0.011	0.011	0.011	0.011	0.011	0.012
Natural Gas Subtotal	1.179	1.152	1.177	1.231	1.248	1.207	1.211	1.217	1.190	1.180	1.182	1.177	1.175
Metallurgical Coal	0.295	0.288	0.294	0.305	0.293	0.282	0.273	0.262	0.252	0.248	0.244	0.242	0.240
Other Industrial Coal	0.334	0.332	0.347	0.363	0.359	0.353	0.346	0.338	0.329	0.327	0.325	0.324	0.323
Coal-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.017	0.027	0.000	0.000	0.001	0.013	0.049
Net Coal Coke Imports	0.227	0.313	0.140	0.337	0.152	0.152	0.153	0.153	0.152	0.152	0.152	0.153	0.154
Coal Subtotal	0.856	0.933	0.781	1.005	0.804	0.787	0.789	0.780	0.733	0.726	0.723	0.732	0.765
Biofuels Heat and Coproducts	0.053	0.065	0.087	0.131	0.161	0.194	0.194	0.221	0.238	0.243	0.261	0.289	0.305
Renewable Energy 7/	0.140	0.141	0.145	0.147	0.137	0.141	0.145	0.146	0.147	0.149	0.151	0.152	0.154
Electricity	0.731	0.719	0.729	0.728	0.743	0.757	0.768	0.773	0.771	0.771	0.774	0.776	0.777
Delivered Energy	4.095	4.126	4.008	4.338	4.053	4.142	4.180	4.211	4.161	4.145	4.168	4.199	4.236
Electricity Related Losses	1.736	1.706	1.721	1.737	1.797	1.844	1.894	1.920	1.944	1.951	1.931	1.935	1.927
Total	5.831	5.833	5.729	6.076	5.850	5.986	6.075	6.131	6.106	6.096	6.099	6.134	6.162

Table 3. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)-East North Central - 03

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Transportation													
Liquefied Petroleum Gases	0.003	0.003	0.003	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
E85 8/	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.228
Motor Gasoline 2/	2.593	2.619	2.638	2.589	2.555	2.532	2.508	2.505	2.502	2.495	2.488	2.479	2.255
Jet Fuel 9/	0.269	0.265	0.266	0.272	0.278	0.286	0.295	0.303	0.306	0.311	0.315	0.320	0.324
Distillate Fuel Oil 10/	0.909	0.938	0.951	0.947	0.955	0.980	1.006	1.022	1.032	1.041	1.051	1.063	1.071
Residual Fuel Oil	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Other Petroleum 11/	0.026	0.025	0.024	0.023	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024
Liquid Fuels and Other Petroleum Subtotal	3.803	3.854	3.885	3.838	3.818	3.829	3.839	3.861	3.871	3.877	3.885	3.892	3.907
Pipeline Fuel Natural Gas	0.064	0.063	0.063	0.062	0.064	0.063	0.063	0.063	0.062	0.062	0.062	0.062	0.062
Compressed Natural Gas	0.002	0.003	0.003	0.003	0.004	0.004	0.005	0.005	0.006	0.006	0.007	0.007	0.007
Electricity	0.002	0.002	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
Delivered Energy	3.871	3.922	3.954	3.906	3.889	3.899	3.910	3.933	3.942	3.949	3.956	3.964	3.979
Electricity Related Losses	0.005	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
Total	3.877	3.928	3.960	3.912	3.895	3.905	3.917	3.939	3.948	3.955	3.962	3.970	3.985
Delivered Energy Consumption, All Sectors													
Liquefied Petroleum Gases	0.245	0.236	0.245	0.249	0.241	0.241	0.241	0.242	0.241	0.241	0.242	0.243	0.242
E85 8/	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.228
Motor Gasoline 2/	2.655	2.681	2.699	2.651	2.615	2.593	2.569	2.566	2.562	2.556	2.548	2.539	2.315
Jet Fuel 9/	0.269	0.265	0.266	0.272	0.278	0.286	0.295	0.303	0.306	0.311	0.315	0.320	0.324
Kerosene	0.013	0.011	0.011	0.012	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011
Distillate Fuel Oil	1.168	1.191	1.215	1.219	1.211	1.237	1.264	1.278	1.284	1.292	1.303	1.314	1.321
Residual Fuel Oil	0.027	0.028	0.029	0.028	0.026	0.025	0.024	0.024	0.023	0.022	0.022	0.028	0.026
Petrochemical Feedstocks	0.139	0.138	0.125	0.126	0.128	0.132	0.135	0.137	0.140	0.139	0.138	0.136	0.135
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Other Petroleum 12/	0.675	0.654	0.631	0.629	0.507	0.599	0.613	0.617	0.632	0.631	0.628	0.625	0.621
Liquid Fuels and Other Petroleum Subtotal	5.191	5.204	5.222	5.186	5.017	5.124	5.153	5.179	5.199	5.203	5.213	5.217	5.224
Natural Gas	3.336	3.081	3.276	3.364	3.372	3.295	3.319	3.347	3.333	3.339	3.356	3.368	3.370
Natural-Gas-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Lease and Plant Fuel 6/	0.012	0.019	0.011	0.010	0.010	0.010	0.010	0.011	0.011	0.011	0.011	0.011	0.012
Pipeline Natural Gas	0.064	0.063	0.063	0.062	0.064	0.063	0.063	0.063	0.062	0.062	0.062	0.062	0.062
Natural Gas Subtotal	3.412	3.163	3.350	3.436	3.446	3.368	3.392	3.421	3.407	3.413	3.430	3.442	3.443
Metallurgical Coal	0.295	0.288	0.294	0.305	0.293	0.282	0.273	0.262	0.252	0.248	0.244	0.242	0.240
Other Coal	0.361	0.359	0.370	0.391	0.386	0.380	0.373	0.365	0.356	0.354	0.352	0.351	0.350
Coal-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.017	0.027	0.000	0.000	0.001	0.013	0.049
Net Coal Coke Imports	0.227	0.313	0.140	0.337	0.152	0.152	0.153	0.153	0.152	0.152	0.152	0.153	0.154
Coal Subtotal	0.882	0.960	0.803	1.033	0.831	0.814	0.816	0.807	0.760	0.753	0.749	0.759	0.792
Biofuels Heat and Coproducts	0.053	0.065	0.087	0.131	0.161	0.194	0.194	0.221	0.238	0.243	0.261	0.289	0.305
Renewable Energy 13/	0.276	0.265	0.281	0.291	0.274	0.273	0.274	0.275	0.274	0.274	0.275	0.276	0.276
Electricity	2.022	1.981	2.044	2.051	2.076	2.100	2.123	2.141	2.132	2.143	2.158	2.176	2.188
Delivered Energy	11.836	11.638	11.787	12.128	11.805	11.873	11.954	12.044	12.010	12.028	12.087	12.160	12.227
Electricity Related Losses	4.801	4.703	4.827	4.891	5.022	5.118	5.234	5.322	5.375	5.423	5.388	5.425	5.428
Total	16.638	16.341	16.614	17.020	16.827	16.991	17.188	17.367	17.385	17.452	17.475	17.585	17.655

Table 3. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)-East North Central - 03

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Electric Power 14/													
Distillate Fuel Oil	0.038	0.030	0.034	0.034	0.034	0.035	0.037	0.037	0.036	0.032	0.029	0.028	0.028
Residual Fuel Oil	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Liquid Fuels and Other Petroleum Subtotal	0.038	0.030	0.034	0.034	0.035	0.035	0.037	0.037	0.036	0.032	0.029	0.028	0.028
Natural Gas	0.316	0.257	0.413	0.511	0.587	0.530	0.514	0.507	0.463	0.462	0.464	0.463	0.438
Steam Coal	4.790	4.717	4.728	4.691	4.759	4.854	4.945	5.038	5.104	5.149	5.105	5.130	5.148
Nuclear Power	1.582	1.575	1.588	1.583	1.572	1.573	1.578	1.581	1.581	1.581	1.581	1.581	1.581
Renewable Energy 15/	0.092	0.097	0.102	0.118	0.138	0.218	0.274	0.293	0.315	0.335	0.358	0.389	0.412
Electricity Imports	-0.008	-0.005	-0.007	-0.007	-0.006	-0.004	-0.004	-0.005	-0.005	-0.005	-0.005	-0.004	-0.004
Total 16/	6.823	6.683	6.871	6.942	7.098	7.218	7.357	7.464	7.507	7.566	7.546	7.601	7.616
Total Energy Consumption													
Liquefied Petroleum Gases	0.245	0.236	0.245	0.249	0.241	0.241	0.241	0.242	0.241	0.241	0.242	0.243	0.242
E85 8/	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.228
Motor Gasoline 2/	2.655	2.681	2.699	2.651	2.615	2.593	2.569	2.566	2.562	2.556	2.548	2.539	2.315
Jet Fuel 9/	0.269	0.265	0.266	0.272	0.278	0.286	0.295	0.303	0.306	0.311	0.315	0.320	0.324
Kerosene	0.013	0.011	0.011	0.012	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011
Distillate Fuel Oil	1.206	1.221	1.249	1.253	1.246	1.272	1.300	1.315	1.320	1.323	1.331	1.343	1.349
Residual Fuel Oil	0.027	0.028	0.029	0.028	0.026	0.025	0.024	0.024	0.023	0.022	0.028	0.028	0.026
Petrochemical Feedstocks	0.139	0.138	0.125	0.126	0.128	0.132	0.135	0.137	0.140	0.139	0.138	0.136	0.135
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Other Petroleum 12/	0.675	0.654	0.631	0.629	0.507	0.599	0.613	0.617	0.632	0.631	0.628	0.625	0.621
Liquid Fuels and Other Petroleum Subtotal	5.228	5.235	5.256	5.220	5.052	5.159	5.191	5.216	5.235	5.235	5.242	5.246	5.252
Natural Gas	3.652	3.338	3.689	3.875	3.959	3.825	3.833	3.854	3.797	3.801	3.820	3.831	3.808
Natural-Gas-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Lease and Plant Fuel 6/	0.012	0.019	0.011	0.010	0.010	0.010	0.010	0.011	0.011	0.011	0.011	0.011	0.012
Pipeline Natural Gas	0.064	0.063	0.063	0.062	0.064	0.063	0.063	0.063	0.062	0.062	0.062	0.062	0.062
Natural Gas Subtotal	3.728	3.420	3.763	3.947	4.032	3.898	3.907	3.928	3.870	3.874	3.893	3.905	3.881
Metallurgical Coal	0.295	0.288	0.294	0.305	0.293	0.282	0.273	0.262	0.252	0.248	0.244	0.242	0.240
Other Coal	5.151	5.076	5.098	5.082	5.146	5.234	5.318	5.403	5.460	5.503	5.457	5.481	5.497
Coal-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.017	0.027	0.000	0.000	0.001	0.013	0.049
Net Coal Coke Imports	0.227	0.313	0.140	0.337	0.152	0.152	0.153	0.153	0.152	0.152	0.152	0.153	0.154
Coal Subtotal	5.672	5.677	5.531	5.723	5.590	5.668	5.761	5.845	5.864	5.902	5.854	5.889	5.940
Nuclear Power	1.582	1.575	1.588	1.583	1.572	1.573	1.578	1.581	1.581	1.581	1.581	1.581	1.581
Biofuels Heat and Coproducts	0.053	0.065	0.087	0.131	0.161	0.194	0.194	0.221	0.238	0.243	0.261	0.289	0.305
Renewable Energy 17/	0.368	0.362	0.383	0.409	0.412	0.491	0.548	0.568	0.589	0.609	0.633	0.665	0.688
Electricity Imports	-0.008	-0.005	-0.007	-0.007	-0.006	-0.004	-0.004	-0.005	-0.005	-0.005	-0.003	-0.004	-0.004
Total	16.638	16.341	16.614	17.020	16.827	16.991	17.188	17.367	17.385	17.452	17.475	17.585	17.655
Energy Use & Related Statistics													
Delivered Energy Use	11.836	11.638	11.787	12.128	11.805	11.873	11.954	12.044	12.010	12.028	12.087	12.160	12.227
Total Energy Use	16.638	16.341	16.614	17.020	16.827	16.991	17.188	17.367	17.385	17.452	17.475	17.585	17.655
Population (millions)	46.474	46.669	46.846	47.014	47.177	47.333	47.483	47.628	47.765	47.895	48.017	48.129	48.233
Carbon Dioxide Emissions (million metric tons)	1074.46	1056.06	1063.66	1086.63	1066.57	1071.79	1082.51	1093.66	1094.23	1097.72	1094.73	1099.26	1094.14

Table 3. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)-East North Central - 03

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2006-2030
Residential														
Liquefied Petroleum Gases	0.139	0.140	0.142	0.143	0.145	0.146	0.148	0.149	0.150	0.152	0.153	0.154	0.156	1.1%
Kerosene	0.007	0.007	0.007	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	-0.8%
Distillate Fuel Oil	0.041	0.041	0.040	0.040	0.040	0.039	0.039	0.039	0.038	0.038	0.037	0.037	0.037	-0.1%
Liquid Fuels and Other Petroleum Subtotal	0.186	0.187	0.189	0.190	0.191	0.192	0.193	0.194	0.195	0.195	0.197	0.197	0.198	0.7%
Natural Gas	1.438	1.439	1.445	1.444	1.444	1.443	1.444	1.437	1.434	1.431	1.430	1.421	1.416	0.4%
Coal	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	-0.2%
Renewable Energy 1/	0.094	0.093	0.092	0.091	0.090	0.089	0.089	0.088	0.087	0.086	0.086	0.085	0.084	-0.6%
Electricity	0.664	0.666	0.667	0.668	0.671	0.675	0.682	0.686	0.692	0.698	0.706	0.710	0.715	0.5%
Delivered Energy	2.384	2.387	2.395	2.394	2.398	2.401	2.410	2.406	2.409	2.412	2.420	2.414	2.415	0.4%
Electricity Related Losses	1.640	1.631	1.620	1.616	1.627	1.630	1.648	1.654	1.654	1.655	1.667	1.667	1.680	0.4%
Total	4.024	4.018	4.015	4.009	4.025	4.031	4.058	4.059	4.064	4.067	4.087	4.082	4.095	0.4%
Commercial														
Liquefied Petroleum Gases	0.020	0.020	0.020	0.020	0.020	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.6%
Motor Gasoline 2/	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.2%
Kerosene	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.1%
Distillate Fuel Oil	0.038	0.038	0.038	0.038	0.038	0.038	0.038	0.038	0.038	0.038	0.038	0.038	0.038	0.0%
Residual Fuel Oil	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	-1.0%
Liquid Fuels and Other Petroleum Subtotal	0.070	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.072	0.072	0.072	0.072	0.2%
Natural Gas	0.766	0.771	0.776	0.783	0.788	0.791	0.794	0.798	0.802	0.805	0.808	0.812	0.815	0.8%
Coal	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.0%
Renewable Energy 3/	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.0%
Electricity	0.757	0.768	0.779	0.790	0.801	0.812	0.823	0.833	0.845	0.856	0.867	0.878	0.888	1.5%
Delivered Energy	1.646	1.661	1.678	1.696	1.712	1.727	1.741	1.755	1.770	1.785	1.799	1.813	1.827	1.1%
Electricity Related Losses	1.869	1.880	1.890	1.913	1.942	1.960	1.988	2.010	2.020	2.030	2.048	2.062	2.085	1.4%
Total	3.516	3.541	3.568	3.609	3.654	3.686	3.729	3.765	3.790	3.815	3.847	3.876	3.912	1.3%
Industrial 4/														
Liquefied Petroleum Gases	0.081	0.079	0.078	0.077	0.076	0.075	0.074	0.073	0.073	0.072	0.071	0.070	0.070	-1.2%
Motor Gasoline 2/	0.052	0.052	0.051	0.051	0.051	0.051	0.051	0.051	0.052	0.052	0.051	0.051	0.051	-0.2%
Distillate Fuel Oil	0.171	0.169	0.167	0.166	0.165	0.164	0.163	0.163	0.163	0.163	0.162	0.162	0.162	-0.4%
Residual Fuel Oil	0.016	0.016	0.016	0.015	0.015	0.015	0.015	0.015	0.014	0.014	0.014	0.014	0.014	-1.8%
Petrochemical Feedstocks	0.133	0.131	0.129	0.127	0.125	0.124	0.123	0.121	0.120	0.119	0.118	0.116	0.115	-0.8%
Other Petroleum 5/	0.596	0.591	0.587	0.586	0.587	0.589	0.586	0.590	0.596	0.601	0.602	0.605	0.612	-0.1%
Liquid Fuels and Other Petroleum Subtotal	1.049	1.038	1.028	1.023	1.020	1.018	1.012	1.013	1.017	1.021	1.019	1.019	1.024	-0.4%
Natural Gas	1.164	1.164	1.164	1.173	1.169	1.166	1.154	1.146	1.139	1.132	1.123	1.110	1.101	-0.1%
Natural-Gas-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	--
Lease and Plant Fuel 6/	0.012	0.012	0.012	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	-2.2%
Natural Gas Subtotal	1.175	1.176	1.175	1.184	1.181	1.178	1.165	1.157	1.150	1.143	1.134	1.121	1.112	-0.1%
Metallurgical Coal	0.237	0.235	0.233	0.231	0.229	0.226	0.223	0.220	0.216	0.213	0.209	0.204	0.199	-1.5%
Other Industrial Coal	0.322	0.321	0.321	0.320	0.320	0.320	0.319	0.318	0.318	0.317	0.316	0.316	0.315	-0.2%
Coal-to-Liquids Heat and Power	0.035	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-27.0%
Net Coal Coke Imports	0.154	0.154	0.154	0.155	0.154	0.154	0.153	0.152	0.151	0.149	0.147	0.144	0.142	-3.2%
Coal Subtotal	0.748	0.717	0.708	0.706	0.703	0.700	0.695	0.690	0.684	0.679	0.672	0.664	0.656	-1.5%
Biofuels Heat and Coproducts	0.321	0.350	0.367	0.430	0.585	0.579	0.574	0.592	0.611	0.603	0.623	0.611	0.624	9.9%
Renewable Energy 7/	0.155	0.156	0.158	0.159	0.160	0.161	0.162	0.164	0.165	0.166	0.167	0.168	0.169	0.8%
Electricity	0.776	0.774	0.771	0.770	0.765	0.761	0.757	0.754	0.752	0.748	0.744	0.738	0.734	0.1%
Delivered Energy	4.224	4.211	4.208	4.271	4.413	4.397	4.365	4.370	4.379	4.360	4.358	4.321	4.318	0.2%
Electricity Related Losses	1.915	1.894	1.872	1.863	1.853	1.837	1.829	1.818	1.797	1.774	1.757	1.735	1.724	0.0%
Total	6.139	6.105	6.079	6.134	6.267	6.234	6.194	6.188	6.177	6.135	6.115	6.056	6.042	0.1%

Table 3. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)-East North Central - 03

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2006-2030
Transportation														
Liquefied Petroleum Gases	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	-0.5%
E85 8/	0.264	0.274	0.297	0.315	0.330	0.340	0.343	0.357	0.361	0.367	0.371	0.372	0.378	34.3%
Motor Gasoline 2/	2.203	2.167	2.115	2.075	2.038	2.007	1.984	1.952	1.933	1.914	1.897	1.885	1.870	-1.4%
Jet Fuel 9/	0.329	0.333	0.337	0.342	0.346	0.350	0.353	0.357	0.361	0.365	0.368	0.372	0.375	1.5%
Distillate Fuel Oil 10/	1.080	1.091	1.103	1.116	1.128	1.141	1.155	1.169	1.184	1.199	1.215	1.230	1.246	1.2%
Residual Fuel Oil	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	-0.3%
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	43.8%
Other Petroleum 11/	0.024	0.024	0.024	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	-0.3%
Liquid Fuels and Other Petroleum Subtotal	3.906	3.895	3.882	3.876	3.871	3.867	3.865	3.866	3.868	3.874	3.880	3.888	3.899	0.0%
Pipeline Fuel Natural Gas	0.062	0.061	0.061	0.062	0.062	0.062	0.062	0.062	0.062	0.062	0.062	0.062	0.062	-0.1%
Compressed Natural Gas	0.007	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.009	0.009	0.009	0.009	0.009	4.9%
Electricity	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.7%
Delivered Energy	3.977	3.966	3.954	3.949	3.944	3.940	3.939	3.939	3.942	3.947	3.954	3.961	3.973	0.1%
Electricity Related Losses	0.006	0.006	0.006	0.006	0.006	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.6%
Total	3.984	3.972	3.960	3.955	3.950	3.947	3.945	3.946	3.948	3.954	3.961	3.968	3.980	0.1%
Delivered Energy Consumption, All Sectors														
Liquefied Petroleum Gases	0.242	0.242	0.243	0.243	0.244	0.244	0.246	0.246	0.246	0.247	0.248	0.248	0.249	0.2%
E85 8/	0.264	0.274	0.297	0.315	0.330	0.340	0.343	0.357	0.361	0.367	0.371	0.372	0.378	34.3%
Motor Gasoline 2/	2.263	2.226	2.174	2.134	2.097	2.066	2.043	2.012	1.993	1.973	1.956	1.945	1.930	-1.4%
Jet Fuel 9/	0.329	0.333	0.337	0.342	0.346	0.350	0.353	0.357	0.361	0.365	0.368	0.372	0.375	1.5%
Kerosene	0.011	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.009	-0.5%
Distillate Fuel Oil	1.330	1.339	1.349	1.360	1.371	1.383	1.395	1.409	1.423	1.438	1.452	1.466	1.482	0.9%
Residual Fuel Oil	0.022	0.022	0.021	0.021	0.021	0.021	0.020	0.020	0.020	0.020	0.020	0.020	0.019	-1.5%
Petrochemical Feedstocks	0.133	0.131	0.129	0.127	0.125	0.124	0.123	0.121	0.120	0.119	0.118	0.116	0.115	-0.8%
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	43.8%
Other Petroleum 12/	0.618	0.613	0.609	0.608	0.608	0.611	0.608	0.611	0.617	0.623	0.624	0.627	0.634	-0.1%
Liquid Fuels and Other Petroleum Subtotal	5.212	5.190	5.170	5.160	5.152	5.149	5.142	5.144	5.151	5.161	5.167	5.175	5.192	0.0%
Natural Gas	3.376	3.381	3.392	3.407	3.409	3.408	3.401	3.389	3.384	3.377	3.371	3.352	3.341	0.3%
Natural-Gas-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	--
Lease and Plant Fuel 6/	0.012	0.012	0.012	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	-2.2%
Pipeline Natural Gas	0.062	0.061	0.061	0.062	0.062	0.062	0.062	0.062	0.062	0.062	0.062	0.062	0.062	-0.1%
Natural Gas Subtotal	3.449	3.454	3.465	3.480	3.483	3.482	3.474	3.462	3.457	3.450	3.444	3.425	3.414	0.3%
Metallurgical Coal	0.237	0.235	0.233	0.231	0.229	0.226	0.223	0.220	0.216	0.213	0.209	0.204	0.199	-1.5%
Other Coal	0.348	0.348	0.347	0.347	0.347	0.346	0.345	0.345	0.344	0.344	0.343	0.342	0.342	-0.2%
Coal-to-Liquids Heat and Power	0.035	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-27.0%
Net Coal Coke Imports	0.154	0.154	0.154	0.155	0.154	0.154	0.153	0.152	0.151	0.149	0.147	0.144	0.142	-3.2%
Coal Subtotal	0.774	0.744	0.735	0.733	0.730	0.726	0.721	0.717	0.711	0.706	0.699	0.691	0.683	-1.4%
Biofuels Heat and Coproducts	0.321	0.350	0.367	0.430	0.585	0.579	0.574	0.592	0.611	0.603	0.623	0.611	0.624	9.9%
Renewable Energy 13/	0.276	0.276	0.277	0.277	0.278	0.278	0.279	0.279	0.279	0.280	0.280	0.279	0.280	0.2%
Electricity	2.199	2.211	2.220	2.230	2.240	2.251	2.264	2.276	2.291	2.305	2.319	2.329	2.340	0.7%
Delivered Energy	12.232	12.225	12.234	12.310	12.467	12.465	12.453	12.469	12.501	12.505	12.531	12.510	12.533	0.3%
Electricity Related Losses	5.430	5.411	5.388	5.398	5.428	5.433	5.472	5.489	5.479	5.466	5.478	5.472	5.495	0.7%
Total	17.662	17.636	17.622	17.707	17.896	17.898	17.926	17.958	17.979	17.971	18.009	17.981	18.028	0.4%

Table 3. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)-East North Central - 03

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2006-2030
Electric Power 14/														
Distillate Fuel Oil	0.028	0.028	0.029	0.029	0.029	0.029	0.030	0.030	0.030	0.030	0.030	0.030	0.029	-0.2%
Residual Fuel Oil	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-55.2%
Liquid Fuels and Other Petroleum Subtotal	0.028	0.028	0.029	0.029	0.029	0.029	0.030	0.030	0.030	0.030	0.030	0.030	0.029	-0.2%
Natural Gas	0.447	0.397	0.402	0.406	0.420	0.407	0.420	0.422	0.433	0.442	0.452	0.455	0.490	2.7%
Steam Coal	5.112	5.125	5.086	5.089	5.117	5.116	5.133	5.138	5.130	5.121	5.136	5.135	5.225	0.4%
Nuclear Power	1.581	1.581	1.581	1.581	1.581	1.581	1.581	1.581	1.581	1.581	1.581	1.581	1.510	-0.2%
Renewable Energy 15/	0.453	0.483	0.501	0.513	0.511	0.542	0.565	0.586	0.587	0.588	0.590	0.592	0.575	7.7%
Electricity Imports	-0.004	-0.005	-0.004	-0.004	-0.004	-0.004	-0.005	-0.004	-0.004	-0.004	-0.004	-0.006	-0.006	1.0%
Total 16/	7.629	7.622	7.608	7.628	7.668	7.684	7.736	7.764	7.769	7.771	7.797	7.800	7.835	0.7%
Total Energy Consumption														
Liquefied Petroleum Gases	0.242	0.242	0.243	0.243	0.244	0.244	0.246	0.246	0.246	0.247	0.248	0.248	0.249	0.2%
E85 8/	0.264	0.274	0.297	0.315	0.330	0.340	0.343	0.357	0.361	0.367	0.371	0.372	0.378	34.3%
Motor Gasoline 2/	2.263	2.226	2.174	2.134	2.097	2.066	2.043	2.012	1.993	1.973	1.956	1.945	1.930	-1.4%
Jet Fuel 9/	0.329	0.333	0.337	0.342	0.346	0.350	0.353	0.357	0.361	0.365	0.368	0.372	0.375	1.5%
Kerosene	0.011	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.009	-0.5%
Distillate Fuel Oil	1.358	1.366	1.378	1.390	1.400	1.412	1.425	1.438	1.453	1.468	1.482	1.496	1.511	0.9%
Residual Fuel Oil	0.022	0.022	0.021	0.021	0.021	0.021	0.020	0.020	0.020	0.020	0.020	0.020	0.019	-1.6%
Petrochemical Feedstocks	0.133	0.131	0.129	0.127	0.125	0.124	0.123	0.121	0.120	0.119	0.118	0.116	0.115	-0.8%
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	43.8%
Other Petroleum 12/	0.618	0.613	0.609	0.608	0.608	0.611	0.608	0.611	0.617	0.623	0.624	0.627	0.634	-0.1%
Liquid Fuels and Other Petroleum Subtotal	5.240	5.218	5.199	5.189	5.182	5.178	5.171	5.174	5.181	5.191	5.197	5.205	5.221	0.0%
Natural Gas	3.822	3.778	3.794	3.813	3.829	3.816	3.820	3.810	3.817	3.819	3.822	3.807	3.831	0.6%
Natural-Gas-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	--
Lease and Plant Fuel 6/	0.012	0.012	0.012	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	-2.2%
Pipeline Natural Gas	0.062	0.061	0.061	0.062	0.062	0.062	0.062	0.062	0.062	0.062	0.062	0.062	0.062	-0.1%
Natural Gas Subtotal	3.896	3.851	3.867	3.886	3.903	3.889	3.894	3.884	3.890	3.892	3.896	3.880	3.904	0.6%
Metallurgical Coal	0.237	0.235	0.233	0.231	0.229	0.226	0.223	0.220	0.216	0.213	0.209	0.204	0.199	-1.5%
Other Coal	5.460	5.473	5.434	5.436	5.464	5.462	5.478	5.483	5.475	5.465	5.479	5.477	5.566	0.4%
Coal-to-Liquids Heat and Power	0.035	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-27.0%
Net Coal Coke Imports	0.154	0.154	0.154	0.155	0.154	0.154	0.153	0.152	0.151	0.149	0.147	0.144	0.142	-3.2%
Coal Subtotal	5.886	5.869	5.821	5.822	5.847	5.842	5.854	5.855	5.842	5.827	5.835	5.826	5.907	0.2%
Nuclear Power	1.581	1.581	1.581	1.581	1.581	1.581	1.581	1.581	1.581	1.581	1.581	1.581	1.510	-0.2%
Biofuels Heat and Coproducts	0.321	0.350	0.367	0.430	0.585	0.579	0.574	0.592	0.611	0.603	0.623	0.611	0.624	9.9%
Renewable Energy 17/	0.729	0.759	0.778	0.791	0.789	0.820	0.843	0.865	0.866	0.868	0.870	0.872	0.855	3.7%
Electricity Imports	-0.004	-0.005	-0.004	-0.004	-0.004	-0.004	-0.005	-0.004	-0.004	-0.004	-0.004	-0.006	-0.006	1.0%
Total	17.662	17.636	17.622	17.707	17.896	17.898	17.926	17.958	17.979	17.971	18.009	17.981	18.028	0.4%
Energy Use & Related Statistics														
Delivered Energy Use	12.232	12.225	12.234	12.310	12.467	12.465	12.453	12.469	12.501	12.505	12.531	12.510	12.533	0.3%
Total Energy Use	17.662	17.636	17.622	17.707	17.896	17.898	17.926	17.958	17.979	17.971	18.009	17.981	18.028	0.4%
Population (millions)	48.327	48.411	48.486	48.552	48.611	48.662	48.706	48.743	48.778	48.812	48.845	48.876	48.906	0.2%
Carbon Dioxide Emissions (million metric tons)	1087.88	1082.68	1076.99	1076.29	1079.00	1077.57	1078.84	1077.99	1077.59	1076.96	1078.17	1076.85	1086.94	0.1%

Table 3. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)-East North Central - 03

1/ Includes wood used for residential heating. See Table 4 and/or Table 17 for estimates of nonmarketed renewable energy consumption for geothermal heat pumps, solar thermal hot water heating, and solar photovoltaic electricity generation.

2/ Includes ethanol (blends of 10 percent or less) and ethers blended into gasoline.

3/ Includes commercial sector consumption of wood and wood waste, landfill gas, municipal solid waste, and other biomass for combined heat and power.

4/ Includes energy for combined heat and power plants, except those whose primary business is to sell electricity, or electricity and heat, to the public.

5/ Includes petroleum coke, asphalt, road oil, lubricants, still gas, and miscellaneous petroleum products.

6/ Represents natural gas used in well, field, and lease operations, and in natural gas processing plant machinery.

7/ Includes consumption of energy produced from hydroelectric, wood and wood waste, municipal solid waste, and other biomass sources.

8/ E85 refers to a blend of 85 percent ethanol (renewable) and 15 percent motor gasoline (nonrenewable). To address cold starting issues, the percentage of ethanol varies seasonally. The annual average ethanol content of 74 percent is used for this forecast.

9/ Includes only kerosene type.

10/ Diesel fuel for on- and off- road use.

11/ Includes aviation gasoline and lubricants.

12/ Includes unfinished oils, natural gasoline, motor gasoline blending components, aviation gasoline, lubricants, still gas, asphalt, road oil, petroleum coke, and miscellaneous petroleum products.

13/ Includes electricity generated for sale to the grid and for own use from renewable sources, and non-electric energy from renewable sources. Excludes nonmarketed renewable energy consumption for geothermal heat pumps, buildings photovoltaic systems, and solar thermal hot water heaters.

14/ Includes consumption of energy by electricity-only and combined heat and power plants whose primary business is to sell electricity, or electricity and heat, to the public. Includes small power producers and exempt wholesale generators.

15/ Includes conventional hydroelectric, geothermal, wood and wood waste, biogenic municipal solid waste, other biomass, petroleum coke, wind, photovoltaic and solar thermal sources. Excludes net electricity imports.

16/ Includes non-biogenic municipal waste not included above.

17/ Includes hydroelectric, geothermal, wood and wood waste, biogenic municipal solid waste, other biomass, wind, photovoltaic and solar thermal sources. Includes ethanol components of E85; excludes ethanol blends (10 percent or less) in motor gasoline. Excludes net electricity imports and nonmarketed renewable energy consumption for geothermal heat pumps, buildings photovoltaic systems, and solar thermal hot water heaters.

Btu = British thermal unit.

-- = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Data for 2005 and 2006 are model results and may differ slightly from official EIA data reports. Consumption values of 0.00 are values that round to 0.00, because they are less than 0.005.

Sources: 2005 and 2006 consumption based on: Energy Information Administration (EIA), Annual Energy Review 2006, DOE/EIA-0384(2006) (Washington, DC, June 2007).

2005 and 2006 population and gross domestic product: Global Insight, Global Insight Industry and Employment models, July 2007. 2005 and 2006 carbon dioxide emissions:

EIA, Emissions of Greenhouse Gases in the United States 2006, DOE/EIA-0573(2006) (Washington, DC, December 2007). Projections: EIA, AEO2008 National Energy

Modeling System run aeo2008.d030208f.

Table 4. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)-West North Central - 04

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Residential													
Liquefied Petroleum Gases	0.079	0.070	0.077	0.078	0.072	0.071	0.071	0.070	0.070	0.069	0.069	0.069	0.068
Kerosene	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Distillate Fuel Oil	0.021	0.019	0.022	0.023	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.021
Liquid Fuels and Other Petroleum Subtotal	0.101	0.089	0.100	0.102	0.094	0.092	0.092	0.092	0.092	0.091	0.091	0.091	0.090
Natural Gas	0.440	0.399	0.437	0.452	0.448	0.443	0.445	0.449	0.449	0.451	0.453	0.455	0.454
Coal	0.001	0.001	0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Renewable Energy 1/	0.037	0.033	0.040	0.043	0.039	0.037	0.037	0.036	0.036	0.035	0.035	0.035	0.034
Electricity	0.342	0.341	0.356	0.353	0.359	0.363	0.364	0.366	0.357	0.356	0.356	0.358	0.359
Delivered Energy	0.922	0.863	0.934	0.952	0.941	0.936	0.939	0.944	0.935	0.935	0.936	0.940	0.939
Electricity Related Losses	0.836	0.823	0.839	0.837	0.881	0.871	0.866	0.869	0.861	0.859	0.855	0.858	0.861
Total	1.757	1.686	1.773	1.789	1.822	1.808	1.805	1.814	1.796	1.794	1.791	1.798	1.800
Commercial													
Liquefied Petroleum Gases	0.012	0.012	0.013	0.013	0.010	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013
Motor Gasoline 2/	0.008	0.008	0.008	0.008	0.009	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
Kerosene	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Distillate Fuel Oil	0.018	0.017	0.017	0.017	0.015	0.016	0.016	0.016	0.016	0.017	0.017	0.017	0.017
Residual Fuel Oil	0.003	0.003	0.003	0.003	0.003	0.002	0.002	0.003	0.003	0.003	0.003	0.003	0.003
Liquid Fuels and Other Petroleum Subtotal	0.041	0.040	0.042	0.041	0.037	0.039	0.040	0.041	0.041	0.041	0.041	0.041	0.042
Natural Gas	0.287	0.270	0.289	0.295	0.280	0.281	0.287	0.292	0.296	0.301	0.305	0.308	0.311
Coal	0.010	0.010	0.008	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010
Renewable Energy 3/	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
Electricity	0.321	0.326	0.334	0.332	0.339	0.342	0.345	0.350	0.356	0.362	0.368	0.374	0.380
Delivered Energy	0.666	0.654	0.681	0.686	0.674	0.680	0.689	0.700	0.710	0.721	0.731	0.741	0.750
Electricity Related Losses	0.786	0.787	0.788	0.786	0.833	0.820	0.823	0.832	0.859	0.874	0.883	0.896	0.911
Total	1.452	1.441	1.469	1.472	1.507	1.500	1.512	1.532	1.569	1.594	1.614	1.637	1.661
Industrial 4/													
Liquefied Petroleum Gases	0.139	0.139	0.142	0.143	0.140	0.138	0.136	0.134	0.131	0.129	0.127	0.125	0.123
Motor Gasoline 2/	0.049	0.048	0.048	0.049	0.047	0.048	0.048	0.048	0.047	0.047	0.047	0.047	0.047
Distillate Fuel Oil	0.189	0.191	0.198	0.204	0.195	0.196	0.196	0.193	0.188	0.187	0.187	0.186	0.185
Residual Fuel Oil	0.014	0.014	0.015	0.014	0.014	0.013	0.012	0.012	0.011	0.011	0.013	0.013	0.012
Petrochemical Feedstocks	0.030	0.030	0.027	0.027	0.028	0.029	0.029	0.030	0.030	0.030	0.030	0.029	0.029
Other Petroleum 5/	0.261	0.250	0.242	0.246	0.207	0.238	0.244	0.243	0.245	0.244	0.243	0.242	0.241
Liquid Fuels and Other Petroleum Subtotal	0.682	0.672	0.671	0.684	0.630	0.662	0.666	0.659	0.652	0.648	0.647	0.643	0.637
Natural Gas	0.422	0.454	0.470	0.497	0.551	0.585	0.606	0.604	0.594	0.602	0.618	0.627	0.638
Natural-Gas-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Lease and Plant Fuel 6/	0.029	0.029	0.030	0.029	0.029	0.030	0.030	0.029	0.029	0.028	0.028	0.028	0.028
Natural Gas Subtotal	0.450	0.483	0.500	0.527	0.580	0.614	0.636	0.633	0.622	0.630	0.646	0.655	0.665
Metallurgical Coal	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Other Industrial Coal	0.146	0.146	0.154	0.162	0.150	0.147	0.144	0.140	0.135	0.134	0.133	0.133	0.132
Coal-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.046	0.046	0.046	0.046	0.064	0.081	0.098
Net Coal Coke Imports	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Coal Subtotal	0.146	0.146	0.154	0.162	0.150	0.147	0.190	0.186	0.182	0.181	0.197	0.214	0.231
Biofuels Heat and Coproducts	0.182	0.223	0.300	0.458	0.319	0.405	0.442	0.442	0.478	0.508	0.548	0.567	0.603
Renewable Energy 7/	0.072	0.071	0.072	0.073	0.070	0.071	0.072	0.073	0.073	0.073	0.074	0.075	0.075
Electricity	0.279	0.289	0.294	0.304	0.280	0.290	0.296	0.297	0.296	0.297	0.300	0.302	0.303
Delivered Energy	1.812	1.885	1.993	2.208	2.030	2.189	2.302	2.290	2.303	2.337	2.412	2.456	2.513
Electricity Related Losses	0.682	0.697	0.693	0.721	0.687	0.695	0.704	0.705	0.715	0.718	0.720	0.723	0.727
Total	2.493	2.582	2.685	2.928	2.717	2.884	3.007	2.995	3.018	3.055	3.132	3.178	3.241

Table 4. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)-West North Central - 04

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Transportation													
Liquefied Petroleum Gases	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
E85 8/	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.086	0.097	0.107
Motor Gasoline 2/	1.266	1.279	1.288	1.288	1.292	1.299	1.304	1.313	1.320	1.325	1.229	1.218	1.205
Jet Fuel 9/	0.165	0.132	0.134	0.137	0.140	0.143	0.147	0.150	0.151	0.153	0.155	0.158	0.160
Distillate Fuel Oil 10/	0.530	0.547	0.555	0.553	0.559	0.575	0.591	0.601	0.607	0.612	0.619	0.626	0.631
Residual Fuel Oil	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Other Petroleum 11/	0.014	0.013	0.013	0.012	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013
Liquid Fuels and Other Petroleum Subtotal	1.979	1.975	1.993	1.995	2.007	2.034	2.058	2.080	2.095	2.107	2.105	2.114	2.118
Pipeline Fuel Natural Gas	0.091	0.090	0.099	0.098	0.102	0.103	0.103	0.103	0.101	0.101	0.101	0.101	0.100
Compressed Natural Gas	0.001	0.002	0.002	0.002	0.003	0.003	0.004	0.004	0.005	0.005	0.006	0.006	0.006
Electricity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Delivered Energy	2.072	2.067	2.094	2.096	2.112	2.140	2.165	2.188	2.202	2.213	2.212	2.221	2.224
Electricity Related Losses	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000
Total	2.072	2.068	2.095	2.096	2.113	2.140	2.166	2.188	2.202	2.214	2.212	2.221	2.224
Delivered Energy Consumption, All Sectors													
Liquefied Petroleum Gases	0.230	0.222	0.233	0.235	0.224	0.223	0.221	0.218	0.215	0.212	0.210	0.208	0.205
E85 8/	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.086	0.097	0.107
Motor Gasoline 2/	1.322	1.335	1.344	1.345	1.348	1.355	1.361	1.369	1.376	1.380	1.284	1.274	1.260
Jet Fuel 9/	0.165	0.132	0.134	0.137	0.140	0.143	0.147	0.150	0.151	0.153	0.155	0.158	0.160
Kerosene	0.002	0.001	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.001
Distillate Fuel Oil	0.759	0.773	0.791	0.797	0.791	0.807	0.824	0.831	0.833	0.837	0.843	0.850	0.853
Residual Fuel Oil	0.019	0.019	0.020	0.020	0.019	0.018	0.017	0.017	0.016	0.016	0.018	0.018	0.017
Petrochemical Feedstocks	0.030	0.030	0.027	0.027	0.028	0.029	0.029	0.030	0.030	0.030	0.030	0.029	0.029
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Other Petroleum 12/	0.275	0.263	0.255	0.258	0.219	0.251	0.256	0.255	0.257	0.257	0.256	0.255	0.253
Liquid Fuels and Other Petroleum Subtotal	2.803	2.777	2.805	2.822	2.769	2.827	2.856	2.872	2.879	2.887	2.884	2.889	2.886
Natural Gas	1.150	1.125	1.198	1.247	1.282	1.312	1.342	1.349	1.344	1.359	1.381	1.396	1.409
Natural-Gas-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Lease and Plant Fuel 6/	0.029	0.029	0.030	0.029	0.029	0.030	0.030	0.029	0.029	0.028	0.028	0.028	0.028
Pipeline Natural Gas	0.091	0.090	0.099	0.098	0.102	0.103	0.103	0.103	0.101	0.101	0.101	0.101	0.100
Natural Gas Subtotal	1.270	1.244	1.327	1.374	1.414	1.445	1.475	1.481	1.474	1.488	1.510	1.525	1.536
Metallurgical Coal	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Other Coal	0.158	0.157	0.164	0.173	0.162	0.159	0.155	0.151	0.147	0.145	0.144	0.144	0.143
Coal-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.046	0.046	0.046	0.046	0.064	0.081	0.098
Net Coal Coke Imports	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Coal Subtotal	0.158	0.157	0.164	0.173	0.162	0.159	0.201	0.197	0.193	0.192	0.208	0.225	0.242
Biofuels Heat and Coproducts	0.182	0.223	0.300	0.458	0.319	0.405	0.442	0.442	0.478	0.508	0.548	0.567	0.603
Renewable Energy 13/	0.117	0.112	0.120	0.124	0.116	0.116	0.116	0.117	0.116	0.117	0.117	0.117	0.117
Electricity	0.942	0.957	0.985	0.990	0.978	0.994	1.005	1.013	1.009	1.015	1.024	1.035	1.042
Delivered Energy	5.471	5.469	5.701	5.941	5.757	5.945	6.096	6.122	6.149	6.206	6.291	6.358	6.426
Electricity Related Losses	2.304	2.307	2.321	2.345	2.401	2.387	2.394	2.407	2.435	2.451	2.459	2.477	2.501
Total	7.775	7.777	8.022	8.286	8.158	8.332	8.490	8.529	8.585	8.656	8.750	8.835	8.926

Table 4. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)-West North Central - 04

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Electric Power 14/													
Distillate Fuel Oil	0.015	0.005	0.017	0.017	0.018	0.018	0.016	0.016	0.016	0.015	0.015	0.015	0.015
Residual Fuel Oil	0.010	0.004	0.012	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Liquid Fuels and Other Petroleum Subtotal	0.025	0.009	0.029	0.018	0.018	0.019	0.016	0.016	0.016	0.015	0.015	0.015	0.015
Natural Gas	0.106	0.110	0.038	0.052	0.071	0.076	0.076	0.080	0.078	0.081	0.082	0.084	0.085
Steam Coal	2.486	2.452	2.502	2.497	2.517	2.517	2.540	2.551	2.568	2.592	2.618	2.635	2.662
Nuclear Power	0.480	0.478	0.481	0.480	0.477	0.477	0.477	0.477	0.477	0.477	0.477	0.477	0.477
Renewable Energy 15/	0.114	0.180	0.208	0.240	0.254	0.263	0.262	0.263	0.268	0.267	0.269	0.274	0.274
Electricity Imports	0.030	0.030	0.043	0.043	0.037	0.025	0.023	0.028	0.032	0.029	0.018	0.021	0.025
Total 16/	3.246	3.264	3.305	3.335	3.379	3.381	3.399	3.420	3.444	3.466	3.483	3.511	3.543
Total Energy Consumption													
Liquefied Petroleum Gases	0.230	0.222	0.233	0.235	0.224	0.223	0.221	0.218	0.215	0.212	0.210	0.208	0.205
E85 8/	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.086	0.097	0.107
Motor Gasoline 2/	1.322	1.335	1.344	1.345	1.348	1.355	1.361	1.369	1.376	1.380	1.284	1.274	1.260
Jet Fuel 9/	0.165	0.132	0.134	0.137	0.140	0.143	0.147	0.150	0.151	0.153	0.155	0.158	0.160
Kerosene	0.002	0.001	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.001
Distillate Fuel Oil	0.774	0.778	0.808	0.814	0.809	0.826	0.839	0.847	0.849	0.852	0.858	0.865	0.868
Residual Fuel Oil	0.029	0.023	0.032	0.020	0.019	0.018	0.017	0.017	0.016	0.016	0.018	0.018	0.017
Petrochemical Feedstocks	0.030	0.030	0.027	0.027	0.028	0.029	0.029	0.030	0.030	0.030	0.030	0.029	0.029
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Other Petroleum 12/	0.275	0.263	0.255	0.258	0.219	0.251	0.256	0.255	0.257	0.257	0.256	0.255	0.253
Liquid Fuels and Other Petroleum Subtotal	2.828	2.786	2.834	2.839	2.787	2.846	2.872	2.888	2.896	2.902	2.899	2.904	2.901
Natural Gas	1.256	1.235	1.236	1.298	1.353	1.388	1.418	1.428	1.422	1.440	1.463	1.481	1.494

Table 4. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)-West North Central - 04

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Natural-Gas-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Lease and Plant Fuel 6/	0.029	0.029	0.030	0.029	0.029	0.030	0.030	0.029	0.029	0.028	0.028	0.028	0.028
Pipeline Natural Gas	0.091	0.090	0.099	0.098	0.102	0.103	0.103	0.103	0.101	0.101	0.101	0.101	0.100
Natural Gas Subtotal	1.376	1.354	1.366	1.426	1.485	1.521	1.551	1.560	1.552	1.569	1.592	1.609	1.621
Metallurgical Coal	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Other Coal	2.643	2.609	2.665	2.670	2.678	2.676	2.695	2.702	2.715	2.737	2.762	2.779	2.806
Coal-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.046	0.046	0.046	0.046	0.064	0.081	0.098
Net Coal Coke Imports	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Coal Subtotal	2.643	2.609	2.665	2.671	2.678	2.676	2.742	2.749	2.761	2.783	2.826	2.860	2.904
Nuclear Power	0.480	0.478	0.481	0.480	0.477	0.477	0.477	0.477	0.477	0.477	0.477	0.477	0.477
Biofuels Heat and Coproducts	0.182	0.223	0.300	0.458	0.319	0.405	0.442	0.442	0.478	0.508	0.548	0.567	0.603
Renewable Energy 17/	0.231	0.292	0.328	0.363	0.370	0.379	0.379	0.380	0.384	0.384	0.386	0.391	0.391
Electricity Imports	0.030	0.030	0.043	0.043	0.037	0.025	0.023	0.028	0.032	0.029	0.018	0.021	0.025
Total	7.775	7.777	8.022	8.286	8.158	8.332	8.490	8.529	8.585	8.656	8.750	8.835	8.926
Energy Use & Related Statistics													
Delivered Energy Use	5.471	5.469	5.701	5.941	5.757	5.945	6.096	6.122	6.149	6.206	6.291	6.358	6.426
Total Energy Use	7.775	7.777	8.022	8.286	8.158	8.332	8.490	8.529	8.585	8.656	8.750	8.835	8.926
Population (millions)	19.939	20.054	20.162	20.269	20.373	20.476	20.578	20.677	20.775	20.870	20.962	21.050	21.136
Carbon Dioxide Emissions (million metric tons)	511.17	502.71	511.12	514.05	514.08	518.65	527.91	530.47	532.16	535.45	536.95	541.24	545.71

Table 4. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)-West North Central - 04

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2006-2030
Residential														
Liquefied Petroleum Gases	0.068	0.067	0.067	0.067	0.066	0.066	0.066	0.065	0.065	0.064	0.064	0.064	0.064	-0.4%
Kerosene	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	-0.2%
Distillate Fuel Oil	0.021	0.020	0.020	0.020	0.020	0.020	0.019	0.019	0.019	0.019	0.019	0.018	0.018	-0.1%
Liquid Fuels and Other Petroleum Subtotal	0.089	0.089	0.088	0.087	0.087	0.086	0.086	0.085	0.085	0.084	0.084	0.083	0.083	-0.3%
Natural Gas	0.454	0.454	0.456	0.456	0.456	0.455	0.455	0.452	0.451	0.449	0.448	0.445	0.443	0.4%
Coal	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	-0.1%
Renewable Energy 1/	0.034	0.034	0.034	0.034	0.034	0.033	0.033	0.033	0.033	0.033	0.033	0.033	0.032	-0.1%
Electricity	0.361	0.362	0.363	0.363	0.366	0.368	0.372	0.374	0.377	0.381	0.385	0.387	0.391	0.6%
Delivered Energy	0.939	0.940	0.943	0.942	0.943	0.944	0.947	0.945	0.947	0.948	0.951	0.949	0.949	0.4%
Electricity Related Losses	0.873	0.887	0.904	0.914	0.921	0.930	0.944	0.953	0.961	0.971	0.987	0.981	0.987	0.8%
Total	1.812	1.827	1.846	1.855	1.864	1.874	1.891	1.898	1.908	1.918	1.938	1.930	1.936	0.6%
Commercial														
Liquefied Petroleum Gases	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.3%
Motor Gasoline 2/	0.008	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.4%
Kerosene	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0%
Distillate Fuel Oil	0.017	0.017	0.017	0.017	0.017	0.017	0.017	0.017	0.017	0.017	0.017	0.017	0.017	0.1%
Residual Fuel Oil	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	-0.4%
Liquid Fuels and Other Petroleum Subtotal	0.042	0.042	0.042	0.042	0.042	0.042	0.042	0.042	0.042	0.042	0.042	0.042	0.042	0.2%
Natural Gas	0.313	0.316	0.319	0.323	0.325	0.328	0.329	0.331	0.333	0.335	0.336	0.338	0.340	1.0%
Coal	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.0%
Renewable Energy 3/	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.0%
Electricity	0.385	0.391	0.396	0.402	0.407	0.413	0.419	0.424	0.430	0.436	0.441	0.447	0.452	1.4%
Delivered Energy	0.758	0.765	0.774	0.784	0.792	0.800	0.807	0.815	0.822	0.830	0.837	0.844	0.851	1.1%
Electricity Related Losses	0.932	0.957	0.986	1.010	1.026	1.044	1.064	1.081	1.096	1.111	1.130	1.131	1.142	1.6%
Total	1.690	1.722	1.760	1.794	1.819	1.844	1.871	1.896	1.918	1.940	1.967	1.975	1.993	1.4%
Industrial 4/														
Liquefied Petroleum Gases	0.121	0.118	0.116	0.115	0.114	0.112	0.111	0.110	0.109	0.108	0.107	0.105	0.104	-1.2%
Motor Gasoline 2/	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.046	-0.2%
Distillate Fuel Oil	0.183	0.182	0.180	0.179	0.177	0.176	0.175	0.175	0.175	0.175	0.174	0.174	0.174	-0.4%
Residual Fuel Oil	0.011	0.011	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.009	0.009	-1.8%
Petrochemical Feedstocks	0.029	0.028	0.028	0.027	0.027	0.027	0.027	0.026	0.026	0.026	0.025	0.025	0.025	-0.8%
Other Petroleum 5/	0.239	0.237	0.236	0.236	0.236	0.237	0.236	0.238	0.241	0.243	0.243	0.245	0.247	0.0%
Liquid Fuels and Other Petroleum Subtotal	0.630	0.622	0.616	0.613	0.610	0.608	0.605	0.605	0.606	0.607	0.605	0.604	0.605	-0.4%
Natural Gas	0.644	0.643	0.639	0.645	0.644	0.643	0.640	0.632	0.630	0.627	0.625	0.622	0.619	1.3%
Natural-Gas-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	--
Lease and Plant Fuel 6/	0.028	0.027	0.026	0.025	0.026	0.026	0.026	0.027	0.027	0.027	0.028	0.028	0.028	-0.1%
Natural Gas Subtotal	0.672	0.671	0.665	0.670	0.670	0.669	0.666	0.659	0.657	0.655	0.652	0.650	0.647	1.2%
Metallurgical Coal	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	--
Other Industrial Coal	0.131	0.131	0.131	0.131	0.131	0.130	0.130	0.130	0.129	0.129	0.129	0.129	0.128	-0.5%
Coal-to-Liquids Heat and Power	0.146	0.157	0.158	0.158	0.158	0.158	0.158	0.158	0.158	0.158	0.158	0.158	0.158	48.0%
Net Coal Coke Imports	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	--
Coal Subtotal	0.277	0.288	0.289	0.289	0.289	0.289	0.288	0.288	0.288	0.287	0.287	0.287	0.286	2.9%
Biofuels Heat and Coproducts	0.636	0.674	0.693	0.774	0.870	0.915	0.979	1.026	1.049	1.057	1.037	1.043	1.029	6.6%
Renewable Energy 7/	0.076	0.076	0.076	0.077	0.077	0.078	0.078	0.078	0.079	0.079	0.079	0.080	0.080	0.5%
Electricity	0.303	0.303	0.301	0.301	0.299	0.298	0.297	0.295	0.294	0.293	0.291	0.290	0.288	0.0%
Delivered Energy	2.593	2.634	2.641	2.724	2.815	2.856	2.913	2.951	2.973	2.978	2.953	2.953	2.936	1.9%
Electricity Related Losses	0.734	0.742	0.750	0.757	0.754	0.753	0.754	0.752	0.750	0.748	0.747	0.734	0.728	0.2%
Total	3.328	3.375	3.392	3.481	3.569	3.609	3.667	3.703	3.723	3.726	3.700	3.687	3.664	1.5%

Table 4. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)-West North Central - 04

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2006-2030
Transportation														
Liquefied Petroleum Gases	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	-0.4%
E85 8/	0.116	0.121	0.131	0.138	0.146	0.151	0.154	0.160	0.162	0.165	0.167	0.169	0.171	35.5%
Motor Gasoline 2/	1.189	1.173	1.150	1.131	1.114	1.100	1.089	1.074	1.065	1.057	1.049	1.044	1.038	-0.9%
Jet Fuel 9/	0.162	0.164	0.166	0.168	0.170	0.172	0.174	0.176	0.178	0.180	0.181	0.183	0.185	1.4%
Distillate Fuel Oil 10/	0.636	0.642	0.650	0.657	0.664	0.672	0.679	0.687	0.696	0.705	0.713	0.722	0.731	1.2%
Residual Fuel Oil	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	-0.1%
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	44.6%
Other Petroleum 11/	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	-0.2%
Liquid Fuels and Other Petroleum Subtotal	2.119	2.117	2.112	2.111	2.110	2.110	2.112	2.113	2.117	2.122	2.127	2.133	2.141	0.3%
Pipeline Fuel Natural Gas	0.099	0.098	0.099	0.101	0.102	0.102	0.103	0.103	0.103	0.102	0.103	0.102	0.102	0.5%
Compressed Natural Gas	0.006	0.007	0.007	0.007	0.007	0.007	0.008	0.008	0.008	0.008	0.008	0.008	0.008	6.5%
Electricity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.2%
Delivered Energy	2.225	2.222	2.218	2.219	2.219	2.220	2.222	2.224	2.228	2.232	2.238	2.244	2.251	0.4%
Electricity Related Losses	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.0%
Total	2.226	2.223	2.219	2.220	2.220	2.220	2.223	2.225	2.228	2.233	2.239	2.244	2.252	0.4%
Delivered Energy Consumption, All Sectors														
Liquefied Petroleum Gases	0.202	0.199	0.197	0.195	0.194	0.192	0.191	0.189	0.188	0.186	0.185	0.183	0.182	-0.8%
E85 8/	0.116	0.121	0.131	0.138	0.146	0.151	0.154	0.160	0.162	0.165	0.167	0.169	0.171	35.5%
Motor Gasoline 2/	1.244	1.227	1.204	1.186	1.169	1.154	1.143	1.129	1.120	1.111	1.104	1.098	1.092	-0.8%
Jet Fuel 9/	0.162	0.164	0.166	0.168	0.170	0.172	0.174	0.176	0.178	0.180	0.181	0.183	0.185	1.4%
Kerosene	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	-0.1%
Distillate Fuel Oil	0.858	0.862	0.867	0.873	0.878	0.884	0.891	0.899	0.907	0.915	0.923	0.931	0.940	0.8%
Residual Fuel Oil	0.016	0.016	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.014	0.014	0.014	-1.3%
Petrochemical Feedstocks	0.029	0.028	0.028	0.027	0.027	0.027	0.027	0.026	0.026	0.026	0.025	0.025	0.025	-0.8%
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	44.6%
Other Petroleum 12/	0.252	0.250	0.248	0.248	0.248	0.249	0.249	0.251	0.253	0.255	0.256	0.257	0.260	-0.1%
Liquid Fuels and Other Petroleum Subtotal	2.880	2.869	2.858	2.853	2.849	2.846	2.844	2.845	2.850	2.855	2.858	2.862	2.871	0.1%
Natural Gas	1.418	1.420	1.421	1.430	1.432	1.432	1.431	1.423	1.421	1.419	1.417	1.413	1.410	0.9%
Natural-Gas-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	--
Lease and Plant Fuel 6/	0.028	0.027	0.026	0.025	0.026	0.026	0.026	0.027	0.027	0.027	0.028	0.028	0.028	-0.1%
Pipeline Natural Gas	0.099	0.098	0.099	0.101	0.102	0.102	0.103	0.103	0.103	0.102	0.103	0.102	0.102	0.5%
Natural Gas Subtotal	1.545	1.546	1.546	1.556	1.560	1.560	1.560	1.552	1.551	1.549	1.548	1.543	1.539	0.9%
Metallurgical Coal	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	--
Other Coal	0.143	0.142	0.142	0.142	0.142	0.142	0.141	0.141	0.141	0.140	0.140	0.140	0.139	-0.5%
Coal-to-Liquids Heat and Power	0.146	0.157	0.158	0.158	0.158	0.158	0.158	0.158	0.158	0.158	0.158	0.158	0.158	48.0%
Net Coal Coke Imports	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	--
Coal Subtotal	0.288	0.300	0.300	0.300	0.300	0.300	0.299	0.299	0.299	0.298	0.298	0.298	0.297	2.7%
Biofuels Heat and Coproducts	0.636	0.674	0.693	0.774	0.870	0.915	0.979	1.026	1.049	1.057	1.037	1.043	1.029	6.6%
Renewable Energy 13/	0.117	0.118	0.118	0.118	0.118	0.119	0.119	0.119	0.119	0.120	0.120	0.120	0.120	0.3%
Electricity	1.049	1.056	1.061	1.067	1.073	1.079	1.087	1.094	1.102	1.110	1.118	1.124	1.131	0.7%
Delivered Energy	6.516	6.561	6.576	6.669	6.770	6.819	6.889	6.935	6.970	6.988	6.979	6.989	6.988	1.0%
Electricity Related Losses	2.540	2.586	2.640	2.681	2.701	2.727	2.763	2.786	2.808	2.829	2.865	2.847	2.858	0.9%
Total	9.055	9.148	9.217	9.350	9.471	9.547	9.652	9.721	9.778	9.817	9.844	9.836	9.845	1.0%

Table 4. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)-West North Central - 04

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2006-2030
Electric Power 14/														
Distillate Fuel Oil	0.015	0.016	0.018	0.018	0.020	0.021	0.022	0.022	0.022	0.023	0.023	0.023	0.023	6.1%
Residual Fuel Oil	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-15.0%
Liquid Fuels and Other Petroleum Subtotal	0.015	0.016	0.018	0.018	0.020	0.022	0.022	0.022	0.022	0.023	0.023	0.023	0.023	3.8%
Natural Gas	0.083	0.075	0.084	0.093	0.083	0.076	0.077	0.074	0.070	0.071	0.086	0.070	0.072	-1.8%
Steam Coal	2.705	2.759	2.813	2.852	2.887	2.924	2.964	2.997	3.030	3.057	3.083	3.079	3.098	1.0%
Nuclear Power	0.477	0.477	0.477	0.477	0.477	0.477	0.477	0.477	0.477	0.477	0.477	0.477	0.477	0.0%
Renewable Energy 15/	0.280	0.283	0.283	0.281	0.279	0.279	0.279	0.279	0.280	0.281	0.283	0.283	0.277	1.8%
Electricity Imports	0.024	0.028	0.022	0.023	0.023	0.025	0.027	0.026	0.026	0.026	0.026	0.035	0.037	1.0%
Total 16/	3.589	3.642	3.701	3.748	3.774	3.807	3.850	3.880	3.910	3.939	3.983	3.971	3.988	0.8%
Total Energy Consumption														
Liquefied Petroleum Gases	0.202	0.199	0.197	0.195	0.194	0.192	0.191	0.189	0.188	0.186	0.185	0.183	0.182	-0.8%
E85 8/	0.116	0.121	0.131	0.138	0.146	0.151	0.154	0.160	0.162	0.165	0.167	0.169	0.171	35.5%
Motor Gasoline 2/	1.244	1.227	1.204	1.186	1.169	1.154	1.143	1.129	1.120	1.111	1.104	1.098	1.092	-0.8%
Jet Fuel 9/	0.162	0.164	0.166	0.168	0.170	0.172	0.174	0.176	0.178	0.180	0.181	0.183	0.185	1.4%
Kerosene	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	-0.1%
Distillate Fuel Oil	0.872	0.878	0.885	0.891	0.898	0.906	0.913	0.921	0.929	0.938	0.946	0.953	0.962	0.9%
Residual Fuel Oil	0.016	0.016	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.014	0.014	0.014	-2.0%
Petrochemical Feedstocks	0.029	0.028	0.028	0.027	0.027	0.027	0.027	0.026	0.026	0.026	0.025	0.025	0.025	-0.8%
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	44.6%
Other Petroleum 12/	0.252	0.250	0.248	0.248	0.248	0.249	0.249	0.251	0.253	0.255	0.256	0.257	0.260	-0.1%
Liquid Fuels and Other Petroleum Subtotal	2.895	2.885	2.876	2.871	2.869	2.868	2.866	2.868	2.872	2.877	2.881	2.885	2.894	0.2%
Natural Gas	1.501	1.495	1.505	1.523	1.515	1.508	1.508	1.496	1.491	1.490	1.503	1.482	1.481	0.8%

Table 4. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)-West North Central - 04

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2006-2030
Natural-Gas-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	--
Lease and Plant Fuel 6/	0.028	0.027	0.026	0.025	0.026	0.026	0.026	0.027	0.027	0.027	0.028	0.028	0.028	-0.1%
Pipeline Natural Gas	0.099	0.098	0.099	0.101	0.102	0.102	0.103	0.103	0.103	0.102	0.103	0.102	0.102	0.5%
Natural Gas Subtotal	1.628	1.620	1.630	1.649	1.643	1.637	1.637	1.626	1.621	1.620	1.634	1.612	1.611	0.7%
Metallurgical Coal	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	--
Other Coal	2.848	2.901	2.955	2.993	3.029	3.066	3.105	3.138	3.170	3.197	3.223	3.219	3.237	0.9%
Coal-to-Liquids Heat and Power	0.146	0.157	0.158	0.158	0.158	0.158	0.158	0.158	0.158	0.158	0.158	0.158	0.158	48.0%
Net Coal Coke Imports	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	--
Coal Subtotal	2.994	3.058	3.113	3.152	3.187	3.224	3.264	3.296	3.328	3.355	3.381	3.377	3.396	1.1%
Nuclear Power	0.477	0.477	0.477	0.477	0.477	0.477	0.477	0.477	0.477	0.477	0.477	0.477	0.477	0.0%
Biofuels Heat and Coproducts	0.636	0.674	0.693	0.774	0.870	0.915	0.979	1.026	1.049	1.057	1.037	1.043	1.029	6.6%
Renewable Energy 17/	0.397	0.401	0.401	0.399	0.397	0.397	0.398	0.398	0.399	0.400	0.403	0.402	0.397	1.3%
Electricity Imports	0.024	0.028	0.022	0.023	0.023	0.025	0.027	0.026	0.026	0.026	0.026	0.035	0.037	1.0%
Total	9.055	9.148	9.217	9.350	9.471	9.547	9.652	9.721	9.778	9.817	9.844	9.836	9.845	1.0%
Energy Use & Related Statistics														
Delivered Energy Use	6.516	6.561	6.576	6.669	6.770	6.819	6.889	6.935	6.970	6.988	6.979	6.989	6.988	1.0%
Total Energy Use	9.055	9.148	9.217	9.350	9.471	9.547	9.652	9.721	9.778	9.817	9.844	9.836	9.845	1.0%
Population (millions)	21.217	21.295	21.369	21.439	21.507	21.572	21.634	21.693	21.752	21.810	21.867	21.923	21.979	0.4%
Carbon Dioxide Emissions (million metric tons)	554.02	559.29	564.17	567.98	570.88	574.01	577.81	580.21	583.33	586.16	589.56	588.15	590.46	0.7%

Table 4. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)-West North Central - 04

1/ Includes wood used for residential heating. See Table 4 and/or Table 17 for estimates of nonmarketed renewable energy consumption for geothermal heat pumps, solar thermal hot water heating, and solar photovoltaic electricity generation.

2/ Includes ethanol (blends of 10 percent or less) and ethers blended into gasoline.

3/ Includes commercial sector consumption of wood and wood waste, landfill gas, municipal solid waste, and other biomass for combined heat and power.

4/ Includes energy for combined heat and power plants, except those whose primary business is to sell electricity, or electricity and heat, to the public.

5/ Includes petroleum coke, asphalt, road oil, lubricants, still gas, and miscellaneous petroleum products.

6/ Represents natural gas used in well, field, and lease operations, and in natural gas processing plant machinery.

7/ Includes consumption of energy produced from hydroelectric, wood and wood waste, municipal solid waste, and other biomass sources.

8/ E85 refers to a blend of 85 percent ethanol (renewable) and 15 percent motor gasoline (nonrenewable). To address cold starting issues, the percentage of ethanol varies seasonally. The annual average ethanol content of 74 percent is used for this forecast.

9/ Includes only kerosene type.

10/ Diesel fuel for on- and off- road use.

11/ Includes aviation gasoline and lubricants.

12/ Includes unfinished oils, natural gasoline, motor gasoline blending components, aviation gasoline, lubricants, still gas, asphalt, road oil, petroleum coke, and miscellaneous petroleum products.

13/ Includes electricity generated for sale to the grid and for own use from renewable sources, and non-electric energy from renewable sources. Excludes nonmarketed renewable energy consumption for geothermal heat pumps, buildings photovoltaic systems, and solar thermal hot water heaters.

14/ Includes consumption of energy by electricity-only and combined heat and power plants whose primary business is to sell electricity, or electricity and heat, to the public. Includes small power producers and exempt wholesale generators.

15/ Includes conventional hydroelectric, geothermal, wood and wood waste, biogenic municipal solid waste, other biomass, petroleum coke, wind, photovoltaic and solar thermal sources. Excludes net electricity imports.

16/ Includes non-biogenic municipal waste not included above.

17/ Includes hydroelectric, geothermal, wood and wood waste, biogenic municipal solid waste, other biomass, wind, photovoltaic and solar thermal sources. Includes ethanol components of E85; excludes ethanol blends (10 percent or less) in motor gasoline. Excludes net electricity imports and nonmarketed renewable energy consumption for geothermal heat pumps, buildings photovoltaic systems, and solar thermal hot water heaters.

Btu = British thermal unit.

-- = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Data for 2005 and 2006 are model results and may differ slightly from official EIA data reports. Consumption values of 0.00 are values that round to 0.00, because they are less than 0.005.

Sources: 2005 and 2006 consumption based on: Energy Information Administration (EIA), Annual Energy Review 2006, DOE/EIA-0384(2006) (Washington, DC, June 2007).

2005 and 2006 population and gross domestic product: Global Insight, Global Insight Industry and Employment models, July 2007. 2005 and 2006 carbon dioxide emissions: EIA, Emissions of Greenhouse Gases in the United States 2006, DOE/EIA-0573(2006) (Washington, DC, December 2007). Projections: EIA, AEO2008 National Energy Modeling System run aeo2008.d030208f.

Table 5. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)-south Atlantic - 05

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Residential													
Liquefied Petroleum Gases	0.075	0.066	0.067	0.072	0.071	0.070	0.071	0.072	0.073	0.074	0.075	0.076	0.077
Kerosene	0.028	0.022	0.023	0.026	0.024	0.022	0.022	0.022	0.022	0.021	0.021	0.021	0.021
Distillate Fuel Oil	0.080	0.064	0.064	0.071	0.069	0.066	0.065	0.065	0.064	0.063	0.062	0.062	0.060
Liquid Fuels and Other Petroleum Subtotal	0.183	0.153	0.154	0.168	0.164	0.158	0.158	0.159	0.158	0.158	0.158	0.159	0.158
Natural Gas	0.474	0.410	0.440	0.459	0.473	0.464	0.470	0.477	0.482	0.487	0.493	0.499	0.502
Coal	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Renewable Energy 1/	0.037	0.030	0.031	0.036	0.035	0.034	0.033	0.033	0.033	0.033	0.033	0.032	0.032
Electricity	1.168	1.159	1.194	1.213	1.236	1.264	1.287	1.315	1.305	1.322	1.343	1.368	1.388
Delivered Energy	1.863	1.754	1.821	1.878	1.910	1.921	1.950	1.985	1.979	2.001	2.027	2.059	2.081
Electricity Related Losses	2.258	2.155	2.093	2.064	2.060	2.126	2.117	2.126	2.101	2.122	2.151	2.191	2.221
Total	4.120	3.909	3.914	3.941	3.970	4.047	4.066	4.111	4.081	4.123	4.179	4.251	4.302
Commercial													
Liquefied Petroleum Gases	0.017	0.014	0.016	0.016	0.015	0.015	0.016	0.016	0.016	0.016	0.016	0.016	0.016
Motor Gasoline 2/	0.012	0.011	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012
Kerosene	0.004	0.003	0.003	0.003	0.002	0.004	0.004	0.004	0.003	0.003	0.003	0.004	0.003
Distillate Fuel Oil	0.076	0.074	0.075	0.076	0.064	0.065	0.067	0.068	0.070	0.071	0.072	0.073	0.074
Residual Fuel Oil	0.007	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
Liquid Fuels and Other Petroleum Subtotal	0.116	0.109	0.111	0.112	0.100	0.102	0.104	0.104	0.107	0.108	0.109	0.111	0.112
Natural Gas	0.378	0.350	0.371	0.382	0.369	0.370	0.378	0.386	0.394	0.402	0.410	0.417	0.424
Coal	0.011	0.010	0.008	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009
Renewable Energy 3/	0.025	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024
Electricity	0.963	1.015	1.047	1.066	1.076	1.089	1.109	1.130	1.155	1.182	1.209	1.237	1.263
Delivered Energy	1.492	1.508	1.560	1.594	1.577	1.594	1.624	1.654	1.688	1.724	1.761	1.798	1.832
Electricity Related Losses	1.862	1.886	1.834	1.815	1.793	1.832	1.824	1.828	1.859	1.897	1.937	1.981	2.020
Total	3.354	3.394	3.394	3.408	3.370	3.426	3.448	3.483	3.547	3.621	3.699	3.779	3.852
Industrial 4/													
Liquefied Petroleum Gases	0.028	0.028	0.028	0.029	0.028	0.028	0.028	0.028	0.027	0.027	0.027	0.028	0.027
Motor Gasoline 2/	0.065	0.066	0.066	0.067	0.065	0.066	0.067	0.066	0.065	0.065	0.066	0.066	0.065
Distillate Fuel Oil	0.207	0.211	0.215	0.218	0.212	0.214	0.216	0.213	0.209	0.208	0.209	0.209	0.209
Residual Fuel Oil	0.133	0.137	0.149	0.154	0.152	0.144	0.134	0.130	0.122	0.119	0.119	0.120	0.119
Petrochemical Feedstocks	0.196	0.195	0.178	0.179	0.184	0.190	0.196	0.200	0.204	0.203	0.203	0.202	0.201
Other Petroleum 5/	0.404	0.414	0.394	0.398	0.364	0.364	0.364	0.359	0.346	0.343	0.344	0.345	0.343
Liquid Fuels and Other Petroleum Subtotal	1.032	1.051	1.031	1.045	1.005	1.006	1.005	0.996	0.973	0.966	0.967	0.970	0.964
Natural Gas	0.528	0.548	0.539	0.529	0.500	0.507	0.513	0.512	0.514	0.512	0.509	0.504	0.500
Natural-Gas-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Lease and Plant Fuel 6/	0.011	0.013	0.016	0.017	0.019	0.019	0.020	0.020	0.020	0.020	0.020	0.020	0.020
Natural Gas Subtotal	0.540	0.561	0.555	0.546	0.519	0.526	0.533	0.532	0.534	0.532	0.529	0.524	0.521
Metallurgical Coal	0.062	0.062	0.063	0.066	0.065	0.064	0.064	0.062	0.061	0.061	0.062	0.063	0.064
Other Industrial Coal	0.277	0.269	0.276	0.289	0.283	0.279	0.276	0.270	0.265	0.264	0.263	0.263	0.262
Coal-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Net Coal Coke Imports	-0.016	-0.022	-0.010	-0.025	-0.011	-0.011	-0.010	-0.010	-0.010	-0.010	-0.010	-0.009	-0.009
Coal Subtotal	0.323	0.309	0.329	0.330	0.337	0.332	0.329	0.323	0.316	0.316	0.316	0.316	0.317
Biofuels Heat and Coproducts	0.000	0.000	0.000	0.007	0.003	0.007	0.011	0.010	0.016	0.015	0.015	0.015	0.027
Renewable Energy 7/	0.495	0.511	0.531	0.542	0.494	0.507	0.517	0.521	0.522	0.527	0.534	0.540	0.546
Electricity	0.588	0.553	0.538	0.564	0.574	0.589	0.600	0.605	0.608	0.608	0.610	0.611	0.612
Delivered Energy	2.978	2.984	2.983	3.035	2.931	2.967	2.994	2.987	2.964	2.964	2.971	2.977	2.986
Electricity Related Losses	1.136	1.028	0.943	0.960	0.957	0.990	0.987	0.978	0.978	0.975	0.977	0.979	0.979
Total	4.113	4.012	3.926	3.995	3.888	3.957	3.981	3.965	3.948	3.940	3.947	3.957	3.965

Table 5. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)-south Atlantic - 05

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Transportation													
Liquefied Petroleum Gases	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.002	0.002	0.002	0.002
E85 8/	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Motor Gasoline 2/	3.495	3.530	3.555	3.514	3.495	3.490	3.488	3.512	3.536	3.556	3.576	3.594	3.610
Jet Fuel 9/	0.457	0.425	0.431	0.444	0.452	0.463	0.474	0.485	0.491	0.499	0.507	0.516	0.525
Distillate Fuel Oil 10/	1.066	1.100	1.115	1.119	1.137	1.173	1.211	1.237	1.257	1.275	1.296	1.319	1.338
Residual Fuel Oil	0.162	0.163	0.174	0.172	0.170	0.168	0.166	0.167	0.167	0.168	0.169	0.169	0.170
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Other Petroleum 11/	0.033	0.032	0.030	0.030	0.031	0.031	0.031	0.031	0.031	0.032	0.032	0.032	0.032
Liquid Fuels and Other Petroleum Subtotal	5.215	5.252	5.308	5.283	5.288	5.328	5.374	5.436	5.486	5.533	5.583	5.634	5.678
Pipeline Fuel Natural Gas	0.051	0.050	0.058	0.057	0.058	0.058	0.059	0.060	0.060	0.060	0.061	0.061	0.061
Compressed Natural Gas	0.002	0.003	0.004	0.004	0.005	0.005	0.006	0.006	0.007	0.007	0.008	0.008	0.008
Electricity	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
Delivered Energy	5.271	5.308	5.372	5.347	5.353	5.395	5.442	5.505	5.556	5.603	5.654	5.706	5.750
Electricity Related Losses	0.006	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Total	5.277	5.314	5.377	5.353	5.358	5.400	5.447	5.510	5.561	5.608	5.659	5.711	5.755
Delivered Energy Consumption, All Sectors													
Liquefied Petroleum Gases	0.122	0.111	0.114	0.120	0.117	0.116	0.118	0.118	0.118	0.119	0.120	0.122	0.122
E85 8/	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Motor Gasoline 2/	3.571	3.608	3.632	3.592	3.572	3.567	3.566	3.590	3.613	3.634	3.653	3.672	3.688
Jet Fuel 9/	0.457	0.425	0.431	0.444	0.452	0.463	0.474	0.485	0.491	0.499	0.507	0.516	0.525
Kerosene	0.035	0.027	0.027	0.030	0.028	0.028	0.027	0.027	0.027	0.026	0.026	0.026	0.026
Distillate Fuel Oil	1.430	1.450	1.469	1.484	1.482	1.518	1.558	1.583	1.599	1.617	1.638	1.663	1.681
Residual Fuel Oil	0.302	0.306	0.329	0.332	0.328	0.317	0.306	0.303	0.295	0.293	0.294	0.295	0.295
Petrochemical Feedstocks	0.196	0.195	0.178	0.179	0.184	0.190	0.196	0.200	0.204	0.203	0.203	0.202	0.201
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Other Petroleum 12/	0.434	0.444	0.423	0.426	0.393	0.394	0.394	0.389	0.376	0.373	0.373	0.375	0.373
Liquid Fuels and Other Petroleum Subtotal	6.546	6.565	6.604	6.609	6.557	6.594	6.640	6.696	6.724	6.765	6.817	6.873	6.912
Natural Gas	1.382	1.312	1.354	1.374	1.347	1.347	1.367	1.382	1.397	1.408	1.420	1.428	1.435
Natural-Gas-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Lease and Plant Fuel 6/	0.011	0.013	0.016	0.017	0.019	0.019	0.020	0.020	0.020	0.020	0.020	0.020	0.020
Pipeline Natural Gas	0.051	0.050	0.058	0.057	0.058	0.058	0.059	0.060	0.060	0.060	0.061	0.061	0.061
Natural Gas Subtotal	1.444	1.374	1.428	1.449	1.423	1.424	1.446	1.462	1.477	1.489	1.500	1.510	1.516
Metallurgical Coal	0.062	0.062	0.063	0.066	0.065	0.064	0.064	0.062	0.061	0.061	0.062	0.063	0.064
Other Coal	0.289	0.280	0.284	0.300	0.293	0.289	0.286	0.280	0.275	0.274	0.273	0.273	0.272
Coal-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Net Coal Coke Imports	-0.016	-0.022	-0.010	-0.025	-0.011	-0.011	-0.010	-0.010	-0.010	-0.010	-0.010	-0.009	-0.009
Coal Subtotal	0.335	0.319	0.337	0.341	0.347	0.343	0.339	0.333	0.326	0.326	0.326	0.326	0.326
Biofuels Heat and Coproducts	0.000	0.000	0.000	0.007	0.003	0.007	0.011	0.010	0.016	0.015	0.015	0.015	0.027
Renewable Energy 13/	0.556	0.565	0.586	0.602	0.553	0.565	0.574	0.578	0.579	0.584	0.590	0.597	0.602
Electricity	2.722	2.730	2.782	2.846	2.889	2.944	2.999	3.053	3.071	3.115	3.165	3.219	3.266
Delivered Energy	11.604	11.554	11.737	11.854	11.772	11.876	12.009	12.131	12.192	12.293	12.414	12.541	12.649
Electricity Related Losses	5.261	5.074	4.875	4.844	4.815	4.953	4.932	4.938	4.944	4.999	5.071	5.156	5.225
Total	16.865	16.628	16.612	16.697	16.587	16.830	16.941	17.069	17.136	17.292	17.484	17.697	17.874
Electric Power 14/													
Distillate Fuel Oil	0.076	0.033	0.041	0.043	0.043	0.044	0.044	0.048	0.049	0.048	0.049	0.052	0.051
Residual Fuel Oil	0.413	0.225	0.160	0.160	0.160	0.160	0.160	0.160	0.161	0.161	0.161	0.161	0.161
Liquid Fuels and Other Petroleum Subtotal	0.489	0.258	0.201	0.202	0.203	0.204	0.204	0.208	0.209	0.209	0.210	0.213	0.212
Natural Gas	0.908	1.041	0.817	0.858	0.814	0.857	0.863	0.905	0.889	0.872	0.860	0.848	0.819
Steam Coal	4.280	4.225	4.349	4.344	4.413	4.426	4.453	4.455	4.484	4.576	4.687	4.772	4.883
Nuclear Power	2.042	2.031	2.049	2.040	2.025	2.025	2.025	2.025	2.025	2.025	2.035	2.056	2.080
Renewable Energy 15/	0.226	0.211	0.205	0.209	0.212	0.349	0.349	0.360	0.369	0.395	0.407	0.449	0.460
Electricity Imports	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total 16/	7.983	7.804	7.657	7.690	7.704	7.898	7.932	7.991	8.014	8.114	8.235	8.376	8.490

Table 5. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)-south Atlantic - 05

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Total Energy Consumption													
Liquefied Petroleum Gases	0.122	0.111	0.114	0.120	0.117	0.116	0.118	0.118	0.118	0.119	0.120	0.122	0.122
E85 8/	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Motor Gasoline 2/	3.571	3.608	3.632	3.592	3.572	3.567	3.566	3.590	3.613	3.634	3.653	3.672	3.688
Jet Fuel 9/	0.457	0.425	0.431	0.444	0.452	0.463	0.474	0.485	0.491	0.499	0.507	0.516	0.525
Kerosene	0.035	0.027	0.027	0.030	0.028	0.028	0.027	0.027	0.027	0.026	0.026	0.026	0.026
Distillate Fuel Oil	1.505	1.483	1.510	1.527	1.525	1.562	1.602	1.631	1.648	1.665	1.688	1.715	1.732
Residual Fuel Oil	0.715	0.531	0.488	0.492	0.488	0.477	0.466	0.463	0.456	0.454	0.455	0.456	0.456
Petrochemical Feedstocks	0.196	0.195	0.178	0.179	0.184	0.190	0.196	0.200	0.204	0.203	0.203	0.202	0.201
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Other Petroleum 12/	0.434	0.444	0.423	0.426	0.393	0.394	0.394	0.389	0.376	0.373	0.373	0.375	0.373
Liquid Fuels and Other Petroleum Subtotal	7.035	6.824	6.805	6.811	6.760	6.798	6.844	6.904	6.933	6.974	7.027	7.086	7.123
Natural Gas	2.290	2.353	2.171	2.232	2.162	2.203	2.231	2.287	2.286	2.281	2.279	2.277	2.253
Natural-Gas-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Lease and Plant Fuel 6/	0.011	0.013	0.016	0.017	0.019	0.019	0.020	0.020	0.020	0.020	0.020	0.020	0.020
Pipeline Natural Gas	0.051	0.050	0.058	0.057	0.058	0.058	0.059	0.060	0.060	0.060	0.061	0.061	0.061
Natural Gas Subtotal	2.352	2.416	2.244	2.306	2.238	2.281	2.310	2.367	2.366	2.361	2.360	2.358	2.335
Metallurgical Coal	0.062	0.062	0.063	0.066	0.065	0.064	0.064	0.062	0.061	0.061	0.062	0.063	0.064
Other Coal	4.569	4.504	4.633	4.643	4.706	4.715	4.739	4.735	4.759	4.850	4.960	5.045	5.155
Coal-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Net Coal Coke Imports	-0.016	-0.022	-0.010	-0.025	-0.011	-0.011	-0.010	-0.010	-0.010	-0.010	-0.010	-0.009	-0.009
Coal Subtotal	4.615	4.544	4.686	4.684	4.760	4.768	4.792	4.787	4.810	4.901	5.012	5.098	5.210
Nuclear Power	2.042	2.031	2.049	2.040	2.025	2.025	2.025	2.025	2.025	2.025	2.035	2.056	2.080
Biofuels Heat and Coproducts	0.000	0.000	0.000	0.007	0.003	0.007	0.011	0.010	0.016	0.015	0.015	0.015	0.027
Renewable Energy 17/	0.783	0.776	0.791	0.811	0.765	0.913	0.922	0.938	0.948	0.979	0.997	1.046	1.062
Electricity Imports	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total	16.865	16.628	16.612	16.697	16.587	16.830	16.941	17.069	17.136	17.292	17.484	17.697	17.874
Energy Use & Related Statistics													
Delivered Energy Use	11.604	11.554	11.737	11.854	11.772	11.876	12.009	12.131	12.192	12.293	12.414	12.541	12.649
Total Energy Use	16.865	16.628	16.612	16.697	16.587	16.830	16.941	17.069	17.136	17.292	17.484	17.697	17.874
Population (millions)	56.082	56.900	57.709	58.521	59.339	60.163	60.994	61.833	62.681	63.537	64.401	65.272	66.150
Carbon Dioxide Emissions (million metric tons)	1043.73	1021.41	1020.34	1021.14	1019.82	1022.40	1027.92	1034.60	1038.76	1049.25	1063.21	1075.60	1087.84

Table 5. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)-south Atlantic - 05

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2006-2030
Residential														
Liquefied Petroleum Gases	0.077	0.078	0.079	0.080	0.081	0.082	0.083	0.083	0.084	0.085	0.086	0.086	0.087	1.2%
Kerosene	0.020	0.020	0.020	0.019	0.019	0.019	0.018	0.018	0.017	0.017	0.017	0.016	0.016	-1.4%
Distillate Fuel Oil	0.059	0.058	0.057	0.055	0.054	0.053	0.052	0.050	0.049	0.048	0.047	0.046	0.045	-1.5%
Liquid Fuels and Other Petroleum Subtotal	0.157	0.156	0.156	0.155	0.154	0.153	0.153	0.151	0.151	0.150	0.150	0.148	0.148	-0.1%
Natural Gas	0.506	0.509	0.513	0.514	0.517	0.518	0.520	0.520	0.520	0.521	0.522	0.520	0.519	1.0%
Coal	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	-0.7%
Renewable Energy 1/	0.032	0.032	0.032	0.032	0.032	0.032	0.032	0.032	0.032	0.032	0.032	0.032	0.032	0.2%
Electricity	1.411	1.432	1.452	1.469	1.492	1.515	1.543	1.565	1.592	1.619	1.649	1.671	1.696	1.6%
Delivered Energy	2.107	2.131	2.154	2.171	2.195	2.219	2.249	2.269	2.296	2.322	2.353	2.371	2.395	1.3%
Electricity Related Losses	2.249	2.278	2.286	2.282	2.285	2.295	2.313	2.343	2.368	2.389	2.403	2.409	2.436	0.5%
Total	4.356	4.409	4.440	4.453	4.480	4.515	4.561	4.612	4.664	4.711	4.756	4.780	4.831	0.9%
Commercial														
Liquefied Petroleum Gases	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.017	0.017	0.017	0.017	0.017	0.017	0.7%
Motor Gasoline 2/	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.4%
Kerosene	0.003	0.003	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.7%
Distillate Fuel Oil	0.075	0.075	0.076	0.076	0.077	0.077	0.077	0.078	0.078	0.078	0.079	0.079	0.079	0.3%
Residual Fuel Oil	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	-0.1%
Liquid Fuels and Other Petroleum Subtotal	0.113	0.113	0.114	0.114	0.115	0.115	0.116	0.116	0.117	0.117	0.118	0.118	0.118	0.3%
Natural Gas	0.430	0.436	0.442	0.449	0.455	0.461	0.467	0.472	0.479	0.484	0.490	0.496	0.501	1.5%
Coal	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	-0.3%
Renewable Energy 3/	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.0%
Electricity	1.288	1.315	1.342	1.370	1.398	1.425	1.453	1.480	1.507	1.534	1.561	1.588	1.614	2.0%
Delivered Energy	1.864	1.897	1.930	1.966	2.001	2.035	2.068	2.102	2.135	2.169	2.202	2.235	2.266	1.7%
Electricity Related Losses	2.055	2.091	2.112	2.129	2.141	2.159	2.177	2.216	2.242	2.264	2.275	2.290	2.317	0.9%
Total	3.919	3.988	4.043	4.095	4.142	4.194	4.246	4.317	4.377	4.433	4.477	4.524	4.583	1.3%
Industrial 4/														
Liquefied Petroleum Gases	0.027	0.026	0.026	0.024	0.024	0.024	0.023	0.023	0.023	0.023	0.023	0.023	0.023	-0.8%
Motor Gasoline 2/	0.065	0.065	0.065	0.065	0.065	0.065	0.066	0.066	0.066	0.067	0.067	0.067	0.067	0.1%
Distillate Fuel Oil	0.208	0.207	0.206	0.206	0.205	0.205	0.205	0.206	0.207	0.208	0.208	0.208	0.209	0.0%
Residual Fuel Oil	0.118	0.118	0.116	0.115	0.116	0.114	0.113	0.113	0.113	0.113	0.114	0.115	0.115	-0.7%
Petrochemical Feedstocks	0.200	0.198	0.196	0.194	0.193	0.192	0.191	0.191	0.190	0.190	0.189	0.189	0.188	-0.2%
Other Petroleum 5/	0.341	0.339	0.336	0.337	0.338	0.337	0.339	0.341	0.343	0.347	0.348	0.349	0.353	-0.7%
Liquid Fuels and Other Petroleum Subtotal	0.959	0.952	0.946	0.941	0.941	0.937	0.938	0.941	0.943	0.948	0.950	0.950	0.955	-0.4%
Natural Gas	0.498	0.496	0.498	0.500	0.500	0.499	0.498	0.498	0.498	0.497	0.496	0.494	0.492	-0.4%
Natural-Gas-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	--
Lease and Plant Fuel 6/	0.021	0.020	0.020	0.020	0.020	0.019	0.019	0.019	0.019	0.019	0.019	0.019	0.019	1.7%
Natural Gas Subtotal	0.518	0.516	0.518	0.520	0.520	0.519	0.517	0.517	0.518	0.517	0.515	0.514	0.511	-0.4%
Metallurgical Coal	0.064	0.065	0.066	0.066	0.067	0.067	0.068	0.068	0.068	0.069	0.069	0.068	0.068	0.4%
Other Industrial Coal	0.261	0.261	0.261	0.260	0.260	0.260	0.259	0.259	0.259	0.259	0.258	0.258	0.258	-0.2%
Coal-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	--
Net Coal Coke Imports	-0.009	-0.009	-0.009	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.007	-0.007	-0.007	-0.007	-4.7%
Coal Subtotal	0.317	0.317	0.318	0.318	0.319	0.319	0.319	0.320	0.320	0.320	0.320	0.319	0.319	0.1%
Biofuels Heat and Coproducts	0.027	0.072	0.132	0.157	0.163	0.157	0.157	0.157	0.157	0.157	0.157	0.157	0.157	33.2%
Renewable Energy 7/	0.552	0.558	0.564	0.571	0.577	0.583	0.590	0.598	0.605	0.612	0.617	0.623	0.629	0.9%
Electricity	0.611	0.609	0.608	0.608	0.608	0.608	0.608	0.609	0.610	0.612	0.611	0.610	0.611	0.4%
Delivered Energy	2.985	3.024	3.087	3.115	3.128	3.123	3.130	3.142	3.153	3.165	3.169	3.173	3.181	0.3%
Electricity Related Losses	0.975	0.969	0.958	0.944	0.931	0.920	0.912	0.912	0.908	0.902	0.890	0.880	0.877	-0.7%
Total	3.959	3.993	4.045	4.060	4.058	4.043	4.041	4.054	4.061	4.067	4.060	4.053	4.058	0.0%

Table 5. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)-south Atlantic - 05

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2006-2030
Transportation														
Liquefied Petroleum Gases	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	-0.5%
E85 8/	0.001	0.001	0.002	0.087	0.114	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.003	10.4%
Motor Gasoline 2/	3.618	3.613	3.602	3.518	3.491	3.605	3.610	3.618	3.628	3.642	3.657	3.676	3.697	0.2%
Jet Fuel 9/	0.534	0.542	0.551	0.560	0.569	0.578	0.586	0.595	0.604	0.612	0.621	0.630	0.639	1.7%
Distillate Fuel Oil 10/	1.359	1.383	1.409	1.435	1.462	1.490	1.520	1.550	1.582	1.615	1.649	1.682	1.718	1.9%
Residual Fuel Oil	0.171	0.171	0.172	0.173	0.173	0.174	0.175	0.175	0.176	0.177	0.177	0.178	0.178	0.4%
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	45.1%
Other Petroleum 11/	0.032	0.032	0.032	0.032	0.033	0.033	0.033	0.033	0.033	0.033	0.034	0.034	0.034	0.3%
Liquid Fuels and Other Petroleum Subtotal	5.717	5.746	5.770	5.807	5.845	5.884	5.929	5.977	6.029	6.085	6.144	6.205	6.273	0.7%
Pipeline Fuel Natural Gas	0.061	0.061	0.060	0.060	0.060	0.060	0.059	0.059	0.059	0.059	0.059	0.059	0.058	0.7%
Compressed Natural Gas	0.008	0.009	0.009	0.009	0.010	0.010	0.010	0.010	0.010	0.011	0.011	0.011	0.011	5.3%
Electricity	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.004	0.004	0.004	0.004	0.004	0.8%
Delivered Energy	5.789	5.818	5.843	5.880	5.917	5.957	6.002	6.049	6.102	6.158	6.217	6.278	6.346	0.7%
Electricity Related Losses	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	-0.3%
Total	5.795	5.823	5.848	5.885	5.922	5.962	6.007	6.054	6.107	6.164	6.223	6.284	6.351	0.7%
Delivered Energy Consumption, All Sectors														
Liquefied Petroleum Gases	0.123	0.123	0.124	0.123	0.123	0.124	0.125	0.125	0.126	0.127	0.128	0.128	0.129	0.6%
E85 8/	0.001	0.001	0.002	0.087	0.114	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.003	10.4%
Motor Gasoline 2/	3.695	3.691	3.679	3.595	3.569	3.682	3.688	3.696	3.707	3.721	3.737	3.755	3.777	0.2%
Jet Fuel 9/	0.534	0.542	0.551	0.560	0.569	0.578	0.586	0.595	0.604	0.612	0.621	0.630	0.639	1.7%
Kerosene	0.026	0.025	0.025	0.025	0.024	0.024	0.024	0.023	0.023	0.023	0.022	0.022	0.022	-1.0%
Distillate Fuel Oil	1.701	1.723	1.747	1.772	1.798	1.825	1.854	1.884	1.916	1.949	1.982	2.015	2.051	1.5%
Residual Fuel Oil	0.295	0.295	0.295	0.294	0.295	0.294	0.294	0.294	0.296	0.296	0.298	0.299	0.299	-0.1%
Petrochemical Feedstocks	0.200	0.198	0.196	0.194	0.193	0.192	0.191	0.191	0.190	0.190	0.189	0.189	0.188	-0.2%
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	45.1%
Other Petroleum 12/	0.371	0.369	0.367	0.367	0.369	0.368	0.370	0.373	0.374	0.378	0.380	0.381	0.385	-0.6%
Liquid Fuels and Other Petroleum Subtotal	6.946	6.967	6.986	7.017	7.055	7.090	7.135	7.186	7.239	7.300	7.361	7.422	7.494	0.6%
Natural Gas	1.442	1.450	1.462	1.473	1.482	1.488	1.495	1.500	1.508	1.513	1.518	1.521	1.523	0.6%
Natural-Gas-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	--
Lease and Plant Fuel 6/	0.021	0.020	0.020	0.020	0.020	0.019	0.019	0.019	0.019	0.019	0.019	0.019	0.019	1.7%
Pipeline Natural Gas	0.061	0.061	0.060	0.060	0.060	0.060	0.059	0.059	0.059	0.059	0.059	0.059	0.058	0.7%
Natural Gas Subtotal	1.524	1.531	1.543	1.553	1.561	1.568	1.573	1.578	1.586	1.592	1.597	1.598	1.600	0.6%
Metallurgical Coal	0.064	0.065	0.066	0.066	0.067	0.067	0.068	0.068	0.068	0.069	0.069	0.068	0.068	0.4%
Other Coal	0.271	0.271	0.271	0.270	0.270	0.270	0.269	0.269	0.269	0.269	0.268	0.268	0.267	-0.2%
Coal-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	--
Net Coal Coke Imports	-0.009	-0.009	-0.009	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.007	-0.007	-0.007	-0.007	-4.7%
Coal Subtotal	0.327	0.327	0.328	0.328	0.329	0.329	0.329	0.329	0.330	0.330	0.330	0.329	0.328	0.1%
Biofuels Heat and Coproducts	0.027	0.072	0.132	0.157	0.163	0.157	0.157	0.157	0.157	0.157	0.157	0.157	0.157	33.2%
Renewable Energy 13/	0.608	0.614	0.620	0.627	0.633	0.640	0.646	0.654	0.661	0.668	0.673	0.679	0.685	0.8%
Electricity	3.313	3.360	3.405	3.450	3.500	3.551	3.607	3.658	3.713	3.768	3.824	3.872	3.924	1.5%
Delivered Energy	12.745	12.871	13.014	13.132	13.241	13.334	13.448	13.562	13.686	13.814	13.941	14.058	14.189	0.9%
Electricity Related Losses	5.284	5.343	5.361	5.361	5.361	5.380	5.407	5.477	5.523	5.560	5.574	5.584	5.635	0.4%
Total	18.028	18.213	18.375	18.493	18.603	18.715	18.855	19.038	19.209	19.374	19.515	19.641	19.824	0.7%
Electric Power 14/														
Distillate Fuel Oil	0.051	0.052	0.053	0.053	0.053	0.053	0.053	0.053	0.053	0.055	0.056	0.056	0.057	2.3%
Residual Fuel Oil	0.161	0.161	0.161	0.161	0.161	0.161	0.161	0.161	0.161	0.161	0.161	0.161	0.161	-1.4%
Liquid Fuels and Other Petroleum Subtotal	0.211	0.213	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.216	0.217	0.217	0.217	-0.7%
Natural Gas	0.792	0.755	0.712	0.686	0.672	0.653	0.636	0.634	0.636	0.649	0.661	0.643	0.639	-2.0%
Steam Coal	4.985	5.086	5.183	5.251	5.232	5.229	5.237	5.248	5.247	5.263	5.307	5.352	5.361	1.0%
Nuclear Power	2.080	2.080	2.080	2.080	2.157	2.248	2.339	2.447	2.544	2.600	2.611	2.644	2.738	1.3%
Renewable Energy 15/	0.491	0.532	0.541	0.543	0.549	0.550	0.551	0.554	0.558	0.563	0.566	0.563	0.567	4.2%
Electricity Imports	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	--
Total 16/	8.597	8.702	8.767	8.811	8.862	8.932	9.014	9.134	9.236	9.328	9.398	9.456	9.559	0.8%

Table 5. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)-south Atlantic - 05

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2006-2030
Total Energy Consumption														
Liquefied Petroleum Gases	0.123	0.123	0.124	0.123	0.123	0.124	0.125	0.125	0.126	0.127	0.128	0.128	0.129	0.6%
E85 8/	0.001	0.001	0.002	0.087	0.114	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.003	10.4%
Motor Gasoline 2/	3.695	3.691	3.679	3.595	3.569	3.682	3.688	3.696	3.707	3.721	3.737	3.755	3.777	0.2%
Jet Fuel 9/	0.534	0.542	0.551	0.560	0.569	0.578	0.586	0.595	0.604	0.612	0.621	0.630	0.639	1.7%
Kerosene	0.026	0.025	0.025	0.025	0.024	0.024	0.024	0.023	0.023	0.023	0.022	0.022	0.022	-1.0%
Distillate Fuel Oil	1.752	1.775	1.800	1.826	1.851	1.878	1.907	1.937	1.969	2.004	2.038	2.071	2.108	1.5%
Residual Fuel Oil	0.456	0.456	0.455	0.455	0.456	0.455	0.455	0.456	0.456	0.457	0.459	0.459	0.460	-0.6%
Petrochemical Feedstocks	0.200	0.198	0.196	0.194	0.193	0.192	0.191	0.191	0.190	0.190	0.189	0.189	0.188	-0.2%
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	45.1%
Other Petroleum 12/	0.371	0.369	0.367	0.367	0.369	0.368	0.370	0.373	0.374	0.378	0.380	0.381	0.385	-0.6%
Liquid Fuels and Other Petroleum Subtotal	7.157	7.180	7.200	7.231	7.269	7.304	7.349	7.400	7.453	7.516	7.578	7.639	7.711	0.5%
Natural Gas	2.234	2.205	2.174	2.159	2.154	2.142	2.131	2.134	2.144	2.162	2.179	2.164	2.162	-0.4%
Natural-Gas-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	--
Lease and Plant Fuel 6/	0.021	0.020	0.020	0.020	0.020	0.019	0.019	0.019	0.019	0.019	0.019	0.019	0.019	1.7%
Pipeline Natural Gas	0.061	0.061	0.060	0.060	0.060	0.060	0.059	0.059	0.059	0.059	0.059	0.059	0.058	0.7%
Natural Gas Subtotal	2.315	2.286	2.254	2.239	2.234	2.221	2.209	2.212	2.222	2.240	2.258	2.241	2.239	-0.3%
Metallurgical Coal	0.064	0.065	0.066	0.066	0.067	0.067	0.068	0.068	0.068	0.069	0.069	0.068	0.068	0.4%
Other Coal	5.257	5.357	5.453	5.521	5.502	5.499	5.506	5.517	5.516	5.531	5.575	5.619	5.629	0.9%
Coal-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	--
Net Coal Coke Imports	-0.009	-0.009	-0.009	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.007	-0.007	-0.007	-0.007	-4.7%
Coal Subtotal	5.312	5.413	5.510	5.579	5.560	5.558	5.566	5.577	5.577	5.592	5.636	5.681	5.689	0.9%
Nuclear Power	2.080	2.080	2.080	2.080	2.157	2.248	2.339	2.447	2.544	2.600	2.611	2.644	2.738	1.3%
Biofuels Heat and Coproducts	0.027	0.072	0.132	0.157	0.163	0.157	0.157	0.157	0.157	0.157	0.157	0.157	0.157	33.2%
Renewable Energy 17/	1.099	1.146	1.162	1.170	1.182	1.190	1.197	1.208	1.219	1.231	1.239	1.242	1.252	2.0%
Electricity Imports	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	--
Total	18.028	18.213	18.375	18.493	18.603	18.715	18.855	19.038	19.209	19.374	19.515	19.641	19.824	0.7%
Energy Use & Related Statistics														
Delivered Energy Use	12.745	12.871	13.014	13.132	13.241	13.334	13.448	13.562	13.686	13.814	13.941	14.058	14.189	0.9%
Total Energy Use	18.028	18.213	18.375	18.493	18.603	18.715	18.855	19.038	19.209	19.374	19.515	19.641	19.824	0.7%
Population (millions)	67.037	67.932	68.836	69.751	70.678	71.619	72.573	73.541	74.518	75.504	76.500	77.507	78.523	1.4%
Carbon Dioxide Emissions (million metric tons)	1099.04	1109.32	1118.28	1121.91	1121.75	1128.21	1131.93	1136.58	1140.75	1147.70	1157.00	1164.32	1170.20	0.6%

Table 5. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)-south Atlantic - 05

1/ Includes wood used for residential heating. See Table 4 and/or Table 17 for estimates of nonmarketed renewable energy consumption for geothermal heat pumps, solar thermal hot water heating, and solar photovoltaic electricity generation.

2/ Includes ethanol (blends of 10 percent or less) and ethers blended into gasoline.

3/ Includes commercial sector consumption of wood and wood waste, landfill gas, municipal solid waste, and other biomass for combined heat and power.

4/ Includes energy for combined heat and power plants, except those whose primary business is to sell electricity, or electricity and heat, to the public.

5/ Includes petroleum coke, asphalt, road oil, lubricants, still gas, and miscellaneous petroleum products.

6/ Represents natural gas used in well, field, and lease operations, and in natural gas processing plant machinery.

7/ Includes consumption of energy produced from hydroelectric, wood and wood waste, municipal solid waste, and other biomass sources.

8/ E85 refers to a blend of 85 percent ethanol (renewable) and 15 percent motor gasoline (nonrenewable). To address cold starting issues, the percentage of ethanol varies seasonally. The annual average ethanol content of 74 percent is used for this forecast.

9/ Includes only kerosene type.

10/ Diesel fuel for on- and off- road use.

11/ Includes aviation gasoline and lubricants.

12/ Includes unfinished oils, natural gasoline, motor gasoline blending components, aviation gasoline, lubricants, still gas, asphalt, road oil, petroleum coke, and miscellaneous petroleum products.

13/ Includes electricity generated for sale to the grid and for own use from renewable sources, and non-electric energy from renewable sources. Excludes nonmarketed renewable energy consumption for geothermal heat pumps, buildings photovoltaic systems, and solar thermal hot water heaters.

14/ Includes consumption of energy by electricity-only and combined heat and power plants whose primary business is to sell electricity, or electricity and heat, to the public. Includes small power producers and exempt wholesale generators.

15/ Includes conventional hydroelectric, geothermal, wood and wood waste, biogenic municipal solid waste, other biomass, petroleum coke, wind, photovoltaic and solar thermal sources. Excludes net electricity imports.

16/ Includes non-biogenic municipal waste not included above.

17/ Includes hydroelectric, geothermal, wood and wood waste, biogenic municipal solid waste, other biomass, wind, photovoltaic and solar thermal sources. Includes ethanol components of E85; excludes ethanol blends (10 percent or less) in motor gasoline. Excludes net electricity imports and nonmarketed renewable energy consumption for geothermal heat pumps, buildings photovoltaic systems, and solar thermal hot water heaters.

Btu = British thermal unit.

-- = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Data for 2005 and 2006 are model results and may differ slightly from official EIA data reports. Consumption values of 0.00 are values that round to 0.00, because they are less than 0.005.

Sources: 2005 and 2006 consumption based on: Energy Information Administration (EIA), Annual Energy Review 2006, DOE/EIA-0384(2006) (Washington, DC, June 2007). 2005 and 2006 population and gross domestic product: Global Insight, Global Insight Industry and Employment models, July 2007. 2005 and 2006 carbon dioxide emissions: EIA, Emissions of Greenhouse Gases in the United States 2006, DOE/EIA-0573(2006) (Washington, DC, December 2007). Projections: EIA, AEO2008 National Energy Modeling System run aeo2008.d030208f.

Table 6. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)-East South Central - 06

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Residential													
Liquefied Petroleum Gases	0.039	0.036	0.035	0.038	0.037	0.036	0.036	0.037	0.037	0.037	0.037	0.037	0.037
Kerosene	0.003	0.003	0.003	0.004	0.003	0.003	0.003	0.003	0.004	0.004	0.004	0.004	0.004
Distillate Fuel Oil	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
Liquid Fuels and Other Petroleum Subtotal	0.045	0.042	0.041	0.045	0.043	0.042	0.043	0.043	0.043	0.043	0.044	0.044	0.044
Natural Gas	0.196	0.173	0.177	0.181	0.204	0.200	0.203	0.205	0.207	0.209	0.211	0.213	0.214
Coal	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Renewable Energy 1/	0.031	0.030	0.030	0.035	0.033	0.032	0.031	0.031	0.031	0.031	0.031	0.031	0.030
Electricity	0.400	0.400	0.418	0.411	0.424	0.431	0.435	0.441	0.435	0.438	0.442	0.447	0.450
Delivered Energy	0.673	0.645	0.667	0.673	0.706	0.706	0.712	0.721	0.717	0.722	0.727	0.735	0.739
Electricity Related Losses	0.947	0.981	1.094	1.082	1.099	1.116	1.119	1.141	1.127	1.145	1.160	1.173	1.192
Total	1.620	1.626	1.760	1.755	1.805	1.822	1.832	1.862	1.844	1.867	1.887	1.909	1.931
Commercial													
Liquefied Petroleum Gases	0.007	0.005	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
Motor Gasoline 2/	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Kerosene	0.001	0.000	0.001	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Distillate Fuel Oil	0.018	0.018	0.018	0.019	0.015	0.016	0.016	0.016	0.017	0.017	0.017	0.018	0.018
Residual Fuel Oil	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Liquid Fuels and Other Petroleum Subtotal	0.027	0.025	0.026	0.026	0.022	0.023	0.024	0.024	0.025	0.025	0.025	0.026	0.026
Natural Gas	0.141	0.132	0.136	0.138	0.138	0.138	0.140	0.143	0.145	0.148	0.150	0.152	0.154
Coal	0.006	0.006	0.005	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
Renewable Energy 3/	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
Electricity	0.282	0.283	0.293	0.291	0.299	0.302	0.307	0.312	0.318	0.324	0.331	0.337	0.343
Delivered Energy	0.459	0.450	0.463	0.464	0.468	0.473	0.481	0.489	0.498	0.507	0.516	0.524	0.532
Electricity Related Losses	0.666	0.695	0.765	0.766	0.774	0.782	0.789	0.807	0.823	0.848	0.869	0.885	0.908
Total	1.125	1.145	1.228	1.230	1.242	1.255	1.270	1.296	1.321	1.355	1.384	1.409	1.440
Industrial 4/													
Liquefied Petroleum Gases	0.035	0.036	0.036	0.037	0.036	0.036	0.035	0.035	0.034	0.034	0.033	0.033	0.032
Motor Gasoline 2/	0.033	0.033	0.033	0.033	0.032	0.033	0.034	0.033	0.033	0.033	0.033	0.033	0.033
Distillate Fuel Oil	0.115	0.118	0.120	0.122	0.118	0.119	0.120	0.119	0.116	0.116	0.116	0.117	0.116
Residual Fuel Oil	0.008	0.008	0.009	0.009	0.009	0.008	0.008	0.007	0.007	0.007	0.008	0.008	0.007
Petrochemical Feedstocks	0.098	0.098	0.089	0.090	0.093	0.096	0.098	0.100	0.102	0.102	0.102	0.102	0.101
Other Petroleum 5/	0.306	0.317	0.306	0.311	0.285	0.302	0.306	0.304	0.303	0.302	0.301	0.300	0.298
Liquid Fuels and Other Petroleum Subtotal	0.596	0.609	0.594	0.602	0.573	0.594	0.601	0.598	0.595	0.593	0.593	0.591	0.588
Natural Gas	0.455	0.462	0.474	0.477	0.471	0.465	0.470	0.469	0.466	0.464	0.461	0.459	0.456
Natural-Gas-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Lease and Plant Fuel 6/	0.027	0.028	0.023	0.025	0.027	0.028	0.029	0.029	0.028	0.028	0.028	0.028	0.027
Natural Gas Subtotal	0.482	0.490	0.497	0.503	0.499	0.493	0.498	0.498	0.494	0.492	0.489	0.486	0.483
Metalurgical Coal	0.071	0.070	0.072	0.075	0.074	0.073	0.073	0.071	0.070	0.070	0.071	0.072	0.073
Other Industrial Coal	0.169	0.165	0.169	0.177	0.172	0.170	0.168	0.165	0.161	0.161	0.161	0.160	0.160
Coal-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Net Coal Coke Imports	-0.018	-0.025	-0.012	-0.028	-0.012	-0.012	-0.012	-0.012	-0.011	-0.011	-0.011	-0.011	-0.010
Coal Subtotal	0.222	0.210	0.229	0.224	0.233	0.231	0.228	0.224	0.220	0.220	0.220	0.221	0.222
Biofuels Heat and Coproducts	0.002	0.005	0.003	0.009	0.008	0.014	0.008	0.012	0.046	0.067	0.077	0.082	0.092
Renewable Energy 7/	0.323	0.334	0.347	0.355	0.323	0.332	0.338	0.341	0.342	0.345	0.349	0.354	0.357
Electricity	0.438	0.440	0.446	0.447	0.419	0.429	0.438	0.442	0.444	0.444	0.445	0.446	0.446
Delivered Energy	2.063	2.088	2.116	2.140	2.054	2.093	2.111	2.115	2.140	2.160	2.174	2.180	2.188
Electricity Related Losses	1.036	1.079	1.165	1.177	1.085	1.112	1.126	1.142	1.149	1.160	1.169	1.172	1.182
Total	3.100	3.167	3.282	3.316	3.139	3.205	3.237	3.257	3.289	3.320	3.343	3.352	3.371

Table 6. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)-East South Central - 06

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Transportation													
Liquefied Petroleum Gases	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
E85 8/	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Motor Gasoline 2/	1.169	1.181	1.189	1.191	1.197	1.205	1.213	1.223	1.231	1.238	1.242	1.245	1.246
Jet Fuel 9/	0.143	0.155	0.155	0.159	0.162	0.167	0.173	0.177	0.179	0.182	0.185	0.188	0.191
Distillate Fuel Oil 10/	0.545	0.563	0.571	0.568	0.574	0.591	0.607	0.617	0.624	0.629	0.635	0.642	0.647
Residual Fuel Oil	0.021	0.021	0.023	0.022	0.022	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.021
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Other Petroleum 11/	0.014	0.014	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013
Liquid Fuels and Other Petroleum Subtotal	1.893	1.934	1.952	1.955	1.969	1.999	2.028	2.053	2.070	2.084	2.098	2.111	2.120
Pipeline Fuel Natural Gas	0.055	0.055	0.064	0.063	0.064	0.065	0.066	0.068	0.067	0.067	0.068	0.069	0.069
Compressed Natural Gas	0.001	0.002	0.002	0.002	0.003	0.003	0.004	0.004	0.005	0.005	0.006	0.006	0.006
Electricity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Delivered Energy	1.950	1.991	2.018	2.020	2.037	2.067	2.098	2.125	2.142	2.157	2.171	2.186	2.195
Electricity Related Losses	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total	1.950	1.991	2.018	2.020	2.037	2.067	2.098	2.125	2.142	2.157	2.171	2.186	2.195
Delivered Energy Consumption, All Sectors													
Liquefied Petroleum Gases	0.082	0.078	0.079	0.083	0.080	0.079	0.079	0.079	0.078	0.078	0.077	0.077	0.077
E85 8/	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Motor Gasoline 2/	1.202	1.215	1.223	1.225	1.230	1.239	1.247	1.257	1.265	1.271	1.276	1.279	1.280
Jet Fuel 9/	0.143	0.155	0.155	0.159	0.162	0.167	0.173	0.177	0.179	0.182	0.185	0.188	0.191
Kerosene	0.005	0.004	0.004	0.005	0.004	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Distillate Fuel Oil	0.682	0.702	0.712	0.712	0.710	0.728	0.746	0.755	0.760	0.765	0.772	0.780	0.784
Residual Fuel Oil	0.029	0.029	0.031	0.031	0.031	0.030	0.029	0.029	0.028	0.028	0.029	0.029	0.028
Petrochemical Feedstocks	0.098	0.098	0.089	0.090	0.093	0.096	0.098	0.100	0.102	0.102	0.102	0.102	0.101
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Other Petroleum 12/	0.319	0.330	0.319	0.323	0.297	0.315	0.318	0.316	0.315	0.314	0.313	0.312	0.310
Liquid Fuels and Other Petroleum Subtotal	2.561	2.611	2.613	2.628	2.607	2.658	2.695	2.718	2.733	2.745	2.760	2.772	2.777
Natural Gas	0.793	0.768	0.789	0.798	0.816	0.806	0.816	0.822	0.823	0.826	0.828	0.830	0.830
Natural-Gas-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Lease and Plant Fuel 6/	0.027	0.028	0.023	0.025	0.027	0.028	0.029	0.029	0.028	0.028	0.028	0.028	0.027
Pipeline Natural Gas	0.055	0.055	0.064	0.063	0.064	0.065	0.066	0.068	0.067	0.067	0.068	0.069	0.069
Natural Gas Subtotal	0.875	0.851	0.876	0.886	0.907	0.900	0.911	0.919	0.918	0.921	0.923	0.926	0.926
Metallurgical Coal	0.071	0.070	0.072	0.075	0.074	0.073	0.073	0.071	0.070	0.070	0.071	0.072	0.073
Other Coal	0.177	0.172	0.175	0.184	0.179	0.177	0.175	0.171	0.168	0.168	0.167	0.167	0.166
Coal-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Net Coal Coke Imports	-0.018	-0.025	-0.012	-0.028	-0.012	-0.012	-0.012	-0.012	-0.011	-0.011	-0.011	-0.011	-0.010
Coal Subtotal	0.229	0.217	0.235	0.231	0.240	0.237	0.235	0.231	0.227	0.226	0.227	0.228	0.228
Biofuels Heat and Coproducts	0.002	0.005	0.003	0.009	0.008	0.014	0.008	0.012	0.046	0.067	0.077	0.082	0.092
Renewable Energy 13/	0.358	0.367	0.381	0.394	0.360	0.367	0.373	0.375	0.376	0.379	0.384	0.388	0.391
Electricity	1.120	1.123	1.157	1.149	1.142	1.163	1.180	1.195	1.197	1.206	1.217	1.230	1.239
Delivered Energy	5.146	5.173	5.264	5.298	5.264	5.339	5.402	5.450	5.497	5.545	5.588	5.626	5.654
Electricity Related Losses	2.649	2.755	3.024	3.024	2.958	3.011	3.035	3.091	3.100	3.154	3.197	3.230	3.282
Total	7.795	7.929	8.288	8.322	8.222	8.350	8.437	8.541	8.597	8.699	8.786	8.856	8.937
Electric Power 14/													
Distillate Fuel Oil	0.020	0.042	0.018	0.018	0.018	0.018	0.016	0.017	0.017	0.016	0.016	0.016	0.016
Residual Fuel Oil	0.041	0.003	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Liquid Fuels and Other Petroleum Subtotal	0.061	0.044	0.019	0.019	0.019	0.019	0.017	0.018	0.018	0.017	0.017	0.017	0.017
Natural Gas	0.271	0.312	0.570	0.556	0.465	0.503	0.483	0.491	0.460	0.460	0.472	0.481	0.475
Steam Coal	2.469	2.550	2.577	2.553	2.572	2.605	2.649	2.693	2.706	2.751	2.789	2.816	2.831
Nuclear Power	0.722	0.719	0.785	0.812	0.805	0.805	0.824	0.840	0.859	0.873	0.873	0.873	0.915
Renewable Energy 15/	0.246	0.253	0.230	0.232	0.238	0.241	0.241	0.243	0.230	0.258	0.263	0.272	0.282
Electricity Imports	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total 16/	3.769	3.878	4.181	4.173	4.099	4.173	4.215	4.286	4.296	4.360	4.415	4.460	4.521

Table 6. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)-East South Central - 06

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Total Energy Consumption													
Liquefied Petroleum Gases	0.082	0.078	0.079	0.083	0.080	0.079	0.079	0.079	0.078	0.078	0.077	0.077	0.077
E85 8/	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Motor Gasoline 2/	1.202	1.215	1.223	1.225	1.230	1.239	1.247	1.257	1.265	1.271	1.276	1.279	1.280
Jet Fuel 9/	0.143	0.155	0.155	0.159	0.162	0.167	0.173	0.177	0.179	0.182	0.185	0.188	0.191
Kerosene	0.005	0.004	0.004	0.005	0.004	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Distillate Fuel Oil	0.702	0.744	0.730	0.731	0.729	0.746	0.762	0.772	0.776	0.781	0.788	0.796	0.800
Residual Fuel Oil	0.070	0.032	0.032	0.032	0.031	0.031	0.030	0.030	0.029	0.029	0.030	0.030	0.029
Petrochemical Feedstocks	0.098	0.098	0.089	0.090	0.093	0.096	0.098	0.100	0.102	0.102	0.102	0.102	0.101
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Other Petroleum 12/	0.319	0.330	0.319	0.323	0.297	0.315	0.318	0.316	0.315	0.314	0.313	0.312	0.310
Liquid Fuels and Other Petroleum Subtotal	2.622	2.655	2.632	2.648	2.627	2.677	2.712	2.735	2.750	2.763	2.777	2.789	2.794
Natural Gas	1.064	1.080	1.359	1.354	1.281	1.309	1.300	1.313	1.282	1.285	1.299	1.311	1.306
Natural-Gas-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Lease and Plant Fuel 6/	0.027	0.028	0.023	0.025	0.027	0.028	0.029	0.029	0.028	0.028	0.028	0.028	0.027
Pipeline Natural Gas	0.055	0.055	0.064	0.063	0.064	0.065	0.066	0.068	0.067	0.067	0.068	0.069	0.069
Natural Gas Subtotal	1.146	1.163	1.446	1.442	1.373	1.402	1.395	1.410	1.378	1.380	1.395	1.407	1.402
Metallurgical Coal	0.071	0.070	0.072	0.075	0.074	0.073	0.073	0.071	0.070	0.070	0.071	0.072	0.073
Other Coal	2.646	2.721	2.752	2.737	2.751	2.782	2.823	2.865	2.874	2.919	2.956	2.982	2.997
Coal-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Net Coal Coke Imports	-0.018	-0.025	-0.012	-0.028	-0.012	-0.012	-0.012	-0.012	-0.011	-0.011	-0.011	-0.011	-0.010
Coal Subtotal	2.699	2.766	2.812	2.784	2.812	2.843	2.884	2.924	2.932	2.978	3.016	3.043	3.059
Nuclear Power	0.722	0.719	0.785	0.812	0.805	0.805	0.824	0.840	0.859	0.873	0.873	0.873	0.915
Biofuels Heat and Coproducts	0.002	0.005	0.003	0.009	0.008	0.014	0.008	0.012	0.046	0.067	0.077	0.082	0.092
Renewable Energy 17/	0.603	0.620	0.610	0.626	0.598	0.608	0.614	0.619	0.630	0.637	0.647	0.660	0.674
Electricity Imports	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total	7.795	7.929	8.288	8.322	8.222	8.350	8.437	8.541	8.597	8.699	8.786	8.856	8.937
Energy Use & Related Statistics													
Delivered Energy Use	5.146	5.173	5.264	5.298	5.264	5.339	5.402	5.450	5.497	5.545	5.588	5.626	5.654
Total Energy Use	7.795	7.929	8.288	8.322	8.222	8.350	8.437	8.541	8.597	8.699	8.786	8.856	8.937
Population (millions)	17.680	17.786	17.886	17.984	18.080	18.176	18.270	18.365	18.458	18.550	18.641	18.732	18.821
Carbon Dioxide Emissions (million metric tons)	486.30	493.91	512.35	509.59	506.84	513.65	519.07	525.36	525.68	530.75	536.06	540.30	542.08

Table 6. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)-East South Central - 06

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2006-2030
Residential														
Liquefied Petroleum Gases	0.037	0.037	0.037	0.037	0.038	0.038	0.038	0.038	0.038	0.038	0.038	0.038	0.038	0.3%
Kerosene	0.004	0.004	0.004	0.004	0.004	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	2.2%
Distillate Fuel Oil	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	-0.3%
Liquid Fuels and Other Petroleum Subtotal	0.044	0.044	0.045	0.045	0.045	0.045	0.045	0.045	0.045	0.046	0.046	0.046	0.046	0.4%
Natural Gas	0.215	0.216	0.218	0.219	0.219	0.220	0.221	0.221	0.221	0.222	0.222	0.221	0.221	1.0%
Coal	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	-0.4%
Renewable Energy 1/	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.1%
Electricity	0.454	0.458	0.461	0.464	0.468	0.473	0.478	0.482	0.488	0.493	0.499	0.503	0.508	1.0%
Delivered Energy	0.745	0.750	0.755	0.758	0.763	0.769	0.776	0.779	0.785	0.791	0.798	0.801	0.805	0.9%
Electricity Related Losses	1.238	1.308	1.375	1.428	1.482	1.534	1.578	1.611	1.645	1.687	1.725	1.747	1.770	2.5%
Total	1.983	2.058	2.130	2.186	2.245	2.302	2.354	2.390	2.431	2.478	2.523	2.548	2.576	1.9%
Commercial														
Liquefied Petroleum Gases	0.006	0.006	0.006	0.006	0.006	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.9%
Motor Gasoline 2/	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.4%
Kerosene	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.7%
Distillate Fuel Oil	0.018	0.018	0.018	0.018	0.018	0.018	0.019	0.019	0.019	0.019	0.019	0.019	0.019	0.2%
Residual Fuel Oil	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-1.0%
Liquid Fuels and Other Petroleum Subtotal	0.026	0.026	0.026	0.026	0.026	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.4%
Natural Gas	0.155	0.156	0.158	0.159	0.161	0.162	0.163	0.164	0.166	0.167	0.168	0.170	0.171	1.1%
Coal	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	-0.1%
Renewable Energy 3/	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.0%
Electricity	0.348	0.354	0.359	0.365	0.370	0.376	0.382	0.388	0.394	0.400	0.405	0.411	0.417	1.6%
Delivered Energy	0.539	0.546	0.552	0.560	0.567	0.574	0.581	0.589	0.596	0.603	0.610	0.618	0.625	1.4%
Electricity Related Losses	0.949	1.010	1.070	1.124	1.173	1.221	1.260	1.295	1.329	1.368	1.402	1.429	1.454	3.1%
Total	1.488	1.556	1.623	1.683	1.740	1.796	1.842	1.884	1.925	1.971	2.012	2.046	2.078	2.5%
Industrial 4/														
Liquefied Petroleum Gases	0.032	0.031	0.031	0.031	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.029	-0.8%
Motor Gasoline 2/	0.033	0.033	0.033	0.033	0.033	0.033	0.033	0.033	0.033	0.033	0.034	0.034	0.034	0.1%
Distillate Fuel Oil	0.116	0.115	0.115	0.115	0.114	0.114	0.114	0.115	0.115	0.116	0.116	0.116	0.116	0.0%
Residual Fuel Oil	0.007	0.007	0.007	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	-0.8%
Petrochemical Feedstocks	0.100	0.099	0.098	0.097	0.097	0.097	0.096	0.096	0.096	0.095	0.095	0.095	0.094	-0.2%
Other Petroleum 5/	0.297	0.296	0.294	0.293	0.295	0.294	0.294	0.296	0.298	0.301	0.303	0.304	0.307	-0.1%
Liquid Fuels and Other Petroleum Subtotal	0.585	0.581	0.577	0.575	0.576	0.574	0.574	0.576	0.579	0.582	0.583	0.584	0.587	-0.2%
Natural Gas	0.454	0.453	0.454	0.456	0.456	0.455	0.455	0.455	0.455	0.455	0.453	0.452	0.451	-0.1%
Natural-Gas-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	--
Lease and Plant Fuel 6/	0.027	0.027	0.026	0.025	0.025	0.025	0.025	0.024	0.024	0.024	0.024	0.024	0.024	-0.8%
Natural Gas Subtotal	0.481	0.479	0.480	0.481	0.481	0.480	0.479	0.479	0.479	0.479	0.477	0.476	0.475	-0.1%
Metalurgical Coal	0.073	0.074	0.075	0.076	0.076	0.077	0.077	0.078	0.078	0.078	0.078	0.078	0.077	0.4%
Other Industrial Coal	0.159	0.159	0.159	0.159	0.159	0.158	0.158	0.158	0.158	0.158	0.157	0.157	0.157	-0.2%
Coal-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	--
Net Coal Coke Imports	-0.010	-0.010	-0.010	-0.010	-0.009	-0.009	-0.009	-0.009	-0.009	-0.008	-0.008	-0.008	-0.008	-4.7%
Coal Subtotal	0.222	0.223	0.224	0.225	0.226	0.226	0.226	0.227	0.227	0.228	0.227	0.227	0.227	0.3%
Biofuels Heat and Coproducts	0.099	0.100	0.120	0.170	0.221	0.221	0.217	0.213	0.201	0.200	0.196	0.193	0.201	16.9%
Renewable Energy 7/	0.361	0.365	0.370	0.374	0.378	0.383	0.387	0.392	0.397	0.401	0.405	0.409	0.413	0.9%
Electricity	0.446	0.444	0.444	0.443	0.443	0.443	0.443	0.444	0.445	0.446	0.445	0.445	0.445	0.1%
Delivered Energy	2.195	2.193	2.215	2.269	2.324	2.325	2.326	2.331	2.328	2.335	2.334	2.334	2.348	0.5%
Electricity Related Losses	1.216	1.270	1.323	1.365	1.403	1.437	1.462	1.483	1.501	1.525	1.539	1.546	1.553	1.5%
Total	3.411	3.463	3.538	3.635	3.727	3.763	3.788	3.814	3.829	3.860	3.873	3.880	3.901	0.9%

Table 6. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)-East South Central - 06

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2006-2030
Transportation														
Liquefied Petroleum Gases	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	-0.1%
E85 8/	0.000	0.000	0.000	0.052	0.059	0.089	0.107	0.126	0.120	0.121	0.121	0.116	0.124	37.3%
Motor Gasoline 2/	1.244	1.236	1.226	1.155	1.139	1.094	1.065	1.035	1.038	1.033	1.030	1.033	1.022	-0.6%
Jet Fuel 9/	0.194	0.196	0.199	0.202	0.205	0.207	0.210	0.213	0.215	0.218	0.220	0.223	0.225	1.6%
Distillate Fuel Oil 10/	0.653	0.659	0.666	0.674	0.681	0.689	0.697	0.705	0.714	0.723	0.732	0.740	0.750	1.2%
Residual Fuel Oil	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.021	-0.1%
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	44.8%
Other Petroleum 11/	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	-0.2%
Liquid Fuels and Other Petroleum Subtotal	2.126	2.127	2.127	2.117	2.118	2.114	2.114	2.123	2.130	2.130	2.139	2.148	2.157	0.5%
Pipeline Fuel Natural Gas	0.069	0.069	0.068	0.067	0.067	0.066	0.066	0.065	0.066	0.066	0.066	0.066	0.066	0.8%
Compressed Natural Gas	0.006	0.007	0.007	0.007	0.007	0.007	0.008	0.008	0.008	0.008	0.008	0.008	0.008	6.8%
Electricity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.8%
Delivered Energy	2.201	2.203	2.202	2.191	2.193	2.188	2.188	2.188	2.196	2.204	2.213	2.222	2.231	0.5%
Electricity Related Losses	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.7%
Total	2.201	2.203	2.202	2.191	2.193	2.188	2.188	2.188	2.197	2.204	2.213	2.222	2.231	0.5%
Delivered Energy Consumption, All Sectors														
Liquefied Petroleum Gases	0.076	0.076	0.076	0.076	0.076	0.076	0.076	0.076	0.076	0.076	0.076	0.076	0.075	-0.1%
E85 8/	0.000	0.000	0.000	0.052	0.059	0.089	0.107	0.126	0.120	0.121	0.121	0.116	0.124	37.3%
Motor Gasoline 2/	1.277	1.270	1.260	1.188	1.172	1.128	1.099	1.072	1.067	1.065	1.068	1.068	1.057	-0.6%
Jet Fuel 9/	0.194	0.196	0.199	0.202	0.205	0.207	0.210	0.213	0.215	0.218	0.220	0.223	0.225	1.6%
Kerosene	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	1.7%
Distillate Fuel Oil	0.790	0.796	0.802	0.810	0.817	0.824	0.833	0.841	0.851	0.860	0.869	0.878	0.888	1.0%
Residual Fuel Oil	0.028	0.028	0.028	0.028	0.028	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	-0.3%
Petrochemical Feedstocks	0.100	0.099	0.098	0.097	0.097	0.097	0.096	0.096	0.096	0.095	0.095	0.095	0.094	-0.2%
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	44.8%
Other Petroleum 12/	0.310	0.308	0.306	0.306	0.307	0.306	0.306	0.308	0.310	0.313	0.315	0.316	0.319	-0.1%
Liquid Fuels and Other Petroleum Subtotal	2.781	2.778	2.775	2.763	2.765	2.760	2.760	2.774	2.785	2.795	2.806	2.817	2.817	0.3%
Natural Gas	0.831	0.832	0.837	0.841	0.843	0.844	0.846	0.847	0.850	0.851	0.852	0.851	0.852	0.4%
Natural-Gas-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	--
Lease and Plant Fuel 6/	0.027	0.027	0.026	0.025	0.025	0.025	0.025	0.024	0.024	0.024	0.024	0.024	0.024	-0.8%
Pipeline Natural Gas	0.069	0.069	0.068	0.067	0.067	0.066	0.066	0.065	0.066	0.066	0.066	0.066	0.066	0.8%
Natural Gas Subtotal	0.927	0.928	0.931	0.933	0.935	0.935	0.937	0.937	0.940	0.941	0.942	0.941	0.941	0.4%
Metallurgical Coal	0.073	0.074	0.075	0.076	0.076	0.077	0.077	0.078	0.078	0.078	0.078	0.078	0.077	0.4%
Other Coal	0.166	0.166	0.166	0.165	0.165	0.165	0.165	0.165	0.164	0.164	0.164	0.164	0.164	-0.2%
Coal-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	--
Net Coal Coke Imports	-0.010	-0.010	-0.010	-0.010	-0.009	-0.009	-0.009	-0.009	-0.009	-0.008	-0.008	-0.008	-0.008	-4.7%
Coal Subtotal	0.229	0.230	0.231	0.231	0.232	0.233	0.233	0.234	0.234	0.234	0.234	0.234	0.233	0.3%
Biofuels Heat and Coproducts	0.099	0.100	0.120	0.170	0.221	0.221	0.217	0.213	0.201	0.200	0.196	0.193	0.201	16.9%
Renewable Energy 13/	0.395	0.399	0.404	0.408	0.412	0.416	0.421	0.426	0.431	0.435	0.439	0.443	0.447	0.8%
Electricity	1.248	1.256	1.264	1.272	1.281	1.292	1.304	1.314	1.326	1.338	1.349	1.359	1.370	0.8%
Delivered Energy	5.679	5.691	5.724	5.778	5.847	5.856	5.871	5.887	5.906	5.933	5.955	5.974	6.009	0.6%
Electricity Related Losses	3.404	3.589	3.769	3.917	4.057	4.193	4.301	4.389	4.475	4.580	4.666	4.722	4.777	2.3%
Total	9.083	9.280	9.493	9.696	9.905	10.049	10.172	10.275	10.381	10.513	10.621	10.696	10.786	1.3%
Electric Power 14/														
Distillate Fuel Oil	0.015	0.015	0.016	0.018	0.019	0.020	0.020	0.020	0.020	0.022	0.023	0.025	0.025	-2.2%
Residual Fuel Oil	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	-4.2%
Liquid Fuels and Other Petroleum Subtotal	0.016	0.016	0.017	0.019	0.020	0.021	0.021	0.021	0.021	0.023	0.024	0.025	0.025	-2.3%
Natural Gas	0.465	0.441	0.393	0.317	0.315	0.316	0.323	0.315	0.325	0.324	0.340	0.332	0.325	0.2%
Steam Coal	2.832	2.858	2.866	3.033	3.172	3.315	3.429	3.536	3.623	3.740	3.818	3.889	3.961	1.9%
Nuclear Power	1.045	1.227	1.454	1.516	1.530	1.530	1.530	1.530	1.530	1.530	1.530	1.530	1.530	3.2%
Renewable Energy 15/	0.294	0.302	0.303	0.304	0.301	0.301	0.301	0.300	0.300	0.300	0.303	0.303	0.304	0.8%
Electricity Imports	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	--
Total 16/	4.652	4.844	5.033	5.189	5.339	5.485	5.605	5.703	5.802	5.918	6.016	6.081	6.147	1.9%

Table 6. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)-East South Central - 06

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2006-2030
Total Energy Consumption														
Liquefied Petroleum Gases	0.076	0.076	0.076	0.076	0.076	0.076	0.076	0.076	0.076	0.076	0.076	0.076	0.075	-0.1%
E85 8/	0.000	0.000	0.000	0.052	0.059	0.089	0.107	0.126	0.120	0.121	0.121	0.116	0.124	37.3%
Motor Gasoline 2/	1.277	1.270	1.260	1.188	1.172	1.128	1.099	1.069	1.072	1.067	1.065	1.068	1.057	-0.6%
Jet Fuel 9/	0.194	0.196	0.199	0.202	0.205	0.207	0.210	0.213	0.215	0.218	0.220	0.223	0.225	1.6%
Kerosene	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	1.7%
Distillate Fuel Oil	0.804	0.811	0.818	0.828	0.836	0.844	0.853	0.862	0.871	0.882	0.893	0.903	0.913	0.9%
Residual Fuel Oil	0.029	0.029	0.029	0.028	0.028	0.028	0.028	0.028	0.028	0.028	0.028	0.028	0.028	-0.5%
Petrochemical Feedstocks	0.100	0.099	0.098	0.097	0.097	0.097	0.096	0.096	0.096	0.095	0.095	0.095	0.094	-0.2%
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	44.8%
Other Petroleum 12/	0.310	0.308	0.306	0.306	0.307	0.306	0.306	0.308	0.310	0.313	0.315	0.316	0.319	-0.1%
Liquid Fuels and Other Petroleum Subtotal	2.796	2.795	2.792	2.782	2.786	2.781	2.781	2.784	2.795	2.807	2.819	2.831	2.843	0.3%
Natural Gas	1.296	1.273	1.230	1.158	1.158	1.160	1.169	1.163	1.175	1.176	1.191	1.183	1.176	0.4%
Natural-Gas-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	--
Lease and Plant Fuel 6/	0.027	0.027	0.026	0.025	0.025	0.025	0.025	0.024	0.024	0.024	0.024	0.024	0.024	-0.8%
Pipeline Natural Gas	0.069	0.069	0.068	0.067	0.067	0.066	0.066	0.065	0.066	0.066	0.066	0.066	0.066	0.8%
Natural Gas Subtotal	1.393	1.369	1.324	1.250	1.250	1.251	1.259	1.252	1.265	1.266	1.281	1.273	1.266	0.4%
Metallurgical Coal	0.073	0.074	0.075	0.076	0.076	0.077	0.077	0.078	0.078	0.078	0.078	0.078	0.077	0.4%
Other Coal	2.998	3.023	3.031	3.199	3.337	3.480	3.594	3.700	3.787	3.904	3.982	4.053	4.125	1.7%
Coal-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	--
Net Coal Coke Imports	-0.010	-0.010	-0.010	-0.010	-0.009	-0.009	-0.009	-0.009	-0.009	-0.008	-0.008	-0.008	-0.008	-4.7%
Coal Subtotal	3.061	3.087	3.096	3.265	3.404	3.548	3.662	3.769	3.857	3.974	4.052	4.123	4.195	1.7%
Nuclear Power	1.045	1.227	1.454	1.516	1.530	1.530	1.530	1.530	1.530	1.530	1.530	1.530	1.530	3.2%
Biofuels Heat and Coproducts	0.099	0.100	0.120	0.170	0.221	0.221	0.217	0.213	0.201	0.200	0.196	0.193	0.201	16.9%
Renewable Energy 17/	0.689	0.701	0.707	0.712	0.713	0.718	0.722	0.726	0.732	0.735	0.742	0.745	0.751	0.8%
Electricity Imports	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	--
Total	9.083	9.280	9.493	9.696	9.905	10.049	10.172	10.275	10.381	10.513	10.621	10.696	10.786	1.3%
Energy Use & Related Statistics														
Delivered Energy Use	5.679	5.691	5.724	5.778	5.847	5.856	5.871	5.887	5.906	5.933	5.955	5.974	6.009	0.6%
Total Energy Use	9.083	9.280	9.493	9.696	9.905	10.049	10.172	10.275	10.381	10.513	10.621	10.696	10.786	1.3%
Population (millions)	18.910	18.999	19.088	19.177	19.267	19.357	19.449	19.542	19.635	19.728	19.822	19.917	20.012	0.5%
Carbon Dioxide Emissions (million metric tons)	542.02	543.56	541.98	550.96	564.34	576.72	587.46	596.70	606.74	618.79	627.81	635.01	642.02	1.1%

Table 6. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)-East South Central - 06

1/ Includes wood used for residential heating. See Table 4 and/or Table 17 for estimates of nonmarketed renewable energy consumption for geothermal heat pumps, solar thermal hot water heating, and solar photovoltaic electricity generation.

2/ Includes ethanol (blends of 10 percent or less) and ethers blended into gasoline.

3/ Includes commercial sector consumption of wood and wood waste, landfill gas, municipal solid waste, and other biomass for combined heat and power.

4/ Includes energy for combined heat and power plants, except those whose primary business is to sell electricity, or electricity and heat, to the public.

5/ Includes petroleum coke, asphalt, road oil, lubricants, still gas, and miscellaneous petroleum products.

6/ Represents natural gas used in well, field, and lease operations, and in natural gas processing plant machinery.

7/ Includes consumption of energy produced from hydroelectric, wood and wood waste, municipal solid waste, and other biomass sources.

8/ E85 refers to a blend of 85 percent ethanol (renewable) and 15 percent motor gasoline (nonrenewable). To address cold starting issues, the percentage of ethanol varies seasonally. The annual average ethanol content of 74 percent is used for this forecast.

9/ Includes only kerosene type.

10/ Diesel fuel for on- and off- road use.

11/ Includes aviation gasoline and lubricants.

12/ Includes unfinished oils, natural gasoline, motor gasoline blending components, aviation gasoline, lubricants, still gas, asphalt, road oil, petroleum coke, and miscellaneous petroleum products.

13/ Includes electricity generated for sale to the grid and for own use from renewable sources, and non-electric energy from renewable sources. Excludes nonmarketed renewable energy consumption for geothermal heat pumps, buildings photovoltaic systems, and solar thermal hot water heaters.

14/ Includes consumption of energy by electricity-only and combined heat and power plants whose primary business is to sell electricity, or electricity and heat, to the public. Includes small power producers and exempt wholesale generators.

15/ Includes conventional hydroelectric, geothermal, wood and wood waste, biogenic municipal solid waste, other biomass, petroleum coke, wind, photovoltaic and solar thermal sources. Excludes net electricity imports.

16/ Includes non-biogenic municipal waste not included above.

17/ Includes hydroelectric, geothermal, wood and wood waste, biogenic municipal solid waste, other biomass, wind, photovoltaic and solar thermal sources. Includes ethanol components of E85; excludes ethanol blends (10 percent or less) in motor gasoline. Excludes net electricity imports and nonmarketed renewable energy consumption for geothermal heat pumps, buildings photovoltaic systems, and solar thermal hot water heaters.

Btu = British thermal unit.

-- = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Data for 2005 and 2006 are model results and may differ slightly from official EIA data reports. Consumption values of 0.00 are values that round to 0.00, because they are less than 0.005.

Sources: 2005 and 2006 consumption based on: Energy Information Administration (EIA), Annual Energy Review 2006, DOE/EIA-0384(2006) (Washington, DC, June 2007). 2005 and 2006 population and gross domestic product: Global Insight, Global Insight Industry and Employment models, July 2007. 2005 and 2006 carbon dioxide emissions: EIA, Emissions of Greenhouse Gases in the United States 2006, DOE/EIA-0573(2006) (Washington, DC, December 2007). Projections: EIA, AEO2008 National Energy Modeling System run aeo2008.d030208f.

Table 7. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)-West South Central - 07

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Residential													
Liquefied Petroleum Gases	0.058	0.053	0.059	0.058	0.057	0.056	0.057	0.057	0.057	0.057	0.058	0.058	0.058
Kerosene	0.001	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000
Distillate Fuel Oil	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Liquid Fuels and Other Petroleum Subtotal	0.059	0.053	0.060	0.058	0.057	0.057	0.057	0.057	0.058	0.058	0.058	0.058	0.059
Natural Gas	0.327	0.293	0.342	0.324	0.348	0.346	0.350	0.356	0.358	0.362	0.366	0.370	0.372
Coal	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Renewable Energy 1/	0.029	0.025	0.034	0.033	0.032	0.031	0.030	0.030	0.030	0.030	0.029	0.029	0.029
Electricity	0.661	0.661	0.656	0.669	0.681	0.694	0.703	0.714	0.705	0.711	0.717	0.727	0.733
Delivered Energy	1.076	1.033	1.093	1.085	1.119	1.127	1.141	1.157	1.151	1.160	1.170	1.185	1.193
Electricity Related Losses	1.384	1.413	1.399	1.408	1.416	1.425	1.434	1.448	1.407	1.402	1.417	1.429	1.434
Total	2.460	2.446	2.492	2.493	2.535	2.553	2.575	2.605	2.558	2.562	2.588	2.613	2.627
Commercial													
Liquefied Petroleum Gases	0.009	0.008	0.009	0.008	0.008	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009
Motor Gasoline 2/	0.011	0.012	0.011	0.011	0.012	0.011	0.011	0.011	0.011	0.011	0.012	0.011	0.012
Kerosene	0.001	0.001	0.001	0.001	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Distillate Fuel Oil	0.017	0.017	0.017	0.017	0.014	0.015	0.015	0.015	0.016	0.016	0.017	0.017	0.017
Residual Fuel Oil	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Liquid Fuels and Other Petroleum Subtotal	0.038	0.037	0.038	0.038	0.034	0.035	0.036	0.037	0.037	0.038	0.038	0.039	0.039
Natural Gas	0.264	0.246	0.269	0.265	0.262	0.264	0.270	0.276	0.281	0.287	0.292	0.296	0.300
Coal	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Renewable Energy 3/	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
Electricity	0.550	0.556	0.572	0.586	0.587	0.596	0.609	0.621	0.634	0.648	0.662	0.675	0.688
Delivered Energy	0.856	0.843	0.883	0.894	0.887	0.900	0.920	0.939	0.957	0.977	0.996	1.015	1.031
Electricity Related Losses	1.153	1.187	1.218	1.232	1.219	1.225	1.242	1.260	1.265	1.280	1.308	1.328	1.345
Total	2.009	2.030	2.101	2.126	2.107	2.126	2.162	2.198	2.222	2.257	2.305	2.342	2.376
Industrial 4/													
Liquefied Petroleum Gases	1.708	1.724	1.753	1.775	1.751	1.733	1.711	1.679	1.650	1.629	1.610	1.588	1.568
Motor Gasoline 2/	0.056	0.057	0.057	0.057	0.056	0.056	0.057	0.057	0.056	0.056	0.056	0.057	0.056
Distillate Fuel Oil	0.194	0.198	0.202	0.204	0.198	0.199	0.201	0.199	0.195	0.194	0.195	0.195	0.195
Residual Fuel Oil	0.025	0.025	0.028	0.029	0.028	0.027	0.025	0.024	0.022	0.022	0.022	0.022	0.022
Petrochemical Feedstocks	0.763	0.760	0.693	0.699	0.718	0.741	0.763	0.778	0.794	0.792	0.791	0.788	0.785
Other Petroleum 5/	1.371	1.474	1.444	1.442	1.361	1.408	1.428	1.434	1.457	1.459	1.454	1.434	1.422
Liquid Fuels and Other Petroleum Subtotal	4.116	4.239	4.176	4.206	4.111	4.164	4.186	4.170	4.174	4.153	4.129	4.084	4.048
Natural Gas	2.519	2.424	2.503	2.500	2.667	2.687	2.715	2.720	2.728	2.720	2.709	2.696	2.684
Natural-Gas-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Lease and Plant Fuel 6/	0.515	0.545	0.508	0.497	0.510	0.519	0.516	0.515	0.512	0.507	0.507	0.507	0.505
Natural Gas Subtotal	3.034	2.969	3.011	2.996	3.177	3.207	3.231	3.235	3.240	3.227	3.216	3.203	3.189
Metallurgical Coal	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Other Industrial Coal	0.094	0.092	0.094	0.099	0.098	0.096	0.095	0.093	0.092	0.091	0.091	0.091	0.091
Coal-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.011	0.028	0.005	0.000	0.000	0.005	0.000
Net Coal Coke Imports	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Coal Subtotal	0.094	0.092	0.094	0.099	0.098	0.096	0.107	0.121	0.096	0.091	0.091	0.096	0.091
Biofuels Heat and Coproducts	0.001	0.002	0.002	0.028	0.014	0.014	0.014	0.014	0.029	0.047	0.047	0.048	0.053
Renewable Energy 7/	0.325	0.337	0.350	0.358	0.325	0.334	0.341	0.343	0.345	0.348	0.352	0.357	0.360
Electricity	0.534	0.523	0.534	0.514	0.524	0.540	0.552	0.558	0.562	0.563	0.564	0.564	0.563
Delivered Energy	8.104	8.161	8.167	8.201	8.249	8.355	8.429	8.441	8.446	8.429	8.400	8.353	8.304
Electricity Related Losses	1.119	1.118	1.139	1.081	1.090	1.109	1.126	1.130	1.122	1.111	1.115	1.108	1.101
Total	9.222	9.279	9.306	9.282	9.338	9.465	9.555	9.571	9.568	9.540	9.515	9.461	9.405

Table 7. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)-West South Central - 07

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Transportation													
Liquefied Petroleum Gases	0.002	0.002	0.002	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
E85 8/	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Motor Gasoline 2/	2.089	2.110	2.125	2.125	2.133	2.147	2.161	2.183	2.204	2.221	2.236	2.250	2.261
Jet Fuel 9/	0.658	0.683	0.694	0.711	0.729	0.754	0.782	0.805	0.818	0.833	0.848	0.865	0.881
Distillate Fuel Oil 10/	0.970	1.001	1.015	1.019	1.036	1.072	1.108	1.131	1.147	1.161	1.177	1.195	1.209
Residual Fuel Oil	0.219	0.220	0.235	0.232	0.230	0.228	0.226	0.227	0.228	0.228	0.229	0.230	0.231
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Other Petroleum 11/	0.030	0.030	0.028	0.028	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.030	0.030
Liquid Fuels and Other Petroleum Subtotal	3.969	4.046	4.100	4.118	4.159	4.233	4.308	4.378	4.428	4.475	4.523	4.573	4.615
Pipeline Fuel Natural Gas	0.168	0.166	0.153	0.149	0.155	0.159	0.160	0.162	0.161	0.162	0.164	0.165	0.165
Compressed Natural Gas	0.002	0.002	0.003	0.003	0.004	0.004	0.005	0.005	0.006	0.006	0.007	0.007	0.007
Electricity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001
Delivered Energy	4.139	4.214	4.256	4.270	4.317	4.396	4.474	4.546	4.595	4.643	4.694	4.746	4.788
Electricity Related Losses	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Total	4.140	4.215	4.257	4.271	4.318	4.397	4.475	4.547	4.596	4.644	4.695	4.747	4.789
Delivered Energy Consumption, All Sectors													
Liquefied Petroleum Gases	1.777	1.787	1.824	1.843	1.817	1.800	1.779	1.747	1.718	1.698	1.679	1.657	1.637
E85 8/	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Motor Gasoline 2/	2.156	2.179	2.193	2.193	2.200	2.215	2.230	2.252	2.271	2.289	2.304	2.318	2.329
Jet Fuel 9/	0.658	0.683	0.694	0.711	0.729	0.754	0.782	0.805	0.818	0.833	0.848	0.865	0.881
Kerosene	0.016	0.012	0.009	0.011	0.011	0.011	0.011	0.012	0.012	0.012	0.012	0.012	0.012
Distillate Fuel Oil	1.180	1.215	1.233	1.241	1.247	1.286	1.324	1.345	1.357	1.371	1.389	1.408	1.421
Residual Fuel Oil	0.244	0.246	0.263	0.261	0.258	0.255	0.251	0.251	0.250	0.250	0.252	0.253	0.253
Petrochemical Feedstocks	0.763	0.760	0.693	0.699	0.718	0.741	0.763	0.778	0.794	0.792	0.791	0.788	0.785
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Other Petroleum 12/	1.386	1.493	1.465	1.460	1.380	1.427	1.447	1.452	1.475	1.478	1.473	1.453	1.441
Liquid Fuels and Other Petroleum Subtotal	8.181	8.375	8.374	8.420	8.361	8.489	8.587	8.643	8.696	8.723	8.749	8.755	8.761
Natural Gas	3.112	2.966	3.117	3.092	3.281	3.302	3.341	3.357	3.373	3.375	3.373	3.370	3.363
Natural-Gas-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Lease and Plant Fuel 6/	0.515	0.545	0.508	0.497	0.510	0.519	0.516	0.515	0.512	0.507	0.507	0.507	0.505
Pipeline Natural Gas	0.168	0.166	0.153	0.149	0.155	0.159	0.160	0.162	0.161	0.162	0.164	0.165	0.165
Natural Gas Subtotal	3.795	3.676	3.778	3.737	3.945	3.980	4.016	4.034	4.046	4.044	4.044	4.042	4.033
Metallurgical Coal	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Other Coal	0.095	0.092	0.094	0.099	0.098	0.097	0.095	0.094	0.092	0.092	0.091	0.091	0.091
Coal-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.011	0.028	0.005	0.000	0.000	0.005	0.000
Net Coal Coke Imports	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Coal Subtotal	0.095	0.092	0.094	0.099	0.098	0.097	0.107	0.121	0.097	0.092	0.091	0.096	0.091
Biofuels Heat and Coproducts	0.001	0.002	0.002	0.028	0.014	0.014	0.014	0.014	0.029	0.047	0.047	0.048	0.053
Renewable Energy 13/	0.358	0.366	0.388	0.396	0.362	0.369	0.375	0.378	0.379	0.382	0.386	0.390	0.394
Electricity	1.746	1.741	1.763	1.770	1.793	1.830	1.865	1.893	1.902	1.922	1.944	1.967	1.985
Delivered Energy	14.175	14.251	14.400	14.450	14.572	14.779	14.965	15.083	15.149	15.210	15.261	15.298	15.316
Electricity Related Losses	3.656	3.719	3.756	3.722	3.725	3.761	3.802	3.838	3.796	3.794	3.842	3.866	3.881
Total	17.831	17.970	18.156	18.171	18.298	18.540	18.767	18.921	18.945	19.004	19.103	19.164	19.197

Table 7. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)-West South Central - 07

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Electric Power 14/													
Distillate Fuel Oil	0.007	0.035	0.015	0.015	0.016	0.016	0.017	0.018	0.018	0.019	0.023	0.023	0.024
Residual Fuel Oil	0.052	0.008	0.004	0.004	0.004	0.004	0.004	0.005	0.005	0.005	0.005	0.005	0.005
Liquid Fuels and Other Petroleum Subtotal	0.058	0.043	0.019	0.018	0.020	0.020	0.020	0.023	0.023	0.024	0.028	0.029	0.029
Natural Gas	2.101	2.106	2.181	2.153	2.168	2.188	2.176	2.128	2.060	2.051	2.104	2.144	2.130
Steam Coal	2.429	2.422	2.392	2.369	2.373	2.424	2.510	2.617	2.631	2.640	2.636	2.641	2.665
Nuclear Power	0.726	0.723	0.729	0.727	0.724	0.724	0.724	0.727	0.727	0.740	0.740	0.740	0.752
Renewable Energy 15/	0.086	0.166	0.201	0.225	0.236	0.236	0.237	0.238	0.257	0.263	0.277	0.279	0.289
Electricity Imports	-0.001	-0.003	-0.004	-0.004	-0.003	-0.002	-0.002	-0.002	-0.003	-0.003	-0.002	-0.002	-0.002
Total 16/	5.401	5.459	5.519	5.491	5.518	5.591	5.667	5.732	5.698	5.716	5.786	5.832	5.866
Total Energy Consumption													
Liquefied Petroleum Gases	1.777	1.787	1.824	1.843	1.817	1.800	1.779	1.747	1.718	1.698	1.679	1.657	1.637
E85 8/	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Motor Gasoline 2/	2.156	2.179	2.193	2.193	2.200	2.215	2.230	2.252	2.271	2.289	2.304	2.318	2.329
Jet Fuel 9/	0.658	0.683	0.694	0.711	0.729	0.754	0.782	0.805	0.818	0.833	0.848	0.865	0.881
Kerosene	0.016	0.012	0.009	0.011	0.011	0.011	0.011	0.012	0.012	0.012	0.012	0.012	0.012
Distillate Fuel Oil	1.187	1.250	1.249	1.255	1.263	1.302	1.341	1.364	1.376	1.390	1.412	1.431	1.445
Residual Fuel Oil	0.296	0.255	0.267	0.265	0.262	0.259	0.255	0.256	0.255	0.256	0.257	0.258	0.258
Petrochemical Feedstocks	0.763	0.760	0.693	0.699	0.718	0.741	0.763	0.778	0.794	0.792	0.791	0.788	0.785
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Other Petroleum 12/	1.386	1.493	1.465	1.460	1.380	1.427	1.447	1.452	1.475	1.478	1.473	1.453	1.441
Liquid Fuels and Other Petroleum Subtotal	8.239	8.418	8.393	8.438	8.380	8.509	8.608	8.666	8.720	8.747	8.777	8.784	8.790
Natural Gas	5.212	5.072	5.298	5.246	5.448	5.490	5.517	5.485	5.433	5.426	5.477	5.514	5.494
Natural-Gas-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Lease and Plant Fuel 6/	0.515	0.545	0.508	0.497	0.510	0.519	0.516	0.515	0.512	0.507	0.507	0.507	0.505
Pipeline Natural Gas	0.168	0.166	0.153	0.149	0.155	0.159	0.160	0.162	0.161	0.162	0.164	0.165	0.165
Natural Gas Subtotal	5.895	5.782	5.959	5.891	6.113	6.168	6.192	6.162	6.106	6.094	6.148	6.186	6.163
Metallurgical Coal	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Other Coal	2.524	2.514	2.486	2.468	2.471	2.521	2.605	2.710	2.723	2.731	2.728	2.732	2.756
Coal-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.011	0.028	0.005	0.000	0.000	0.005	0.000
Net Coal Coke Imports	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Coal Subtotal	2.524	2.514	2.486	2.468	2.471	2.521	2.617	2.738	2.727	2.731	2.728	2.737	2.756
Nuclear Power	0.726	0.723	0.729	0.727	0.724	0.724	0.724	0.727	0.727	0.740	0.740	0.740	0.752
Biofuels Heat and Coproducts	0.001	0.002	0.002	0.028	0.014	0.014	0.014	0.014	0.029	0.047	0.047	0.048	0.053
Renewable Energy 17/	0.445	0.532	0.589	0.621	0.597	0.605	0.613	0.615	0.636	0.645	0.663	0.670	0.683
Electricity Imports	-0.001	-0.003	-0.004	-0.004	-0.003	-0.002	-0.002	-0.002	-0.003	-0.003	-0.002	-0.002	-0.002
Total	17.831	17.970	18.156	18.171	18.298	18.540	18.767	18.921	18.945	19.004	19.103	19.164	19.197
Energy Use & Related Statistics													
Delivered Energy Use	14.175	14.251	14.400	14.450	14.572	14.779	14.965	15.083	15.149	15.210	15.261	15.298	15.316
Total Energy Use	17.831	17.970	18.156	18.171	18.298	18.540	18.767	18.921	18.945	19.004	19.103	19.164	19.197
Population (millions)	33.816	34.251	34.678	35.103	35.527	35.950	36.375	36.804	37.238	37.675	38.116	38.560	39.008
Carbon Dioxide Emissions (million metric tons)	986.39	985.25	1000.39	995.36	1003.62	1018.47	1035.60	1050.88	1051.70	1054.04	1059.71	1064.91	1067.63

Table 7. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)-West South Central - 07

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2006-2030
Residential														
Liquefied Petroleum Gases	0.058	0.059	0.059	0.059	0.060	0.060	0.060	0.060	0.061	0.061	0.062	0.062	0.062	0.7%
Kerosene	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.9%
Distillate Fuel Oil	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	17.1%
Liquid Fuels and Other Petroleum Subtotal	0.059	0.059	0.060	0.060	0.060	0.060	0.061	0.061	0.061	0.062	0.062	0.062	0.063	0.7%
Natural Gas	0.374	0.376	0.379	0.379	0.380	0.381	0.382	0.381	0.382	0.382	0.382	0.380	0.379	1.1%
Coal	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.1%
Renewable Energy 1/	0.029	0.028	0.028	0.028	0.028	0.028	0.027	0.027	0.027	0.027	0.027	0.026	0.026	0.2%
Electricity	0.743	0.751	0.759	0.764	0.773	0.783	0.794	0.803	0.814	0.825	0.836	0.845	0.856	1.1%
Delivered Energy	1.204	1.215	1.225	1.231	1.241	1.251	1.265	1.272	1.284	1.295	1.307	1.314	1.324	1.0%
Electricity Related Losses	1.438	1.419	1.434	1.400	1.393	1.403	1.414	1.430	1.446	1.459	1.461	1.468	1.491	0.2%
Total	2.642	2.634	2.659	2.631	2.635	2.655	2.679	2.702	2.730	2.754	2.768	2.782	2.816	0.6%
Commercial														
Liquefied Petroleum Gases	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.9%
Motor Gasoline 2/	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.2%
Kerosene	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	-0.4%
Distillate Fuel Oil	0.018	0.018	0.018	0.018	0.019	0.019	0.019	0.019	0.020	0.020	0.020	0.020	0.020	0.8%
Residual Fuel Oil	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.2%
Liquid Fuels and Other Petroleum Subtotal	0.039	0.040	0.040	0.040	0.040	0.041	0.041	0.041	0.042	0.042	0.042	0.042	0.043	0.6%
Natural Gas	0.303	0.306	0.310	0.314	0.317	0.321	0.324	0.327	0.331	0.335	0.339	0.342	0.346	1.4%
Coal	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	--
Renewable Energy 3/	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.0%
Electricity	0.703	0.716	0.730	0.744	0.757	0.771	0.786	0.801	0.815	0.830	0.844	0.859	0.875	1.9%
Delivered Energy	1.050	1.066	1.084	1.102	1.120	1.137	1.155	1.174	1.192	1.211	1.229	1.248	1.268	1.7%
Electricity Related Losses	1.359	1.352	1.380	1.362	1.365	1.383	1.399	1.426	1.449	1.468	1.473	1.492	1.523	1.0%
Total	2.409	2.419	2.464	2.464	2.484	2.521	2.555	2.599	2.641	2.679	2.702	2.741	2.792	1.3%
Industrial 4/														
Liquefied Petroleum Gases	1.544	1.516	1.500	1.488	1.479	1.472	1.465	1.460	1.454	1.449	1.444	1.436	1.430	-0.8%
Motor Gasoline 2/	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.057	0.057	0.057	0.057	0.058	0.058	0.1%
Distillate Fuel Oil	0.194	0.193	0.193	0.192	0.192	0.191	0.191	0.192	0.193	0.194	0.194	0.194	0.195	-0.1%
Residual Fuel Oil	0.022	0.022	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.021	-0.8%
Petrochemical Feedstocks	0.780	0.771	0.763	0.756	0.752	0.749	0.746	0.744	0.742	0.740	0.738	0.735	0.732	-0.2%
Other Petroleum 5/	1.427	1.418	1.405	1.399	1.407	1.390	1.392	1.400	1.406	1.419	1.431	1.435	1.447	-0.1%
Liquid Fuels and Other Petroleum Subtotal	4.022	3.975	3.938	3.912	3.908	3.879	3.872	3.873	3.873	3.880	3.885	3.879	3.884	-0.4%
Natural Gas	2.675	2.667	2.675	2.684	2.683	2.680	2.677	2.677	2.680	2.678	2.670	2.665	2.661	0.4%
Natural-Gas-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	--
Lease and Plant Fuel 6/	0.498	0.492	0.479	0.466	0.462	0.451	0.446	0.439	0.440	0.436	0.430	0.424	0.422	-1.1%
Natural Gas Subtotal	3.173	3.159	3.154	3.150	3.145	3.131	3.123	3.116	3.120	3.115	3.100	3.089	3.083	0.2%
Metallurgical Coal	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	--
Other Industrial Coal	0.090	0.090	0.090	0.090	0.090	0.090	0.090	0.090	0.089	0.089	0.089	0.089	0.089	-0.1%
Coal-to-Liquids Heat and Power	0.000	0.000	0.000	0.007	0.007	0.000	0.000	0.000	0.007	0.007	0.007	0.007	0.007	31.7%
Net Coal Coke Imports	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	--
Coal Subtotal	0.090	0.090	0.090	0.097	0.097	0.090	0.090	0.090	0.096	0.096	0.096	0.096	0.096	0.2%
Biofuels Heat and Coproducts	0.053	0.059	0.093	0.178	0.198	0.192	0.196	0.200	0.206	0.207	0.211	0.214	0.206	22.4%
Renewable Energy 7/	0.364	0.368	0.373	0.377	0.382	0.386	0.390	0.395	0.400	0.405	0.409	0.412	0.417	0.9%
Electricity	0.563	0.561	0.560	0.559	0.560	0.559	0.560	0.561	0.563	0.564	0.565	0.565	0.567	0.3%
Delivered Energy	8.267	8.213	8.208	8.273	8.289	8.237	8.231	8.235	8.258	8.267	8.266	8.256	8.252	0.0%
Electricity Related Losses	1.090	1.060	1.059	1.023	1.009	1.002	0.996	0.998	1.000	0.998	0.986	0.982	0.988	-0.5%
Total	9.357	9.273	9.267	9.297	9.298	9.239	9.227	9.234	9.258	9.265	9.253	9.238	9.240	0.0%

Table 7. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)-West South Central - 07

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2006-2030
Transportation														
Liquefied Petroleum Gases	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.2%
E85 8/	0.014	0.001	0.089	0.001	0.241	0.263	0.258	0.284	0.277	0.283	0.285	0.279	0.295	38.3%
Motor Gasoline 2/	2.253	2.266	2.164	2.261	2.000	1.978	1.986	1.962	1.977	1.978	1.985	2.003	1.998	-0.2%
Jet Fuel 9/	0.898	0.914	0.930	0.947	0.963	0.980	0.996	1.012	1.028	1.044	1.061	1.077	1.094	2.0%
Distillate Fuel Oil 10/	1.225	1.242	1.261	1.281	1.301	1.322	1.343	1.366	1.389	1.414	1.438	1.462	1.489	1.7%
Residual Fuel Oil	0.231	0.232	0.232	0.233	0.234	0.234	0.235	0.236	0.236	0.237	0.238	0.238	0.239	0.3%
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	45.4%
Other Petroleum 11/	0.030	0.030	0.030	0.030	0.030	0.030	0.031	0.031	0.031	0.031	0.031	0.031	0.031	0.2%
Liquid Fuels and Other Petroleum Subtotal	4.653	4.687	4.709	4.755	4.771	4.809	4.851	4.893	4.941	4.990	5.040	5.093	5.148	1.0%
Pipeline Fuel Natural Gas	0.164	0.163	0.158	0.154	0.153	0.152	0.150	0.149	0.150	0.149	0.149	0.147	0.147	-0.5%
Compressed Natural Gas	0.008	0.008	0.008	0.008	0.009	0.009	0.009	0.009	0.010	0.010	0.010	0.010	0.010	6.3%
Electricity	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	2.1%
Delivered Energy	4.825	4.858	4.876	4.918	4.933	4.970	5.011	5.052	5.100	5.150	5.200	5.251	5.306	1.0%
Electricity Related Losses	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	1.2%
Total	4.826	4.859	4.878	4.919	4.934	4.971	5.013	5.053	5.102	5.151	5.201	5.252	5.308	1.0%
Delivered Energy Consumption, All Sectors														
Liquefied Petroleum Gases	1.614	1.586	1.570	1.558	1.550	1.543	1.536	1.531	1.527	1.522	1.517	1.510	1.504	-0.7%
E85 8/	0.014	0.001	0.089	0.001	0.241	0.263	0.258	0.284	0.277	0.283	0.285	0.279	0.295	38.3%
Motor Gasoline 2/	2.321	2.334	2.232	2.328	2.068	2.046	2.054	2.030	2.046	2.047	2.054	2.072	2.068	-0.2%
Jet Fuel 9/	0.898	0.914	0.930	0.947	0.963	0.980	0.996	1.012	1.028	1.044	1.061	1.077	1.094	2.0%
Kerosene	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	-0.1%
Distillate Fuel Oil	1.437	1.453	1.472	1.492	1.511	1.532	1.554	1.577	1.602	1.627	1.652	1.677	1.704	1.4%
Residual Fuel Oil	0.253	0.254	0.254	0.255	0.255	0.256	0.256	0.257	0.257	0.258	0.259	0.260	0.260	0.2%
Petrochemical Feedstocks	0.780	0.771	0.763	0.756	0.752	0.749	0.746	0.744	0.742	0.740	0.738	0.735	0.732	-0.2%
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	45.4%
Other Petroleum 12/	1.446	1.437	1.424	1.418	1.427	1.410	1.412	1.420	1.426	1.439	1.451	1.456	1.467	-0.1%
Liquid Fuels and Other Petroleum Subtotal	8.774	8.761	8.746	8.767	8.779	8.789	8.825	8.869	8.917	8.974	9.030	9.077	9.137	0.4%
Natural Gas	3.360	3.357	3.372	3.386	3.390	3.390	3.392	3.395	3.402	3.405	3.401	3.397	3.396	0.6%
Natural-Gas-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	--
Lease and Plant Fuel 6/	0.498	0.492	0.479	0.466	0.462	0.451	0.446	0.439	0.440	0.436	0.430	0.424	0.422	-1.1%
Pipeline Natural Gas	0.164	0.163	0.158	0.154	0.153	0.152	0.150	0.149	0.150	0.149	0.149	0.147	0.147	-0.5%
Natural Gas Subtotal	4.022	4.012	4.009	4.006	4.005	3.993	3.988	3.983	3.992	3.990	3.979	3.969	3.965	0.3%
Metallurgical Coal	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	--
Other Coal	0.091	0.090	0.090	0.090	0.090	0.090	0.090	0.090	0.090	0.090	0.090	0.089	0.089	-0.1%
Coal-to-Liquids Heat and Power	0.000	0.000	0.000	0.007	0.007	0.000	0.000	0.000	0.007	0.007	0.007	0.007	0.007	31.7%
Net Coal Coke Imports	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	--
Coal Subtotal	0.091	0.090	0.090	0.097	0.097	0.090	0.090	0.090	0.096	0.096	0.096	0.096	0.096	0.2%
Biofuels Heat and Coproducts	0.053	0.059	0.093	0.178	0.198	0.192	0.196	0.200	0.206	0.207	0.211	0.214	0.206	22.4%
Renewable Energy 13/	0.397	0.401	0.405	0.410	0.414	0.418	0.422	0.427	0.432	0.436	0.440	0.443	0.448	0.8%
Electricity	2.010	2.029	2.049	2.068	2.091	2.114	2.141	2.165	2.192	2.219	2.246	2.270	2.299	1.2%
Delivered Energy	15.347	15.352	15.393	15.525	15.583	15.595	15.662	15.734	15.834	15.923	16.002	16.069	16.151	0.5%
Electricity Related Losses	3.888	3.833	3.875	3.786	3.767	3.789	3.811	3.855	3.896	3.926	3.922	3.944	4.004	0.3%
Total	19.234	19.185	19.268	19.311	19.351	19.385	19.473	19.589	19.731	19.848	19.924	20.013	20.155	0.5%

Table 7. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)-West South Central - 07

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2006-2030
Electric Power 14/														
Distillate Fuel Oil	0.026	0.026	0.027	0.027	0.027	0.028	0.028	0.029	0.030	0.030	0.031	0.031	0.031	-0.4%
Residual Fuel Oil	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	-2.1%
Liquid Fuels and Other Petroleum Subtotal	0.031	0.031	0.032	0.032	0.032	0.033	0.034	0.034	0.035	0.035	0.036	0.037	0.036	-0.7%
Natural Gas	1.994	1.941	1.850	1.779	1.749	1.712	1.664	1.654	1.645	1.634	1.598	1.552	1.516	-1.4%
Steam Coal	2.822	2.832	2.902	2.900	2.913	2.978	3.062	3.115	3.176	3.226	3.274	3.370	3.477	1.5%
Nuclear Power	0.752	0.752	0.752	0.752	0.752	0.752	0.752	0.752	0.752	0.752	0.752	0.752	0.752	0.2%
Renewable Energy 15/	0.298	0.306	0.387	0.390	0.412	0.428	0.440	0.464	0.481	0.498	0.507	0.505	0.522	4.9%
Electricity Imports	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.003	-0.003	1.0%
Total 16/	5.897	5.862	5.924	5.854	5.858	5.903	5.951	6.020	6.088	6.145	6.167	6.214	6.303	0.6%
Total Energy Consumption														
Liquefied Petroleum Gases	1.614	1.586	1.570	1.558	1.550	1.543	1.536	1.531	1.527	1.522	1.517	1.510	1.504	-0.7%
E85 8/	0.014	0.001	0.089	0.001	0.241	0.263	0.258	0.284	0.277	0.283	0.285	0.279	0.295	38.3%
Motor Gasoline 2/	2.321	2.334	2.232	2.328	2.068	2.046	2.054	2.030	2.046	2.047	2.054	2.072	2.068	-0.2%
Jet Fuel 9/	0.898	0.914	0.930	0.947	0.963	0.980	0.996	1.012	1.028	1.044	1.061	1.077	1.094	2.0%
Kerosene	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	-0.1%
Distillate Fuel Oil	1.463	1.479	1.499	1.518	1.538	1.559	1.582	1.606	1.632	1.658	1.683	1.708	1.736	1.4%
Residual Fuel Oil	0.258	0.259	0.259	0.260	0.260	0.261	0.261	0.262	0.263	0.263	0.264	0.265	0.265	0.2%
Petrochemical Feedstocks	0.780	0.771	0.763	0.756	0.752	0.749	0.746	0.744	0.742	0.740	0.738	0.735	0.732	-0.2%
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	45.4%
Other Petroleum 12/	1.446	1.437	1.424	1.418	1.427	1.410	1.412	1.420	1.426	1.439	1.451	1.456	1.467	-0.1%
Liquid Fuels and Other Petroleum Subtotal	8.805	8.792	8.778	8.799	8.811	8.821	8.858	8.903	8.951	9.009	9.066	9.114	9.173	0.4%
Natural Gas	5.354	5.298	5.222	5.165	5.139	5.102	5.056	5.049	5.047	5.039	4.999	4.949	4.913	-0.1%
Natural-Gas-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	--
Lease and Plant Fuel 6/	0.498	0.492	0.479	0.466	0.462	0.451	0.446	0.439	0.440	0.436	0.430	0.424	0.422	-1.1%
Pipeline Natural Gas	0.164	0.163	0.158	0.154	0.153	0.152	0.150	0.149	0.150	0.149	0.149	0.147	0.147	-0.5%
Natural Gas Subtotal	6.016	5.953	5.860	5.785	5.754	5.705	5.652	5.637	5.637	5.624	5.578	5.520	5.482	-0.2%
Metallurgical Coal	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	--
Other Coal	2.913	2.923	2.993	2.990	3.003	3.068	3.152	3.205	3.265	3.316	3.364	3.459	3.567	1.5%
Coal-to-Liquids Heat and Power	0.000	0.000	0.000	0.007	0.007	0.000	0.000	0.000	0.007	0.007	0.007	0.007	0.007	31.7%
Net Coal Coke Imports	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	--
Coal Subtotal	2.913	2.923	2.993	2.997	3.010	3.069	3.152	3.205	3.272	3.323	3.370	3.466	3.573	1.5%
Nuclear Power	0.752	0.752	0.752	0.752	0.752	0.752	0.752	0.752	0.752	0.752	0.752	0.752	0.752	0.2%
Biofuels Heat and Coproducts	0.053	0.059	0.093	0.178	0.198	0.192	0.196	0.200	0.206	0.207	0.211	0.214	0.206	22.4%
Renewable Energy 17/	0.695	0.707	0.793	0.800	0.825	0.845	0.862	0.891	0.913	0.934	0.947	0.948	0.970	2.5%
Electricity Imports	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.003	-0.003	1.0%
Total	19.234	19.185	19.268	19.311	19.351	19.385	19.473	19.589	19.731	19.848	19.924	20.013	20.155	0.5%
Energy Use & Related Statistics														
Delivered Energy Use	15.347	15.352	15.393	15.525	15.583	15.595	15.662	15.734	15.834	15.923	16.002	16.069	16.151	0.5%
Total Energy Use	19.234	19.185	19.268	19.311	19.351	19.385	19.473	19.589	19.731	19.848	19.924	20.013	20.155	0.5%
Population (millions)	39.460	39.918	40.381	40.852	41.333	41.824	42.326	42.840	43.361	43.889	44.425	44.971	45.523	1.2%
Carbon Dioxide Emissions (million metric tons)	1076.83	1076.64	1075.12	1077.04	1068.53	1072.28	1080.97	1087.61	1098.12	1106.59	1112.83	1122.79	1135.15	0.6%

Table 7. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)-West South Central - 07

1/ Includes wood used for residential heating. See Table 4 and/or Table 17 for estimates of nonmarketed renewable energy consumption for geothermal heat pumps, solar thermal hot water heating, and solar photovoltaic electricity generation.

2/ Includes ethanol (blends of 10 percent or less) and ethers blended into gasoline.

3/ Includes commercial sector consumption of wood and wood waste, landfill gas, municipal solid waste, and other biomass for combined heat and power.

4/ Includes energy for combined heat and power plants, except those whose primary business is to sell electricity, or electricity and heat, to the public.

5/ Includes petroleum coke, asphalt, road oil, lubricants, still gas, and miscellaneous petroleum products.

6/ Represents natural gas used in well, field, and lease operations, and in natural gas processing plant machinery.

7/ Includes consumption of energy produced from hydroelectric, wood and wood waste, municipal solid waste, and other biomass sources.

8/ E85 refers to a blend of 85 percent ethanol (renewable) and 15 percent motor gasoline (nonrenewable). To address cold starting issues, the percentage of ethanol varies seasonally. The annual average ethanol content of 74 percent is used for this forecast.

9/ Includes only kerosene type.

10/ Diesel fuel for on- and off- road use.

11/ Includes aviation gasoline and lubricants.

12/ Includes unfinished oils, natural gasoline, motor gasoline blending components, aviation gasoline, lubricants, still gas, asphalt, road oil, petroleum coke, and miscellaneous petroleum products.

13/ Includes electricity generated for sale to the grid and for own use from renewable sources, and non-electric energy from renewable sources. Excludes nonmarketed renewable energy consumption for geothermal heat pumps, buildings photovoltaic systems, and solar thermal hot water heaters.

14/ Includes consumption of energy by electricity-only and combined heat and power plants whose primary business is to sell electricity, or electricity and heat, to the public. Includes small power producers and exempt wholesale generators.

15/ Includes conventional hydroelectric, geothermal, wood and wood waste, biogenic municipal solid waste, other biomass, petroleum coke, wind, photovoltaic and solar thermal sources. Excludes net electricity imports.

16/ Includes non-biogenic municipal waste not included above.

17/ Includes hydroelectric, geothermal, wood and wood waste, biogenic municipal solid waste, other biomass, wind, photovoltaic and solar thermal sources. Includes ethanol components of E85; excludes ethanol blends (10 percent or less) in motor gasoline. Excludes net electricity imports and nonmarketed renewable energy consumption for geothermal heat pumps, buildings photovoltaic systems, and solar thermal hot water heaters.

Btu = British thermal unit.

-- = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Data for 2005 and 2006 are model results and may differ slightly from official EIA data reports. Consumption values of 0.00 are values that round to 0.00, because they are less than 0.005.

Sources: 2005 and 2006 consumption based on: Energy Information Administration (EIA), Annual Energy Review 2006, DOE/EIA-0384(2006) (Washington, DC, June 2007). 2005 and 2006 population and gross domestic product: Global Insight, Global Insight Industry and Employment models, July 2007. 2005 and 2006 carbon dioxide emissions: EIA, Emissions of Greenhouse Gases in the United States 2006, DOE/EIA-0573(2006) (Washington, DC, December 2007). Projections: EIA, AEO2008 National Energy Modeling System run aeo2008.d030208f.

Table 8. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)-Mountain - 08

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Residential													
Liquefied Petroleum Gases	0.033	0.032	0.032	0.033	0.031	0.031	0.030	0.030	0.030	0.030	0.030	0.030	0.030
Kerosene	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Distillate Fuel Oil	0.005	0.005	0.004	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
Liquid Fuels and Other Petroleum Subtotal	0.038	0.037	0.036	0.038	0.036	0.035	0.035	0.035	0.035	0.034	0.034	0.034	0.034
Natural Gas	0.350	0.346	0.369	0.388	0.369	0.366	0.372	0.378	0.382	0.386	0.390	0.396	0.397
Coal	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Renewable Energy 1/ Electricity	0.036	0.036	0.036	0.041	0.037	0.035	0.034	0.033	0.033	0.032	0.031	0.031	0.030
Delivered Energy	0.292	0.309	0.325	0.331	0.340	0.348	0.355	0.363	0.358	0.361	0.366	0.373	0.378
Electricity Related Losses	0.716	0.729	0.768	0.798	0.783	0.785	0.796	0.810	0.807	0.815	0.823	0.834	0.841
Electricity Related Losses	0.936	0.931	1.014	1.055	1.084	1.115	1.147	1.168	1.144	1.140	1.137	1.132	1.142
Total	1.653	1.660	1.781	1.853	1.867	1.900	1.944	1.978	1.952	1.954	1.960	1.966	1.983
Commercial													
Liquefied Petroleum Gases	0.007	0.006	0.007	0.007	0.006	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
Motor Gasoline 2/ Kerosene	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
Distillate Fuel Oil	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Residual Fuel Oil	0.015	0.015	0.015	0.015	0.013	0.013	0.013	0.013	0.014	0.014	0.014	0.014	0.014
Liquid Fuels and Other Petroleum Subtotal	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Natural Gas	0.025	0.024	0.025	0.025	0.022	0.022	0.023	0.023	0.023	0.024	0.024	0.024	0.024
Coal	0.221	0.221	0.228	0.231	0.225	0.227	0.232	0.237	0.241	0.245	0.249	0.253	0.256
Renewable Energy 3/ Electricity	0.011	0.011	0.009	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011
Delivered Energy	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
Electricity Related Losses	0.299	0.310	0.320	0.318	0.329	0.336	0.344	0.352	0.361	0.371	0.380	0.390	0.398
Electricity Related Losses	0.559	0.569	0.586	0.589	0.591	0.599	0.613	0.627	0.640	0.654	0.668	0.681	0.693
Electricity Related Losses	0.956	0.933	0.999	1.012	1.050	1.076	1.112	1.135	1.157	1.171	1.182	1.183	1.204
Total	1.515	1.502	1.585	1.601	1.641	1.676	1.725	1.762	1.797	1.825	1.849	1.864	1.897
Industrial 4/													
Liquefied Petroleum Gases	0.015	0.015	0.016	0.016	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.014	0.014
Motor Gasoline 2/ Distillate Fuel Oil	0.033	0.034	0.035	0.036	0.035	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.036
Residual Fuel Oil	0.140	0.145	0.146	0.147	0.143	0.145	0.147	0.146	0.144	0.144	0.145	0.145	0.145
Petrochemical Feedstocks	0.003	0.003	0.003	0.004	0.003	0.002	0.002	0.002	0.002	0.002	0.006	0.006	0.006
Other Petroleum 5/ Liquid Fuels and Other Petroleum Subtotal	0.011	0.011	0.010	0.010	0.010	0.011	0.011	0.011	0.012	0.012	0.012	0.012	0.012
Natural Gas	0.221	0.220	0.214	0.222	0.217	0.218	0.221	0.220	0.216	0.214	0.218	0.222	0.223
Natural-Gas-to-Liquids Heat and Power	0.423	0.429	0.424	0.435	0.423	0.427	0.433	0.431	0.423	0.422	0.431	0.436	0.436
Lease and Plant Fuel 6/ Natural Gas Subtotal	0.297	0.293	0.306	0.304	0.259	0.262	0.267	0.266	0.269	0.270	0.264	0.262	0.261
Metallurgical Coal	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Other Industrial Coal	0.190	0.199	0.215	0.214	0.220	0.227	0.229	0.235	0.238	0.242	0.247	0.251	0.253
Coal-to-Liquids Heat and Power	0.487	0.492	0.521	0.518	0.479	0.489	0.496	0.501	0.507	0.512	0.512	0.513	0.514
Net Coal Coke Imports	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Coal Subtotal	0.102	0.101	0.104	0.107	0.103	0.103	0.103	0.101	0.099	0.098	0.098	0.099	0.098
Biofuels Heat and Coproducts	0.000	0.000	0.000	0.000	0.000	0.000	0.046	0.046	0.046	0.046	0.064	0.081	0.098
Renewable Energy 7/ Electricity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Delivered Energy	0.102	0.101	0.104	0.107	0.103	0.103	0.103	0.148	0.145	0.145	0.162	0.180	0.197
Electricity Related Losses	0.002	0.004	0.002	0.018	0.010	0.010	0.012	0.012	0.012	0.012	0.022	0.022	0.022
Electricity Related Losses	0.037	0.037	0.038	0.037	0.034	0.035	0.036	0.036	0.036	0.036	0.037	0.037	0.037
Electricity Related Losses	0.246	0.253	0.262	0.270	0.249	0.253	0.256	0.256	0.256	0.256	0.258	0.260	0.260
Electricity Related Losses	1.297	1.316	1.351	1.385	1.298	1.316	1.381	1.385	1.380	1.383	1.421	1.447	1.467
Electricity Related Losses	0.789	0.762	0.816	0.861	0.795	0.811	0.828	0.826	0.819	0.809	0.801	0.788	0.787
Total	2.086	2.078	2.167	2.246	2.093	2.127	2.209	2.211	2.198	2.193	2.222	2.235	2.253

Table 8. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)-Mountain - 08

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Transportation													
Liquefied Petroleum Gases	0.001	0.001	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
E85 8/	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Motor Gasoline 2/	1.141	1.153	1.161	1.183	1.210	1.238	1.265	1.290	1.313	1.334	1.352	1.369	1.384
Jet Fuel 9/	0.226	0.249	0.253	0.260	0.266	0.273	0.281	0.289	0.293	0.298	0.304	0.310	0.315
Distillate Fuel Oil 10/	0.493	0.509	0.516	0.519	0.529	0.548	0.568	0.582	0.592	0.601	0.612	0.623	0.633
Residual Fuel Oil	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Other Petroleum 11/	0.014	0.014	0.013	0.013	0.013	0.013	0.014	0.014	0.014	0.014	0.014	0.014	0.014
Liquid Fuels and Other Petroleum Subtotal	1.876	1.926	1.945	1.977	2.020	2.074	2.129	2.176	2.213	2.248	2.283	2.318	2.348
Pipeline Fuel Natural Gas	0.092	0.091	0.111	0.108	0.109	0.111	0.112	0.115	0.116	0.118	0.120	0.122	0.123
Compressed Natural Gas	0.001	0.002	0.002	0.003	0.003	0.004	0.004	0.005	0.005	0.006	0.006	0.007	0.007
Electricity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Delivered Energy	1.970	2.019	2.058	2.088	2.132	2.190	2.246	2.296	2.335	2.372	2.410	2.447	2.478
Electricity Related Losses	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Total	1.971	2.020	2.059	2.089	2.133	2.191	2.247	2.297	2.336	2.373	2.411	2.448	2.479
Delivered Energy Consumption, All Sectors													
Liquefied Petroleum Gases	0.055	0.055	0.056	0.057	0.054	0.054	0.054	0.054	0.053	0.053	0.053	0.053	0.053
E85 8/	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Motor Gasoline 2/	1.177	1.190	1.199	1.222	1.248	1.276	1.304	1.329	1.352	1.372	1.391	1.409	1.423
Jet Fuel 9/	0.226	0.249	0.253	0.260	0.266	0.273	0.281	0.289	0.293	0.298	0.304	0.310	0.315
Kerosene	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Distillate Fuel Oil	0.653	0.674	0.681	0.686	0.689	0.710	0.732	0.745	0.753	0.762	0.774	0.786	0.796
Residual Fuel Oil	0.003	0.003	0.003	0.004	0.003	0.002	0.002	0.002	0.002	0.002	0.006	0.006	0.006
Petrochemical Feedstocks	0.011	0.011	0.010	0.010	0.010	0.011	0.011	0.011	0.012	0.012	0.012	0.012	0.012
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Other Petroleum 12/	0.234	0.234	0.227	0.235	0.230	0.232	0.235	0.234	0.229	0.228	0.232	0.236	0.237
Liquid Fuels and Other Petroleum Subtotal	2.361	2.416	2.431	2.475	2.500	2.559	2.620	2.665	2.694	2.728	2.772	2.812	2.842
Natural Gas	0.869	0.862	0.905	0.925	0.856	0.859	0.875	0.885	0.897	0.907	0.910	0.917	0.922
Natural-Gas-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Lease and Plant Fuel 6/	0.190	0.199	0.215	0.214	0.220	0.227	0.229	0.235	0.238	0.242	0.247	0.251	0.253
Pipeline Natural Gas	0.092	0.091	0.111	0.108	0.109	0.111	0.112	0.115	0.116	0.118	0.120	0.122	0.123
Natural Gas Subtotal	1.151	1.151	1.231	1.248	1.186	1.197	1.216	1.236	1.251	1.267	1.277	1.290	1.297
Metallurgical Coal	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Other Coal	0.114	0.113	0.114	0.119	0.115	0.115	0.113	0.113	0.111	0.110	0.110	0.110	0.110
Coal-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.046	0.046	0.046	0.046	0.064	0.081	0.098
Net Coal Coke Imports	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Coal Subtotal	0.114	0.113	0.114	0.119	0.115	0.115	0.161	0.159	0.157	0.157	0.174	0.191	0.209
Biofuels Heat and Coproducts	0.002	0.004	0.002	0.018	0.010	0.010	0.012	0.012	0.012	0.012	0.022	0.022	0.022
Renewable Energy 13/	0.076	0.077	0.078	0.082	0.074	0.073	0.073	0.073	0.072	0.072	0.072	0.071	0.071
Electricity	0.838	0.872	0.907	0.919	0.919	0.937	0.955	0.972	0.975	0.989	1.005	1.022	1.037
Delivered Energy	4.542	4.634	4.762	4.860	4.803	4.890	5.036	5.117	5.162	5.224	5.322	5.410	5.478
Electricity Related Losses	2.682	2.627	2.830	2.929	2.931	3.004	3.088	3.130	3.121	3.121	3.121	3.104	3.133
Total	7.224	7.261	7.592	7.789	7.734	7.894	8.125	8.247	8.283	8.345	8.443	8.514	8.611
Electric Power 14/													
Distillate Fuel Oil	0.009	0.009	0.007	0.007	0.007	0.008	0.009	0.008	0.009	0.009	0.009	0.009	0.009
Residual Fuel Oil	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Liquid Fuels and Other Petroleum Subtotal	0.010	0.010	0.008	0.008	0.008	0.008	0.009	0.009	0.009	0.009	0.009	0.009	0.010
Natural Gas	0.538	0.572	0.713	0.791	0.740	0.739	0.700	0.728	0.705	0.705	0.706	0.683	0.638
Steam Coal	2.324	2.206	2.303	2.299	2.330	2.389	2.497	2.503	2.507	2.509	2.490	2.496	2.565
Nuclear Power	0.321	0.321	0.327	0.321	0.321	0.321	0.326	0.326	0.326	0.326	0.326	0.326	0.326
Renewable Energy 15/	0.325	0.390	0.387	0.430	0.451	0.483	0.512	0.537	0.549	0.562	0.594	0.612	0.632
Electricity Imports	0.002	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Total 16/	3.520	3.499	3.737	3.848	3.850	3.940	4.043	4.102	4.096	4.110	4.125	4.126	4.170

Table 8. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)-Mountain - 08

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Total Energy Consumption													
Liquefied Petroleum Gases	0.055	0.055	0.056	0.057	0.054	0.054	0.054	0.054	0.053	0.053	0.053	0.053	0.053
E85 8/	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Motor Gasoline 2/	1.177	1.190	1.199	1.222	1.248	1.276	1.304	1.329	1.352	1.372	1.391	1.409	1.423
Jet Fuel 9/	0.226	0.249	0.253	0.260	0.266	0.273	0.281	0.289	0.293	0.298	0.304	0.310	0.315
Kerosene	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Distillate Fuel Oil	0.663	0.683	0.688	0.693	0.696	0.718	0.741	0.754	0.761	0.771	0.782	0.795	0.805
Residual Fuel Oil	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.002	0.006	0.006	0.006
Petrochemical Feedstocks	0.011	0.011	0.010	0.010	0.010	0.011	0.011	0.011	0.012	0.012	0.012	0.012	0.012
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Other Petroleum 12/	0.234	0.234	0.227	0.235	0.230	0.232	0.235	0.234	0.229	0.228	0.232	0.236	0.237
Liquid Fuels and Other Petroleum Subtotal	2.371	2.426	2.438	2.482	2.508	2.567	2.629	2.674	2.703	2.737	2.781	2.821	2.852
Natural Gas	1.407	1.433	1.619	1.716	1.596	1.597	1.574	1.613	1.602	1.612	1.616	1.599	1.560
Natural-Gas-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Lease and Plant Fuel 6/	0.190	0.199	0.215	0.214	0.220	0.227	0.229	0.235	0.238	0.242	0.247	0.251	0.253
Pipeline Natural Gas	0.092	0.091	0.111	0.108	0.109	0.111	0.112	0.115	0.116	0.118	0.120	0.122	0.123
Natural Gas Subtotal	1.690	1.723	1.944	2.039	1.925	1.936	1.915	1.964	1.956	1.972	1.983	1.973	1.935
Metallurgical Coal	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Other Coal	2.438	2.319	2.417	2.419	2.445	2.504	2.611	2.616	2.618	2.619	2.600	2.607	2.676
Coal-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.046	0.046	0.046	0.046	0.064	0.081	0.098
Net Coal Coke Imports	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Coal Subtotal	2.438	2.319	2.417	2.419	2.445	2.504	2.658	2.662	2.664	2.666	2.664	2.688	2.774
Nuclear Power	0.321	0.321	0.327	0.321	0.321	0.321	0.326	0.326	0.326	0.326	0.326	0.326	0.326
Biofuels Heat and Coproducts	0.002	0.004	0.002	0.018	0.010	0.010	0.012	0.012	0.012	0.012	0.022	0.022	0.022
Renewable Energy 17/	0.401	0.467	0.465	0.511	0.525	0.556	0.585	0.610	0.622	0.633	0.666	0.684	0.703
Electricity Imports	0.002	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Total	7.224	7.261	7.592	7.789	7.734	7.894	8.125	8.247	8.283	8.345	8.443	8.514	8.611
Energy Use & Related Statistics													
Delivered Energy Use	4.542	4.634	4.762	4.860	4.803	4.890	5.036	5.117	5.162	5.224	5.322	5.410	5.478
Total Energy Use	7.224	7.261	7.592	7.789	7.734	7.894	8.125	8.247	8.283	8.345	8.443	8.514	8.611
Population (millions)	20.129	20.476	20.821	21.169	21.521	21.875	22.234	22.599	22.969	23.345	23.726	24.112	24.502
Carbon Dioxide Emissions (million metric tons)	480.47	473.17	494.11	501.38	499.33	508.45	525.72	531.84	533.93	536.91	540.26	544.71	553.10

Table 8. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)-Mountain - 08

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2006-2030
Residential														
Liquefied Petroleum Gases	0.030	0.031	0.031	0.031	0.031	0.031	0.031	0.031	0.031	0.031	0.031	0.031	0.031	-0.1%
Kerosene	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-1.3%
Distillate Fuel Oil	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	-2.3%
Liquid Fuels and Other Petroleum Subtotal	0.034	0.034	0.034	0.034	0.034	0.034	0.034	0.034	0.034	0.034	0.034	0.034	0.034	-0.3%
Natural Gas	0.401	0.404	0.408	0.411	0.414	0.416	0.417	0.417	0.417	0.418	0.419	0.417	0.417	0.8%
Coal	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	-1.1%
Renewable Energy 1/	0.030	0.029	0.029	0.029	0.028	0.028	0.028	0.027	0.027	0.027	0.026	0.026	0.026	-1.4%
Electricity	0.384	0.390	0.395	0.400	0.407	0.413	0.421	0.428	0.435	0.443	0.452	0.459	0.467	1.7%
Delivered Energy	0.850	0.858	0.868	0.876	0.885	0.892	0.902	0.907	0.915	0.923	0.932	0.937	0.944	1.1%
Electricity Related Losses	1.162	1.192	1.233	1.275	1.306	1.331	1.363	1.389	1.421	1.462	1.512	1.552	1.591	2.3%
Total	2.012	2.050	2.101	2.151	2.190	2.223	2.264	2.295	2.335	2.385	2.444	2.489	2.536	1.8%
Commercial														
Liquefied Petroleum Gases	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.4%
Motor Gasoline 2/	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.8%
Kerosene	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.2%
Distillate Fuel Oil	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.013	0.013	0.013	0.013	-0.5%
Residual Fuel Oil	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	--
Liquid Fuels and Other Petroleum Subtotal	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	-0.1%
Natural Gas	0.259	0.262	0.266	0.271	0.275	0.278	0.280	0.282	0.284	0.286	0.289	0.291	0.293	1.2%
Coal	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.0%
Renewable Energy 3/	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.0%
Electricity	0.407	0.416	0.425	0.434	0.443	0.451	0.459	0.468	0.476	0.486	0.495	0.504	0.514	2.1%
Delivered Energy	0.705	0.716	0.729	0.744	0.756	0.778	0.788	0.799	0.810	0.822	0.834	0.846	0.861	1.7%
Electricity Related Losses	1.231	1.270	1.323	1.382	1.421	1.451	1.486	1.519	1.555	1.601	1.655	1.706	1.752	2.7%
Total	1.936	1.986	2.053	2.126	2.177	2.219	2.264	2.307	2.354	2.411	2.477	2.540	2.598	2.3%
Industrial 4/														
Liquefied Petroleum Gases	0.014	0.019	0.014	0.020	0.020	0.013	0.013	0.013	0.016	0.013	0.013	0.013	0.013	-0.6%
Motor Gasoline 2/	0.037	0.037	0.037	0.037	0.037	0.038	0.038	0.039	0.039	0.039	0.040	0.040	0.041	0.7%
Distillate Fuel Oil	0.145	0.145	0.145	0.145	0.145	0.146	0.146	0.148	0.149	0.150	0.151	0.152	0.154	0.2%
Residual Fuel Oil	0.005	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	-2.4%
Petrochemical Feedstocks	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.010	0.010	0.010	0.010	0.010	0.010	-0.5%
Other Petroleum 5/	0.226	0.237	0.249	0.245	0.246	0.253	0.256	0.258	0.258	0.271	0.276	0.281	0.283	1.1%
Liquid Fuels and Other Petroleum Subtotal	0.439	0.451	0.458	0.460	0.461	0.462	0.466	0.470	0.475	0.486	0.492	0.498	0.503	0.7%
Natural Gas	0.261	0.250	0.249	0.252	0.254	0.255	0.257	0.259	0.261	0.262	0.263	0.264	0.265	-0.4%
Natural-Gas-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	--
Lease and Plant Fuel 6/	0.254	0.255	0.245	0.237	0.242	0.244	0.247	0.248	0.250	0.252	0.255	0.256	0.256	1.1%
Natural Gas Subtotal	0.515	0.506	0.494	0.489	0.496	0.500	0.504	0.507	0.511	0.514	0.518	0.520	0.522	0.2%
Metallurgical Coal	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	--
Other Industrial Coal	0.098	0.098	0.098	0.097	0.097	0.097	0.097	0.097	0.097	0.097	0.097	0.096	0.096	-0.2%
Coal-to-Liquids Heat and Power	0.146	0.157	0.158	0.158	0.158	0.158	0.158	0.158	0.158	0.158	0.158	0.158	0.158	--
Net Coal Coke Imports	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	--
Coal Subtotal	0.244	0.255	0.256	0.255	0.255	0.255	0.255	0.255	0.255	0.255	0.255	0.254	0.254	3.9%
Biofuels Heat and Coproducts	0.033	0.033	0.033	0.033	0.034	0.033	0.033	0.033	0.033	0.033	0.033	0.033	0.033	9.0%
Renewable Energy 7/	0.037	0.037	0.038	0.038	0.038	0.038	0.039	0.039	0.040	0.040	0.040	0.041	0.041	0.4%
Electricity	0.261	0.259	0.257	0.258	0.258	0.258	0.259	0.259	0.260	0.261	0.261	0.262	0.263	0.2%
Delivered Energy	1.528	1.541	1.536	1.533	1.542	1.547	1.555	1.563	1.573	1.589	1.600	1.608	1.616	0.9%
Electricity Related Losses	0.789	0.793	0.802	0.820	0.827	0.830	0.835	0.841	0.847	0.860	0.874	0.887	0.897	0.7%
Total	2.317	2.334	2.339	2.353	2.369	2.377	2.390	2.404	2.420	2.449	2.474	2.495	2.513	0.8%

Table 8. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)-Mountain - 08

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2006-2030
Transportation														
Liquefied Petroleum Gases	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.2%
E85 8/	0.000	0.000	0.000	0.044	0.060	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	10.5%
Motor Gasoline 2/	1.395	1.400	1.402	1.362	1.351	1.422	1.429	1.438	1.448	1.459	1.471	1.483	1.497	1.1%
Jet Fuel 9/	0.321	0.327	0.333	0.339	0.345	0.351	0.357	0.363	0.369	0.375	0.381	0.387	0.393	1.9%
Distillate Fuel Oil 10/	0.643	0.655	0.667	0.680	0.693	0.707	0.721	0.736	0.751	0.767	0.783	0.799	0.816	2.0%
Residual Fuel Oil	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	--
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	46.4%
Other Petroleum 11/	0.014	0.014	0.014	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.5%
Liquid Fuels and Other Petroleum Subtotal	2.375	2.398	2.419	2.441	2.465	2.497	2.525	2.554	2.586	2.619	2.653	2.688	2.725	1.5%
Pipeline Fuel Natural Gas	0.123	0.124	0.119	0.114	0.116	0.116	0.117	0.117	0.118	0.119	0.120	0.120	0.120	1.2%
Compressed Natural Gas	0.007	0.008	0.008	0.008	0.009	0.009	0.009	0.009	0.009	0.010	0.010	0.010	0.010	7.4%
Electricity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.1%
Delivered Energy	2.506	2.530	2.546	2.564	2.590	2.622	2.651	2.681	2.713	2.747	2.783	2.818	2.856	1.5%
Electricity Related Losses	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	2.6%
Total	2.507	2.531	2.547	2.565	2.591	2.623	2.652	2.682	2.715	2.749	2.784	2.819	2.857	1.5%
Delivered Energy Consumption, All Sectors														
Liquefied Petroleum Gases	0.053	0.058	0.053	0.059	0.059	0.053	0.053	0.053	0.056	0.053	0.053	0.053	0.053	-0.2%
E85 8/	0.000	0.000	0.000	0.044	0.060	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	10.5%
Motor Gasoline 2/	1.434	1.440	1.442	1.402	1.392	1.462	1.470	1.480	1.490	1.501	1.514	1.527	1.541	1.1%
Jet Fuel 9/	0.321	0.327	0.333	0.339	0.345	0.351	0.357	0.363	0.369	0.375	0.381	0.387	0.393	1.9%
Kerosene	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.5%
Distillate Fuel Oil	0.806	0.817	0.830	0.843	0.855	0.869	0.884	0.900	0.917	0.934	0.951	0.968	0.986	1.6%
Residual Fuel Oil	0.005	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	-2.3%
Petrochemical Feedstocks	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.010	0.010	0.010	0.010	0.010	0.010	-0.5%
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	46.4%
Other Petroleum 12/	0.240	0.251	0.264	0.259	0.260	0.268	0.270	0.273	0.273	0.286	0.291	0.296	0.299	1.0%
Liquid Fuels and Other Petroleum Subtotal	2.872	2.907	2.936	2.959	2.985	3.017	3.049	3.083	3.119	3.163	3.203	3.244	3.286	1.3%
Natural Gas	0.928	0.924	0.932	0.943	0.952	0.958	0.963	0.966	0.971	0.975	0.980	0.982	0.985	0.6%
Natural-Gas-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	--
Lease and Plant Fuel 6/	0.254	0.255	0.245	0.237	0.242	0.244	0.247	0.248	0.250	0.252	0.255	0.256	0.256	1.1%
Pipeline Natural Gas	0.123	0.124	0.119	0.114	0.116	0.116	0.117	0.117	0.118	0.119	0.120	0.120	0.120	1.2%
Natural Gas Subtotal	1.305	1.303	1.296	1.294	1.310	1.318	1.327	1.331	1.340	1.347	1.355	1.358	1.362	0.7%
Metallurgical Coal	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	--
Other Coal	0.110	0.110	0.109	0.109	0.109	0.109	0.109	0.109	0.108	0.108	0.108	0.108	0.108	-0.2%
Coal-to-Liquids Heat and Power	0.146	0.157	0.158	0.158	0.158	0.158	0.158	0.158	0.158	0.158	0.158	0.158	0.158	--
Net Coal Coke Imports	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	--
Coal Subtotal	0.255	0.267	0.267	0.267	0.267	0.267	0.267	0.267	0.267	0.267	0.266	0.266	0.266	3.6%
Biofuels Heat and Coproducts	0.033	0.033	0.033	0.033	0.034	0.033	0.033	0.033	0.033	0.033	0.033	0.033	0.033	9.0%
Renewable Energy 13/	0.071	0.071	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.071	0.070	0.071	-0.4%
Electricity	1.053	1.066	1.078	1.092	1.107	1.123	1.139	1.155	1.172	1.190	1.209	1.226	1.245	1.5%
Delivered Energy	5.589	5.646	5.680	5.716	5.773	5.829	5.885	5.939	6.000	6.069	6.137	6.197	6.262	1.3%
Electricity Related Losses	3.183	3.256	3.360	3.479	3.554	3.614	3.686	3.750	3.824	3.925	4.042	4.147	4.241	2.0%
Total	8.772	8.902	9.040	9.196	9.327	9.442	9.571	9.689	9.824	9.994	10.179	10.344	10.504	1.6%
Electric Power 14/														
Distillate Fuel Oil	0.011	0.011	0.013	0.015	0.016	0.017	0.018	0.019	0.021	0.022	0.024	0.025	0.027	4.5%
Residual Fuel Oil	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-4.4%
Liquid Fuels and Other Petroleum Subtotal	0.011	0.012	0.013	0.015	0.016	0.017	0.018	0.020	0.021	0.022	0.024	0.025	0.027	4.3%
Natural Gas	0.601	0.566	0.564	0.581	0.530	0.461	0.417	0.355	0.312	0.292	0.247	0.242	0.232	-3.7%
Steam Coal	2.652	2.734	2.807	2.908	3.028	3.145	3.250	3.362	3.483	3.608	3.728	3.835	3.942	2.4%
Nuclear Power	0.326	0.326	0.326	0.326	0.326	0.326	0.326	0.326	0.326	0.326	0.326	0.326	0.326	0.1%
Renewable Energy 15/	0.646	0.683	0.728	0.742	0.763	0.788	0.814	0.842	0.855	0.867	0.927	0.945	0.960	3.8%
Electricity Imports	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	1.0%
Total 16/	4.236	4.321	4.437	4.571	4.662	4.737	4.825	4.904	4.996	5.115	5.251	5.373	5.486	1.9%

Table 8. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)-Mountain - 08

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2006-2030
Total Energy Consumption														
Liquefied Petroleum Gases	0.053	0.058	0.053	0.059	0.059	0.053	0.053	0.053	0.056	0.053	0.053	0.053	0.053	-0.2%
E85 8/	0.000	0.000	0.000	0.044	0.060	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	10.5%
Motor Gasoline 2/	1.434	1.440	1.442	1.402	1.392	1.462	1.470	1.480	1.490	1.501	1.514	1.527	1.541	1.1%
Jet Fuel 9/	0.321	0.327	0.333	0.339	0.345	0.351	0.357	0.363	0.369	0.375	0.381	0.387	0.393	1.9%
Kerosene	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.5%
Distillate Fuel Oil	0.817	0.829	0.842	0.857	0.871	0.886	0.902	0.919	0.937	0.956	0.974	0.993	1.013	1.7%
Residual Fuel Oil	0.006	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	-2.6%
Petrochemical Feedstocks	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.010	0.010	0.010	0.010	0.010	0.010	-0.5%
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	46.4%
Other Petroleum 12/	0.240	0.251	0.264	0.259	0.260	0.268	0.270	0.273	0.273	0.286	0.291	0.296	0.299	1.0%
Liquid Fuels and Other Petroleum Subtotal	2.883	2.919	2.948	2.974	3.001	3.035	3.067	3.102	3.140	3.185	3.227	3.269	3.313	1.3%
Natural Gas	1.529	1.490	1.496	1.524	1.482	1.418	1.380	1.322	1.283	1.267	1.227	1.224	1.217	-0.7%
Natural-Gas-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	--
Lease and Plant Fuel 6/	0.254	0.255	0.245	0.237	0.242	0.244	0.247	0.248	0.250	0.252	0.255	0.256	0.256	1.1%
Pipeline Natural Gas	0.123	0.124	0.119	0.114	0.116	0.116	0.117	0.117	0.118	0.119	0.120	0.120	0.120	1.2%
Natural Gas Subtotal	1.906	1.870	1.860	1.875	1.839	1.779	1.744	1.687	1.652	1.638	1.602	1.600	1.594	-0.3%
Metallurgical Coal	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	--
Other Coal	2.762	2.844	2.916	3.017	3.137	3.254	3.359	3.471	3.591	3.717	3.837	3.943	4.050	2.4%
Coal-to-Liquids Heat and Power	0.146	0.157	0.158	0.158	0.158	0.158	0.158	0.158	0.158	0.158	0.158	0.158	0.158	--
Net Coal Coke Imports	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	--
Coal Subtotal	2.907	3.001	3.074	3.175	3.295	3.412	3.517	3.629	3.749	3.875	3.995	4.101	4.208	2.5%
Nuclear Power	0.326	0.326	0.326	0.326	0.326	0.326	0.326	0.326	0.326	0.326	0.326	0.326	0.326	0.1%
Biofuels Heat and Coproducts	0.033	0.033	0.033	0.033	0.034	0.033	0.033	0.033	0.033	0.033	0.033	0.033	0.033	9.0%
Renewable Energy 17/	0.717	0.754	0.798	0.813	0.833	0.858	0.884	0.912	0.925	0.938	0.997	1.015	1.030	3.3%
Electricity Imports	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	1.0%
Total	8.772	8.902	9.040	9.196	9.327	9.442	9.571	9.689	9.824	9.994	10.179	10.344	10.504	1.6%
Energy Use & Related Statistics														
Delivered Energy Use	5.589	5.646	5.680	5.716	5.773	5.829	5.885	5.939	6.000	6.069	6.137	6.197	6.262	1.3%
Total Energy Use	8.772	8.902	9.040	9.196	9.327	9.442	9.571	9.689	9.824	9.994	10.179	10.344	10.504	1.6%
Population (millions)	24.898	25.298	25.704	26.115	26.533	26.957	27.388	27.825	28.266	28.712	29.161	29.616	30.074	1.6%
Carbon Dioxide Emissions (million metric tons)	566.46	576.17	584.88	594.89	605.65	618.46	629.01	638.99	651.11	665.50	677.83	690.54	703.43	1.7%

Table 8. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)-Mountain - 08

1/ Includes wood used for residential heating. See Table 4 and/or Table 17 for estimates of nonmarketed renewable energy consumption for geothermal heat pumps, solar thermal hot water heating, and solar photovoltaic electricity generation.

2/ Includes ethanol (blends of 10 percent or less) and ethers blended into gasoline.

3/ Includes commercial sector consumption of wood and wood waste, landfill gas, municipal solid waste, and other biomass for combined heat and power.

4/ Includes energy for combined heat and power plants, except those whose primary business is to sell electricity, or electricity and heat, to the public.

5/ Includes petroleum coke, asphalt, road oil, lubricants, still gas, and miscellaneous petroleum products.

6/ Represents natural gas used in well, field, and lease operations, and in natural gas processing plant machinery.

7/ Includes consumption of energy produced from hydroelectric, wood and wood waste, municipal solid waste, and other biomass sources.

8/ E85 refers to a blend of 85 percent ethanol (renewable) and 15 percent motor gasoline (nonrenewable). To address cold starting issues, the percentage of ethanol varies seasonally. The annual average ethanol content of 74 percent is used for this forecast.

9/ Includes only kerosene type.

10/ Diesel fuel for on- and off- road use.

11/ Includes aviation gasoline and lubricants.

12/ Includes unfinished oils, natural gasoline, motor gasoline blending components, aviation gasoline, lubricants, still gas, asphalt, road oil, petroleum coke, and miscellaneous petroleum products.

13/ Includes electricity generated for sale to the grid and for own use from renewable sources, and non-electric energy from renewable sources. Excludes nonmarketed renewable energy consumption for geothermal heat pumps, buildings photovoltaic systems, and solar thermal hot water heaters.

14/ Includes consumption of energy by electricity-only and combined heat and power plants whose primary business is to sell electricity, or electricity and heat, to the public. Includes small power producers and exempt wholesale generators.

15/ Includes conventional hydroelectric, geothermal, wood and wood waste, biogenic municipal solid waste, other biomass, petroleum coke, wind, photovoltaic and solar thermal sources. Excludes net electricity imports.

16/ Includes non-biogenic municipal waste not included above.

17/ Includes hydroelectric, geothermal, wood and wood waste, biogenic municipal solid waste, other biomass, wind, photovoltaic and solar thermal sources. Includes ethanol components of E85; excludes ethanol blends (10 percent or less) in motor gasoline. Excludes net electricity imports and nonmarketed renewable energy consumption for geothermal heat pumps, buildings photovoltaic systems, and solar thermal hot water heaters.

Btu = British thermal unit.

-- = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Data for 2005 and 2006 are model results and may differ slightly from official EIA data reports. Consumption values of 0.00 are values that round to 0.00, because they are less than 0.005.

Sources: 2005 and 2006 consumption based on: Energy Information Administration (EIA), Annual Energy Review 2006, DOE/EIA-0384(2006) (Washington, DC, June 2007). 2005 and 2006 population and gross domestic product: Global Insight, Global Insight Industry and Employment models, July 2007. 2005 and 2006 carbon dioxide emissions: EIA, Emissions of Greenhouse Gases in the United States 2006, DOE/EIA-0573(2006) (Washington, DC, December 2007). Projections: EIA, AEO2008 National Energy Modeling System run aeo2008.d030208f.

Table 9. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)-Pacific - 09

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Residential													
Liquefied Petroleum Gases	0.030	0.031	0.031	0.032	0.030	0.030	0.031	0.031	0.032	0.032	0.032	0.033	0.033
Kerosene	0.003	0.003	0.003	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
Distillate Fuel Oil	0.023	0.025	0.024	0.025	0.023	0.023	0.024	0.024	0.024	0.024	0.023	0.023	0.023
Liquid Fuels and Other Petroleum Subtotal	0.056	0.060	0.058	0.061	0.057	0.057	0.057	0.058	0.058	0.058	0.058	0.059	0.059
Natural Gas	0.636	0.647	0.655	0.674	0.682	0.683	0.694	0.706	0.714	0.724	0.733	0.744	0.750
Coal	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Renewable Energy 1/ Electricity	0.056	0.062	0.062	0.068	0.061	0.059	0.059	0.059	0.058	0.058	0.058	0.058	0.058
Delivered Energy	0.486	0.507	0.508	0.522	0.529	0.535	0.540	0.546	0.527	0.525	0.524	0.528	0.529
Electricity Related Losses	1.233	1.277	1.284	1.326	1.330	1.335	1.351	1.368	1.358	1.365	1.375	1.390	1.397
Electricity Related Losses	0.724	0.820	0.809	0.809	0.836	0.848	0.862	0.859	0.826	0.824	0.837	0.852	0.854
Total	1.958	2.097	2.092	2.135	2.166	2.183	2.213	2.227	2.183	2.189	2.211	2.242	2.251
Commercial													
Liquefied Petroleum Gases	0.006	0.005	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
Motor Gasoline 2/ Kerosene	0.003	0.003	0.003	0.002	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
Distillate Fuel Oil	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Residual Fuel Oil	0.026	0.026	0.026	0.026	0.022	0.022	0.023	0.023	0.023	0.023	0.024	0.024	0.024
Liquid Fuels and Other Petroleum Subtotal	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Natural Gas	0.036	0.034	0.035	0.035	0.031	0.032	0.032	0.032	0.033	0.033	0.033	0.033	0.033
Coal	0.339	0.354	0.361	0.376	0.348	0.351	0.358	0.365	0.371	0.377	0.383	0.389	0.394
Renewable Energy 3/ Electricity	0.006	0.006	0.005	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
Delivered Energy	0.024	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026
Electricity Related Losses	0.570	0.588	0.600	0.597	0.614	0.623	0.635	0.647	0.660	0.674	0.687	0.701	0.713
Electricity Related Losses	0.976	1.008	1.027	1.041	1.024	1.038	1.057	1.076	1.096	1.116	1.136	1.155	1.173
Electricity Related Losses	0.851	0.951	0.955	0.926	0.969	0.986	1.014	1.019	1.035	1.058	1.096	1.132	1.152
Total	1.827	1.960	1.982	1.967	1.994	2.024	2.071	2.095	2.130	2.174	2.232	2.287	2.324
Industrial 4/													
Liquefied Petroleum Gases	0.024	0.021	0.022	0.022	0.056	0.048	0.049	0.047	0.046	0.044	0.043	0.039	0.039
Motor Gasoline 2/ Distillate Fuel Oil	0.043	0.044	0.045	0.047	0.046	0.046	0.047	0.047	0.046	0.046	0.047	0.047	0.047
Residual Fuel Oil	0.132	0.137	0.137	0.139	0.133	0.135	0.137	0.136	0.134	0.134	0.135	0.135	0.135
Petrochemical Feedstocks	0.005	0.005	0.005	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Other Petroleum 5/ Liquid Fuels and Other Petroleum Subtotal	0.037	0.038	0.035	0.034	0.035	0.037	0.038	0.039	0.040	0.040	0.040	0.040	0.039
Natural Gas	0.704	0.707	0.683	0.714	0.728	0.728	0.740	0.730	0.715	0.715	0.729	0.734	0.738
Natural-Gas-to-Liquids Heat and Power	0.944	0.952	0.927	0.961	0.997	0.993	1.010	0.999	0.981	0.979	0.993	0.995	0.998
Lease and Plant Fuel 6/ Natural Gas Subtotal	0.976	0.938	0.902	0.878	0.934	0.958	0.971	0.984	1.002	1.007	0.997	0.998	0.995
Metallurgical Coal	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Other Industrial Coal	0.354	0.330	0.370	0.367	0.368	0.370	0.370	0.371	0.372	0.372	0.373	0.375	0.376
Coal-to-Liquids Heat and Power	1.330	1.268	1.272	1.245	1.302	1.327	1.342	1.355	1.374	1.380	1.370	1.373	1.371
Net Coal Coke Imports	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Coal Subtotal	0.050	0.049	0.051	0.052	0.051	0.051	0.051	0.050	0.049	0.049	0.049	0.049	0.049
Biofuels Heat and Coproducts	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Renewable Energy 7/ Electricity	0.001	0.002	0.003	0.031	0.020	0.023	0.022	0.022	0.022	0.022	0.022	0.022	0.022
Delivered Energy	0.117	0.119	0.120	0.118	0.107	0.111	0.114	0.114	0.114	0.115	0.116	0.117	0.117
Electricity Related Losses	0.307	0.298	0.295	0.285	0.311	0.315	0.319	0.319	0.318	0.320	0.321	0.323	0.324
Electricity Related Losses	2.749	2.688	2.667	2.691	2.789	2.820	2.857	2.860	2.859	2.865	2.871	2.879	2.881
Electricity Related Losses	0.458	0.482	0.470	0.442	0.491	0.499	0.509	0.502	0.499	0.502	0.513	0.522	0.523
Total	3.207	3.170	3.137	3.134	3.280	3.319	3.366	3.363	3.357	3.367	3.383	3.400	3.404

Table 9. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)-Pacific - 09

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Transportation													
Liquefied Petroleum Gases	0.002	0.003	0.003	0.003	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
E85 8/	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.038	0.079	0.176	0.001
Motor Gasoline 2/	2.544	2.570	2.588	2.571	2.570	2.575	2.576	2.605	2.583	2.554	2.475	2.634	
Jet Fuel 9/	0.868	0.891	0.898	0.920	0.943	0.971	1.003	1.031	1.046	1.064	1.083	1.103	1.123
Distillate Fuel Oil 10/	0.737	0.761	0.771	0.774	0.785	0.807	0.830	0.847	0.859	0.870	0.883	0.898	0.910
Residual Fuel Oil	0.264	0.265	0.283	0.278	0.275	0.271	0.268	0.268	0.269	0.270	0.270	0.271	0.272
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Other Petroleum 11/	0.030	0.029	0.028	0.027	0.028	0.028	0.028	0.028	0.028	0.028	0.029	0.029	0.029
Liquid Fuels and Other Petroleum Subtotal	4.445	4.520	4.571	4.574	4.604	4.656	4.708	4.768	4.810	4.854	4.900	4.954	4.970
Pipeline Fuel Natural Gas	0.030	0.029	0.032	0.029	0.028	0.028	0.027	0.027	0.027	0.027	0.028	0.028	0.029
Compressed Natural Gas	0.002	0.003	0.003	0.004	0.004	0.005	0.005	0.006	0.006	0.007	0.007	0.007	0.008
Electricity	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
Delivered Energy	4.479	4.554	4.609	4.609	4.639	4.691	4.743	4.804	4.845	4.890	4.938	4.993	5.009
Electricity Related Losses	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.005	0.005	0.005
Total	4.483	4.558	4.613	4.613	4.643	4.696	4.747	4.808	4.850	4.895	4.942	4.997	5.014
Delivered Energy Consumption, All Sectors													
Liquefied Petroleum Gases	0.062	0.061	0.062	0.063	0.095	0.087	0.088	0.087	0.086	0.084	0.083	0.080	0.080
E85 8/	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.038	0.079	0.176	0.001
Motor Gasoline 2/	2.590	2.617	2.636	2.620	2.618	2.624	2.625	2.641	2.654	2.631	2.603	2.525	2.683
Jet Fuel 9/	0.868	0.891	0.898	0.920	0.943	0.971	1.003	1.031	1.046	1.064	1.083	1.103	1.123
Kerosene	0.005	0.005	0.004	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
Distillate Fuel Oil	0.918	0.948	0.958	0.964	0.963	0.987	1.013	1.030	1.039	1.051	1.065	1.081	1.093
Residual Fuel Oil	0.269	0.270	0.288	0.283	0.275	0.271	0.268	0.269	0.269	0.270	0.271	0.271	0.272
Petrochemical Feedstocks	0.037	0.038	0.035	0.034	0.035	0.037	0.038	0.039	0.040	0.040	0.040	0.040	0.039
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Other Petroleum 12/	0.732	0.735	0.710	0.741	0.755	0.755	0.767	0.758	0.743	0.743	0.757	0.762	0.766
Liquid Fuels and Other Petroleum Subtotal	5.480	5.566	5.591	5.631	5.688	5.737	5.808	5.858	5.881	5.924	5.984	6.042	6.060
Natural Gas	1.953	1.942	1.921	1.932	1.967	1.996	2.028	2.060	2.094	2.115	2.120	2.139	2.147
Natural-Gas-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Lease and Plant Fuel 6/	0.354	0.330	0.370	0.367	0.368	0.370	0.371	0.372	0.372	0.372	0.373	0.375	0.376
Pipeline Natural Gas	0.030	0.029	0.032	0.029	0.028	0.028	0.027	0.027	0.027	0.027	0.028	0.028	0.029
Natural Gas Subtotal	2.337	2.302	2.323	2.327	2.364	2.394	2.425	2.458	2.492	2.514	2.521	2.541	2.551
Metallurgical Coal	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Other Coal	0.057	0.056	0.056	0.059	0.058	0.058	0.058	0.057	0.056	0.056	0.056	0.056	0.056
Coal-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Net Coal Coke Imports	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Coal Subtotal	0.057	0.056	0.056	0.059	0.058	0.058	0.058	0.057	0.056	0.056	0.056	0.056	0.056
Biofuels Heat and Coproducts	0.001	0.002	0.003	0.031	0.020	0.023	0.022	0.022	0.022	0.022	0.022	0.022	0.022
Renewable Energy 13/	0.197	0.207	0.208	0.212	0.195	0.196	0.198	0.199	0.199	0.199	0.200	0.201	0.201
Electricity	1.366	1.395	1.405	1.407	1.457	1.477	1.496	1.514	1.508	1.521	1.536	1.554	1.570
Delivered Energy	9.437	9.528	9.587	9.667	9.783	9.885	10.008	10.108	10.157	10.236	10.319	10.416	10.459
Electricity Related Losses	2.037	2.258	2.238	2.182	2.300	2.337	2.389	2.384	2.364	2.388	2.450	2.510	2.534
Total	11.475	11.785	11.824	11.850	12.083	12.222	12.398	12.493	12.521	12.624	12.768	12.926	12.993
Electric Power 14/													
Distillate Fuel Oil	0.011	0.010	0.008	0.008	0.008	0.008	0.008	0.009	0.009	0.009	0.009	0.009	0.009
Residual Fuel Oil	0.112	0.103	0.085	0.085	0.088	0.089	0.090	0.091	0.091	0.092	0.093	0.094	0.095
Liquid Fuels and Other Petroleum Subtotal	0.123	0.113	0.093	0.093	0.096	0.097	0.099	0.100	0.099	0.100	0.101	0.102	0.103
Natural Gas	0.906	0.992	1.081	0.921	0.941	0.904	0.898	0.902	0.873	0.901	0.966	1.045	1.083
Steam Coal	0.190	0.137	0.162	0.163	0.166	0.169	0.172	0.175	0.177	0.180	0.183	0.184	0.187
Nuclear Power	0.388	0.449	0.454	0.454	0.453	0.454	0.454	0.454	0.454	0.454	0.454	0.454	0.454
Renewable Energy 15/	1.778	1.973	1.875	1.980	2.118	2.197	2.269	2.279	2.281	2.284	2.284	2.285	2.284
Electricity Imports	0.008	-0.023	-0.031	-0.032	-0.027	-0.018	-0.026	-0.020	-0.024	-0.021	-0.013	-0.016	-0.019
Total 16/	3.403	3.653	3.643	3.589	3.758	3.814	3.886	3.899	3.871	3.908	3.986	4.065	4.104

Table 9. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)-Pacific - 09

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Total Energy Consumption													
Liquefied Petroleum Gases	0.062	0.061	0.062	0.063	0.095	0.087	0.088	0.087	0.086	0.084	0.083	0.080	0.080
E85 8/	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.038	0.079	0.176	0.001
Motor Gasoline 2/	2.590	2.617	2.636	2.620	2.618	2.624	2.625	2.641	2.654	2.631	2.603	2.525	2.683
Jet Fuel 9/	0.868	0.891	0.898	0.920	0.943	0.971	1.003	1.031	1.046	1.064	1.083	1.103	1.123
Kerosene	0.005	0.005	0.004	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
Distillate Fuel Oil	0.929	0.958	0.966	0.972	0.971	0.996	1.022	1.038	1.048	1.059	1.074	1.089	1.101
Residual Fuel Oil	0.381	0.374	0.372	0.368	0.363	0.360	0.358	0.360	0.360	0.361	0.363	0.365	0.366
Petrochemical Feedstocks	0.037	0.038	0.035	0.034	0.035	0.037	0.038	0.039	0.040	0.040	0.040	0.040	0.039
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Other Petroleum 12/	0.732	0.735	0.710	0.741	0.755	0.755	0.767	0.758	0.743	0.743	0.757	0.762	0.766
Liquid Fuels and Other Petroleum Subtotal	5.603	5.679	5.684	5.724	5.784	5.834	5.906	5.957	5.980	6.024	6.086	6.144	6.164
Natural Gas	2.859	2.934	3.003	2.853	2.909	2.900	2.927	2.962	2.967	3.016	3.086	3.184	3.230
Natural-Gas-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Lease and Plant Fuel 6/	0.354	0.330	0.370	0.367	0.368	0.370	0.371	0.372	0.372	0.372	0.373	0.375	0.376
Pipeline Natural Gas	0.030	0.029	0.032	0.029	0.028	0.028	0.027	0.027	0.027	0.027	0.028	0.028	0.029
Natural Gas Subtotal	3.243	3.293	3.405	3.248	3.305	3.298	3.324	3.360	3.365	3.416	3.487	3.587	3.634
Metallurgical Coal	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Other Coal	0.247	0.193	0.218	0.222	0.224	0.227	0.230	0.232	0.233	0.236	0.239	0.239	0.243
Coal-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Net Coal Coke Imports	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Coal Subtotal	0.247	0.193	0.218	0.222	0.224	0.227	0.230	0.232	0.233	0.236	0.239	0.239	0.243
Nuclear Power	0.388	0.449	0.454	0.454	0.453	0.454	0.454	0.454	0.454	0.454	0.454	0.454	0.454
Biofuels Heat and Coproducts	0.001	0.002	0.003	0.031	0.020	0.023	0.022	0.022	0.022	0.022	0.022	0.022	0.022
Renewable Energy 17/	1.975	2.180	2.082	2.192	2.312	2.393	2.467	2.478	2.479	2.483	2.484	2.485	2.485
Electricity Imports	0.008	-0.022	-0.031	-0.032	-0.027	-0.018	-0.016	-0.020	-0.024	-0.021	-0.013	-0.016	-0.019
Total	11.475	11.785	11.824	11.850	12.083	12.222	12.398	12.493	12.521	12.624	12.768	12.926	12.993
Energy Use & Related Statistics													
Delivered Energy Use	9.437	9.528	9.587	9.667	9.783	9.885	10.008	10.108	10.157	10.236	10.319	10.416	10.459
Total Energy Use	11.475	11.785	11.824	11.850	12.083	12.222	12.398	12.493	12.521	12.624	12.768	12.926	12.993
Population (millions)	48.073	48.617	49.149	49.681	50.213	50.748	51.287	51.836	52.392	52.955	53.522	54.094	54.668
Carbon Dioxide Emissions (million metric tons)	587.28	587.42	592.26	585.42	590.80	592.10	597.96	603.52	605.55	609.53	615.87	621.32	632.97

Table 9. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)-Pacific - 09

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2006-2030
Residential														
Liquefied Petroleum Gases	0.033	0.034	0.034	0.034	0.035	0.035	0.035	0.036	0.036	0.036	0.036	0.037	0.037	0.7%
Kerosene	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	-2.7%
Distillate Fuel Oil	0.023	0.023	0.023	0.022	0.022	0.022	0.022	0.021	0.021	0.021	0.020	0.020	0.020	-0.9%
Liquid Fuels and Other Petroleum Subtotal	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.058	-0.1%
Natural Gas	0.758	0.765	0.775	0.781	0.789	0.794	0.801	0.802	0.806	0.809	0.813	0.813	0.814	1.0%
Coal	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	-0.7%
Renewable Energy 1/ Electricity	0.058	0.058	0.058	0.058	0.058	0.058	0.058	0.058	0.058	0.058	0.058	0.058	0.058	-0.3%
Delivered Energy	1.408	1.418	1.429	1.436	1.447	1.457	1.470	1.475	1.484	1.493	1.505	1.508	1.515	0.7%
Electricity Related Losses	0.850	0.843	0.810	0.793	0.783	0.778	0.773	0.759	0.754	0.745	0.734	0.716	0.708	-0.6%
Total	2.258	2.261	2.239	2.229	2.230	2.235	2.243	2.234	2.238	2.238	2.239	2.225	2.223	0.2%
Commercial														
Liquefied Petroleum Gases	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.8%
Motor Gasoline 2/ Kerosene	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.3%
Distillate Fuel Oil	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.1%
Residual Fuel Oil	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	-0.3%
Liquid Fuels and Other Petroleum Subtotal	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	--
Natural Gas	0.033	0.033	0.033	0.034	0.034	0.034	0.034	0.034	0.034	0.034	0.034	0.034	0.034	0.0%
Coal	0.398	0.403	0.408	0.414	0.420	0.424	0.428	0.432	0.436	0.440	0.445	0.449	0.453	1.0%
Renewable Energy 3/ Electricity	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	-0.1%
Delivered Energy	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.0%
Electricity Related Losses	0.726	0.739	0.752	0.765	0.779	0.792	0.806	0.819	0.832	0.846	0.859	0.872	0.885	1.7%
Total	1.190	1.207	1.225	1.245	1.264	1.282	1.300	1.317	1.335	1.352	1.370	1.387	1.404	1.4%
Electricity Related Losses	1.160	1.164	1.136	1.130	1.126	1.130	1.128	1.119	1.119	1.111	1.099	1.081	1.073	0.5%
Total	2.350	2.371	2.361	2.375	2.391	2.413	2.428	2.436	2.453	2.464	2.469	2.468	2.478	1.0%
Industrial 4/														
Liquefied Petroleum Gases	0.037	0.034	0.033	0.023	0.022	0.022	0.015	0.014	0.015	0.015	0.016	0.018	0.018	-0.7%
Motor Gasoline 2/ Distillate Fuel Oil	0.047	0.047	0.048	0.048	0.048	0.049	0.049	0.050	0.051	0.051	0.051	0.052	0.053	0.7%
Residual Fuel Oil	0.135	0.135	0.135	0.135	0.135	0.136	0.136	0.138	0.139	0.140	0.141	0.142	0.143	0.2%
Petrochemical Feedstocks	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-18.0%
Other Petroleum 5/ Liquid Fuels and Other Petroleum Subtotal	0.039	0.038	0.038	0.037	0.037	0.036	0.036	0.036	0.035	0.035	0.035	0.034	0.034	-0.5%
Natural Gas	0.735	0.734	0.737	0.739	0.740	0.734	0.737	0.738	0.735	0.736	0.739	0.739	0.755	0.3%
Natural-Gas-to-Liquids Heat and Power	0.993	0.989	0.990	0.983	0.983	0.977	0.973	0.975	0.975	0.977	0.982	0.985	1.003	0.2%
Lease and Plant Fuel 6/ Natural Gas Subtotal	1.000	1.004	1.007	1.025	1.030	1.042	1.055	1.062	1.073	1.075	1.073	1.078	1.075	0.6%
Metallurgical Coal	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	--
Other Industrial Coal	0.377	0.378	0.433	0.489	0.490	0.491	0.492	0.493	0.494	0.495	0.496	0.496	0.496	1.7%
Coal-to-Liquids Heat and Power	1.377	1.381	1.441	1.514	1.520	1.534	1.548	1.555	1.567	1.570	1.569	1.574	1.571	0.9%
Net Coal Coke Imports	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	--
Coal Subtotal	0.054	0.065	0.076	0.093	0.093	0.125	0.125	0.124	0.148	0.173	0.236	0.278	0.278	7.5%
Biofuels Heat and Coproducts	0.027	0.027	0.047	0.056	0.060	0.060	0.054	0.056	0.055	0.055	0.055	0.055	0.055	15.4%
Renewable Energy 7/ Electricity	0.118	0.118	0.119	0.120	0.121	0.121	0.122	0.124	0.125	0.126	0.127	0.128	0.129	0.4%
Delivered Energy	0.325	0.324	0.325	0.326	0.326	0.326	0.327	0.328	0.329	0.329	0.330	0.331	0.332	0.5%
Electricity Related Losses	2.894	2.904	2.997	3.091	3.102	3.143	3.150	3.161	3.199	3.230	3.300	3.352	3.368	0.9%
Total	0.519	0.511	0.491	0.481	0.471	0.466	0.458	0.448	0.442	0.433	0.422	0.410	0.402	-0.8%
Electricity Related Losses	3.413	3.415	3.487	3.572	3.573	3.609	3.609	3.609	3.641	3.663	3.722	3.762	3.770	0.7%

Table 9. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)-Pacific - 09

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2006-2030
Transportation														
Liquefied Petroleum Gases	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	-2.2%
E85 8/	0.001	0.269	0.334	0.364	0.379	0.382	0.345	0.371	0.338	0.334	0.307	0.271	0.258	34.7%
Motor Gasoline 2/	2.632	2.386	2.315	2.284	2.268	2.263	2.297	2.278	2.314	2.327	2.361	2.405	2.432	-0.2%
Jet Fuel 9/	1.142	1.162	1.182	1.201	1.221	1.240	1.259	1.278	1.297	1.316	1.335	1.354	1.373	1.8%
Distillate Fuel Oil 10/	0.924	0.939	0.956	0.973	0.990	1.009	1.029	1.049	1.070	1.093	1.115	1.138	1.162	1.8%
Residual Fuel Oil	0.272	0.273	0.274	0.274	0.275	0.275	0.276	0.276	0.277	0.278	0.278	0.278	0.279	0.2%
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	45.0%
Other Petroleum 11/	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.030	0.1%
Liquid Fuels and Other Petroleum Subtotal	5.003	5.060	5.091	5.128	5.164	5.201	5.238	5.285	5.328	5.378	5.427	5.477	5.535	0.8%
Pipeline Fuel Natural Gas	0.029	0.029	0.069	0.110	0.110	0.110	0.110	0.109	0.110	0.109	0.109	0.109	0.109	5.7%
Compressed Natural Gas	0.008	0.008	0.008	0.009	0.009	0.009	0.009	0.009	0.010	0.010	0.010	0.010	0.010	5.4%
Electricity	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	1.2%
Delivered Energy	5.042	5.100	5.172	5.249	5.285	5.323	5.360	5.407	5.451	5.500	5.550	5.600	5.658	0.9%
Electricity Related Losses	0.005	0.005	0.005	0.005	0.004	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.0%
Total	5.047	5.104	5.176	5.254	5.290	5.327	5.364	5.411	5.455	5.505	5.554	5.604	5.662	0.9%
Delivered Energy Consumption, All Sectors														
Liquefied Petroleum Gases	0.079	0.076	0.075	0.065	0.065	0.065	0.058	0.058	0.059	0.059	0.061	0.063	0.063	0.1%
E85 8/	0.001	0.269	0.334	0.364	0.379	0.382	0.345	0.371	0.338	0.334	0.307	0.271	0.258	34.7%
Motor Gasoline 2/	2.682	2.436	2.365	2.335	2.319	2.314	2.349	2.331	2.367	2.380	2.415	2.459	2.487	-0.2%
Jet Fuel 9/	1.142	1.162	1.182	1.201	1.221	1.240	1.259	1.278	1.297	1.316	1.335	1.354	1.373	1.8%
Kerosene	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	-1.8%
Distillate Fuel Oil	1.106	1.121	1.138	1.155	1.172	1.191	1.211	1.232	1.254	1.277	1.300	1.324	1.349	1.5%
Residual Fuel Oil	0.273	0.273	0.274	0.274	0.275	0.275	0.276	0.276	0.277	0.278	0.278	0.278	0.279	0.1%
Petrochemical Feedstocks	0.039	0.038	0.038	0.037	0.037	0.036	0.036	0.036	0.035	0.035	0.035	0.034	0.034	-0.5%
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	45.0%
Other Petroleum 12/	0.763	0.762	0.765	0.767	0.769	0.763	0.766	0.766	0.764	0.765	0.768	0.768	0.784	0.3%
Liquid Fuels and Other Petroleum Subtotal	6.088	6.141	6.173	6.203	6.239	6.271	6.304	6.352	6.396	6.447	6.502	6.555	6.630	0.7%
Natural Gas	2.164	2.180	2.198	2.228	2.247	2.270	2.293	2.305	2.325	2.334	2.341	2.350	2.352	0.8%
Natural-Gas-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	--
Lease and Plant Fuel 6/	0.377	0.378	0.433	0.489	0.490	0.491	0.492	0.493	0.494	0.495	0.496	0.496	0.496	1.7%
Pipeline Natural Gas	0.029	0.029	0.069	0.110	0.110	0.110	0.110	0.109	0.110	0.109	0.109	0.109	0.109	5.7%
Natural Gas Subtotal	2.569	2.586	2.700	2.828	2.847	2.871	2.895	2.908	2.928	2.938	2.946	2.955	2.957	1.0%
Metallurgical Coal	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	--
Other Coal	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.054	-0.1%
Coal-to-Liquids Heat and Power	0.006	0.016	0.027	0.045	0.045	0.076	0.077	0.076	0.100	0.125	0.188	0.230	0.230	--
Net Coal Coke Imports	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	--
Coal Subtotal	0.061	0.072	0.082	0.100	0.099	0.131	0.132	0.131	0.155	0.179	0.243	0.285	0.285	7.0%
Biofuels Heat and Coproducts	0.027	0.027	0.047	0.056	0.060	0.060	0.054	0.056	0.055	0.055	0.055	0.055	0.055	15.4%
Renewable Energy 13/	0.202	0.202	0.203	0.204	0.205	0.205	0.207	0.208	0.209	0.210	0.211	0.212	0.214	0.1%
Electricity	1.586	1.602	1.616	1.631	1.648	1.667	1.687	1.705	1.725	1.745	1.766	1.785	1.805	1.1%
Delivered Energy	10.534	10.629	10.822	11.021	11.098	11.205	11.280	11.359	11.469	11.576	11.724	11.847	11.946	0.9%
Electricity Related Losses	2.533	2.523	2.441	2.408	2.384	2.378	2.364	2.331	2.319	2.293	2.260	2.211	2.188	-0.1%
Total	13.067	13.152	13.263	13.429	13.483	13.584	13.644	13.690	13.787	13.869	13.984	14.059	14.133	0.8%
Electric Power 14/														
Distillate Fuel Oil	0.009	0.009	0.009	0.009	0.009	0.009	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.4%
Residual Fuel Oil	0.096	0.096	0.097	0.098	0.099	0.100	0.102	0.103	0.104	0.105	0.106	0.107	0.109	0.2%
Liquid Fuels and Other Petroleum Subtotal	0.104	0.105	0.106	0.107	0.108	0.110	0.112	0.113	0.114	0.115	0.117	0.118	0.119	0.2%
Natural Gas	1.092	1.095	1.022	1.004	0.994	0.992	0.968	0.946	0.951	0.941	0.926	0.901	0.895	-0.4%
Steam Coal	0.192	0.195	0.195	0.195	0.197	0.211	0.240	0.244	0.247	0.249	0.249	0.250	0.250	2.6%
Nuclear Power	0.454	0.454	0.454	0.454	0.454	0.454	0.454	0.454	0.454	0.454	0.454	0.454	0.454	0.0%
Renewable Energy 15/	2.285	2.285	2.285	2.286	2.285	2.287	2.287	2.288	2.287	2.288	2.289	2.289	2.291	0.6%
Electricity Imports	-0.018	-0.020	-0.016	-0.017	-0.017	-0.018	-0.020	-0.019	-0.019	-0.019	-0.026	-0.026	-0.027	1.0%
Total 16/	4.120	4.124	4.057	4.039	4.033	4.046	4.051	4.036	4.044	4.038	4.026	3.996	3.992	0.4%

Table 9. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)-Pacific - 09

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2006-2030
Total Energy Consumption														
Liquefied Petroleum Gases	0.079	0.076	0.075	0.065	0.065	0.065	0.058	0.058	0.059	0.059	0.061	0.063	0.063	0.1%
E85 8/	0.001	0.269	0.334	0.364	0.379	0.382	0.345	0.371	0.338	0.334	0.307	0.271	0.258	34.7%
Motor Gasoline 2/	2.682	2.436	2.365	2.335	2.319	2.314	2.349	2.331	2.367	2.380	2.415	2.459	2.487	-0.2%
Jet Fuel 9/	1.142	1.162	1.182	1.201	1.221	1.240	1.259	1.278	1.297	1.316	1.335	1.354	1.373	1.8%
Kerosene	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	-1.8%
Distillate Fuel Oil	1.115	1.130	1.147	1.164	1.181	1.200	1.221	1.242	1.265	1.288	1.311	1.334	1.360	1.5%
Residual Fuel Oil	0.368	0.370	0.371	0.373	0.374	0.376	0.378	0.379	0.381	0.383	0.384	0.386	0.388	0.2%
Petrochemical Feedstocks	0.039	0.038	0.038	0.037	0.037	0.036	0.036	0.036	0.035	0.035	0.035	0.034	0.034	-0.5%
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	45.0%
Other Petroleum 12/	0.763	0.762	0.765	0.767	0.769	0.763	0.766	0.766	0.764	0.765	0.768	0.768	0.784	0.3%
Liquid Fuels and Other Petroleum Subtotal	6.193	6.246	6.280	6.310	6.348	6.381	6.415	6.465	6.510	6.562	6.619	6.673	6.750	0.7%
Natural Gas	3.256	3.275	3.220	3.232	3.241	3.261	3.262	3.251	3.275	3.275	3.267	3.251	3.246	0.4%
Natural-Gas-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	--
Lease and Plant Fuel 6/	0.377	0.378	0.433	0.489	0.490	0.491	0.492	0.493	0.494	0.495	0.496	0.496	0.496	1.7%
Pipeline Natural Gas	0.029	0.029	0.069	0.110	0.110	0.110	0.110	0.109	0.110	0.109	0.109	0.109	0.109	5.7%
Natural Gas Subtotal	3.661	3.681	3.723	3.831	3.840	3.862	3.864	3.853	3.879	3.879	3.872	3.856	3.852	0.7%
Metallurgical Coal	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	--
Other Coal	0.247	0.250	0.250	0.250	0.252	0.266	0.295	0.299	0.302	0.304	0.304	0.304	0.305	1.9%
Coal-to-Liquids Heat and Power	0.006	0.016	0.027	0.045	0.045	0.076	0.077	0.076	0.100	0.125	0.188	0.230	0.230	--
Net Coal Coke Imports	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	--
Coal Subtotal	0.253	0.266	0.277	0.294	0.297	0.343	0.372	0.375	0.402	0.428	0.492	0.535	0.535	4.3%
Nuclear Power	0.454	0.454	0.454	0.454	0.454	0.454	0.454	0.454	0.454	0.454	0.454	0.454	0.454	0.0%
Biofuels Heat and Coproducts	0.027	0.027	0.047	0.056	0.060	0.060	0.054	0.056	0.055	0.055	0.055	0.055	0.055	15.4%
Renewable Energy 17/	2.486	2.487	2.488	2.490	2.490	2.492	2.494	2.496	2.496	2.498	2.500	2.502	2.504	0.6%
Electricity Imports	-0.018	-0.020	-0.016	-0.017	-0.017	-0.018	-0.020	-0.019	-0.019	-0.019	-0.019	-0.026	-0.027	1.0%
Total	13.067	13.152	13.263	13.429	13.483	13.584	13.644	13.690	13.787	13.869	13.984	14.059	14.133	0.8%
Energy Use & Related Statistics														
Delivered Energy Use	10.534	10.629	10.822	11.021	11.098	11.205	11.280	11.359	11.469	11.576	11.724	11.847	11.946	0.9%
Total Energy Use	13.067	13.152	13.263	13.429	13.483	13.584	13.644	13.690	13.787	13.869	13.984	14.059	14.133	0.8%
Population (millions)	55.246	55.826	56.409	56.996	57.593	58.197	58.810	59.431	60.054	60.681	61.310	61.943	62.580	1.1%
Carbon Dioxide Emissions (million metric tons)	637.48	632.73	635.55	643.35	646.30	654.07	661.19	663.24	671.63	678.04	688.64	696.78	702.63	0.7%

Table 9. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)-Pacific - 09

1/ Includes wood used for residential heating. See Table 4 and/or Table 17 for estimates of nonmarketed renewable energy consumption for geothermal heat pumps, solar thermal hot water heating, and solar photovoltaic electricity generation.

2/ Includes ethanol (blends of 10 percent or less) and ethers blended into gasoline.

3/ Includes commercial sector consumption of wood and wood waste, landfill gas, municipal solid waste, and other biomass for combined heat and power.

4/ Includes energy for combined heat and power plants, except those whose primary business is to sell electricity, or electricity and heat, to the public.

5/ Includes petroleum coke, asphalt, road oil, lubricants, still gas, and miscellaneous petroleum products.

6/ Represents natural gas used in well, field, and lease operations, and in natural gas processing plant machinery.

7/ Includes consumption of energy produced from hydroelectric, wood and wood waste, municipal solid waste, and other biomass sources.

8/ E85 refers to a blend of 85 percent ethanol (renewable) and 15 percent motor gasoline (nonrenewable). To address cold starting issues, the percentage of ethanol varies seasonally. The annual average ethanol content of 74 percent is used for this forecast.

9/ Includes only kerosene type.

10/ Diesel fuel for on- and off- road use.

11/ Includes aviation gasoline and lubricants.

12/ Includes unfinished oils, natural gasoline, motor gasoline blending components, aviation gasoline, lubricants, still gas, asphalt, road oil, petroleum coke, and miscellaneous petroleum products.

13/ Includes electricity generated for sale to the grid and for own use from renewable sources, and non-electric energy from renewable sources. Excludes nonmarketed renewable energy consumption for geothermal heat pumps, buildings photovoltaic systems, and solar thermal hot water heaters.

14/ Includes consumption of energy by electricity-only and combined heat and power plants whose primary business is to sell electricity, or electricity and heat, to the public. Includes small power producers and exempt wholesale generators.

15/ Includes conventional hydroelectric, geothermal, wood and wood waste, biogenic municipal solid waste, other biomass, petroleum coke, wind, photovoltaic and solar thermal sources. Excludes net electricity imports.

16/ Includes non-biogenic municipal waste not included above.

17/ Includes hydroelectric, geothermal, wood and wood waste, biogenic municipal solid waste, other biomass, wind, photovoltaic and solar thermal sources. Includes ethanol components of E85; excludes ethanol blends (10 percent or less) in motor gasoline. Excludes net electricity imports and nonmarketed renewable energy consumption for geothermal heat pumps, buildings photovoltaic systems, and solar thermal hot water heaters.

Btu = British thermal unit.

-- = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Data for 2005 and 2006 are model results and may differ slightly from official EIA data reports. Consumption values of 0.00 are values that round to 0.00, because they are less than 0.005.

Sources: 2005 and 2006 consumption based on: Energy Information Administration (EIA), Annual Energy Review 2006, DOE/EIA-0384(2006) (Washington, DC, June 2007). 2005 and 2006 population and gross domestic product: Global Insight, Global Insight Industry and Employment models, July 2007. 2005 and 2006 carbon dioxide emissions: EIA, Emissions of Greenhouse Gases in the United States 2006, DOE/EIA-0573(2006) (Washington, DC, December 2007). Projections: EIA, AEO2008 National Energy Modeling System run aeo2008.d030208f.

Table 10. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)-United States

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Residential													
Liquefied Petroleum Gases	0.50	0.47	0.49	0.50	0.49	0.48	0.48	0.49	0.49	0.50	0.50	0.50	0.51
Kerosene	0.09	0.07	0.09	0.09	0.09	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
Distillate Fuel Oil	0.85	0.70	0.79	0.80	0.78	0.75	0.76	0.76	0.76	0.75	0.75	0.75	0.75
Liquid Fuels and Other Petroleum Subtotal	1.45	1.25	1.37	1.39	1.35	1.31	1.32	1.33	1.33	1.33	1.33	1.34	1.34
Natural Gas	4.97	4.50	4.87	4.98	5.04	4.95	5.00	5.06	5.08	5.12	5.16	5.21	5.23
Coal	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Renewable Energy 1/	0.45	0.41	0.46	0.49	0.46	0.44	0.43	0.43	0.43	0.42	0.42	0.41	0.41
Electricity	4.64	4.61	4.75	4.79	4.87	4.95	5.00	5.07	4.97	4.99	5.02	5.08	5.12
Delivered Energy	11.52	10.77	11.45	11.67	11.73	11.66	11.76	11.89	11.82	11.87	11.95	12.06	12.10
Electricity Related Losses	10.12	10.04	10.27	10.32	10.48	10.59	10.66	10.77	10.56	10.57	10.61	10.70	10.77
Total	21.64	20.82	21.72	21.99	22.21	22.25	22.42	22.65	22.37	22.45	22.56	22.76	22.87
Commercial													
Liquefied Petroleum Gases	0.09	0.08	0.09	0.09	0.08	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09
Motor Gasoline 2/	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Kerosene	0.02	0.02	0.02	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Distillate Fuel Oil	0.45	0.42	0.43	0.43	0.38	0.38	0.39	0.39	0.40	0.40	0.41	0.41	0.41
Residual Fuel Oil	0.12	0.11	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
Liquid Fuels and Other Petroleum Subtotal	0.72	0.68	0.68	0.69	0.63	0.63	0.64	0.65	0.66	0.66	0.67	0.67	0.68
Natural Gas	3.09	2.92	3.11	3.15	3.04	3.04	3.10	3.15	3.20	3.25	3.29	3.34	3.37
Coal	0.09	0.08	0.07	0.09	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
Renewable Energy 3/	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13
Electricity	4.35	4.43	4.58	4.62	4.67	4.73	4.81	4.89	4.99	5.09	5.19	5.29	5.39
Delivered Energy	8.38	8.25	8.57	8.66	8.54	8.62	8.76	8.91	9.05	9.21	9.37	9.52	9.65
Electricity Related Losses	9.50	9.66	9.90	9.94	10.04	10.12	10.26	10.40	10.79	10.98	11.16	11.34	11.34
Total	17.87	17.91	18.47	18.60	18.58	18.74	19.02	19.31	19.65	20.01	20.34	20.67	20.99
Industrial 4/													
Liquefied Petroleum Gases	2.07	2.09	2.12	2.15	2.15	2.12	2.10	2.06	2.02	1.99	1.97	1.95	1.92
Motor Gasoline 2/	0.37	0.38	0.38	0.38	0.37	0.38	0.38	0.38	0.37	0.37	0.37	0.38	0.37
Distillate Fuel Oil	1.26	1.28	1.31	1.33	1.28	1.29	1.30	1.28	1.26	1.25	1.25	1.26	1.25
Residual Fuel Oil	0.28	0.28	0.30	0.31	0.29	0.28	0.26	0.26	0.24	0.24	0.25	0.25	0.25
Petrochemical Feedstocks	1.41	1.41	1.28	1.29	1.32	1.36	1.40	1.43	1.46	1.45	1.45	1.44	1.43
Other Petroleum 5/	4.39	4.48	4.35	4.39	4.06	4.25	4.30	4.30	4.29	4.29	4.30	4.28	4.26
Liquid Fuels and Other Petroleum Subtotal	9.79	9.92	9.74	9.84	9.47	9.67	9.74	9.71	9.64	9.60	9.60	9.56	9.49
Natural Gas	6.79	6.68	6.79	6.84	7.11	7.16	7.24	7.25	7.24	7.23	7.21	7.18	7.16
Natural-Gas-to-Liquids Heat and Power	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
Lease and Plant Fuel 6/	1.14	1.17	1.18	1.17	1.19	1.21	1.21	1.22	1.22	1.22	1.22	1.23	1.23
Natural Gas Subtotal	7.93	7.85	7.97	8.01	8.30	8.37	8.46	8.47	8.46	8.45	8.43	8.41	8.39
Metallurgical Coal	0.62	0.60	0.61	0.63	0.61	0.60	0.59	0.57	0.55	0.54	0.54	0.54	0.54
Other Industrial Coal	1.28	1.26	1.30	1.36	1.32	1.31	1.29	1.26	1.23	1.22	1.22	1.21	1.21
Coal-to-Liquids Heat and Power	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.15	0.10	0.09	0.13	0.18	0.25
Net Coal Coke Imports	0.04	0.06	0.03	0.07	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
Coal Subtotal	1.95	1.92	1.94	2.06	1.97	1.93	2.02	2.01	1.91	1.89	1.92	1.97	2.03
Biofuels Heat and Coproducts	0.24	0.30	0.40	0.69	0.54	0.67	0.71	0.74	0.85	0.92	1.00	1.05	1.13
Renewable Energy 7/	1.64	1.69	1.74	1.77	1.62	1.66	1.70	1.71	1.71	1.73	1.75	1.77	1.78
Electricity	3.48	3.42	3.43	3.44	3.42	3.50	3.57	3.59	3.59	3.60	3.61	3.62	3.62
Delivered Energy	25.03	25.10	25.22	25.82	25.32	25.82	26.19	26.22	26.17	26.18	26.31	26.37	26.44
Electricity Related Losses	7.59	7.45	7.41	7.40	7.36	7.50	7.61	7.63	7.64	7.63	7.63	7.63	7.62
Total	32.62	32.55	32.63	33.22	32.68	33.32	33.80	33.85	33.81	33.81	33.93	34.00	34.06

Table 10. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)-United States

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Transportation													
Liquefied Petroleum Gases	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01
E85 8/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.18	0.28	0.39
Motor Gasoline 2/	17.02	17.20	17.32	17.22	17.21	17.25	17.28	17.40	17.50	17.54	17.46	17.42	17.32
Jet Fuel 9/	3.22	3.16	3.19	3.27	3.34	3.44	3.55	3.65	3.70	3.76	3.82	3.89	3.96
Distillate Fuel Oil 10/	5.99	6.18	6.27	6.27	6.35	6.54	6.74	6.87	6.96	7.04	7.13	7.24	7.32
Residual Fuel Oil	0.83	0.83	0.89	0.87	0.86	0.85	0.84	0.84	0.85	0.85	0.85	0.85	0.85
Liquid Hydrogen	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
Other Petroleum 11/	0.19	0.18	0.17	0.17	0.17	0.17	0.17	0.17	0.18	0.18	0.18	0.18	0.18
Liquid Fuels and Other Petroleum Subtotal	27.26	27.57	27.85	27.83	27.96	28.29	28.61	28.95	29.20	29.42	29.63	29.87	30.03
Pipeline Fuel Natural Gas	0.60	0.59	0.63	0.62	0.63	0.64	0.64	0.65	0.65	0.65	0.66	0.66	0.66
Compressed Natural Gas	0.02	0.02	0.02	0.03	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06
Electricity	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03
Delivered Energy	27.90	28.20	28.53	28.49	28.65	28.98	29.32	29.67	29.92	30.15	30.37	30.62	30.78
Electricity Related Losses	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Total	27.95	28.25	28.58	28.54	28.70	29.03	29.37	29.72	29.97	30.20	30.42	30.67	30.83
Delivered Energy Consumption, All Sectors													
Liquefied Petroleum Gases	2.68	2.65	2.72	2.75	2.73	2.70	2.69	2.65	2.61	2.59	2.57	2.56	2.53
E85 8/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.18	0.28	0.39
Motor Gasoline 2/	17.44	17.62	17.74	17.66	17.63	17.68	17.71	17.83	17.93	17.97	17.89	17.85	17.75
Jet Fuel 9/	3.22	3.16	3.19	3.27	3.34	3.44	3.55	3.65	3.70	3.76	3.82	3.89	3.96
Kerosene	0.14	0.11	0.12	0.13	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
Distillate Fuel Oil	8.56	8.59	8.79	8.82	8.79	8.97	9.18	9.30	9.37	9.45	9.55	9.66	9.73
Residual Fuel Oil	1.22	1.23	1.29	1.29	1.26	1.23	1.20	1.21	1.19	1.19	1.21	1.21	1.20
Petrochemical Feedstocks	1.41	1.41	1.28	1.29	1.32	1.36	1.40	1.43	1.46	1.45	1.45	1.44	1.43
Liquid Hydrogen	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
Other Petroleum 12/	4.55	4.64	4.50	4.54	4.21	4.40	4.46	4.45	4.44	4.44	4.45	4.44	4.41
Liquid Fuels and Other Petroleum Subtotal	39.23	39.41	39.64	39.74	39.41	39.90	40.31	40.64	40.82	41.01	41.23	41.44	41.53
Natural Gas	14.86	14.12	14.80	14.99	15.22	15.19	15.38	15.50	15.57	15.65	15.72	15.79	15.82
Natural-Gas-to-Liquids Heat and Power	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
Lease and Plant Fuel 6/	1.14	1.17	1.18	1.17	1.19	1.21	1.21	1.22	1.22	1.22	1.22	1.23	1.23
Pipeline Natural Gas	0.60	0.59	0.63	0.62	0.63	0.64	0.64	0.65	0.65	0.65	0.66	0.66	0.66
Natural Gas Subtotal	16.61	15.88	16.61	16.78	17.04	17.04	17.24	17.37	17.44	17.52	17.60	17.68	17.71
Metallurgical Coal	0.62	0.60	0.61	0.63	0.61	0.60	0.59	0.57	0.55	0.54	0.54	0.54	0.54
Other Coal	1.38	1.35	1.38	1.45	1.42	1.40	1.38	1.35	1.32	1.31	1.31	1.31	1.30
Coal-to-Liquids Heat and Power	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.15	0.10	0.09	0.13	0.18	0.25
Net Coal Coke Imports	0.04	0.06	0.03	0.07	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
Coal Subtotal	2.04	2.02	2.02	2.15	2.06	2.03	2.11	2.10	2.00	1.98	2.01	2.06	2.12
Biofuels Heat and Coproducts	0.24	0.30	0.40	0.69	0.54	0.67	0.71	0.74	0.85	0.92	1.00	1.05	1.13
Renewable Energy 13/	2.22	2.23	2.33	2.40	2.21	2.23	2.26	2.27	2.27	2.28	2.29	2.31	2.32
Electricity	12.49	12.49	12.77	12.87	12.99	13.20	13.40	13.57	13.58	13.70	13.85	14.02	14.15
Delivered Energy	72.82	72.32	73.77	74.64	74.25	75.08	76.03	76.69	76.95	77.41	77.99	78.56	78.96
Electricity Related Losses	27.26	27.19	27.63	27.71	27.93	28.26	28.58	28.85	28.85	29.05	29.27	29.54	29.79
Total	100.08	99.52	101.40	102.34	102.18	103.34	104.61	105.53	105.81	106.46	107.26	108.10	108.75
Electric Power 14/													
Distillate Fuel Oil	0.21	0.18	0.17	0.17	0.17	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18
Residual Fuel Oil	1.03	0.46	0.38	0.37	0.38	0.38	0.38	0.38	0.38	0.38	0.39	0.39	0.39
Liquid Fuels and Other Petroleum Subtotal	1.24	0.64	0.55	0.54	0.55	0.56	0.56	0.57	0.57	0.56	0.57	0.57	0.57
Natural Gas	6.04	6.42	6.97	7.02	6.96	6.89	6.82	6.86	6.60	6.59	6.75	6.85	6.77
Steam Coal	20.74	20.48	20.68	20.58	20.80	21.01	21.42	21.67	21.82	22.04	22.18	22.36	22.66
Nuclear Power	8.16	8.21	8.34	8.34	8.29	8.31	8.34	8.36	8.38	8.40	8.41	8.44	8.51
Renewable Energy 15/	3.36	3.74	3.65	3.89	4.12	4.53	4.68	4.78	4.88	4.96	5.05	5.16	5.24
Electricity Imports	0.08	0.06	0.09	0.09	0.08	0.05	0.05	0.06	0.07	0.06	0.04	0.04	0.05
Total 16/	39.75	39.68	40.40	40.58	40.91	41.46	41.98	42.42	42.43	42.75	43.12	43.55	43.94

Table 10. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)-United States

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Total Energy Consumption													
Liquefied Petroleum Gases	2.68	2.65	2.72	2.75	2.73	2.70	2.69	2.65	2.61	2.59	2.57	2.56	2.53
E85 8/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.18	0.28	0.39
Motor Gasoline 2/	17.44	17.62	17.74	17.66	17.63	17.68	17.71	17.83	17.93	17.97	17.89	17.85	17.75
Jet Fuel 9/	3.22	3.16	3.19	3.27	3.34	3.44	3.55	3.65	3.70	3.76	3.82	3.89	3.96
Kerosene	0.14	0.11	0.12	0.13	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
Distillate Fuel Oil	8.76	8.77	8.96	8.99	8.96	9.15	9.36	9.49	9.55	9.62	9.73	9.84	9.92
Residual Fuel Oil	2.26	1.69	1.68	1.66	1.64	1.60	1.58	1.59	1.57	1.57	1.59	1.60	1.59
Petrochemical Feedstocks	1.41	1.41	1.28	1.29	1.32	1.36	1.40	1.43	1.46	1.45	1.45	1.44	1.43
Liquid Hydrogen	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
Other Petroleum 12/	4.55	4.64	4.50	4.54	4.21	4.40	4.46	4.45	4.44	4.44	4.45	4.44	4.41
Liquid Fuels and Other Petroleum Subtotal	40.47	40.06	40.19	40.29	39.96	40.46	40.87	41.21	41.39	41.57	41.80	42.01	42.10
Natural Gas	20.90	20.54	21.76	22.01	22.17	22.08	22.20	22.36	22.17	22.24	22.47	22.64	22.58
Natural-Gas-to-Liquids Heat and Power	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
Lease and Plant Fuel 6/	1.14	1.17	1.18	1.17	1.19	1.21	1.21	1.22	1.22	1.22	1.22	1.23	1.23
Pipeline Natural Gas	0.60	0.59	0.63	0.62	0.63	0.64	0.64	0.65	0.65	0.65	0.66	0.66	0.66
Natural Gas Subtotal	22.65	22.30	23.58	23.79	24.00	23.93	24.06	24.23	24.04	24.11	24.35	24.53	24.48
Metallurgical Coal	0.62	0.60	0.61	0.63	0.61	0.60	0.59	0.57	0.55	0.54	0.54	0.54	0.54
Other Coal	22.12	21.83	22.06	22.03	22.21	22.41	22.79	23.02	23.14	23.36	23.49	23.67	23.96
Coal-to-Liquids Heat and Power	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.15	0.10	0.09	0.13	0.18	0.25
Net Coal Coke Imports	0.04	0.06	0.03	0.07	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
Coal Subtotal	22.78	22.50	22.70	22.73	22.86	23.03	23.53	23.76	23.81	24.02	24.19	24.42	24.78
Nuclear Power	8.16	8.21	8.34	8.34	8.29	8.31	8.34	8.36	8.38	8.40	8.41	8.44	8.51
Biofuels Heat and Coproducts	0.24	0.30	0.40	0.69	0.54	0.67	0.71	0.74	0.85	0.92	1.00	1.05	1.13
Renewable Energy 17/	5.58	5.97	5.98	6.28	6.33	6.76	6.94	7.05	7.15	7.24	7.34	7.47	7.57
Electricity Imports	0.08	0.06	0.09	0.09	0.08	0.05	0.05	0.06	0.07	0.06	0.04	0.04	0.05
Total	100.08	99.52	101.40	102.34	102.18	103.34	104.61	105.53	105.81	106.46	107.26	108.10	108.75
Energy Use & Related Statistics													
Delivered Energy Use	72.82	72.32	73.77	74.64	74.25	75.08	76.03	76.69	76.95	77.41	77.99	78.56	78.96
Total Energy Use	100.08	99.52	101.40	102.34	102.18	103.34	104.61	105.53	105.81	106.46	107.26	108.10	108.75
Population (millions)	297.34	300.13	302.83	305.52	308.19	310.85	313.52	316.20	318.89	321.59	324.29	326.98	329.68
Carbon Dioxide Emissions (million metric tons)	5981.5	5890.3	5976.7	5983.1	5978.0	6010.6	6087.5	6144.2	6154.0	6187.1	6226.2	6271.8	6308.3

Table 10. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)-United States

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2006-2030
Residential														
Liquefied Petroleum Gases	0.51	0.51	0.52	0.52	0.53	0.53	0.53	0.54	0.54	0.54	0.55	0.55	0.55	0.7%
Kerosene	0.08	0.08	0.08	0.08	0.08	0.08	0.09	0.08	0.08	0.08	0.08	0.08	0.08	0.5%
Distillate Fuel Oil	0.74	0.73	0.73	0.72	0.71	0.71	0.70	0.69	0.68	0.68	0.67	0.66	0.65	-0.3%
Liquid Fuels and Other Petroleum Subtotal	1.34	1.33	1.33	1.33	1.32	1.32	1.32	1.31	1.31	1.30	1.30	1.29	1.29	0.1%
Natural Gas	5.25	5.27	5.30	5.32	5.33	5.34	5.36	5.35	5.35	5.35	5.36	5.33	5.32	0.7%
Coal	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-0.4%
Renewable Energy 1/	0.41	0.41	0.40	0.40	0.40	0.40	0.39	0.39	0.39	0.39	0.38	0.38	0.38	-0.3%
Electricity	5.17	5.21	5.25	5.29	5.34	5.40	5.47	5.53	5.60	5.67	5.75	5.81	5.88	1.0%
Delivered Energy	12.17	12.23	12.30	12.34	12.40	12.46	12.56	12.58	12.65	12.72	12.80	12.82	12.88	0.7%
Electricity Related Losses	10.88	10.99	11.08	11.13	11.22	11.33	11.47	11.57	11.69	11.82	11.96	12.03	12.14	0.8%
Total	23.05	23.21	23.39	23.46	23.62	23.79	24.02	24.15	24.34	24.53	24.76	24.85	25.01	0.8%
Commercial														
Liquefied Petroleum Gases	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.6%
Motor Gasoline 2/	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.4%
Kerosene	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.2%
Distillate Fuel Oil	0.42	0.41	0.41	0.41	0.42	0.42	0.42	0.42	0.42	0.41	0.41	0.41	0.41	0.0%
Residual Fuel Oil	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	-0.4%
Liquid Fuels and Other Petroleum Subtotal	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.0%
Natural Gas	3.40	3.43	3.47	3.51	3.55	3.58	3.60	3.63	3.66	3.69	3.72	3.75	3.78	1.1%
Coal	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	-0.1%
Renewable Energy 3/	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.0%
Electricity	5.48	5.57	5.67	5.77	5.86	5.96	6.05	6.15	6.24	6.34	6.43	6.53	6.62	1.7%
Delivered Energy	9.77	9.90	10.03	10.17	10.30	10.43	10.55	10.67	10.80	10.93	11.05	11.18	11.30	1.3%
Electricity Related Losses	11.54	11.74	11.96	12.14	12.31	12.50	12.68	12.87	13.04	13.21	13.38	13.53	13.68	1.5%
Total	21.32	21.64	21.98	22.31	22.62	22.93	23.23	23.54	23.84	24.14	24.43	24.70	24.98	1.4%
Industrial 4/														
Liquefied Petroleum Gases	1.89	1.86	1.83	1.80	1.79	1.77	1.75	1.74	1.74	1.73	1.72	1.71	1.71	-0.8%
Motor Gasoline 2/	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.38	0.38	0.38	0.38	0.38	0.38	0.1%
Distillate Fuel Oil	1.25	1.24	1.23	1.23	1.22	1.22	1.22	1.22	1.23	1.23	1.23	1.23	1.23	-0.2%
Residual Fuel Oil	0.24	0.24	0.23	0.23	0.23	0.23	0.23	0.23	0.22	0.23	0.23	0.23	0.23	-0.9%
Petrochemical Feedstocks	1.42	1.40	1.39	1.37	1.36	1.35	1.34	1.33	1.33	1.32	1.31	1.30	1.29	-0.4%
Other Petroleum 5/	4.25	4.24	4.22	4.22	4.23	4.21	4.23	4.25	4.26	4.31	4.34	4.35	4.41	-0.1%
Liquid Fuels and Other Petroleum Subtotal	9.42	9.34	9.27	9.22	9.20	9.15	9.14	9.15	9.16	9.20	9.21	9.20	9.25	-0.3%
Natural Gas	7.15	7.13	7.14	7.19	7.19	7.19	7.18	7.17	7.17	7.16	7.13	7.11	7.08	0.2%
Natural-Gas-to-Liquids Heat and Power	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	--
Lease and Plant Fuel 6/	1.23	1.22	1.25	1.28	1.29	1.28	1.28	1.27	1.28	1.28	1.27	1.27	1.27	0.3%
Natural Gas Subtotal	8.38	8.35	8.39	8.47	8.48	8.47	8.45	8.44	8.45	8.44	8.41	8.38	8.35	0.3%
Metallurgical Coal	0.54	0.54	0.54	0.54	0.53	0.53	0.53	0.52	0.52	0.51	0.50	0.49	0.48	-0.9%
Other Industrial Coal	1.21	1.20	1.20	1.20	1.20	1.19	1.19	1.19	1.19	1.19	1.18	1.18	1.18	-0.3%
Coal-to-Liquids Heat and Power	0.33	0.34	0.34	0.37	0.37	0.39	0.39	0.39	0.42	0.45	0.51	0.55	0.55	31.6%
Net Coal Coke Imports	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	-1.8%
Coal Subtotal	2.11	2.11	2.11	2.14	2.13	2.16	2.15	2.14	2.17	2.18	2.24	2.27	2.26	0.7%
Biofuels Heat and Coproducts	1.20	1.32	1.49	1.80	2.14	2.16	2.22	2.28	2.32	2.32	2.32	2.31	2.31	8.9%
Renewable Energy 7/	1.80	1.82	1.83	1.85	1.87	1.89	1.91	1.93	1.95	1.97	1.98	2.00	2.02	0.7%
Electricity	3.62	3.60	3.59	3.58	3.57	3.56	3.56	3.55	3.55	3.55	3.54	3.53	3.52	0.1%
Delivered Energy	26.53	26.54	26.70	27.07	27.39	27.39	27.42	27.50	27.59	27.65	27.69	27.68	27.70	0.4%
Electricity Related Losses	7.61	7.59	7.57	7.54	7.50	7.48	7.45	7.43	7.42	7.40	7.36	7.31	7.28	-0.1%
Total	34.14	34.13	34.27	34.62	34.90	34.87	34.87	34.93	35.01	35.05	35.05	34.99	34.98	0.3%

Table 10. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)-United States

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2006-2030
Transportation														
Liquefied Petroleum Gases	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-1.0%
E85 8/	0.48	0.74	0.97	1.25	1.64	1.57	1.52	1.42	1.37	1.38	1.37	1.32	1.34	33.5%
Motor Gasoline 2/	17.21	16.90	16.56	16.25	15.79	15.80	15.81	15.83	15.87	15.85	15.88	15.95	15.97	-0.3%
Jet Fuel 9/	4.02	4.09	4.15	4.22	4.28	4.35	4.41	4.48	4.54	4.60	4.66	4.73	4.79	1.8%
Distillate Fuel Oil 10/	7.41	7.51	7.63	7.75	7.86	7.99	8.12	8.25	8.39	8.53	8.68	8.82	8.98	1.6%
Residual Fuel Oil	0.85	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.87	0.87	0.87	0.87	0.87	0.2%
Liquid Hydrogen	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	44.8%
Other Petroleum 11/	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.0%
Liquid Fuels and Other Petroleum Subtotal	30.17	30.29	30.37	30.51	30.63	30.77	30.91	31.03	31.22	31.43	31.65	31.89	32.15	0.6%
Pipeline Fuel Natural Gas	0.66	0.66	0.69	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.8%
Compressed Natural Gas	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.08	0.08	0.08	6.0%
Electricity	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	1.3%
Delivered Energy	30.92	31.04	31.15	31.33	31.45	31.59	31.74	31.86	32.05	32.27	32.49	32.72	32.98	0.7%
Electricity Related Losses	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	1.1%
Total	30.98	31.10	31.21	31.39	31.51	31.65	31.80	31.92	32.11	32.33	32.55	32.78	33.04	0.7%
Delivered Energy Consumption, All Sectors														
Liquefied Petroleum Gases	2.50	2.48	2.45	2.43	2.42	2.40	2.39	2.39	2.39	2.38	2.38	2.37	2.37	-0.5%
E85 8/	0.48	0.74	0.97	1.25	1.64	1.57	1.52	1.42	1.37	1.38	1.37	1.32	1.34	33.5%
Motor Gasoline 2/	17.64	17.33	16.99	16.67	16.21	16.23	16.23	16.26	16.30	16.29	16.32	16.39	16.40	-0.3%
Jet Fuel 9/	4.02	4.09	4.15	4.22	4.28	4.35	4.41	4.48	4.54	4.60	4.66	4.73	4.79	1.8%
Kerosene	0.12	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.4%
Distillate Fuel Oil	9.81	9.90	10.00	10.11	10.21	10.33	10.45	10.58	10.71	10.85	10.99	11.13	11.28	1.1%
Residual Fuel Oil	1.20	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.20	1.20	1.20	1.20	-0.1%
Petrochemical Feedstocks	1.42	1.40	1.39	1.37	1.36	1.35	1.34	1.33	1.33	1.32	1.31	1.30	1.29	-0.4%
Liquid Hydrogen	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	44.8%
Other Petroleum 12/	4.41	4.39	4.38	4.37	4.39	4.37	4.41	4.42	4.42	4.47	4.49	4.51	4.56	-0.1%
Liquid Fuels and Other Petroleum Subtotal	41.61	41.64	41.65	41.73	41.83	41.92	42.05	42.17	42.37	42.62	42.85	43.07	43.37	0.4%
Natural Gas	15.87	15.90	15.98	16.09	16.14	16.19	16.22	16.22	16.27	16.28	16.30	16.28	16.27	0.6%
Natural-Gas-to-Liquids Heat and Power	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	--
Lease and Plant Fuel 6/	1.23	1.22	1.25	1.28	1.29	1.28	1.28	1.27	1.28	1.28	1.27	1.27	1.27	0.3%
Pipeline Natural Gas	0.66	0.66	0.69	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.8%
Natural Gas Subtotal	17.76	17.78	17.93	18.10	18.15	18.19	18.22	18.22	18.27	18.28	18.29	18.27	18.26	0.6%
Metallurgical Coal	0.54	0.54	0.54	0.54	0.53	0.53	0.53	0.52	0.52	0.51	0.50	0.49	0.48	-0.9%
Other Coal	1.30	1.29	1.29	1.29	1.29	1.29	1.28	1.28	1.28	1.28	1.28	1.27	1.27	-0.3%
Coal-to-Liquids Heat and Power	0.33	0.34	0.34	0.37	0.37	0.39	0.39	0.39	0.42	0.45	0.51	0.55	0.55	31.6%
Net Coal Coke Imports	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	-1.8%
Coal Subtotal	2.20	2.20	2.21	2.23	2.23	2.25	2.24	2.23	2.26	2.28	2.33	2.36	2.35	0.6%
Biofuels Heat and Coproducts	1.20	1.32	1.49	1.80	2.14	2.16	2.22	2.28	2.32	2.32	2.32	2.31	2.31	8.9%
Renewable Energy 13/	2.34	2.35	2.37	2.38	2.40	2.41	2.43	2.45	2.47	2.48	2.50	2.51	2.52	0.5%
Electricity	14.29	14.42	14.54	14.66	14.81	14.95	15.11	15.26	15.42	15.59	15.75	15.89	16.05	1.1%
Delivered Energy	79.39	79.71	80.18	80.91	81.55	81.88	82.27	82.61	83.10	83.56	84.03	84.40	84.86	0.7%
Electricity Related Losses	30.09	30.37	30.67	30.87	31.09	31.36	31.66	31.93	32.20	32.48	32.75	32.93	33.16	0.8%
Total	109.48	110.08	110.85	111.78	112.64	113.24	113.92	114.54	115.30	116.04	116.79	117.33	118.01	0.7%
Electric Power 14/														
Distillate Fuel Oil	0.19	0.19	0.20	0.20	0.21	0.21	0.21	0.21	0.22	0.22	0.22	0.23	0.23	0.9%
Residual Fuel Oil	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.40	0.40	0.40	0.40	0.40	0.40	-0.6%
Liquid Fuels and Other Petroleum Subtotal	0.57	0.58	0.59	0.59	0.60	0.60	0.61	0.61	0.62	0.62	0.62	0.63	0.63	-0.1%
Natural Gas	6.55	6.33	6.09	5.93	5.83	5.68	5.56	5.45	5.40	5.36	5.31	5.18	5.13	-0.9%
Steam Coal	23.07	23.39	23.67	24.06	24.38	24.76	25.17	25.51	25.86	26.25	26.63	27.02	27.55	1.2%
Nuclear Power	8.64	8.83	9.05	9.11	9.21	9.30	9.39	9.50	9.59	9.65	9.66	9.68	9.57	0.6%
Renewable Energy 15/	5.37	5.48	5.64	5.67	5.71	5.79	5.86	5.94	5.98	6.01	6.10	6.12	6.13	2.1%
Electricity Imports	0.05	0.06	0.04	0.05	0.05	0.05	0.06	0.05	0.05	0.05	0.05	0.07	0.08	1.0%
Total 16/	44.38	44.79	45.21	45.53	45.90	46.31	46.77	47.19	47.62	48.07	48.51	48.82	49.21	0.9%

Table 10. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)-United States

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2006-2030
Total Energy Consumption														
Liquefied Petroleum Gases	2.50	2.48	2.45	2.43	2.42	2.40	2.39	2.39	2.39	2.38	2.38	2.37	2.37	-0.5%
E85 8/	0.48	0.74	0.97	1.25	1.64	1.57	1.52	1.42	1.37	1.38	1.37	1.32	1.34	33.5%
Motor Gasoline 2/	17.64	17.33	16.99	16.67	16.21	16.23	16.23	16.26	16.30	16.29	16.32	16.39	16.40	-0.3%
Jet Fuel 9/	4.02	4.09	4.15	4.22	4.28	4.35	4.41	4.48	4.54	4.60	4.66	4.73	4.79	1.8%
Kerosene	0.12	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.4%
Distillate Fuel Oil	10.00	10.09	10.20	10.31	10.42	10.53	10.66	10.79	10.93	11.07	11.22	11.35	11.51	1.1%
Residual Fuel Oil	1.59	1.58	1.58	1.58	1.59	1.59	1.59	1.59	1.59	1.59	1.60	1.60	1.60	-0.2%
Petrochemical Feedstocks	1.42	1.40	1.39	1.37	1.36	1.35	1.34	1.33	1.33	1.32	1.31	1.30	1.29	-0.4%
Liquid Hydrogen	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	44.8%
Other Petroleum 12/	4.41	4.39	4.38	4.37	4.39	4.37	4.38	4.41	4.42	4.47	4.49	4.51	4.56	-0.1%
Liquid Fuels and Other Petroleum Subtotal	42.18	42.22	42.24	42.33	42.43	42.52	42.66	42.78	42.98	43.24	43.47	43.69	43.99	0.4%
Natural Gas	22.42	22.23	22.07	22.02	21.97	21.86	21.78	21.67	21.67	21.65	21.61	21.46	21.40	0.2%
Natural-Gas-to-Liquids Heat and Power	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	--
Lease and Plant Fuel 6/	1.23	1.22	1.25	1.28	1.29	1.28	1.28	1.27	1.28	1.28	1.27	1.27	1.27	0.3%
Pipeline Natural Gas	0.66	0.66	0.69	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.8%
Natural Gas Subtotal	24.31	24.11	24.01	24.02	23.98	23.86	23.78	23.66	23.67	23.64	23.60	23.44	23.39	0.2%
Metallurgical Coal	0.54	0.54	0.54	0.54	0.53	0.53	0.53	0.52	0.52	0.51	0.50	0.49	0.48	-0.9%
Other Coal	24.36	24.68	24.96	25.35	25.67	26.05	26.45	26.79	27.13	27.52	27.91	28.29	28.82	1.2%
Coal-to-Liquids Heat and Power	0.33	0.34	0.34	0.37	0.37	0.39	0.39	0.39	0.42	0.45	0.51	0.55	0.55	31.6%
Net Coal Coke Imports	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	-1.8%
Coal Subtotal	25.27	25.59	25.87	26.28	26.60	27.01	27.41	27.75	28.11	28.52	28.96	29.38	29.90	1.2%
Nuclear Power	8.64	8.83	9.05	9.11	9.21	9.30	9.39	9.50	9.59	9.65	9.66	9.68	9.57	0.6%
Biofuels Heat and Coproducts	1.20	1.32	1.49	1.80	2.14	2.16	2.22	2.28	2.32	2.32	2.32	2.31	2.31	8.9%
Renewable Energy 17/	7.71	7.83	8.01	8.05	8.11	8.21	8.29	8.39	8.44	8.49	8.59	8.63	8.66	1.6%
Electricity Imports	0.05	0.06	0.04	0.05	0.05	0.05	0.06	0.05	0.05	0.05	0.05	0.07	0.08	1.0%
Total	109.48	110.08	110.85	111.78	112.64	113.24	113.92	114.54	115.30	116.04	116.79	117.33	118.01	0.7%
Energy Use & Related Statistics														
Delivered Energy Use	79.39	79.71	80.18	80.91	81.55	81.88	82.27	82.61	83.10	83.56	84.03	84.40	84.86	0.7%
Total Energy Use	109.48	110.08	110.85	111.78	112.64	113.24	113.92	114.54	115.30	116.04	116.79	117.33	118.01	0.7%
Population (millions)	332.37	335.05	337.74	340.43	343.14	345.88	348.63	351.41	354.20	357.02	359.85	362.71	365.59	0.8%
Carbon Dioxide Emissions (million metric tons)	6349.8	6368.4	6384.1	6416.1	6438.2	6482.5	6530.8	6570.6	6622.4	6678.3	6735.5	6783.4	6851.0	0.6%

Table 10. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)-United States

1/ Includes wood used for residential heating. See Table 4 and/or Table 17 for estimates of nonmarketed renewable energy consumption for geothermal heat pumps, solar thermal hot water heating, and solar photovoltaic electricity generation.

2/ Includes ethanol (blends of 10 percent or less) and ethers blended into gasoline.

3/ Includes commercial sector consumption of wood and wood waste, landfill gas, municipal solid waste, and other biomass for combined heat and power.

4/ Includes energy for combined heat and power plants, except those whose primary business is to sell electricity, or electricity and heat, to the public.

5/ Includes petroleum coke, asphalt, road oil, lubricants, still gas, and miscellaneous petroleum products.

6/ Represents natural gas used in well, field, and lease operations, and in natural gas processing plant machinery.

7/ Includes consumption of energy produced from hydroelectric, wood and wood waste, municipal solid waste, and other biomass sources.

8/ E85 refers to a blend of 85 percent ethanol (renewable) and 15 percent motor gasoline (nonrenewable). To address cold starting issues, the percentage of ethanol varies seasonally. The annual average ethanol content of 74 percent is used for this forecast.

9/ Includes only kerosene type.

10/ Diesel fuel for on- and off- road use.

11/ Includes aviation gasoline and lubricants.

12/ Includes unfinished oils, natural gasoline, motor gasoline blending components, aviation gasoline, lubricants, still gas, asphalt, road oil, petroleum coke, and miscellaneous petroleum products.

13/ Includes electricity generated for sale to the grid and for own use from renewable sources, and non-electric energy from renewable sources. Excludes nonmarketed renewable energy consumption for geothermal heat pumps, buildings photovoltaic systems, and solar thermal hot water heaters.

14/ Includes consumption of energy by electricity-only and combined heat and power plants whose primary business is to sell electricity, or electricity and heat, to the public. Includes small power producers and exempt wholesale generators.

15/ Includes conventional hydroelectric, geothermal, wood and wood waste, biogenic municipal solid waste, other biomass, petroleum coke, wind, photovoltaic and solar thermal sources. Excludes net electricity imports.

16/ Includes non-biogenic municipal waste not included above.

17/ Includes hydroelectric, geothermal, wood and wood waste, biogenic municipal solid waste, other biomass, wind, photovoltaic and solar thermal sources. Includes ethanol components of E85; excludes ethanol blends (10 percent or less) in motor gasoline. Excludes net electricity imports and nonmarketed renewable energy consumption for geothermal heat pumps, buildings photovoltaic systems, and solar thermal hot water heaters.

Btu = British thermal unit.

-- = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Data for 2005 and 2006 are model results and may differ slightly from official EIA data reports. Consumption values of 0.00 are values that round to 0.00, because they are less than 0.005.

Sources: 2005 and 2006 consumption based on: Energy Information Administration (EIA), Annual Energy Review 2006, DOE/EIA-0384(2006) (Washington, DC, June 2007). 2005 and 2006 population and gross domestic product: Global Insight, Global Insight Industry and Employment models, July 2007. 2005 and 2006 carbon dioxide emissions: EIA, Emissions of Greenhouse Gases in the United States 2006, DOE/EIA-0573(2006) (Washington, DC, December 2007). Projections: EIA, AEO2008 National Energy Modeling System run aeo2008.d030208f.

Table 11. Energy Prices by Sector and Source
(2006 dollars per million Btu, unless otherwise noted)-New England - 01

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Residential													
Liquefied Petroleum Gases	22.09	27.69	29.68	32.20	30.30	29.78	29.51	29.24	28.98	28.69	28.49	28.41	28.45
Distillate Fuel Oil	16.67	17.61	19.11	21.69	17.96	17.30	16.60	15.88	15.18	14.91	14.33	13.89	13.90
Natural Gas	15.53	16.88	15.16	15.64	15.80	15.23	14.99	14.75	14.55	14.30	14.14	14.09	14.18
Electricity	40.71	47.05	45.21	46.11	47.72	46.42	46.42	46.77	46.39	46.35	45.87	45.78	46.10
Commercial													
Distillate Fuel Oil	13.87	14.65	16.80	19.51	16.31	15.68	15.24	14.53	13.91	13.77	13.26	12.81	12.84
Residual Fuel	10.49	10.08	9.46	13.55	11.04	10.61	10.21	9.80	9.41	8.99	8.58	8.17	8.19
Natural Gas	13.71	14.31	12.68	13.32	13.48	12.84	12.62	12.41	12.21	11.98	11.84	11.82	11.91
Electricity	36.18	42.74	38.32	39.04	39.77	37.76	36.91	36.40	35.28	34.71	33.95	33.67	33.93
Industrial 1/													
Liquefied Petroleum Gases	17.34	22.44	23.55	23.79	24.96	24.44	24.17	23.91	23.65	23.36	23.15	23.08	23.12
Distillate Fuel Oil	13.84	14.62	16.82	19.59	16.45	15.82	15.71	14.99	14.44	14.39	13.94	13.49	13.51
Residual Fuel Oil	10.41	9.44	8.87	12.71	11.04	10.61	10.21	9.80	9.41	8.99	8.58	8.17	8.19
Natural Gas 2/	10.95	10.55	9.13	9.70	10.01	9.51	9.25	8.99	8.74	8.46	8.27	8.20	8.23
Metallurgical Coal	--	--	--	--	--	--	--	--	--	--	--	--	--
Other Industrial Coal	3.40	3.60	3.76	3.93	3.92	3.87	3.90	3.83	3.82	3.80	3.74	3.70	3.67
Coal to Liquids	--	--	--	--	--	--	--	--	--	--	--	--	--
Electricity	27.58	34.10	33.82	34.60	34.11	30.84	28.96	27.99	26.50	25.85	25.02	24.70	24.87
Transportation													
Liquefied Petroleum Gases 3/	18.98	20.25	21.08	21.18	24.29	26.17	25.90	25.63	25.36	25.07	24.86	24.78	24.82
E85 4/	23.89	33.03	26.75	26.72	26.45	28.90	28.62	27.70	26.83	18.36	17.98	19.45	17.46
Motor Gasoline 5/	19.75	21.83	23.20	25.25	22.24	21.41	21.20	20.52	19.87	19.75	19.13	18.64	18.70
Jet Fuel 6/	13.49	15.27	15.43	16.19	17.24	16.67	16.19	15.38	14.73	14.38	13.78	13.17	13.18
Distillate Fuel Oil 7/	19.12	20.45	21.24	23.60	21.30	20.65	20.27	19.52	18.96	18.93	18.49	17.97	17.99
Residual Fuel Oil	8.03	7.45	7.48	9.08	9.16	8.78	8.42	8.05	7.70	7.33	6.96	6.59	6.61
Natural Gas 8/	15.58	15.45	14.08	14.66	14.97	14.45	14.18	13.90	13.62	13.31	13.09	12.99	12.99
Electricity	37.77	36.52	37.19	39.92	40.03	38.45	38.05	38.09	36.99	36.51	35.79	35.51	35.65
Electric Power 9/													
Distillate Fuel Oil	12.18	12.87	14.81	17.23	13.22	12.55	11.85	11.14	10.44	10.16	9.58	9.15	9.16
Residual Fuel Oil	7.07	7.37	7.80	9.46	9.26	8.86	8.47	8.09	7.71	7.32	6.93	6.54	6.56
Natural Gas	9.65	7.35	7.28	7.90	8.23	7.66	7.42	7.16	6.91	6.63	6.42	6.34	6.37
Steam Coal	2.78	2.95	3.05	3.14	3.25	3.29	3.28	3.21	3.15	3.12	3.13	3.08	3.05

Table 11. Energy Prices by Sector and Source
 (2006 dollars per million Btu, unless otherwise noted)-New England - 01

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Average Price to All Users 10/													
Liquefied Petroleum Gases	20.64	26.49	27.89	29.65	28.79	28.31	28.06	27.83	27.59	27.33	27.15	27.11	27.17
E85 4/	23.89	33.03	26.75	26.72	26.45	28.90	28.62	27.70	26.83	18.36	17.98	19.45	17.46
Motor Gasoline 5/	19.67	21.72	23.10	25.16	22.24	21.41	21.20	20.52	19.87	19.75	19.13	18.64	18.70
Jet Fuel	13.49	15.27	15.43	16.19	17.24	16.67	16.19	15.38	14.73	14.38	13.78	13.17	13.18
Distillate Fuel Oil	16.76	17.88	19.28	21.84	18.64	18.01	17.49	16.81	16.23	16.08	15.57	15.13	15.15
Residual Fuel Oil	8.38	8.86	8.73	12.09	10.55	10.12	9.71	9.32	8.92	8.51	8.11	7.70	7.72
Natural Gas	11.96	10.98	9.87	10.51	10.80	10.29	10.06	9.81	9.58	9.31	9.17	9.14	9.20
Metallurgical Coal	--	--	--	--	--	--	--	--	--	--	--	--	--
Other Coal	2.79	2.96	3.07	3.16	3.27	3.30	3.29	3.22	3.16	3.13	3.14	3.09	3.06
Coal to Liquids	--	--	--	--	--	--	--	--	--	--	--	--	--
Electricity	36.32	42.76	40.08	40.92	41.79	39.80	39.04	38.76	37.73	37.31	36.61	36.39	36.65
Non-Renewable Energy Expenditures by Sector (billion 2006 dollars)													
Residential	15.89	15.82	16.99	17.91	16.99	16.35	16.16	16.03	15.51	15.35	15.09	15.03	15.10
Commercial	10.08	11.03	10.61	11.19	10.92	10.45	10.37	10.31	10.15	10.14	10.07	10.12	10.33
Industrial	4.89	5.22	5.16	5.56	5.40	5.08	4.89	4.69	4.44	4.28	4.14	4.03	4.00
Transportation	20.92	23.44	24.95	27.50	24.94	24.46	24.54	24.03	23.53	23.49	22.80	22.48	21.61
Total Non-Renewable Expenditures	51.77	55.51	57.70	62.16	58.25	56.35	55.95	55.06	53.63	53.26	52.10	51.66	51.03
Transportation Renewable Expenditures	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.17	0.01	0.88
Total Expenditures	51.77	55.51	57.71	62.16	58.25	56.35	55.95	55.07	53.63	53.32	52.26	51.67	51.91

Table 11. Energy Prices by Sector and Source
(2006 dollars per million Btu, unless otherwise noted)-New England - 01

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2006-2030
Residential														
Liquefied Petroleum Gases	28.49	28.50	28.39	28.26	28.36	28.41	28.52	28.61	28.72	28.76	28.98	29.12	29.25	0.2%
Distillate Fuel Oil	14.04	14.20	14.31	14.41	14.52	14.72	14.96	15.16	15.39	15.59	15.81	16.06	16.31	-0.3%
Natural Gas	14.27	14.33	14.24	14.15	14.30	14.40	14.54	14.69	14.87	14.92	15.19	15.39	15.57	-0.3%
Electricity	46.38	46.42	46.09	45.76	46.00	46.17	46.43	46.38	46.76	46.59	47.16	47.52	47.15	0.0%
Commercial														
Distillate Fuel Oil	12.99	13.31	13.59	13.56	13.70	13.83	13.99	14.22	14.44	14.64	14.84	15.09	15.33	0.2%
Residual Fuel	8.32	8.45	8.56	8.68	8.80	8.94	9.08	9.23	9.35	9.32	9.52	9.69	9.83	-0.1%
Natural Gas	12.01	12.08	12.03	11.95	12.11	12.22	12.39	12.54	12.74	12.80	13.09	13.28	13.47	-0.3%
Electricity	34.34	34.56	34.25	33.87	34.06	34.22	34.64	34.57	35.13	34.93	35.65	36.19	35.77	-0.7%
Industrial 1/														
Liquefied Petroleum Gases	23.15	23.17	23.06	22.92	23.03	23.08	23.19	23.28	23.39	23.42	23.65	23.78	23.91	0.3%
Distillate Fuel Oil	13.67	14.13	14.52	14.39	14.55	14.64	14.74	14.99	15.21	15.40	15.58	15.83	16.07	0.4%
Residual Fuel Oil	8.32	8.45	8.56	8.68	8.80	8.94	9.08	9.23	9.35	9.32	9.52	9.69	9.83	0.2%
Natural Gas 2/	8.27	8.28	8.18	8.05	8.15	8.20	8.30	8.39	8.52	8.53	8.75	8.88	9.00	-0.7%
Metallurgical Coal	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Other Industrial Coal	3.65	3.64	3.65	3.65	3.66	3.65	3.65	3.64	3.64	3.65	3.65	3.66	3.67	0.1%
Coal to Liquids	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Electricity	25.16	25.30	25.03	24.70	24.92	25.09	25.47	25.56	26.01	25.97	26.61	27.09	26.87	-1.0%
Transportation														
Liquefied Petroleum Gases 3/	24.85	24.86	24.74	24.60	24.70	24.75	24.85	24.94	25.05	25.07	25.30	25.43	25.55	1.0%
E85 4/	17.62	18.93	18.68	17.36	18.37	18.92	19.39	19.28	19.65	19.82	20.11	20.42	20.51	-2.0%
Motor Gasoline 5/	18.92	19.56	20.06	19.84	20.15	20.18	20.20	20.41	20.51	20.66	20.87	21.07	21.24	-0.1%
Jet Fuel 6/	13.32	13.49	13.62	13.77	13.93	14.10	14.28	14.48	14.68	14.91	15.14	15.37	15.62	0.1%
Distillate Fuel Oil 7/	18.11	18.60	18.99	18.81	18.95	19.00	19.03	19.27	19.48	19.64	19.79	20.02	20.23	0.0%
Residual Fuel Oil	6.72	6.84	6.94	7.05	7.17	7.29	7.42	7.56	7.70	7.86	8.01	8.17	8.32	0.5%
Natural Gas 8/	13.00	12.98	12.86	12.70	12.78	12.79	12.87	12.93	13.04	13.02	13.21	13.32	13.41	-0.6%
Electricity	35.84	35.84	35.48	35.05	35.19	35.10	35.41	35.45	35.83	35.76	36.40	36.76	36.54	0.0%
Electric Power 9/														
Distillate Fuel Oil	9.30	9.45	9.57	9.67	9.78	9.97	10.21	10.42	10.64	10.85	11.06	11.32	11.56	-0.4%
Residual Fuel Oil	6.68	6.81	6.92	7.03	7.15	7.28	7.42	7.56	7.69	7.76	7.93	8.10	8.25	0.5%
Natural Gas	6.40	6.40	6.31	6.19	6.29	6.33	6.43	6.51	6.61	6.64	6.86	6.98	7.10	-0.1%
Steam Coal	2.96	2.91	2.87	2.83	2.74	2.69	2.64	2.56	2.50	2.50	2.50	2.51	2.51	-0.7%

Table 11. Energy Prices by Sector and Source
 (2006 dollars per million Btu, unless otherwise noted)-New England - 01

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2006-2030
Average Price to All Users 10/														
Liquefied Petroleum Gases	27.23	27.27	27.19	27.07	27.20	27.27	27.40	27.50	27.63	27.68	27.92	28.07	28.21	0.3%
E85 4/	17.62	18.93	18.68	17.36	18.37	18.92	19.39	19.28	19.65	19.82	20.11	20.42	20.51	-2.0%
Motor Gasoline 5/	18.92	19.56	20.06	19.84	20.15	20.18	20.20	20.41	20.51	20.66	20.87	21.07	21.24	-0.1%
Jet Fuel	13.32	13.49	13.62	13.77	13.93	14.10	14.28	14.48	14.68	14.91	15.14	15.37	15.62	0.1%
Distillate Fuel Oil	15.31	15.64	15.92	15.92	16.07	16.23	16.40	16.65	16.89	17.10	17.31	17.59	17.85	0.0%
Residual Fuel Oil	7.84	7.97	8.08	8.19	8.32	8.45	8.59	8.73	8.85	8.85	9.04	9.21	9.35	0.2%
Natural Gas	9.24	9.28	9.16	9.03	9.13	9.21	9.34	9.46	9.61	9.67	9.90	10.08	10.28	-0.3%
Metallurgical Coal	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Other Coal	2.97	2.92	2.88	2.84	2.76	2.71	2.65	2.58	2.52	2.52	2.53	2.53	2.53	-0.6%
Coal to Liquids	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Electricity	37.01	37.17	36.87	36.51	36.75	36.94	37.34	37.33	37.84	37.70	38.40	38.89	38.55	-0.4%
Non-Renewable Energy Expenditures by Sector (billion 2006 dollars)														
Residential	15.23	15.30	15.30	15.23	15.37	15.50	15.71	15.79	16.00	16.08	16.37	16.52	16.60	0.2%
Commercial	10.57	10.78	10.85	10.88	11.09	11.27	11.52	11.66	11.95	12.04	12.39	12.67	12.73	0.6%
Industrial	3.96	3.95	3.90	3.83	3.83	3.80	3.80	3.80	3.82	3.79	3.82	3.84	3.79	-1.3%
Transportation	21.25	21.99	21.98	21.52	21.67	21.70	21.85	21.83	22.07	22.23	22.49	22.82	23.00	-0.1%
Total Non-Renewable Expenditures	51.01	52.02	52.03	51.46	51.96	52.28	52.89	53.08	53.84	54.14	55.06	55.85	56.12	0.0%
Transportation Renewable Expenditures	1.43	1.41	1.78	1.83	2.00	2.05	1.97	2.17	2.12	2.16	2.19	2.17	2.27	38.7%
Total Expenditures	52.43	53.43	53.80	53.29	53.96	54.32	54.86	55.25	55.96	56.30	57.25	58.02	58.39	0.2%

Table 11. Energy Prices by Sector and Source
(2006 dollars per million Btu, unless otherwise noted)-New England - 01

- 1/ Includes energy for combined heat and power plants, except those whose primary business is to sell electricity, or electricity and heat, to the public.
- 2/ Excludes use for lease and plant fuel.
- 3/ Includes Federal and State taxes while excluding county and local taxes.
- 4/ E85 refers to a blend of 85 percent ethanol (renewable) and 15 percent motor gasoline (nonrenewable). To address cold starting issues, the percentage of ethanol varies seasonally. The annual average ethanol content of 74 percent is used for this forecast.
- 5/ Sales weighted-average price for all grades. Includes Federal, State, and local taxes.
- 6/ Kerosene-type jet fuel. Includes Federal and State taxes while excluding county and local taxes.
- 7/ Diesel fuel for on-road use. Includes Federal and State taxes while excluding county and local taxes.
- 8/ Compressed natural gas used as a vehicle fuel. Includes estimated motor vehicle fuel taxes and estimated dispensing costs or charges.
- 9/ Includes electricity-only and combined heat and power plants whose primary business is to sell electricity, or electricity and heat, to the public.
- 10/ 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.
- = Not applicable.

Note: Data for 2005 and 2006 are model results and may differ slightly from official EIA data reports.

Sources: 2005 and 2006 prices for motor gasoline, distillate fuel oil, and jet fuel are based on prices in the Energy Information Administration (EIA), Petroleum Marketing Annual 2006, DOE/EIA-0487(2006) (Washington, DC, August 2007). 2005 residential and commercial natural gas delivered prices: EIA, Natural Gas Annual 2005, DOE/EIA-0131(2005) (Washington, DC, November 2006). 2006 residential and commercial natural gas delivered prices: EIA, Natural Gas Monthly, DOE/EIA-0130(2007/04) (Washington, DC, April 2007). 2005 and 2006 industrial natural gas delivered prices are estimated based on: EIA, Manufacturing Energy Consumption Survey 1994 and industrial and wellhead prices from the Natural Gas Annual 2005, DOE/EIA-0131(2005) (Washington, DC, November 2006) and the Natural Gas Monthly, DOE/EIA-0130(2007/04) (Washington, DC, April 2007). 2005 transportation sector natural gas delivered prices are based on: EIA, Natural Gas Annual 2005, DOE/EIA-0131(2005) (Washington, DC, November 2006) and estimated state taxes, federal taxes, and dispensing costs or charges. 2006 transportation sector natural gas delivered prices are model results. 2005 and 2006 electric power sector natural gas prices: EIA, Electric Power Monthly, May 2006 through April 2007, Table 4.11.A. 2005 and 2006 coal prices based on: EIA, Quarterly Coal Report, October-December 2006, DOE/EIA-0121(2006/4Q) (Washington, DC, March 2007) and EIA, AEO2008 National Energy Modeling System run aeo2008.d030208f. 2005 and 2006 electricity prices: EIA, Annual Energy Review 2006, DOE/EIA-0384(2006) (Washington, DC, June 2007). 2005 and 2006 E85 prices derived from monthly prices in the Clean Cities Alternative Fuel Price Report. Projections: EIA, AEO2008 National Energy Modeling System run aeo2008.d030208f.

Table 12. Energy Prices by Sector and Source
(2006 dollars per million Btu, unless otherwise noted)-Middle Atlantic - 02

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Residential													
Liquefied Petroleum Gases	22.18	27.31	29.27	31.75	29.09	28.64	28.32	28.07	27.77	27.55	27.41	27.36	27.43
Distillate Fuel Oil	17.32	18.30	19.47	22.07	18.11	17.45	16.76	16.05	15.35	15.08	14.50	14.07	14.08
Natural Gas	14.35	15.76	13.94	14.08	14.19	13.73	13.47	13.25	13.02	12.83	12.72	12.70	12.82
Electricity	37.84	39.35	39.89	40.76	41.98	40.69	40.05	40.37	40.05	39.84	40.05	40.29	40.59
Commercial													
Distillate Fuel Oil	13.89	14.67	16.53	18.82	16.14	15.51	15.08	14.37	13.75	13.61	13.11	12.66	12.69
Residual Fuel Oil	11.69	8.14	7.63	10.92	10.13	9.71	9.31	8.90	8.51	8.09	7.68	7.27	7.30
Natural Gas	13.00	12.48	11.26	11.72	11.87	11.30	11.05	10.85	10.61	10.43	10.34	10.33	10.44
Electricity	35.72	37.34	36.57	37.23	37.79	35.96	34.64	34.46	33.63	33.12	33.25	33.39	33.71
Industrial 1/													
Liquefied Petroleum Gases	18.01	22.71	23.84	24.08	25.22	24.77	24.45	24.20	23.90	23.68	23.54	23.49	23.56
Distillate Fuel Oil	13.66	14.44	16.62	19.04	16.14	15.51	15.40	14.69	14.14	14.10	13.65	13.19	13.22
Residual Fuel Oil	11.13	8.28	7.77	11.13	10.13	9.71	9.31	8.90	8.51	8.09	7.68	7.27	7.30
Natural Gas 2/	9.84	9.47	8.22	8.53	8.74	8.31	8.00	7.76	7.47	7.26	7.13	7.08	7.14
Metallurgical Coal	3.05	3.30	3.63	3.79	3.80	3.82	3.68	3.53	3.44	3.34	3.21	3.12	3.08
Other Industrial Coal	2.07	2.26	2.29	2.34	2.33	2.29	2.30	2.28	2.29	2.26	2.24	2.23	2.21
Coal to Liquids	--	--	--	--	--	--	--	--	--	--	--	--	--
Electricity	22.10	22.86	23.34	24.09	24.74	23.24	22.24	22.10	21.29	20.77	20.82	20.95	21.09
Transportation													
Liquefied Petroleum Gases 3/	19.19	20.48	21.31	21.40	23.17	25.13	24.81	24.56	24.25	24.02	23.88	23.83	23.89
E85 4/	23.89	33.03	26.75	29.73	29.43	28.90	28.55	27.67	26.85	26.68	25.87	25.20	25.29
Motor Gasoline 5/	19.59	21.90	23.26	25.32	23.63	21.41	21.15	20.49	19.89	19.77	19.17	18.67	18.73
Jet Fuel 6/	13.23	14.87	15.05	15.78	16.38	15.86	15.41	14.65	14.04	13.71	13.14	12.56	12.59
Distillate Fuel Oil 7/	18.46	19.79	20.57	22.85	21.08	20.44	20.05	19.31	18.75	18.72	18.28	17.77	17.79
Residual Fuel Oil	8.79	7.95	8.17	9.46	8.91	8.53	8.17	7.81	7.45	7.08	6.71	6.34	6.36
Natural Gas 8/	16.18	16.94	15.20	15.54	15.75	15.28	14.93	14.63	14.29	14.02	13.84	13.74	13.74
Electricity	34.96	33.44	33.44	35.33	35.93	34.48	33.59	33.58	32.69	32.13	32.21	32.33	32.49
Electric Power 9/													
Distillate Fuel Oil	12.02	12.71	14.63	16.77	15.14	14.48	13.78	13.07	12.38	12.10	11.52	11.09	11.10
Residual Fuel Oil	7.55	7.68	8.14	9.86	8.94	8.54	8.16	7.78	7.41	7.01	6.63	6.24	6.26
Natural Gas	9.59	7.57	7.12	7.54	7.77	7.30	7.01	6.77	6.47	6.26	6.14	6.09	6.14
Steam Coal	1.74	1.94	1.98	1.99	2.03	2.11	2.14	2.11	2.10	2.08	2.07	2.06	2.06

Table 12. Energy Prices by Sector and Source
 (2006 dollars per million Btu, unless otherwise noted)-Middle Atlantic - 02

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Average Price to All Users 10/													
Liquefied Petroleum Gases	20.21	25.29	26.60	27.95	27.17	26.78	26.42	26.19	25.92	25.68	25.55	25.35	25.43
E85 4/	23.89	33.03	26.75	29.73	29.43	28.90	28.55	27.67	26.85	26.68	25.87	25.20	25.29
Motor Gasoline 5/	19.53	21.80	23.17	25.23	23.63	21.41	21.15	20.49	19.89	19.77	19.17	18.67	18.73
Jet Fuel	13.23	14.87	15.05	15.78	16.38	15.86	15.41	14.65	14.04	13.71	13.14	12.56	12.59
Distillate Fuel Oil	17.07	18.32	19.41	21.78	19.18	18.53	18.08	17.41	16.88	16.78	16.29	15.83	15.85
Residual Fuel Oil	8.65	7.95	8.03	9.97	9.23	8.83	8.45	8.10	7.72	7.33	6.95	6.57	6.59
Natural Gas	12.32	11.79	10.71	10.99	11.10	10.64	10.35	10.15	9.97	9.81	9.64	9.62	9.73
Metallurgical Coal	3.05	3.30	3.63	3.79	3.80	3.82	3.68	3.53	3.44	3.34	3.21	3.12	3.08
Other Coal	1.77	1.96	2.00	2.02	2.05	2.13	2.15	2.12	2.11	2.09	2.08	2.07	2.07
Coal to Liquids	--	--	--	--	--	--	--	--	--	--	--	--	--
Electricity	33.60	34.96	35.15	35.95	36.79	35.18	34.14	34.14	33.42	33.00	33.15	33.33	33.63
Non-Renewable Energy Expenditures by Sector (billion 2006 dollars)													
Residential	37.87	36.24	38.30	40.31	39.86	38.08	37.44	37.36	36.21	35.82	35.64	35.74	35.97
Commercial	31.05	30.51	31.10	32.61	31.93	30.59	29.99	30.01	29.60	29.53	29.84	30.19	30.76
Industrial	13.82	13.67	13.23	13.64	15.59	14.98	14.55	14.19	13.55	13.08	12.83	12.67	12.51
Transportation	54.22	59.36	63.06	68.28	63.92	59.38	58.69	57.14	55.67	55.39	53.85	52.46	52.61
Total Non-Renewable Expenditures	136.96	139.79	145.71	154.83	151.29	143.02	140.67	138.71	135.04	133.82	132.17	131.06	131.86
Transportation Renewable Expenditures	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Total Expenditures	136.97	139.79	145.71	154.84	151.30	143.03	140.68	138.71	135.04	133.83	132.18	131.07	131.87

Table 12. Energy Prices by Sector and Source
(2006 dollars per million Btu, unless otherwise noted)-Middle Atlantic - 02

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2006-2030
Residential														
Liquefied Petroleum Gases	27.49	27.55	27.46	27.35	27.48	27.55	27.67	27.78	27.90	27.94	28.17	28.31	28.45	0.2%
Distillate Fuel Oil	14.22	14.37	14.48	14.59	14.69	14.89	15.12	15.33	15.58	15.76	15.97	16.23	16.47	-0.4%
Natural Gas	12.94	13.03	12.97	12.91	13.08	13.20	13.36	13.52	13.71	13.78	14.04	14.25	14.43	-0.4%
Electricity	40.79	40.65	40.53	40.15	40.33	40.52	40.60	40.76	40.79	40.80	41.03	40.93	41.35	0.2%
Commercial														
Distillate Fuel Oil	12.84	13.16	13.43	13.40	13.54	13.67	13.83	14.06	14.30	14.47	14.67	14.93	15.16	0.1%
Residual Fuel	7.42	7.55	7.66	7.78	7.91	8.04	8.19	8.33	8.45	8.42	8.62	8.79	8.93	0.4%
Natural Gas	10.56	10.66	10.62	10.56	10.73	10.86	11.03	11.18	11.38	11.44	11.72	11.91	12.09	-0.1%
Electricity	33.96	34.01	34.01	33.61	33.83	34.03	34.14	34.37	34.51	34.56	34.91	34.84	35.30	-0.2%
Industrial 1/														
Liquefied Petroleum Gases	23.63	23.68	23.59	23.48	23.61	23.68	23.80	23.91	24.03	24.07	24.30	24.44	24.58	0.3%
Distillate Fuel Oil	13.38	13.83	14.22	14.09	14.25	14.34	14.44	14.68	14.91	15.09	15.28	15.53	15.77	0.4%
Residual Fuel Oil	7.42	7.55	7.66	7.78	7.91	8.04	8.19	8.33	8.45	8.42	8.62	8.79	8.93	0.3%
Natural Gas 2/	7.21	7.26	7.17	7.07	7.19	7.26	7.38	7.48	7.62	7.64	7.86	8.00	8.13	-0.6%
Metallurgical Coal	3.07	3.09	3.10	3.12	3.14	3.16	3.17	3.20	3.22	3.24	3.25	3.27	3.30	0.0%
Other Industrial Coal	2.19	2.18	2.19	2.19	2.19	2.19	2.19	2.18	2.18	2.18	2.18	2.18	2.20	-0.1%
Coal to Liquids	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Electricity	21.30	21.12	20.95	20.59	20.72	20.92	21.03	21.17	21.19	21.22	21.48	21.36	21.69	-0.2%
Transportation														
Liquefied Petroleum Gases 3/	23.95	24.00	23.90	23.79	23.91	23.98	24.10	24.20	24.32	24.36	24.58	24.72	24.85	0.8%
E85 4/	25.54	26.39	18.20	17.93	18.79	19.35	19.88	22.72	22.82	23.00	23.22	23.41	23.60	-1.4%
Motor Gasoline 5/	18.92	19.55	19.98	19.86	20.15	20.18	20.19	20.34	20.43	20.59	20.80	20.98	21.17	-0.1%
Jet Fuel 6/	12.75	12.93	13.08	13.24	13.41	13.59	13.79	13.99	14.20	14.44	14.67	14.91	15.17	0.1%
Distillate Fuel Oil 7/	17.91	18.40	18.78	18.61	18.74	18.79	18.82	19.06	19.27	19.43	19.58	19.81	20.01	0.0%
Residual Fuel Oil	6.48	6.59	6.70	6.81	6.92	7.04	7.17	7.31	7.45	7.61	7.76	7.92	8.07	0.1%
Natural Gas 8/	13.75	13.74	13.59	13.44	13.50	13.52	13.58	13.63	13.72	13.69	13.86	13.95	14.03	-0.8%
Electricity	32.65	32.47	32.31	31.87	32.00	32.10	32.24	32.44	32.48	32.51	32.82	32.77	33.15	0.0%
Electric Power 9/														
Distillate Fuel Oil	11.24	11.39	11.50	11.61	11.72	11.91	12.15	12.35	12.60	12.78	13.00	13.25	13.49	0.2%
Residual Fuel Oil	6.38	6.50	6.61	6.72	6.84	6.97	7.11	7.25	7.38	7.45	7.62	7.79	7.93	0.1%
Natural Gas	6.20	6.25	6.16	6.06	6.18	6.25	6.36	6.46	6.57	6.61	6.83	6.96	7.09	-0.3%
Steam Coal	2.07	2.07	2.07	2.07	2.07	2.06	2.06	2.05	2.05	2.05	2.04	2.04	2.06	0.3%

Table 12. Energy Prices by Sector and Source
(2006 dollars per million Btu, unless otherwise noted)-Middle Atlantic - 02

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2006-2030
Average Price to All Users 10/														
Liquefied Petroleum Gases	25.54	25.62	25.56	25.70	25.93	26.02	26.16	26.28	26.42	26.47	26.72	26.88	27.03	0.3%
E85 4/	25.54	26.39	18.20	17.93	18.79	19.35	19.88	22.72	22.82	23.00	23.22	23.41	23.60	-1.4%
Motor Gasoline 5/	18.92	19.55	19.98	19.86	20.15	20.18	20.19	20.34	20.43	20.59	20.80	20.98	21.17	-0.1%
Jet Fuel	12.75	12.93	13.08	13.24	13.41	13.59	13.79	13.99	14.20	14.44	14.67	14.91	15.17	0.1%
Distillate Fuel Oil	16.00	16.39	16.73	16.66	16.81	16.93	17.07	17.31	17.55	17.74	17.94	18.21	18.46	0.0%
Residual Fuel Oil	6.70	6.82	6.93	7.04	7.16	7.29	7.43	7.57	7.70	7.78	7.95	8.12	8.27	0.2%
Natural Gas	9.87	9.99	9.94	9.88	10.04	10.16	10.32	10.47	10.66	10.75	11.03	11.23	11.42	-0.1%
Metallurgical Coal	3.07	3.09	3.10	3.12	3.14	3.16	3.17	3.20	3.22	3.24	3.25	3.27	3.30	0.0%
Other Coal	2.07	2.07	2.08	2.08	2.07	2.07	2.07	2.06	2.06	2.05	2.05	2.05	2.07	0.2%
Coal to Liquids	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Electricity	33.88	33.86	33.81	33.45	33.68	33.92	34.07	34.30	34.43	34.50	34.84	34.79	35.25	0.0%
Non-Renewable Energy Expenditures by Sector (billion 2006 dollars)														
Residential	36.28	36.42	36.43	36.21	36.58	36.94	37.40	37.70	38.09	38.34	38.98	39.19	39.74	0.4%
Commercial	31.32	31.77	32.08	32.11	32.70	33.22	33.71	34.28	34.81	35.19	35.93	36.34	37.10	0.8%
Industrial	12.34	12.20	12.05	11.69	11.62	11.56	11.50	11.51	11.50	11.43	11.47	11.36	11.30	-0.8%
Transportation	53.09	54.48	55.06	52.87	52.41	51.98	52.53	56.29	56.72	57.30	58.00	58.72	59.51	0.0%
Total Non-Renewable Expenditures	133.03	134.87	135.62	132.88	133.31	133.70	135.13	139.77	141.12	142.27	144.37	145.61	147.65	0.2%
Transportation Renewable Expenditures	0.01	0.01	0.42	2.50	3.87	4.63	4.17	0.04	0.03	0.04	0.03	0.03	0.04	11.1%
Total Expenditures	133.05	134.88	136.05	135.39	137.18	138.32	139.30	139.81	141.16	142.30	144.41	145.64	147.68	0.2%

Table 12. Energy Prices by Sector and Source
(2006 dollars per million Btu, unless otherwise noted)-Middle Atlantic - 02

- 1/ Includes energy for combined heat and power plants, except those whose primary business is to sell electricity, or electricity and heat, to the public.
2/ Excludes use for lease and plant fuel.
3/ Includes Federal and State taxes while excluding county and local taxes.
4/ E85 refers to a blend of 85 percent ethanol (renewable) and 15 percent motor gasoline (nonrenewable). To address cold starting issues, the percentage of ethanol varies seasonally. The annual average ethanol content of 74 percent is used for this forecast.
5/ Sales weighted-average price for all grades. Includes Federal, State, and local taxes.
6/ Kerosene-type jet fuel. Includes Federal and State taxes while excluding county and local taxes.
7/ Diesel fuel for on-road use. Includes Federal and State taxes while excluding county and local taxes.
8/ Compressed natural gas used as a vehicle fuel. Includes estimated motor vehicle fuel taxes and estimated dispensing costs or charges.
9/ Includes electricity-only and combined heat and power plants whose primary business is to sell electricity, or electricity and heat, to the public.
10/ 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.

-- = Not applicable.

Note: Data for 2005 and 2006 are model results and may differ slightly from official EIA data reports.

Sources: 2005 and 2006 prices for motor gasoline, distillate fuel oil, and jet fuel are based on prices in the Energy Information Administration (EIA), Petroleum Marketing Annual 2006, DOE/EIA-0487(2006) (Washington, DC, August 2007). 2005 residential and commercial natural gas delivered prices: EIA, Natural Gas Annual 2005, DOE/EIA-0131(2005) (Washington, DC, November 2006). 2006 residential and commercial natural gas delivered prices: EIA, Natural Gas Monthly, DOE/EIA-0130(2007/04) (Washington, DC, April 2007). 2005 and 2006 industrial natural gas delivered prices are estimated based on: EIA, Manufacturing Energy Consumption Survey 1994 and industrial and wellhead prices from the Natural Gas Annual 2005, DOE/EIA-0131(2005) (Washington, DC, November 2006) and the Natural Gas Monthly, DOE/EIA-0130(2007/04) (Washington, DC, April 2007). 2005 transportation sector natural gas delivered prices are based on: EIA, Natural Gas Annual 2005, DOE/EIA-0131(2005) (Washington, DC, November 2006) and estimated state taxes, federal taxes, and dispensing costs or charges. 2006 transportation sector natural gas delivered prices are model results. 2005 and 2006 electric power sector natural gas prices: EIA, Electric Power Monthly, May 2006 through April 2007, Table 4.11.A. 2005 and 2006 coal prices based on: EIA, Quarterly Coal Report, October-December 2006, DOE/EIA-0121(2006/4Q) (Washington, DC, March 2007) and EIA, AEO2008 National Energy Modeling System run aeo2008.d030208f. 2005 and 2006 electricity prices: EIA, Annual Energy Review 2006, DOE/EIA-0384(2006) (Washington, DC, June 2007). 2005 and 2006 E85 prices derived from monthly prices in the Clean Cities Alternative Fuel Price Report. Projections: EIA, AEO2008 National Energy Modeling System run aeo2008.d030208f.

Table 13. Energy Prices by Sector and Source
(2006 dollars per million Btu, unless otherwise noted)-East North Central - 03

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Residential													
Liquefied Petroleum Gases	17.17	20.03	21.47	23.30	23.96	23.64	23.30	23.07	22.81	22.61	22.47	22.42	22.48
Distillate Fuel Oil	16.39	17.29	18.65	21.59	17.13	16.48	15.73	14.90	14.20	13.92	13.31	12.88	12.89
Natural Gas	11.77	11.95	11.51	11.64	11.59	11.12	10.82	10.61	10.38	10.20	10.08	10.04	10.14
Electricity	25.48	26.89	27.57	27.85	28.84	28.61	28.24	27.96	27.67	27.43	27.47	27.54	27.67
Commercial													
Distillate Fuel Oil	13.71	14.49	16.69	19.27	15.67	15.03	14.69	13.82	13.19	13.05	12.53	12.09	12.11
Residual Fuel	9.97	7.13	6.70	9.59	12.28	11.53	10.97	10.29	9.76	9.51	8.95	8.51	8.50
Natural Gas	10.78	10.91	10.42	10.67	10.66	10.14	9.84	9.64	9.42	9.25	9.14	9.11	9.21
Electricity	23.19	23.99	25.03	25.35	26.23	25.98	25.37	24.84	24.09	23.56	23.49	23.49	23.58
Industrial 1/													
Liquefied Petroleum Gases	17.75	22.44	23.55	23.79	21.43	21.10	20.77	20.54	20.28	20.08	19.94	19.89	19.95
Distillate Fuel Oil	15.18	16.04	16.99	19.95	16.85	16.22	16.30	15.41	14.83	14.79	14.34	13.88	13.91
Residual Fuel Oil	10.22	9.19	8.63	12.36	12.28	11.53	10.97	10.29	9.76	9.51	8.95	8.51	8.50
Natural Gas 2/	8.66	8.03	7.59	7.89	8.04	7.73	7.41	7.19	6.94	6.75	6.61	6.56	6.62
Metallurgical Coal	3.59	3.85	4.19	4.57	4.56	4.40	4.31	4.18	4.12	4.04	3.93	3.85	3.81
Other Industrial Coal	2.36	2.46	2.55	2.62	2.61	2.57	2.55	2.51	2.49	2.48	2.46	2.45	2.44
Coal to Liquids	--	--	--	--	--	--	1.43	1.46	--	--	1.44	1.46	1.46
Electricity	14.88	15.76	17.27	18.14	18.80	18.32	17.60	17.14	16.47	16.00	15.95	15.96	16.04
Transportation													
Liquefied Petroleum Gases 3/	21.26	22.69	23.61	23.71	25.16	27.25	26.91	26.67	26.41	26.20	26.06	26.00	26.06
E85 4/	23.89	22.32	24.95	30.06	29.76	22.06	21.87	21.33	20.86	20.78	20.25	19.78	16.48
Motor Gasoline 5/	19.30	21.21	22.55	24.54	22.91	21.18	20.92	20.31	19.78	19.65	19.07	18.60	18.67
Jet Fuel 6/	13.01	14.47	14.65	15.37	16.03	15.49	15.08	14.30	13.64	13.30	12.73	12.32	12.34
Distillate Fuel Oil 7/	18.01	19.52	20.29	22.53	20.42	19.72	19.57	18.64	18.05	18.03	17.59	17.08	17.09
Residual Fuel Oil	8.93	6.47	8.69	9.63	11.98	11.23	10.71	10.12	9.57	9.32	8.76	8.31	8.31
Natural Gas 8/	15.15	14.59	13.99	14.24	14.36	13.97	13.61	13.33	13.03	12.79	12.61	12.51	12.52
Electricity	22.52	22.50	22.16	23.36	24.16	23.96	23.48	23.16	22.52	22.07	22.05	22.10	22.18
Electric Power 9/													
Distillate Fuel Oil	13.36	14.11	14.95	17.56	14.09	13.43	12.68	11.86	11.16	10.88	10.27	9.84	9.85
Residual Fuel Oil	7.79	7.83	8.30	10.05	10.90	10.14	9.61	8.32	7.88	7.68	7.21	6.84	6.83
Natural Gas	7.27	6.72	6.38	6.48	6.54	6.15	5.83	5.60	5.34	5.15	5.02	4.98	5.03
Steam Coal	1.44	1.55	1.59	1.63	1.69	1.69	1.68	1.64	1.62	1.60	1.58	1.57	1.57

Table 13. Energy Prices by Sector and Source
 (2006 dollars per million Btu, unless otherwise noted)-East North Central - 03

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Average Price to All Users 10/													
Liquefied Petroleum Gases	17.29	20.93	22.01	23.02	22.86	22.57	22.25	22.04	21.79	21.61	21.48	21.44	21.52
E85 4/	23.89	22.32	24.95	30.06	29.76	22.06	21.87	21.33	20.86	20.78	20.25	19.78	16.48
Motor Gasoline 5/	19.21	21.08	22.42	24.42	22.91	21.18	20.92	20.31	19.78	19.65	19.07	18.60	18.67
Jet Fuel	13.01	14.47	14.65	15.37	16.03	15.49	15.08	14.30	13.64	13.30	12.73	12.32	12.34
Distillate Fuel Oil	17.25	18.66	19.49	21.87	19.35	18.67	18.48	17.65	17.18	17.16	16.73	16.25	16.27
Residual Fuel Oil	10.02	8.64	8.43	11.75	12.23	11.48	10.92	10.27	9.73	9.49	8.93	8.49	8.48
Natural Gas	10.19	10.01	9.49	9.60	9.57	9.20	8.90	8.70	8.52	8.35	8.22	8.19	8.29
Metallurgical Coal	3.59	3.85	4.19	4.57	4.56	4.40	4.31	4.18	4.12	4.04	3.93	3.85	3.81
Other Coal	1.50	1.61	1.66	1.70	1.76	1.76	1.74	1.70	1.67	1.66	1.64	1.63	1.63
Coal to Liquids	--	--	--	--	--	--	1.43	1.46	--	--	1.44	1.46	1.46
Electricity	20.94	21.94	23.09	23.60	24.42	24.06	23.47	23.06	22.44	22.03	22.00	22.03	22.14
Non-Renewable Energy Expenditures by Sector (billion 2006 dollars)													
Residential	36.92	35.47	37.99	39.17	39.81	38.61	38.04	37.77	36.69	36.28	36.18	36.35	36.59
Commercial	23.37	23.42	24.84	25.57	25.97	25.59	25.30	25.12	24.81	24.72	24.95	25.28	25.75
Industrial	32.07	32.41	32.94	37.04	37.55	36.86	35.98	34.93	33.47	32.44	31.84	31.40	31.34
Transportation	70.31	78.12	83.08	89.50	82.84	77.73	76.87	74.63	72.77	72.40	70.37	68.65	64.83
Total Non-Renewable Expenditures	162.67	169.41	178.85	191.29	186.17	178.77	176.20	172.45	167.74	165.85	163.34	161.67	158.50
Transportation Renewable Expenditures	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	3.76
Total Expenditures	162.67	169.42	178.86	191.30	186.17	178.79	176.21	172.46	167.76	165.87	163.36	161.70	162.26

Table 13. Energy Prices by Sector and Source
(2006 dollars per million Btu, unless otherwise noted)-East North Central - 03

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2006-2030
Residential														
Liquefied Petroleum Gases	22.55	22.60	22.48	22.34	22.48	22.58	22.72	22.84	22.98	23.07	23.30	23.47	23.63	0.7%
Distillate Fuel Oil	13.03	13.18	13.29	13.39	13.54	13.74	13.97	14.18	14.43	14.60	14.82	15.07	15.22	-0.5%
Natural Gas	10.24	10.32	10.22	10.12	10.27	10.41	10.57	10.72	10.91	11.00	11.25	11.45	11.63	-0.1%
Electricity	27.89	27.84	27.80	27.70	27.77	27.82	27.75	27.70	27.61	27.56	27.64	27.68	27.85	0.1%
Commercial														
Distillate Fuel Oil	12.26	12.58	12.85	12.82	12.98	13.11	13.27	13.50	13.73	13.91	14.11	14.36	14.60	0.0%
Residual Fuel	8.61	8.75	8.85	8.95	9.02	9.22	9.41	9.58	9.73	9.75	9.93	10.01	10.18	1.5%
Natural Gas	9.32	9.41	9.32	9.23	9.39	9.53	9.71	9.86	10.06	10.16	10.42	10.63	10.82	0.0%
Electricity	23.85	23.87	23.87	23.77	23.92	24.00	23.99	24.01	23.99	24.00	24.19	24.32	24.59	0.1%
Industrial 1/														
Liquefied Petroleum Gases	20.01	20.07	19.94	19.81	19.95	20.05	20.18	20.31	20.45	20.54	20.77	20.94	21.10	-0.3%
Distillate Fuel Oil	14.07	14.52	14.91	14.78	14.94	15.03	15.13	15.37	15.60	15.78	15.97	16.21	16.52	0.1%
Residual Fuel Oil	8.61	8.75	8.85	8.95	9.02	9.22	9.41	9.58	9.73	9.75	9.93	10.01	10.18	0.4%
Natural Gas 2/	6.69	6.73	6.62	6.49	6.62	6.72	6.85	6.97	7.12	7.19	7.41	7.58	7.73	-0.2%
Metallurgical Coal	3.79	3.81	3.83	3.85	3.87	3.89	3.91	3.93	3.96	3.98	4.00	4.02	4.05	0.2%
Other Industrial Coal	2.43	2.42	2.42	2.42	2.43	2.43	2.45	2.45	2.45	2.45	2.46	2.46	2.48	0.0%
Coal to Liquids	1.44	1.45	--	--	--	--	--	--	--	--	--	--	--	--
Electricity	16.25	16.19	16.09	15.94	15.99	16.04	16.02	16.01	15.95	15.94	16.07	16.14	16.32	0.1%
Transportation														
Liquefied Petroleum Gases 3/	26.12	26.17	26.04	25.90	26.03	26.13	26.26	26.38	26.51	26.60	26.83	26.99	27.15	0.8%
E85 4/	16.61	17.94	17.55	16.97	17.08	17.77	18.29	18.18	18.59	18.73	19.04	19.38	19.45	-0.6%
Motor Gasoline 5/	18.88	19.49	19.98	19.73	19.86	19.91	19.92	20.13	20.24	20.37	20.59	20.80	20.98	0.0%
Jet Fuel 6/	12.50	12.66	12.80	12.96	13.12	13.30	13.48	13.68	13.89	14.12	14.35	14.58	14.83	0.1%
Distillate Fuel Oil 7/	17.22	17.70	18.08	17.91	18.04	18.09	18.12	18.35	18.56	18.72	18.87	19.10	19.42	0.0%
Residual Fuel Oil	8.42	8.56	8.66	8.76	8.75	8.92	9.11	9.28	9.43	9.45	9.63	9.71	9.87	1.8%
Natural Gas 8/	12.54	12.56	12.41	12.24	12.32	12.37	12.45	12.53	12.64	12.66	12.84	12.97	13.08	-0.5%
Electricity	22.36	22.27	22.16	21.97	22.01	21.79	21.77	21.79	21.74	21.73	21.88	21.94	22.12	-0.1%
Electric Power 9/														
Distillate Fuel Oil	9.99	10.14	10.24	10.35	10.50	10.69	10.93	11.14	11.39	11.56	11.78	12.03	12.18	-0.6%
Residual Fuel Oil	6.92	7.04	7.12	7.21	7.26	7.43	7.59	7.73	7.86	7.87	8.02	8.09	8.23	0.2%
Natural Gas	5.10	5.14	5.03	4.92	5.07	5.18	5.30	5.45	5.61	5.70	5.92	6.09	6.23	-0.3%
Steam Coal	1.56	1.56	1.57	1.56	1.57	1.58	1.58	1.59	1.59	1.59	1.60	1.61	1.62	0.2%

Table 13. Energy Prices by Sector and Source
 (2006 dollars per million Btu, unless otherwise noted)-East North Central - 03

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2006-2030
Average Price to All Users 10/														
Liquefied Petroleum Gases	21.60	21.67	21.56	21.44	21.58	21.69	21.84	21.98	22.12	22.23	22.47	22.64	22.81	0.4%
E85 4/	16.61	17.94	17.55	16.97	17.08	17.77	18.29	18.18	18.59	18.73	19.04	19.38	19.45	-0.6%
Motor Gasoline 5/	18.88	19.49	19.98	19.73	19.86	19.91	19.92	20.13	20.24	20.37	20.59	20.80	20.98	0.0%
Jet Fuel	12.50	12.66	12.80	12.96	13.12	13.30	13.48	13.68	13.89	14.12	14.35	14.58	14.83	0.1%
Distillate Fuel Oil	16.42	16.88	17.26	17.10	17.26	17.33	17.40	17.64	17.84	18.01	18.19	18.42	18.74	0.0%
Residual Fuel Oil	8.58	8.72	8.82	8.93	8.98	9.18	9.37	9.53	9.69	9.70	9.89	9.97	10.13	0.7%
Natural Gas	8.38	8.49	8.39	8.27	8.41	8.54	8.69	8.83	9.00	9.08	9.32	9.51	9.65	-0.2%
Metallurgical Coal	3.79	3.81	3.83	3.85	3.87	3.89	3.91	3.93	3.96	3.98	4.00	4.02	4.05	0.2%
Other Coal	1.61	1.61	1.62	1.62	1.63	1.63	1.64	1.64	1.64	1.65	1.66	1.66	1.67	0.2%
Coal to Liquids	1.44	1.45	--	--	--	--	--	--	--	--	--	--	--	--
Electricity	22.39	22.37	22.35	22.24	22.36	22.45	22.46	22.47	22.44	22.46	22.63	22.75	22.99	0.2%
Non-Renewable Energy Expenditures by Sector (billion 2006 dollars)														
Residential	37.00	37.18	37.13	36.92	37.35	37.72	38.17	38.43	38.83	39.11	39.80	40.19	40.72	0.6%
Commercial	26.34	26.74	27.00	27.18	27.75	28.22	28.66	29.10	29.56	29.97	30.66	31.25	31.95	1.3%
Industrial	31.36	31.37	31.12	30.70	30.82	30.86	30.88	30.98	31.09	31.10	31.37	31.43	31.60	-0.1%
Transportation	64.76	66.22	67.01	65.79	65.82	65.72	65.71	66.13	66.59	67.06	67.76	68.61	69.50	-0.5%
Total Non-Renewable Expenditures	159.45	161.51	162.25	160.60	161.73	162.53	163.41	164.65	166.08	167.24	169.60	171.48	173.77	0.1%
Transportation Renewable Expenditures	4.38	4.92	5.21	5.34	5.63	6.04	6.28	6.50	6.71	6.87	7.06	7.20	7.36	33.5%
Total Expenditures	163.84	166.43	167.47	165.94	167.37	168.56	169.69	171.15	172.79	174.11	176.66	178.68	181.13	0.3%

Table 13. Energy Prices by Sector and Source
(2006 dollars per million Btu, unless otherwise noted)-East North Central - 03

- 1/ Includes energy for combined heat and power plants, except those whose primary business is to sell electricity, or electricity and heat, to the public.
- 2/ Excludes use for lease and plant fuel.
- 3/ Includes Federal and State taxes while excluding county and local taxes.
- 4/ E85 refers to a blend of 85 percent ethanol (renewable) and 15 percent motor gasoline (nonrenewable). To address cold starting issues, the percentage of ethanol varies seasonally. The annual average ethanol content of 74 percent is used for this forecast.
- 5/ Sales weighted-average price for all grades. Includes Federal, State, and local taxes.
- 6/ Kerosene-type jet fuel. Includes Federal and State taxes while excluding county and local taxes.
- 7/ Diesel fuel for on-road use. Includes Federal and State taxes while excluding county and local taxes.
- 8/ Compressed natural gas used as a vehicle fuel. Includes estimated motor vehicle fuel taxes and estimated dispensing costs or charges.
- 9/ Includes electricity-only and combined heat and power plants whose primary business is to sell electricity, or electricity and heat, to the public.
- 10/ 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.

-- = Not applicable.

Note: Data for 2005 and 2006 are model results and may differ slightly from official EIA data reports.

Sources: 2005 and 2006 prices for motor gasoline, distillate fuel oil, and jet fuel are based on prices in the Energy Information Administration (EIA), Petroleum Marketing Annual 2006, DOE/EIA-0487(2006) (Washington, DC, August 2007). 2005 residential and commercial natural gas delivered prices: EIA, Natural Gas Annual 2005, DOE/EIA-0131(2005) (Washington, DC, November 2006). 2006 residential and commercial natural gas delivered prices: EIA, Natural Gas Monthly, DOE/EIA-0130(2007/04) (Washington, DC, April 2007). 2005 and 2006 industrial natural gas delivered prices are estimated based on: EIA, Manufacturing Energy Consumption Survey 1994 and industrial and wellhead prices from the Natural Gas Annual 2005, DOE/EIA-0131(2005) (Washington, DC, November 2006) and the Natural Gas Monthly, DOE/EIA-0130(2007/04) (Washington, DC, April 2007). 2005 transportation sector natural gas delivered prices are based on: EIA, Natural Gas Annual 2005, DOE/EIA-0131(2005) (Washington, DC, November 2006) and estimated state taxes, federal taxes, and dispensing costs or charges. 2006 transportation sector natural gas delivered prices are model results. 2005 and 2006 electric power sector natural gas prices: EIA, Electric Power Monthly, May 2006 through April 2007, Table 4.11.A. 2005 and 2006 coal prices based on: EIA, Quarterly Coal Report, October-December 2006, DOE/EIA-0121(2006/4Q) (Washington, DC, March 2007) and EIA, AEO2008 National Energy Modeling System run aeo2008.d030208f. 2005 and 2006 electricity prices: EIA, Annual Energy Review 2006, DOE/EIA-0384(2006) (Washington, DC, June 2007). 2005 and 2006 E85 prices derived from monthly prices in the Clean Cities Alternative Fuel Price Report. Projections: EIA, AEO2008 National Energy Modeling System run aeo2008.d030208f.

Table 14. Energy Prices by Sector and Source
(2006 dollars per million Btu, unless otherwise noted)-West North Central - 04

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Residential													
Liquefied Petroleum Gases	14.52	20.03	21.47	23.30	21.64	21.23	20.93	20.72	20.46	20.26	20.14	20.10	20.16
Distillate Fuel Oil	15.81	16.70	18.42	21.47	16.33	15.71	15.16	14.34	13.66	13.38	12.76	12.33	12.35
Natural Gas	11.88	12.23	11.74	11.89	11.86	11.27	10.99	10.79	10.57	10.41	10.30	10.28	10.39
Electricity	23.56	23.90	24.52	24.49	25.75	26.17	25.89	25.41	25.46	25.44	25.15	25.08	25.12
Commercial													
Distillate Fuel Oil	13.33	14.08	16.86	19.14	15.34	14.72	14.48	13.61	13.00	12.85	12.33	11.89	11.92
Residual Fuel	9.59	10.27	9.65	13.81	11.56	10.78	10.22	7.85	7.66	7.61	7.26	7.13	7.07
Natural Gas	10.66	10.69	10.19	10.52	10.51	9.88	9.60	9.40	9.18	9.01	8.92	8.90	9.00
Electricity	19.18	19.48	20.79	21.18	22.03	22.48	22.21	21.74	21.42	21.22	20.92	20.88	20.92
Industrial 1/													
Liquefied Petroleum Gases	17.75	17.31	18.17	18.34	21.53	21.12	20.82	20.60	20.35	20.15	20.03	19.99	20.05
Distillate Fuel Oil	14.57	15.40	16.82	20.19	16.51	15.89	16.00	15.10	14.54	14.49	14.04	13.58	13.63
Residual Fuel Oil	9.59	8.90	8.34	11.96	11.56	10.78	10.22	7.85	7.66	7.61	7.26	7.13	7.07
Natural Gas 2/	8.17	7.45	7.31	7.93	8.15	7.76	7.47	7.26	7.01	6.83	6.71	6.67	6.73
Metallurgical Coal	--	--	--	--	--	--	--	--	--	--	--	--	--
Other Industrial Coal	1.22	1.39	1.46	1.51	1.50	1.48	1.51	1.49	1.50	1.51	1.52	1.51	1.52
Coal to Liquids	--	--	--	--	--	--	0.95	0.93	0.94	0.95	0.99	0.99	1.01
Electricity	14.27	14.56	15.08	15.71	16.27	16.51	16.18	15.84	15.63	15.50	15.28	15.24	15.27
Transportation													
Liquefied Petroleum Gases 3/	21.51	22.96	23.89	24.00	25.44	27.44	27.13	26.91	26.65	26.45	26.33	26.28	26.34
E85 4/	23.89	22.32	24.95	24.79	24.55	21.96	21.76	21.22	20.75	20.69	16.53	16.42	16.11
Motor Gasoline 5/	19.04	20.81	22.12	24.06	22.98	21.08	20.80	20.20	19.66	19.54	18.95	18.48	18.55
Jet Fuel 6/	13.23	14.97	15.14	15.88	16.63	15.94	15.51	14.70	14.02	13.67	13.09	12.67	12.68
Distillate Fuel Oil 7/	17.66	20.06	20.84	23.15	20.12	19.42	19.27	18.34	17.76	17.73	17.29	16.78	16.81
Residual Fuel Oil	6.99	6.89	6.37	7.56	11.66	10.87	10.36	9.75	9.22	8.97	8.41	7.96	7.96
Natural Gas 8/	12.81	12.18	11.75	12.14	12.27	11.78	11.43	11.16	10.85	10.62	10.46	10.38	10.39
Electricity	18.43	18.56	18.51	19.46	20.16	20.63	20.45	20.20	20.04	19.97	19.81	19.86	19.95
Electric Power 9/													
Distillate Fuel Oil	12.82	13.55	14.81	17.77	13.89	13.28	12.72	11.90	11.22	10.94	10.33	9.90	9.91
Residual Fuel Oil	6.23	6.15	6.51	7.90	10.23	9.44	8.90	7.47	7.10	6.94	6.48	6.18	6.15
Natural Gas	7.95	6.49	6.75	7.09	7.17	6.68	6.37	6.15	5.88	5.70	5.59	5.55	5.60
Steam Coal	1.01	1.11	1.17	1.21	1.24	1.28	1.29	1.27	1.27	1.28	1.27	1.26	1.27

Table 14. Energy Prices by Sector and Source
 (2006 dollars per million Btu, unless otherwise noted)-West North Central - 04

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Average Price to All Users 10/													
Liquefied Petroleum Gases	16.54	18.09	19.09	19.81	21.62	21.23	20.93	20.72	20.46	20.27	20.15	20.10	20.17
E85 4/	23.89	22.32	24.95	24.79	24.55	21.96	21.76	21.22	20.75	20.69	16.53	16.42	16.11
Motor Gasoline 5/	18.89	20.58	21.90	23.86	22.98	21.08	20.80	20.20	19.66	19.54	18.95	18.48	18.55
Jet Fuel	13.23	14.97	15.14	15.88	16.63	15.94	15.51	14.70	14.02	13.67	13.09	12.67	12.68
Distillate Fuel Oil	16.66	18.67	19.58	22.16	18.79	18.13	18.02	17.19	16.73	16.69	16.24	15.78	15.81
Residual Fuel Oil	8.19	8.42	7.63	11.63	11.56	10.77	10.22	8.09	7.87	7.80	7.40	7.23	7.18
Natural Gas	10.02	9.62	9.54	9.87	9.82	9.26	8.96	8.75	8.54	8.35	8.23	8.19	8.27
Metallurgical Coal	--	--	--	--	--	--	--	--	--	--	--	--	--
Other Coal	1.02	1.13	1.20	1.24	1.26	1.30	1.31	1.29	1.29	1.29	1.29	1.28	1.28
Coal to Liquids	--	--	--	--	--	--	0.95	0.93	0.94	0.95	0.99	0.99	1.01
Electricity	19.32	19.57	20.43	20.68	21.75	22.09	21.77	21.34	21.15	21.02	20.74	20.69	20.73
Non-Renewable Energy Expenditures by Sector (billion 2006 dollars)													
Residential	14.78	14.74	15.92	16.36	16.48	16.33	16.11	15.91	15.56	15.44	15.29	15.32	15.38
Commercial	9.80	9.84	10.56	10.86	11.13	11.19	11.15	11.06	11.03	11.07	11.08	11.22	11.41
Industrial	14.83	15.05	15.84	18.03	18.58	18.73	18.63	17.93	17.26	16.98	16.72	16.53	16.58
Transportation	35.84	39.77	42.26	46.19	43.40	40.97	40.89	39.90	39.09	39.05	36.23	35.24	35.20
Total Non-Renewable Expenditures	75.26	79.41	84.57	91.43	89.60	87.22	86.78	84.80	82.94	82.54	79.33	78.31	78.57
Transportation Renewable Expenditures	0.00	0.00	0.00	0.01	0.00	0.01	0.01	0.01	0.01	0.01	1.43	1.59	1.72
Total Expenditures	75.26	79.41	84.58	91.44	89.60	87.23	86.79	84.81	82.95	82.55	80.76	79.89	80.29

Table 14. Energy Prices by Sector and Source
(2006 dollars per million Btu, unless otherwise noted)-West North Central - 04

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2006-2030
Residential														
Liquefied Petroleum Gases	20.22	20.27	20.08	19.91	20.07	20.18	20.32	20.47	20.63	20.77	20.98	21.17	21.35	0.3%
Distillate Fuel Oil	12.49	12.63	12.74	12.85	13.00	13.19	13.43	13.64	13.88	14.06	14.28	14.53	14.68	-0.5%
Natural Gas	10.49	10.58	10.42	10.31	10.47	10.63	10.81	10.98	11.20	11.32	11.56	11.80	11.99	-0.1%
Electricity	25.19	25.16	25.16	25.09	25.04	25.03	24.99	24.94	24.88	24.83	24.81	24.86	24.93	0.2%
Commercial														
Distillate Fuel Oil	12.06	12.38	12.65	12.62	12.78	12.91	13.07	13.30	13.53	13.71	13.91	14.16	14.40	0.1%
Residual Fuel	7.26	7.69	8.06	8.21	8.30	8.51	8.70	8.86	9.01	9.03	9.21	9.30	9.46	-0.3%
Natural Gas	9.10	9.18	9.03	8.91	9.08	9.24	9.42	9.58	9.80	9.93	10.17	10.39	10.58	0.0%
Electricity	21.01	20.99	20.95	20.84	20.80	20.81	20.83	20.79	20.78	20.78	20.85	20.93	21.07	0.3%
Industrial 1/														
Liquefied Petroleum Gases	20.11	20.16	19.97	19.80	19.95	20.07	20.21	20.36	20.52	20.65	20.87	21.06	21.24	0.9%
Distillate Fuel Oil	13.77	14.22	14.60	14.47	14.64	14.73	14.83	15.07	15.30	15.48	15.67	15.91	16.22	0.2%
Residual Fuel Oil	7.26	7.69	8.06	8.21	8.30	8.51	8.70	8.86	9.01	9.03	9.21	9.30	9.46	0.3%
Natural Gas 2/	6.79	6.83	6.65	6.49	6.64	6.75	6.88	7.02	7.20	7.31	7.51	7.70	7.87	0.2%
Metallurgical Coal	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Other Industrial Coal	1.59	1.59	1.59	1.58	1.60	1.61	1.62	1.63	1.65	1.66	1.67	1.67	1.68	0.8%
Coal to Liquids	1.20	1.18	1.18	1.17	1.20	1.20	1.22	1.22	1.24	1.25	1.27	1.25	1.26	--
Electricity	15.33	15.31	15.29	15.21	15.17	15.19	15.19	15.16	15.15	15.13	15.17	15.22	15.31	0.2%
Transportation														
Liquefied Petroleum Gases 3/	26.39	26.43	26.24	26.07	26.22	26.33	26.46	26.60	26.76	26.89	27.10	27.29	27.46	0.7%
E85 4/	16.25	17.59	17.10	16.87	16.99	17.45	18.02	17.88	18.30	18.46	18.75	19.09	19.16	-0.6%
Motor Gasoline 5/	18.77	19.38	19.88	19.62	19.75	19.81	19.81	20.02	20.14	20.26	20.48	20.69	20.89	0.0%
Jet Fuel 6/	12.82	12.98	13.11	13.26	13.42	13.59	13.77	13.96	14.17	14.40	14.62	14.85	15.10	0.0%
Distillate Fuel Oil 7/	16.92	17.40	17.78	17.61	17.74	17.79	17.82	18.05	18.26	18.42	18.57	18.80	19.12	-0.2%
Residual Fuel Oil	8.07	8.21	8.31	8.41	8.43	8.60	8.79	8.96	9.11	9.13	9.31	9.39	9.56	1.4%
Natural Gas 8/	10.41	10.41	10.18	9.98	10.08	10.15	10.23	10.33	10.47	10.53	10.69	10.84	10.97	-0.4%
Electricity	20.06	20.09	20.11	20.05	20.07	19.10	19.18	19.24	19.35	19.44	19.58	19.71	19.86	0.3%
Electric Power 9/														
Distillate Fuel Oil	10.05	10.20	10.31	10.41	10.56	10.76	10.99	11.20	11.45	11.62	11.84	12.09	12.24	-0.4%
Residual Fuel Oil	6.30	6.57	6.80	6.93	6.98	7.17	7.36	7.52	7.68	7.69	7.88	7.96	8.12	1.2%
Natural Gas	5.66	5.69	5.50	5.34	5.49	5.59	5.72	5.86	6.03	6.16	6.37	6.55	6.73	0.1%
Steam Coal	1.30	1.31	1.32	1.31	1.32	1.33	1.33	1.34	1.35	1.36	1.37	1.37	1.38	0.9%

Table 14. Energy Prices by Sector and Source
(2006 dollars per million Btu, unless otherwise noted)-West North Central - 04

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2006-2030
Average Price to All Users 10/														
Liquefied Petroleum Gases	20.23	20.28	20.09	19.92	20.08	20.19	20.34	20.48	20.65	20.78	20.99	21.19	21.37	0.7%
E85 4/	16.25	17.59	17.10	16.87	16.99	17.45	18.02	17.88	18.30	18.46	18.75	19.09	19.16	-0.6%
Motor Gasoline 5/	18.76	19.38	19.88	19.62	19.75	19.81	19.81	20.02	20.14	20.26	20.48	20.69	20.88	0.1%
Jet Fuel	12.82	12.98	13.11	13.26	13.42	13.59	13.77	13.96	14.17	14.40	14.62	14.85	15.10	0.0%
Distillate Fuel Oil	15.94	16.40	16.79	16.63	16.78	16.84	16.91	17.15	17.36	17.53	17.71	17.95	18.26	-0.1%
Residual Fuel Oil	7.37	7.76	8.09	8.23	8.31	8.51	8.70	8.87	9.02	9.04	9.22	9.31	9.47	0.5%
Natural Gas	8.35	8.43	8.25	8.09	8.27	8.42	8.58	8.74	8.95	9.07	9.27	9.51	9.69	0.0%
Metallurgical Coal	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Other Coal	1.32	1.32	1.33	1.33	1.34	1.34	1.35	1.36	1.37	1.38	1.39	1.39	1.40	0.9%
Coal to Liquids	1.20	1.18	1.18	1.17	1.20	1.20	1.22	1.22	1.24	1.25	1.27	1.25	1.26	--
Electricity	20.80	20.79	20.78	20.70	20.68	20.70	20.71	20.69	20.68	20.67	20.73	20.81	20.94	0.3%
Non-Renewable Energy Expenditures by Sector (billion 2006 dollars)														
Residential	15.49	15.55	15.50	15.41	15.53	15.65	15.81	15.89	16.04	16.15	16.36	16.51	16.68	0.5%
Commercial	11.62	11.79	11.88	11.95	12.14	12.33	12.54	12.72	12.93	13.11	13.37	13.62	13.89	1.4%
Industrial	16.58	16.62	16.44	16.22	16.28	16.32	16.39	16.46	16.60	16.67	16.82	16.94	17.09	0.5%
Transportation	35.38	36.26	36.82	36.22	36.31	36.30	36.33	36.63	36.92	37.22	37.64	38.14	38.69	-0.1%
Total Non-Renewable Expenditures	79.08	80.22	80.65	79.80	80.26	80.61	81.06	81.70	82.50	83.15	84.20	85.21	86.35	0.3%
Transportation Renewable Expenditures	1.88	2.13	2.23	2.34	2.47	2.63	2.77	2.85	2.96	3.05	3.14	3.22	3.29	34.6%
Total Expenditures	80.96	82.35	82.88	82.14	82.73	83.24	83.83	84.55	85.47	86.20	87.33	88.43	89.64	0.5%

Table 14. Energy Prices by Sector and Source
(2006 dollars per million Btu, unless otherwise noted)-West North Central - 04

- 1/ Includes energy for combined heat and power plants, except those whose primary business is to sell electricity, or electricity and heat, to the public.
2/ Excludes use for lease and plant fuel.
3/ Includes Federal and State taxes while excluding county and local taxes.
4/ E85 refers to a blend of 85 percent ethanol (renewable) and 15 percent motor gasoline (nonrenewable). To address cold starting issues, the percentage of ethanol varies seasonally. The annual average ethanol content of 74 percent is used for this forecast.
5/ Sales weighted-average price for all grades. Includes Federal, State, and local taxes.
6/ Kerosene-type jet fuel. Includes Federal and State taxes while excluding county and local taxes.
7/ Diesel fuel for on-road use. Includes Federal and State taxes while excluding county and local taxes.
8/ Compressed natural gas used as a vehicle fuel. Includes estimated motor vehicle fuel taxes and estimated dispensing costs or charges.
9/ Includes electricity-only and combined heat and power plants whose primary business is to sell electricity, or electricity and heat, to the public.
10/ 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.

-- = Not applicable.

Note: Data for 2005 and 2006 are model results and may differ slightly from official EIA data reports.

Sources: 2005 and 2006 prices for motor gasoline, distillate fuel oil, and jet fuel are based on prices in the Energy Information Administration (EIA), Petroleum Marketing Annual 2006, DOE/EIA-0487(2006) (Washington, DC, August 2007). 2005 residential and commercial natural gas delivered prices: EIA, Natural Gas Annual 2005, DOE/EIA-0131(2005) (Washington, DC, November 2006). 2006 residential and commercial natural gas delivered prices: EIA, Natural Gas Monthly, DOE/EIA-0130(2007/04) (Washington, DC, April 2007). 2005 and 2006 industrial natural gas delivered prices are estimated based on: EIA, Manufacturing Energy Consumption Survey 1994 and industrial and wellhead prices from the Natural Gas Annual 2005, DOE/EIA-0131(2005) (Washington, DC, November 2006) and the Natural Gas Monthly, DOE/EIA-0130(2007/04) (Washington, DC, April 2007). 2005 transportation sector natural gas delivered prices are based on: EIA, Natural Gas Annual 2005, DOE/EIA-0131(2005) (Washington, DC, November 2006) and estimated state taxes, federal taxes, and dispensing costs or charges. 2006 transportation sector natural gas delivered prices are model results. 2005 and 2006 electric power sector natural gas prices: EIA, Electric Power Monthly, May 2006 through April 2007, Table 4.11.A. 2005 and 2006 coal prices based on: EIA, Quarterly Coal Report, October-December 2006, DOE/EIA-0121(2006/4Q) (Washington, DC, March 2007) and EIA, AEO2008 National Energy Modeling System run aeo2008.d030208f. 2005 and 2006 electricity prices: EIA, Annual Energy Review 2006, DOE/EIA-0384(2006) (Washington, DC, June 2007). 2005 and 2006 E85 prices derived from monthly prices in the Clean Cities Alternative Fuel Price Report. Projections: EIA, AEO2008 National Energy Modeling System run aeo2008.d030208f.

Table 15. Energy Prices by Sector and Source
(2006 dollars per million Btu, unless otherwise noted)-Souh Atlantic - 05

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Residential													
Liquefied Petroleum Gases	21.58	25.46	27.28	29.60	28.25	27.92	27.64	27.46	27.20	26.99	26.84	26.78	26.84
Distillate Fuel Oil	17.21	18.18	19.35	21.51	17.86	17.20	16.51	15.80	15.10	14.83	14.25	13.82	13.83
Natural Gas	15.65	16.86	14.31	14.24	14.35	13.89	13.66	13.48	13.31	13.15	13.03	13.02	13.15
Electricity	26.75	28.72	28.81	28.62	29.83	29.85	29.13	28.71	28.44	28.11	27.88	27.80	27.82
Commercial													
Distillate Fuel Oil	13.41	14.17	16.27	18.44	15.51	14.86	14.52	13.72	13.10	12.96	12.46	12.01	12.04
Residual Fuel	10.45	8.28	7.77	11.13	11.58	10.83	10.27	9.58	9.05	8.80	8.24	7.79	7.78
Natural Gas	12.92	13.21	11.43	11.71	11.96	11.41	11.16	11.01	10.79	10.61	10.48	10.46	10.56
Electricity	22.71	24.91	25.60	25.86	26.86	26.79	26.02	25.65	25.08	24.58	24.36	24.31	24.32
Industrial 1/													
Liquefied Petroleum Gases	17.28	21.59	22.66	22.90	22.65	22.31	22.04	21.86	21.60	21.39	21.23	21.18	21.24
Distillate Fuel Oil	13.97	14.76	16.85	19.38	16.09	15.45	15.50	14.63	14.07	14.03	13.59	13.13	13.16
Residual Fuel Oil	10.61	9.36	8.77	12.58	11.58	10.83	10.27	9.58	9.05	8.80	8.24	7.79	7.78
Natural Gas 2/	9.37	8.56	7.36	7.95	8.42	8.10	7.84	7.66	7.41	7.21	7.06	7.01	7.07
Metallurgical Coal	2.81	3.02	3.34	3.49	3.51	3.54	3.39	3.25	3.15	3.04	2.91	2.82	2.78
Other Industrial Coal	2.93	2.96	3.03	3.12	3.09	2.98	2.89	2.80	2.76	2.73	2.69	2.67	2.64
Coal to Liquids	--	--	--	--	--	--	--	--	--	--	--	--	--
Electricity	16.05	16.04	17.18	17.76	18.40	18.21	17.66	17.33	16.90	16.56	16.42	16.40	16.41
Transportation													
Liquefied Petroleum Gases 3/	20.59	21.97	22.87	22.98	24.11	26.18	25.90	25.71	25.45	25.23	25.07	25.01	25.07
E85 4/	23.89	23.95	24.89	22.63	22.40	20.73	19.77	24.12	18.84	18.72	18.62	18.17	19.37
Motor Gasoline 5/	18.39	20.59	21.88	23.81	22.38	20.92	19.97	19.38	18.85	18.72	18.15	17.68	17.75
Jet Fuel 6/	12.98	14.89	15.06	15.80	16.97	16.44	15.99	15.22	14.60	14.27	13.70	13.30	13.33
Distillate Fuel Oil 7/	17.58	19.17	19.92	22.13	19.99	19.29	19.10	18.16	17.60	17.58	17.14	16.63	16.64
Residual Fuel Oil	8.18	7.87	8.12	9.67	11.13	10.30	9.78	9.17	8.63	8.39	7.82	7.38	7.37
Natural Gas 8/	14.99	14.29	12.85	13.26	13.64	13.24	12.92	12.72	12.41	12.17	11.99	11.90	11.92
Electricity	22.83	23.39	22.78	23.61	24.46	24.42	23.79	23.47	22.96	22.54	22.35	22.32	22.32
Electric Power 9/													
Distillate Fuel Oil	12.29	12.99	14.82	17.05	14.50	13.84	13.15	12.44	11.74	11.47	10.89	10.46	10.47
Residual Fuel Oil	7.18	7.85	8.31	10.08	11.13	10.34	9.80	9.15	8.62	8.37	7.81	7.36	7.35
Natural Gas	9.15	8.21	7.20	7.52	7.83	7.44	7.18	7.18	6.86	6.61	6.44	6.37	6.40
Steam Coal	2.30	2.31	2.33	2.37	2.43	2.44	2.36	2.30	2.26	2.23	2.21	2.19	2.18

Table 15. Energy Prices by Sector and Source
 (2006 dollars per million Btu, unless otherwise noted)-Souh Atlantic - 05

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Average Price to All Users 10/													
Liquefied Petroleum Gases	19.92	24.17	25.32	26.76	26.22	25.91	25.65	25.51	25.27	25.08	24.94	24.88	24.96
E85 4/	23.89	23.95	24.89	22.63	22.40	20.73	19.77	24.12	18.84	18.72	18.62	18.17	19.37
Motor Gasoline 5/	18.32	20.47	21.77	23.70	22.38	20.92	19.97	19.38	18.85	18.72	18.15	17.68	17.75
Jet Fuel	12.98	14.89	15.06	15.80	16.97	16.44	15.99	15.22	14.60	14.27	13.70	13.30	13.33
Distillate Fuel Oil	16.58	18.11	19.14	21.39	18.87	18.19	17.98	17.16	16.70	16.66	16.20	15.72	15.74
Residual Fuel Oil	8.08	8.25	8.38	10.73	11.28	10.48	9.93	9.28	8.74	8.50	7.93	7.49	7.48
Natural Gas	11.17	10.55	9.41	9.73	10.11	9.63	9.39	9.26	9.04	8.86	8.75	8.74	8.86
Metallurgical Coal	2.81	3.02	3.34	3.49	3.51	3.54	3.39	3.25	3.15	3.04	2.91	2.82	2.78
Other Coal	2.34	2.34	2.37	2.42	2.47	2.47	2.40	2.32	2.29	2.26	2.24	2.22	2.21
Coal to Liquids	--	--	--	--	--	--	--	--	--	--	--	--	--
Electricity	23.01	24.73	25.35	25.43	26.45	26.38	25.68	25.32	24.89	24.51	24.32	24.29	24.32
Non-Renewable Energy Expenditures by Sector (billion 2006 dollars)													
Residential	41.97	43.31	44.00	45.14	47.30	47.60	47.28	47.48	46.77	46.77	47.00	47.66	48.36
Commercial	28.39	31.57	32.90	34.13	35.06	35.11	34.78	34.89	34.82	34.92	35.33	35.98	36.75
Industrial	25.19	24.58	24.51	27.60	28.61	27.96	27.38	26.51	25.46	24.81	24.22	23.82	23.73
Transportation	90.71	101.84	108.35	117.62	110.89	105.33	102.26	99.81	97.90	98.04	95.85	94.10	95.07
Total Non-Renewable Expenditures	186.25	201.30	209.76	224.50	221.87	216.00	211.69	208.69	204.95	204.54	202.41	201.57	203.91
Transportation Renewable Expenditures	0.00	0.01	0.01	0.03	0.02	0.02	0.02	0.04	0.02	0.03	0.02	0.03	0.02
Total Expenditures	186.26	201.31	209.77	224.53	221.88	216.02	211.71	208.72	204.98	204.57	202.43	201.60	203.93

Table 15. Energy Prices by Sector and Source
(2006 dollars per million Btu, unless otherwise noted)-Souh Atlantic - 05

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2006-2030
Residential														
Liquefied Petroleum Gases	26.92	26.99	26.97	26.90	27.03	27.11	27.24	27.35	27.44	27.48	27.72	27.85	27.99	0.4%
Distillate Fuel Oil	13.97	14.12	14.23	14.33	14.44	14.64	14.87	15.08	15.33	15.50	15.72	15.97	16.21	-0.5%
Natural Gas	13.30	13.43	13.45	13.45	13.63	13.78	13.98	14.17	14.36	14.44	14.75	14.97	15.17	-0.4%
Electricity	27.96	27.97	27.96	27.86	27.94	28.00	28.02	28.06	28.07	28.06	28.11	28.18	28.34	-0.1%
Commercial														
Distillate Fuel Oil	12.19	12.51	12.78	12.75	12.89	13.02	13.18	13.41	13.64	13.82	14.02	14.27	14.56	0.1%
Residual Fuel	7.90	8.04	8.14	8.24	8.31	8.48	8.67	8.84	9.02	9.04	9.23	9.31	9.48	0.6%
Natural Gas	10.68	10.79	10.81	10.78	10.94	11.06	11.24	11.39	11.55	11.60	11.88	12.06	12.23	-0.3%
Electricity	24.45	24.43	24.39	24.21	24.25	24.32	24.35	24.38	24.39	24.41	24.51	24.54	24.71	0.0%
Industrial 1/														
Liquefied Petroleum Gases	21.32	21.39	21.37	21.30	21.42	21.50	21.64	21.74	21.84	21.87	22.12	22.25	22.38	0.1%
Distillate Fuel Oil	13.32	13.77	14.16	14.03	14.19	14.28	14.38	14.62	14.85	15.03	15.22	15.47	15.79	0.3%
Residual Fuel Oil	7.90	8.04	8.14	8.24	8.31	8.48	8.67	8.84	9.02	9.04	9.23	9.31	9.48	0.1%
Natural Gas 2/	7.15	7.21	7.19	7.13	7.24	7.32	7.45	7.55	7.67	7.68	7.91	8.04	8.17	-0.2%
Metallurgical Coal	2.76	2.78	2.80	2.81	2.83	2.85	2.87	2.89	2.91	2.93	2.94	2.96	2.98	-0.1%
Other Industrial Coal	2.62	2.61	2.62	2.62	2.62	2.62	2.62	2.61	2.61	2.61	2.61	2.62	2.63	-0.5%
Coal to Liquids	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Electricity	16.52	16.50	16.46	16.31	16.31	16.32	16.33	16.35	16.34	16.35	16.43	16.46	16.56	0.1%
Transportation														
Liquefied Petroleum Gases 3/	25.15	25.21	25.19	25.11	25.23	25.31	25.43	25.54	25.63	25.66	25.90	26.02	26.15	0.7%
E85 4/	19.64	20.31	24.25	16.75	17.52	20.21	20.22	20.43	20.54	20.66	20.88	21.08	21.27	-0.5%
Motor Gasoline 5/	17.96	18.57	19.05	18.80	18.93	18.98	18.99	19.19	19.30	19.42	19.64	19.85	20.04	-0.1%
Jet Fuel 6/	13.49	13.66	13.81	13.97	14.13	14.31	14.50	14.70	14.92	15.15	15.38	15.62	15.87	0.3%
Distillate Fuel Oil 7/	16.76	17.25	17.63	17.46	17.60	17.65	17.68	17.91	18.12	18.28	18.43	18.66	18.99	0.0%
Residual Fuel Oil	7.48	7.62	7.72	7.83	7.89	8.06	8.26	8.42	8.61	8.63	8.81	8.90	9.06	0.6%
Natural Gas 8/	11.96	12.01	11.96	11.86	11.95	11.98	12.08	12.14	12.23	12.20	12.40	12.49	12.59	-0.5%
Electricity	22.43	22.41	22.37	22.21	22.25	21.84	21.91	21.97	22.02	22.06	22.18	22.24	22.39	-0.2%
Electric Power 9/														
Distillate Fuel Oil	10.61	10.76	10.87	10.97	11.08	11.28	11.51	11.72	11.97	12.14	12.36	12.61	12.85	0.0%
Residual Fuel Oil	7.47	7.61	7.71	7.81	7.88	8.05	8.24	8.41	8.59	8.61	8.80	8.88	9.05	0.6%
Natural Gas	6.44	6.50	6.44	6.37	6.49	6.54	6.66	6.76	6.84	6.89	7.11	7.21	7.33	-0.5%
Steam Coal	2.14	2.14	2.14	2.15	2.15	2.15	2.15	2.15	2.14	2.14	2.15	2.16	2.17	-0.3%

Table 15. Energy Prices by Sector and Source
(2006 dollars per million Btu, unless otherwise noted)-Souh Atlantic - 05

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2006-2030
Average Price to All Users 10/														
Liquefied Petroleum Gases	25.07	25.16	25.17	25.16	25.31	25.41	25.56	25.67	25.78	25.83	26.09	26.22	26.37	0.4%
E85 4/	19.64	20.31	24.25	16.75	17.52	20.21	20.22	20.43	20.54	20.66	20.88	21.08	21.27	-0.5%
Motor Gasoline 5/	17.96	18.57	19.05	18.80	18.93	18.98	18.98	19.19	19.30	19.42	19.64	19.85	20.04	-0.1%
Jet Fuel	13.49	13.66	13.81	13.97	14.13	14.31	14.50	14.70	14.92	15.15	15.38	15.62	15.87	0.3%
Distillate Fuel Oil	15.89	16.35	16.74	16.59	16.75	16.82	16.91	17.15	17.36	17.53	17.71	17.95	18.27	0.0%
Residual Fuel Oil	7.59	7.73	7.83	7.93	8.00	8.17	8.36	8.53	8.71	8.73	8.92	9.00	9.17	0.4%
Natural Gas	8.99	9.13	9.18	9.17	9.34	9.47	9.66	9.80	9.94	9.97	10.22	10.40	10.57	0.0%
Metallurgical Coal	2.76	2.78	2.80	2.81	2.83	2.85	2.87	2.89	2.91	2.93	2.94	2.96	2.98	-0.1%
Other Coal	2.16	2.16	2.16	2.17	2.17	2.17	2.17	2.17	2.16	2.16	2.17	2.18	2.19	-0.3%
Coal to Liquids	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Electricity	24.48	24.50	24.49	24.37	24.44	24.52	24.57	24.61	24.64	24.67	24.77	24.83	25.01	0.0%
Non-Renewable Energy Expenditures by Sector (billion 2006 dollars)														
Residential	49.33	50.08	50.69	51.03	51.91	52.80	53.76	54.54	55.45	56.24	57.38	58.23	59.33	1.3%
Commercial	37.69	38.47	39.17	39.68	40.57	41.48	42.36	43.23	44.09	44.89	45.94	46.83	47.93	1.8%
Industrial	23.68	23.78	23.86	23.57	23.70	23.77	23.95	24.21	24.44	24.60	24.91	25.09	25.32	0.1%
Transportation	96.75	100.17	102.95	100.88	101.75	104.92	105.92	107.99	109.78	111.64	113.96	116.39	119.06	0.7%
Total Non-Renewable Expenditures	207.45	212.49	216.67	215.16	217.93	222.97	226.00	229.96	233.76	237.38	242.19	246.53	251.63	0.9%
Transportation Renewable Expenditures	0.02	0.02	0.05	1.45	2.00	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	9.9%
Total Expenditures	207.47	212.52	216.72	216.61	219.93	223.02	226.05	230.02	233.81	237.44	242.25	246.60	251.70	0.9%

Table 15. Energy Prices by Sector and Source
(2006 dollars per million Btu, unless otherwise noted)-Souh Atlantic - 05

- 1/ Includes energy for combined heat and power plants, except those whose primary business is to sell electricity, or electricity and heat, to the public.
2/ Excludes use for lease and plant fuel.
3/ Includes Federal and State taxes while excluding county and local taxes.
4/ E85 refers to a blend of 85 percent ethanol (renewable) and 15 percent motor gasoline (nonrenewable). To address cold starting issues, the percentage of ethanol varies seasonally. The annual average ethanol content of 74 percent is used for this forecast.
5/ Sales weighted-average price for all grades. Includes Federal, State, and local taxes.
6/ Kerosene-type jet fuel. Includes Federal and State taxes while excluding county and local taxes.
7/ Diesel fuel for on-road use. Includes Federal and State taxes while excluding county and local taxes.
8/ Compressed natural gas used as a vehicle fuel. Includes estimated motor vehicle fuel taxes and estimated dispensing costs or charges.
9/ Includes electricity-only and combined heat and power plants whose primary business is to sell electricity, or electricity and heat, to the public.
10/ 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.

-- = Not applicable.

Note: Data for 2005 and 2006 are model results and may differ slightly from official EIA data reports.

Sources: 2005 and 2006 prices for motor gasoline, distillate fuel oil, and jet fuel are based on prices in the Energy Information Administration (EIA), Petroleum Marketing Annual 2006, DOE/EIA-0487(2006) (Washington, DC, August 2007). 2005 residential and commercial natural gas delivered prices: EIA, Natural Gas Annual 2005, DOE/EIA-0131(2005) (Washington, DC, November 2006). 2006 residential and commercial natural gas delivered prices: EIA, Natural Gas Monthly, DOE/EIA-0130(2007/04) (Washington, DC, April 2007). 2005 and 2006 industrial natural gas delivered prices are estimated based on: EIA, Manufacturing Energy Consumption Survey 1994 and industrial and wellhead prices from the Natural Gas Annual 2005, DOE/EIA-0131(2005) (Washington, DC, November 2006) and the Natural Gas Monthly, DOE/EIA-0130(2007/04) (Washington, DC, April 2007). 2005 transportation sector natural gas delivered prices are based on: EIA, Natural Gas Annual 2005, DOE/EIA-0131(2005) (Washington, DC, November 2006) and estimated state taxes, federal taxes, and dispensing costs or charges. 2006 transportation sector natural gas delivered prices are model results. 2005 and 2006 electric power sector natural gas prices: EIA, Electric Power Monthly, May 2006 through April 2007, Table 4.11.A. 2005 and 2006 coal prices based on: EIA, Quarterly Coal Report, October-December 2006, DOE/EIA-0121(2006/4Q) (Washington, DC, March 2007) and EIA, AEO2008 National Energy Modeling System run aeo2008.d030208f. 2005 and 2006 electricity prices: EIA, Annual Energy Review 2006, DOE/EIA-0384(2006) (Washington, DC, June 2007). 2005 and 2006 E85 prices derived from monthly prices in the Clean Cities Alternative Fuel Price Report. Projections: EIA, AEO2008 National Energy Modeling System run aeo2008.d030208f.

Table 16. Energy Prices by Sector and Source
(2006 dollars per million Btu, unless otherwise noted)-East South Central - 06

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Residential													
Liquefied Petroleum Gases	19.51	24.65	26.40	28.66	26.56	26.21	25.92	25.73	25.51	25.31	25.16	25.11	25.18
Distillate Fuel Oil	17.45	18.44	20.62	22.93	17.63	16.97	16.18	15.35	14.69	14.41	13.79	13.36	13.37
Natural Gas	13.90	14.95	13.05	13.10	12.89	12.36	12.09	11.91	11.74	11.57	11.43	11.40	11.50
Electricity	22.49	24.03	25.81	25.69	26.83	26.67	26.17	25.73	25.47	25.19	24.99	24.94	24.98
Commercial													
Distillate Fuel Oil	13.31	14.06	16.15	18.28	15.48	14.84	14.46	13.59	13.00	12.86	12.33	11.89	11.92
Residual Fuel	10.94	7.29	6.85	9.79	12.44	11.68	11.08	10.40	9.90	9.65	9.08	8.64	8.63
Natural Gas	12.51	13.02	11.25	11.51	11.65	11.09	10.83	10.67	10.50	10.34	10.22	10.21	10.32
Electricity	21.78	23.26	22.88	23.19	24.10	24.00	23.47	23.05	22.50	22.06	21.83	21.79	21.82
Industrial 1/													
Liquefied Petroleum Gases	17.50	18.97	19.92	20.11	20.99	20.64	20.34	20.15	19.94	19.74	19.59	19.54	19.60
Distillate Fuel Oil	14.20	15.00	17.12	19.71	16.47	15.86	15.92	15.03	14.49	14.44	13.99	13.53	13.57
Residual Fuel Oil	10.45	9.76	9.16	13.11	12.44	11.68	11.08	10.40	9.90	9.65	9.08	8.64	8.63
Natural Gas 2/	8.88	8.13	7.27	7.77	8.13	7.80	7.51	7.33	7.12	6.93	6.79	6.74	6.80
Metallurgical Coal	3.09	3.35	3.70	3.88	3.89	3.88	3.79	3.68	3.63	3.57	3.47	3.40	3.35
Other Industrial Coal	2.73	2.82	2.92	2.98	2.96	2.86	2.80	2.74	2.71	2.69	2.67	2.65	2.63
Coal to Liquids	--	--	--	--	--	--	--	--	--	--	--	--	--
Electricity	13.24	14.15	15.98	16.61	17.22	17.08	16.60	16.25	15.84	15.51	15.37	15.35	15.37
Transportation													
Liquefied Petroleum Gases 3/	20.81	22.21	23.12	23.22	25.11	27.16	26.86	26.67	26.45	26.24	26.09	26.03	26.10
E85 4/	23.89	25.06	24.36	28.55	28.27	28.28	26.89	26.10	25.40	25.23	24.46	23.84	23.93
Motor Gasoline 5/	18.54	20.53	21.82	23.74	22.36	20.95	19.92	19.34	18.82	18.70	18.12	17.66	17.73
Jet Fuel 6/	12.95	14.54	14.70	15.43	16.17	15.67	15.23	14.48	13.87	13.55	12.99	12.61	12.64
Distillate Fuel Oil 7/	17.34	19.17	19.92	22.13	20.23	19.54	19.34	18.41	17.86	17.83	17.39	16.87	16.91
Residual Fuel Oil	7.39	6.21	7.26	9.03	12.60	11.84	11.28	10.69	10.17	9.92	9.36	8.91	8.90
Natural Gas 8/	17.40	17.51	16.04	16.40	16.69	16.29	15.96	15.73	15.47	15.24	15.06	14.97	14.99
Electricity	21.01	21.22	20.39	21.27	22.03	21.95	21.51	21.18	20.72	20.36	20.19	20.19	20.22
Electric Power 9/													
Distillate Fuel Oil	12.50	13.20	15.06	17.34	14.45	13.79	12.99	12.17	11.50	11.22	10.60	10.17	10.18
Residual Fuel Oil	5.81	7.34	7.77	9.43	10.56	9.80	9.22	8.59	8.08	7.83	7.26	6.82	6.81
Natural Gas	9.48	7.00	6.73	7.12	7.37	6.97	6.67	6.48	6.26	6.07	5.93	5.88	5.94
Steam Coal	1.82	1.89	1.94	1.99	2.04	2.05	2.01	1.97	1.94	1.91	1.89	1.86	1.85

Table 16. Energy Prices by Sector and Source
(2006 dollars per million Btu, unless otherwise noted)-East South Central - 06

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Average Price to All Users 10/													
Liquefied Petroleum Gases	18.36	21.77	22.86	24.11	23.79	23.46	23.19	23.03	22.83	22.65	22.52	22.49	22.57
E85 4/	23.89	25.06	24.36	28.55	28.27	28.28	26.89	26.10	25.40	25.23	24.46	23.84	23.93
Motor Gasoline 5/	18.44	20.37	21.68	23.61	22.36	20.95	19.92	19.34	18.82	18.70	18.12	17.66	17.73
Jet Fuel	12.95	14.54	14.70	15.43	16.17	15.67	15.23	14.48	13.87	13.55	12.99	12.61	12.64
Distillate Fuel Oil	16.59	18.05	19.25	21.51	19.21	18.53	18.34	17.52	17.10	17.06	16.61	16.13	16.16
Residual Fuel Oil	6.80	7.19	7.78	10.17	12.49	11.74	11.16	10.55	10.03	9.79	9.22	8.77	8.77
Natural Gas	10.45	9.51	8.20	8.61	9.01	8.55	8.30	8.12	7.97	7.80	7.66	7.62	7.71
Metallurgical Coal	3.09	3.35	3.70	3.88	3.89	3.88	3.79	3.68	3.63	3.57	3.47	3.40	3.35
Other Coal	1.88	1.95	2.01	2.06	2.10	2.10	2.06	2.02	1.98	1.95	1.93	1.90	1.90
Coal to Liquids	--	--	--	--	--	--	--	--	--	--	--	--	--
Electricity	18.69	19.97	21.28	21.52	22.59	22.43	21.92	21.53	21.11	20.79	20.62	20.60	20.65
Non-Renewable Energy Expenditures by Sector (billion 2006 dollars)													
Residential	12.57	13.16	14.12	14.14	15.10	15.02	14.88	14.83	14.54	14.47	14.46	14.59	14.72
Commercial	8.29	8.71	8.68	8.83	9.21	9.20	9.14	9.12	9.08	9.08	9.14	9.28	9.45
Industrial	15.04	15.40	16.24	17.60	18.10	17.85	17.58	17.10	16.53	16.13	15.78	15.56	15.53
Transportation	33.29	37.59	39.94	43.72	41.40	39.78	38.84	37.95	37.25	37.26	36.38	35.63	35.86
Total Non-Renewable Expenditures	69.20	74.86	78.98	84.28	83.82	81.84	80.45	79.00	77.40	76.94	75.76	75.06	75.57
Transportation Renewable Expenditures	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
Total Expenditures	69.20	74.87	78.98	84.28	83.82	81.84	80.45	79.01	77.40	76.94	75.77	75.06	75.57

Table 16. Energy Prices by Sector and Source
(2006 dollars per million Btu, unless otherwise noted)-East South Central - 06

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2006-2030
Residential														
Liquefied Petroleum Gases	25.26	25.33	25.31	25.24	25.37	25.46	25.59	25.70	25.79	25.83	26.09	26.22	26.35	0.3%
Distillate Fuel Oil	13.51	13.66	13.77	13.88	14.05	14.24	14.48	14.69	14.94	15.12	15.33	15.59	15.74	-0.7%
Natural Gas	11.63	11.73	11.73	11.68	11.84	11.97	12.13	12.28	12.43	12.46	12.75	12.93	13.09	-0.6%
Electricity	25.15	25.19	25.22	25.13	25.13	25.07	25.06	25.09	25.10	25.12	25.22	25.33	25.41	0.2%
Commercial														
Distillate Fuel Oil	12.06	12.38	12.66	12.63	12.80	12.94	13.10	13.33	13.56	13.74	13.94	14.20	14.44	0.1%
Residual Fuel	8.74	8.89	8.99	9.10	9.17	9.38	9.57	9.74	9.89	9.91	10.10	10.18	10.35	1.5%
Natural Gas	10.46	10.58	10.60	10.57	10.74	10.88	11.07	11.22	11.38	11.43	11.74	11.92	12.10	-0.3%
Electricity	21.99	22.05	22.08	21.96	21.97	21.92	21.94	21.98	22.00	22.04	22.18	22.29	22.38	-0.2%
Industrial 1/														
Liquefied Petroleum Gases	19.69	19.76	19.74	19.66	19.80	19.89	20.02	20.13	20.22	20.25	20.51	20.65	20.78	0.4%
Distillate Fuel Oil	13.72	14.17	14.56	14.44	14.62	14.70	14.80	15.05	15.28	15.46	15.65	15.90	16.21	0.3%
Residual Fuel Oil	8.74	8.89	8.99	9.10	9.17	9.38	9.57	9.74	9.89	9.91	10.10	10.18	10.35	0.2%
Natural Gas 2/	6.88	6.95	6.93	6.86	6.99	7.08	7.20	7.30	7.42	7.43	7.68	7.81	7.93	-0.1%
Metallurgical Coal	3.34	3.35	3.37	3.38	3.40	3.42	3.43	3.46	3.48	3.50	3.52	3.54	3.56	0.3%
Other Industrial Coal	2.61	2.59	2.58	2.58	2.58	2.58	2.58	2.57	2.57	2.57	2.57	2.57	2.58	-0.4%
Coal to Liquids	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Electricity	15.49	15.50	15.48	15.36	15.35	15.32	15.32	15.33	15.33	15.34	15.44	15.51	15.58	0.4%
Transportation														
Liquefied Petroleum Gases 3/	26.17	26.24	26.21	26.14	26.27	26.35	26.48	26.58	26.67	26.70	26.96	27.08	27.21	0.8%
E85 4/	24.20	25.03	25.68	16.20	17.02	17.59	18.09	18.07	18.44	18.60	18.91	19.23	19.30	-1.1%
Motor Gasoline 5/	17.94	18.54	19.02	18.77	18.90	18.95	18.96	19.16	19.27	19.39	19.61	19.82	20.01	-0.1%
Jet Fuel 6/	12.81	12.99	13.15	13.32	13.49	13.68	13.88	14.08	14.30	14.54	14.78	15.02	15.28	0.2%
Distillate Fuel Oil 7/	17.01	17.50	17.88	17.72	17.86	17.91	17.95	18.18	18.39	18.55	18.70	18.93	19.26	0.0%
Residual Fuel Oil	9.01	9.16	9.26	9.37	9.37	9.54	9.73	9.90	10.05	10.07	10.26	10.34	10.51	2.2%
Natural Gas 8/	15.03	15.05	14.99	14.88	14.97	15.01	15.10	15.16	15.24	15.21	15.43	15.52	15.61	-0.5%
Electricity	20.35	20.38	20.39	20.26	20.26	19.77	19.80	19.87	19.93	20.00	20.16	20.28	20.37	-0.2%
Electric Power 9/														
Distillate Fuel Oil	10.32	10.48	10.59	10.70	10.86	11.06	11.29	11.50	11.76	11.93	12.15	12.40	12.56	-0.2%
Residual Fuel Oil	6.92	7.07	7.17	7.28	7.31	7.50	7.70	7.86	8.02	8.04	8.22	8.30	8.47	0.6%
Natural Gas	6.01	6.07	6.04	5.96	6.09	6.17	6.30	6.40	6.49	6.52	6.78	6.91	7.04	0.0%
Steam Coal	1.81	1.80	1.78	1.77	1.78	1.79	1.80	1.81	1.82	1.84	1.86	1.87	1.88	0.0%

Table 16. Energy Prices by Sector and Source
(2006 dollars per million Btu, unless otherwise noted)-East South Central - 06

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2006-2030
Average Price to All Users 10/														
Liquefied Petroleum Gases	22.68	22.78	22.77	22.71	22.85	22.95	23.09	23.20	23.30	23.34	23.62	23.75	23.89	0.4%
E85 4/	24.20	25.03	25.68	16.20	17.02	17.59	18.09	18.07	18.44	18.60	18.91	19.23	19.30	-1.1%
Motor Gasoline 5/	17.94	18.54	19.02	18.77	18.90	18.95	18.96	19.16	19.27	19.39	19.61	19.82	20.01	-0.1%
Jet Fuel	12.81	12.99	13.15	13.32	13.49	13.68	13.88	14.08	14.30	14.54	14.78	15.02	15.28	0.2%
Distillate Fuel Oil	16.30	16.76	17.16	16.98	17.14	17.20	17.26	17.50	17.70	17.86	18.02	18.25	18.57	0.1%
Residual Fuel Oil	8.88	9.02	9.13	9.24	9.25	9.43	9.63	9.79	9.95	9.97	10.15	10.24	10.40	1.6%
Natural Gas	7.83	7.95	8.01	8.08	8.24	8.34	8.48	8.61	8.72	8.75	9.00	9.16	9.31	-0.1%
Metallurgical Coal	3.34	3.35	3.37	3.38	3.40	3.42	3.43	3.46	3.48	3.50	3.52	3.54	3.56	0.3%
Other Coal	1.86	1.84	1.83	1.81	1.82	1.83	1.84	1.84	1.85	1.87	1.89	1.90	1.90	-0.1%
Coal to Liquids	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Electricity	20.82	20.88	20.91	20.81	20.83	20.81	20.83	20.87	20.90	20.94	21.08	21.19	21.29	0.3%
Non-Renewable Energy Expenditures by Sector (billion 2006 dollars)														
Residential	14.95	15.11	15.23	15.24	15.40	15.54	15.74	15.89	16.07	16.23	16.52	16.70	16.91	1.1%
Commercial	9.67	9.85	10.01	10.10	10.28	10.43	10.62	10.80	10.99	11.16	11.42	11.65	11.86	1.3%
Industrial	15.51	15.58	15.62	15.46	15.55	15.58	15.70	15.85	16.00	16.09	16.30	16.43	16.57	0.3%
Transportation	36.33	37.44	38.32	36.74	36.90	36.37	36.09	36.12	36.69	37.09	37.64	38.34	38.83	0.1%
Total Non-Renewable Expenditures	76.45	77.98	79.17	77.55	78.13	77.93	78.14	78.66	79.75	80.57	81.88	83.12	84.17	0.5%
Transportation Renewable Expenditures	0.01	0.01	0.01	0.84	1.00	1.56	1.93	2.29	2.22	2.26	2.29	2.24	2.40	35.9%
Total Expenditures	76.46	77.99	79.18	78.38	79.13	79.49	80.07	80.95	81.97	82.82	84.17	85.36	86.57	0.6%

Table 16. Energy Prices by Sector and Source
(2006 dollars per million Btu, unless otherwise noted)-East South Central - 06

- 1/ Includes energy for combined heat and power plants, except those whose primary business is to sell electricity, or electricity and heat, to the public.
2/ Excludes use for lease and plant fuel.
3/ Includes Federal and State taxes while excluding county and local taxes.
4/ E85 refers to a blend of 85 percent ethanol (renewable) and 15 percent motor gasoline (nonrenewable). To address cold starting issues, the percentage of ethanol varies seasonally. The annual average ethanol content of 74 percent is used for this forecast.
5/ Sales weighted-average price for all grades. Includes Federal, State, and local taxes.
6/ Kerosene-type jet fuel. Includes Federal and State taxes while excluding county and local taxes.
7/ Diesel fuel for on-road use. Includes Federal and State taxes while excluding county and local taxes.
8/ Compressed natural gas used as a vehicle fuel. Includes estimated motor vehicle fuel taxes and estimated dispensing costs or charges.
9/ Includes electricity-only and combined heat and power plants whose primary business is to sell electricity, or electricity and heat, to the public.
10/ 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.

-- = Not applicable.

Note: Data for 2005 and 2006 are model results and may differ slightly from official EIA data reports.

Sources: 2005 and 2006 prices for motor gasoline, distillate fuel oil, and jet fuel are based on prices in the Energy Information Administration (EIA), Petroleum Marketing Annual 2006, DOE/EIA-0487(2006) (Washington, DC, August 2007). 2005 residential and commercial natural gas delivered prices: EIA, Natural Gas Annual 2005, DOE/EIA-0131(2005) (Washington, DC, November 2006). 2006 residential and commercial natural gas delivered prices: EIA, Natural Gas Monthly, DOE/EIA-0130(2007/04) (Washington, DC, April 2007). 2005 and 2006 industrial natural gas delivered prices are estimated based on: EIA, Manufacturing Energy Consumption Survey 1994 and industrial and wellhead prices from the Natural Gas Annual 2005, DOE/EIA-0131(2005) (Washington, DC, November 2006) and the Natural Gas Monthly, DOE/EIA-0130(2007/04) (Washington, DC, April 2007). 2005 transportation sector natural gas delivered prices are based on: EIA, Natural Gas Annual 2005, DOE/EIA-0131(2005) (Washington, DC, November 2006) and estimated state taxes, federal taxes, and dispensing costs or charges. 2006 transportation sector natural gas delivered prices are model results. 2005 and 2006 electric power sector natural gas prices: EIA, Electric Power Monthly, May 2006 through April 2007, Table 4.11.A. 2005 and 2006 coal prices based on: EIA, Quarterly Coal Report, October-December 2006, DOE/EIA-0121(2006/4Q) (Washington, DC, March 2007) and EIA, AEO2008 National Energy Modeling System run aeo2008.d030208f. 2005 and 2006 electricity prices: EIA, Annual Energy Review 2006, DOE/EIA-0384(2006) (Washington, DC, June 2007). 2005 and 2006 E85 prices derived from monthly prices in the Clean Cities Alternative Fuel Price Report. Projections: EIA, AEO2008 National Energy Modeling System run aeo2008.d030208f.

Table 17. Energy Prices by Sector and Source
(2006 dollars per million Btu, unless otherwise noted)-West South Central - 07

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Residential													
Liquefied Petroleum Gases	19.78	24.65	26.40	28.66	25.82	25.38	25.02	24.82	24.63	24.43	24.29	24.24	24.32
Distillate Fuel Oil	15.43	16.31	18.23	20.27	16.64	15.99	15.29	14.59	13.90	13.62	13.05	12.62	12.63
Natural Gas	12.59	12.90	11.80	12.10	11.99	11.39	11.09	10.91	10.77	10.61	10.48	10.45	10.58
Electricity	30.42	33.80	30.93	31.66	33.12	32.51	31.91	32.04	31.99	31.78	31.90	32.14	32.30
Commercial													
Distillate Fuel Oil	13.22	13.97	16.04	18.17	15.48	14.87	14.56	13.76	13.15	13.01	12.51	12.07	12.09
Residual Fuel	9.30	7.31	6.86	9.82	12.43	11.64	11.08	8.71	8.52	8.47	8.12	7.99	7.93
Natural Gas	10.65	10.21	9.76	10.11	10.20	9.58	9.27	9.10	8.95	8.78	8.66	8.64	8.75
Electricity	25.53	27.26	24.88	25.57	26.61	25.81	24.94	24.95	24.64	24.33	24.43	24.70	24.85
Industrial 1/													
Liquefied Petroleum Gases	17.50	19.68	20.67	20.88	17.32	16.88	16.52	16.32	16.13	15.93	15.78	15.74	15.81
Distillate Fuel Oil	14.00	14.78	16.86	19.41	16.14	15.58	15.71	14.85	14.30	14.26	13.82	13.36	13.39
Residual Fuel Oil	9.38	7.88	7.40	10.61	12.43	11.64	11.08	8.71	8.52	8.47	8.12	7.99	7.93
Natural Gas 2/	7.87	6.89	6.34	6.70	6.90	6.47	6.13	5.94	5.75	5.56	5.42	5.38	5.45
Metallurgical Coal	--	--	--	--	--	--	--	--	--	--	--	--	--
Other Industrial Coal	1.48	1.73	1.81	1.85	1.83	1.82	1.82	1.84	1.85	1.86	1.88	1.86	1.87
Coal to Liquids	--	--	--	--	--	--	1.26	1.32	1.32	0.00	0.00	1.36	0.00
Electricity	20.01	21.09	19.71	20.47	21.26	20.46	19.57	19.27	18.90	18.54	18.55	18.69	18.80
Transportation													
Liquefied Petroleum Gases 3/	20.43	21.80	22.69	22.79	23.37	25.33	24.97	24.76	24.56	24.36	24.21	24.16	24.23
E85 4/	23.89	25.06	24.36	27.09	26.82	27.85	19.36	18.84	18.37	18.26	22.21	17.36	17.44
Motor Gasoline 5/	18.18	20.35	21.62	23.54	22.16	20.67	19.67	19.08	18.55	18.42	17.84	17.38	17.45
Jet Fuel 6/	12.69	14.46	14.63	15.35	16.08	15.52	15.04	14.25	13.60	13.25	12.67	12.25	12.26
Distillate Fuel Oil 7/	17.28	19.17	19.92	22.13	19.98	19.29	19.10	18.17	17.62	17.59	17.15	16.64	16.66
Residual Fuel Oil	8.58	5.68	8.18	9.65	12.31	11.48	10.96	10.36	9.82	9.58	9.01	8.57	8.56
Natural Gas 8/	15.28	14.96	14.28	14.65	14.87	14.42	14.05	13.81	13.59	13.36	13.18	13.10	13.13
Electricity	24.16	23.33	24.12	25.29	26.57	26.29	25.92	26.07	25.82	25.56	25.70	25.97	26.14
Electric Power 9/													
Distillate Fuel Oil	12.31	13.01	14.84	17.09	13.47	12.82	12.12	11.42	10.73	10.45	9.88	9.45	9.46
Residual Fuel Oil	7.95	7.85	8.31	10.06	11.00	10.19	9.65	8.22	7.85	7.69	7.23	6.93	6.90
Natural Gas	8.32	6.49	6.73	7.12	7.32	6.86	6.52	6.33	6.14	5.95	5.81	5.77	5.84
Steam Coal	1.19	1.35	1.41	1.43	1.47	1.51	1.53	1.53	1.52	1.53	1.53	1.51	1.52

Table 17. Energy Prices by Sector and Source
 (2006 dollars per million Btu, unless otherwise noted)-West South Central - 07

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Average Price to All Users 10/													
Liquefied Petroleum Gases	17.57	19.83	20.85	21.11	17.61	17.18	16.83	16.63	16.45	16.25	16.11	16.08	16.16
E85 4/	23.89	25.06	24.36	27.09	26.82	27.85	19.36	18.84	18.37	18.26	22.21	17.36	17.44
Motor Gasoline 5/	18.08	20.17	21.47	23.38	22.16	20.67	19.67	19.08	18.55	18.42	17.84	17.38	17.45
Jet Fuel	12.69	14.46	14.63	15.35	16.08	15.52	15.04	14.25	13.60	13.25	12.67	12.25	12.26
Distillate Fuel Oil	16.66	18.24	19.31	21.58	19.04	18.39	18.23	17.43	17.00	16.97	16.51	16.03	16.04
Residual Fuel Oil	8.54	5.98	8.10	9.76	12.30	11.48	10.96	10.16	9.67	9.44	8.90	8.49	8.47
Natural Gas	8.49	7.23	7.03	7.38	7.55	7.09	6.76	6.58	6.40	6.22	6.09	6.06	6.14
Metallurgical Coal	--	--	--	--	--	--	--	--	--	--	--	--	--
Other Coal	1.20	1.37	1.42	1.45	1.48	1.53	1.54	1.54	1.53	1.54	1.54	1.52	1.53
Coal to Liquids	--	--	--	--	--	--	1.26	1.32	1.32	0.00	0.00	1.36	0.00
Electricity	25.69	27.89	25.56	26.39	27.52	26.77	25.98	25.95	25.67	25.39	25.48	25.72	25.89
Non-Renewable Energy Expenditures by Sector (billion 2006 dollars)													
Residential	25.37	27.44	25.91	26.78	28.22	27.93	27.75	28.18	27.83	27.83	28.12	28.64	29.04
Commercial	17.39	18.22	17.47	18.35	18.95	18.57	18.35	18.65	18.76	18.91	19.31	19.84	20.33
Industrial	68.48	70.40	70.79	73.40	74.64	72.11	70.27	68.72	66.79	65.11	63.61	62.61	62.46
Transportation	65.32	73.61	78.61	86.13	82.72	79.58	78.06	76.30	74.86	74.97	73.30	71.99	72.78
Total Non-Renewable Expenditures	176.56	189.66	192.80	204.66	204.52	198.20	194.44	191.84	188.24	186.82	184.34	183.08	184.61
Transportation Renewable Expenditures	0.00	0.00	0.00	0.01	0.01	0.00	0.01	0.02	0.02	0.02	0.03	0.02	0.02
Total Expenditures	176.57	189.67	192.80	204.66	204.53	198.20	194.45	191.86	188.26	186.84	184.37	183.10	184.63

Table 17. Energy Prices by Sector and Source
(2006 dollars per million Btu, unless otherwise noted)-West South Central - 07

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2006-2030
Residential														
Liquefied Petroleum Gases	24.40	24.49	24.47	24.41	24.54	24.64	24.78	24.89	24.98	25.02	25.29	25.42	25.56	0.2%
Distillate Fuel Oil	12.77	12.92	13.02	13.13	13.24	13.43	13.67	13.87	14.12	14.29	14.51	14.76	15.00	-0.3%
Natural Gas	10.70	10.82	10.82	10.79	10.96	11.10	11.28	11.43	11.59	11.64	11.94	12.13	12.30	-0.2%
Electricity	31.56	32.19	31.84	31.97	32.18	32.05	31.99	32.07	32.23	32.16	32.63	32.47	32.24	-0.2%
Commercial														
Distillate Fuel Oil	12.24	12.56	12.83	12.80	12.94	13.07	13.23	13.46	13.69	13.87	14.07	14.32	14.60	0.2%
Residual Fuel	8.12	8.55	8.92	9.07	9.16	9.41	9.60	9.77	9.96	9.98	10.16	10.24	10.41	1.5%
Natural Gas	8.87	8.98	8.99	8.96	9.12	9.25	9.42	9.56	9.71	9.75	10.04	10.21	10.37	0.1%
Electricity	24.14	24.77	24.42	24.52	24.76	24.64	24.62	24.70	24.87	24.83	25.30	25.13	25.01	-0.4%
Industrial 1/														
Liquefied Petroleum Gases	15.90	15.99	15.97	15.90	16.04	16.14	16.28	16.39	16.48	16.52	16.78	16.92	17.06	-0.6%
Distillate Fuel Oil	13.55	14.00	14.38	14.25	14.42	14.50	14.60	14.84	15.07	15.25	15.44	15.68	16.01	0.3%
Residual Fuel Oil	8.12	8.55	8.92	9.07	9.16	9.41	9.60	9.77	9.96	9.98	10.16	10.24	10.41	1.2%
Natural Gas 2/	5.54	5.62	5.60	5.54	5.67	5.76	5.90	6.00	6.12	6.13	6.39	6.52	6.65	-0.1%
Metallurgical Coal	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Other Industrial Coal	1.89	1.90	1.93	1.92	1.93	1.95	1.96	1.97	1.98	1.99	2.01	2.01	2.03	0.7%
Coal to Liquids	0.00	0.00	0.00	1.48	1.50	0.00	0.00	0.00	1.56	1.57	1.58	1.59	1.60	--
Electricity	18.41	18.81	18.59	18.60	18.82	18.80	18.87	18.98	19.13	19.13	19.54	19.54	19.44	-0.3%
Transportation														
Liquefied Petroleum Gases 3/	24.32	24.40	24.37	24.30	24.44	24.53	24.66	24.77	24.85	24.89	25.15	25.28	25.42	0.6%
E85 4/	16.20	18.75	17.04	19.45	16.69	17.26	17.80	17.70	18.09	18.24	18.53	18.85	18.93	-1.2%
Motor Gasoline 5/	17.66	18.26	18.74	18.50	18.64	18.69	18.69	18.90	19.01	19.13	19.35	19.55	19.73	-0.1%
Jet Fuel 6/	12.40	12.56	12.69	12.84	13.00	13.17	13.35	13.54	13.75	13.97	14.20	14.43	14.67	0.1%
Distillate Fuel Oil 7/	16.78	17.26	17.64	17.47	17.61	17.66	17.69	17.92	18.13	18.29	18.44	18.66	18.99	0.0%
Residual Fuel Oil	8.67	8.81	8.91	9.02	9.08	9.25	9.45	9.61	9.80	9.82	10.00	10.09	10.30	2.5%
Natural Gas 8/	13.17	13.20	13.14	13.04	13.13	13.18	13.28	13.34	13.42	13.39	13.61	13.71	13.80	-0.3%
Electricity	25.62	26.24	25.99	26.09	26.34	25.38	25.48	25.67	25.95	26.04	26.59	26.55	26.44	0.5%
Electric Power 9/														
Distillate Fuel Oil	9.60	9.75	9.85	9.96	10.07	10.26	10.50	10.70	10.95	11.13	11.34	11.59	11.83	-0.4%
Residual Fuel Oil	7.05	7.32	7.55	7.68	7.76	7.96	8.16	8.32	8.51	8.53	8.71	8.79	8.98	0.6%
Natural Gas	5.91	5.99	5.97	5.91	6.04	6.13	6.25	6.36	6.45	6.49	6.74	6.87	7.00	0.3%
Steam Coal	1.54	1.55	1.57	1.56	1.57	1.59	1.60	1.62	1.63	1.65	1.66	1.67	1.69	0.9%

Table 17. Energy Prices by Sector and Source
(2006 dollars per million Btu, unless otherwise noted)-West South Central - 07

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2006-2030
Average Price to All Users 10/														
Liquefied Petroleum Gases	16.25	16.34	16.33	16.27	16.41	16.51	16.65	16.76	16.86	16.90	17.17	17.31	17.45	-0.5%
E85 4/	16.20	18.75	17.04	19.45	16.69	17.26	17.80	17.70	18.09	18.24	18.53	18.85	18.93	-1.2%
Motor Gasoline 5/	17.66	18.26	18.74	18.50	18.64	18.69	18.69	18.90	19.01	19.13	19.35	19.55	19.73	-0.1%
Jet Fuel	12.40	12.56	12.69	12.84	13.00	13.17	13.35	13.54	13.75	13.97	14.20	14.43	14.67	0.1%
Distillate Fuel Oil	16.18	16.65	17.05	16.87	17.03	17.08	17.15	17.38	17.58	17.74	17.91	18.14	18.46	0.1%
Residual Fuel Oil	8.59	8.76	8.89	9.00	9.06	9.24	9.43	9.60	9.79	9.81	9.99	10.07	10.28	2.3%
Natural Gas	6.24	6.33	6.32	6.27	6.41	6.52	6.66	6.77	6.89	6.92	7.19	7.33	7.47	0.1%
Metallurgical Coal	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Other Coal	1.55	1.56	1.58	1.57	1.58	1.60	1.61	1.63	1.64	1.65	1.67	1.68	1.70	0.9%
Coal to Liquids	0.00	0.00	0.00	1.48	1.50	0.00	0.00	0.00	1.56	1.57	1.58	1.59	1.60	--
Electricity	25.28	25.87	25.57	25.68	25.91	25.84	25.85	25.95	26.13	26.11	26.58	26.47	26.33	-0.2%
Non-Renewable Energy Expenditures by Sector (billion 2006 dollars)														
Residential	28.89	29.69	29.70	29.98	30.52	30.80	31.21	31.62	32.17	32.51	33.43	33.63	33.87	0.9%
Commercial	20.27	21.12	21.26	21.70	22.31	22.65	23.08	23.60	24.19	24.58	25.48	25.82	26.22	1.5%
Industrial	62.11	62.26	61.98	61.28	61.84	62.13	62.67	63.28	63.93	64.18	65.46	65.99	66.32	-0.2%
Transportation	73.91	76.77	77.16	78.88	75.26	75.81	76.88	78.00	79.68	81.10	82.87	84.91	86.70	0.7%
Total Non-Renewable Expenditures	185.18	189.83	190.10	191.85	189.93	191.38	193.84	196.50	199.97	202.37	207.24	210.35	213.11	0.5%
Transportation Renewable Expenditures	0.23	0.02	1.51	0.03	4.02	4.53	4.59	5.04	5.00	5.16	5.28	5.25	5.58	36.7%
Total Expenditures	185.41	189.86	191.61	191.87	193.95	195.92	198.44	201.53	204.97	207.53	212.52	215.60	218.69	0.6%

Table 17. Energy Prices by Sector and Source
(2006 dollars per million Btu, unless otherwise noted)-West South Central - 07

- 1/ Includes energy for combined heat and power plants, except those whose primary business is to sell electricity, or electricity and heat, to the public.
2/ Excludes use for lease and plant fuel.
3/ Includes Federal and State taxes while excluding county and local taxes.
4/ E85 refers to a blend of 85 percent ethanol (renewable) and 15 percent motor gasoline (nonrenewable). To address cold starting issues, the percentage of ethanol varies seasonally. The annual average ethanol content of 74 percent is used for this forecast.
5/ Sales weighted-average price for all grades. Includes Federal, State, and local taxes.
6/ Kerosene-type jet fuel. Includes Federal and State taxes while excluding county and local taxes.
7/ Diesel fuel for on-road use. Includes Federal and State taxes while excluding county and local taxes.
8/ Compressed natural gas used as a vehicle fuel. Includes estimated motor vehicle fuel taxes and estimated dispensing costs or charges.
9/ Includes electricity-only and combined heat and power plants whose primary business is to sell electricity, or electricity and heat, to the public.
10/ 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.

-- = Not applicable.

Note: Data for 2005 and 2006 are model results and may differ slightly from official EIA data reports.

Sources: 2005 and 2006 prices for motor gasoline, distillate fuel oil, and jet fuel are based on prices in the Energy Information Administration (EIA), Petroleum Marketing Annual 2006, DOE/EIA-0487(2006) (Washington, DC, August 2007). 2005 residential and commercial natural gas delivered prices: EIA, Natural Gas Annual 2005, DOE/EIA-0131(2005) (Washington, DC, November 2006). 2006 residential and commercial natural gas delivered prices: EIA, Natural Gas Monthly, DOE/EIA-0130(2007/04) (Washington, DC, April 2007). 2005 and 2006 industrial natural gas delivered prices are estimated based on: EIA, Manufacturing Energy Consumption Survey 1994 and industrial and wellhead prices from the Natural Gas Annual 2005, DOE/EIA-0131(2005) (Washington, DC, November 2006) and the Natural Gas Monthly, DOE/EIA-0130(2007/04) (Washington, DC, April 2007). 2005 transportation sector natural gas delivered prices are based on: EIA, Natural Gas Annual 2005, DOE/EIA-0131(2005) (Washington, DC, November 2006) and estimated state taxes, federal taxes, and dispensing costs or charges. 2006 transportation sector natural gas delivered prices are model results. 2005 and 2006 electric power sector natural gas prices: EIA, Electric Power Monthly, May 2006 through April 2007, Table 4.11.A. 2005 and 2006 coal prices based on: EIA, Quarterly Coal Report, October-December 2006, DOE/EIA-0121(2006/4Q) (Washington, DC, March 2007) and EIA, AEO2008 National Energy Modeling System run aeo2008.d030208f. 2005 and 2006 electricity prices: EIA, Annual Energy Review 2006, DOE/EIA-0384(2006) (Washington, DC, June 2007). 2005 and 2006 E85 prices derived from monthly prices in the Clean Cities Alternative Fuel Price Report. Projections: EIA, AEO2008 National Energy Modeling System run aeo2008.d030208f.

Table 18. Energy Prices by Sector and Source
(2006 dollars per million Btu, unless otherwise noted)-Mountain - 08

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Residential													
Liquefied Petroleum Gases	17.88	21.29	22.82	24.76	24.59	24.18	23.81	23.65	23.43	23.33	23.27	23.23	23.28
Distillate Fuel Oil	16.94	17.90	19.52	22.82	16.50	15.69	15.23	14.45	13.76	13.47	12.86	12.44	12.47
Natural Gas	10.92	11.69	11.39	11.43	11.43	10.94	10.65	10.55	10.39	10.34	10.32	10.32	10.45
Electricity	26.27	26.48	28.24	29.24	29.85	29.45	28.80	28.31	28.44	28.55	28.68	28.89	29.09
Commercial													
Distillate Fuel Oil	14.32	15.13	18.15	20.92	15.57	14.86	14.64	13.82	13.20	13.05	12.53	12.09	12.13
Residual Fuel	9.06	7.69	7.21	10.33	12.06	11.28	10.72	8.35	8.17	8.12	7.77	7.64	7.58
Natural Gas	9.51	10.33	9.82	10.05	9.93	9.37	9.06	8.95	8.76	8.70	8.67	8.66	8.75
Electricity	22.33	22.31	22.97	23.52	23.59	23.16	22.41	21.85	21.42	21.22	21.21	21.33	21.38
Industrial 1/													
Liquefied Petroleum Gases	17.39	16.97	17.82	17.99	22.55	22.14	21.77	21.61	21.39	21.29	21.23	21.19	21.25
Distillate Fuel Oil	14.46	15.29	18.57	21.15	16.14	15.50	15.60	14.74	14.17	14.12	13.67	13.22	13.27
Residual Fuel Oil	10.14	8.09	7.60	10.88	12.06	11.28	10.72	8.35	8.17	8.12	7.77	7.64	7.58
Natural Gas 2/	7.73	8.39	7.25	7.53	7.54	7.14	6.78	6.63	6.41	6.32	6.26	6.22	6.28
Metallurgical Coal	--	--	--	--	--	--	--	--	--	--	--	--	--
Other Industrial Coal	1.68	1.86	1.93	1.99	2.02	1.99	1.95	1.91	1.90	1.89	1.88	1.86	1.86
Coal to Liquids	--	--	--	--	--	--	0.94	0.93	0.94	0.93	0.93	0.92	0.93
Electricity	16.54	16.40	17.16	17.94	17.92	17.60	17.04	16.63	16.32	16.19	16.17	16.21	16.25
Transportation													
Liquefied Petroleum Gases 3/	20.40	21.77	22.66	22.75	23.52	25.51	25.14	24.98	24.75	24.64	24.58	24.53	24.59
E85 4/	23.89	24.52	24.86	24.01	23.77	29.03	27.63	26.88	26.14	25.95	25.18	24.55	24.67
Motor Gasoline 5/	19.97	21.69	23.06	25.10	22.92	21.51	20.47	19.91	19.36	19.22	18.65	18.19	18.28
Jet Fuel 6/	13.76	15.21	15.37	16.13	16.88	15.94	15.97	15.17	14.48	14.11	13.51	13.07	13.06
Distillate Fuel Oil 7/	18.90	21.11	21.94	24.38	20.92	20.24	20.06	19.16	18.58	18.54	18.10	17.60	17.63
Residual Fuel Oil	6.24	7.87	8.56	8.78	8.20	7.51	7.08	6.92	6.87	6.65	6.65	6.62	6.67
Natural Gas 8/	11.72	11.88	11.85	12.20	12.27	11.87	11.48	11.29	11.03	10.91	10.82	10.75	10.75
Electricity	21.39	20.78	20.90	21.99	21.98	21.80	21.29	20.89	20.55	20.45	20.51	20.65	20.72
Electric Power 9/													
Distillate Fuel Oil	12.72	13.44	16.34	18.60	14.92	14.11	13.65	12.88	12.18	11.89	11.29	10.86	10.90
Residual Fuel Oil	8.47	9.65	10.22	12.39	10.79	9.99	9.45	8.02	7.65	7.50	7.04	6.74	6.71
Natural Gas	7.71	6.27	6.94	7.26	7.29	6.85	6.49	6.36	6.11	6.02	5.96	5.90	5.93
Steam Coal	1.19	1.31	1.34	1.37	1.40	1.42	1.43	1.42	1.42	1.42	1.41	1.41	1.41

Table 18. Energy Prices by Sector and Source
 (2006 dollars per million Btu, unless otherwise noted)-Mountain - 08

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Average Price to All Users 10/													
Liquefied Petroleum Gases	17.60	19.84	20.80	21.97	23.80	23.43	23.07	22.91	22.69	22.59	22.53	22.50	22.56
E85 4/	23.89	24.52	24.86	24.01	23.77	29.03	27.63	26.88	26.14	25.95	25.18	24.55	24.67
Motor Gasoline 5/	19.85	21.51	22.88	24.93	22.92	21.51	20.47	19.91	19.36	19.22	18.65	18.19	18.28
Jet Fuel	13.76	15.21	15.37	16.13	16.88	15.94	15.97	15.17	14.48	14.11	13.51	13.07	13.06
Distillate Fuel Oil	17.76	19.62	21.07	23.55	19.61	18.94	18.79	18.00	17.55	17.52	17.08	16.61	16.64
Residual Fuel Oil	9.93	8.33	7.89	11.04	11.88	11.08	10.52	8.30	8.08	8.01	7.72	7.57	7.52
Natural Gas	8.80	8.64	8.43	8.63	8.67	8.20	7.91	7.78	7.60	7.53	7.50	7.50	7.62
Metallurgical Coal	--	--	--	--	--	--	--	--	--	--	--	--	--
Other Coal	1.22	1.33	1.37	1.40	1.43	1.45	1.45	1.44	1.44	1.44	1.43	1.43	1.43
Coal to Liquids	--	--	--	--	--	--	0.94	0.93	0.94	0.93	0.93	0.92	0.93
Electricity	22.00	22.07	23.18	23.94	24.37	24.00	23.34	22.88	22.65	22.59	22.64	22.79	22.90
Non-Renewable Energy Expenditures by Sector (billion 2006 dollars)													
Residential	12.17	13.00	14.19	15.03	15.21	15.06	14.97	15.03	14.90	15.07	15.29	15.61	15.90
Commercial	9.16	9.60	10.06	10.32	10.44	10.33	10.23	10.23	10.26	10.41	10.62	10.89	11.16
Industrial	9.96	10.22	10.87	12.12	11.62	11.37	11.21	10.82	10.42	10.27	10.12	10.02	10.04
Transportation	35.40	39.73	42.17	46.75	43.42	42.20	41.87	41.36	40.89	41.21	40.61	40.15	40.79
Total Non-Renewable Expenditures	66.68	72.55	77.30	84.21	80.69	78.96	78.29	77.44	76.47	76.96	76.65	76.68	77.89
Transportation Renewable Expenditures	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
Total Expenditures	66.68	72.55	77.30	84.23	80.70	78.96	78.29	77.44	76.47	76.97	76.65	76.68	77.89

Table 18. Energy Prices by Sector and Source
(2006 dollars per million Btu, unless otherwise noted)-Mountain - 08

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2006-2030
Residential														
Liquefied Petroleum Gases	23.33	23.39	23.07	22.79	22.95	23.15	23.36	23.55	23.77	23.89	24.12	24.37	24.57	0.6%
Distillate Fuel Oil	12.59	12.73	12.95	13.01	13.18	13.45	13.81	13.98	14.32	14.45	14.61	14.88	15.03	-0.7%
Natural Gas	10.54	10.65	10.39	10.17	10.36	10.60	10.85	11.09	11.38	11.53	11.80	12.11	12.36	0.2%
Electricity	29.39	29.72	29.63	29.47	29.93	30.28	30.49	30.94	31.11	31.18	31.32	31.54	31.44	0.7%
Commercial														
Distillate Fuel Oil	12.26	12.58	12.90	12.84	13.02	13.19	13.41	13.62	13.90	14.06	14.23	14.49	14.73	-0.1%
Residual Fuel	7.77	8.19	8.57	8.71	8.81	9.06	9.25	9.41	9.60	9.62	9.80	9.88	10.04	1.1%
Natural Gas	8.82	8.92	8.64	8.39	8.57	8.79	9.03	9.24	9.51	9.65	9.90	10.18	10.41	0.0%
Electricity	21.54	21.73	21.46	21.14	21.42	21.61	21.73	22.06	22.14	22.18	22.28	22.42	22.32	0.0%
Industrial 1/														
Liquefied Petroleum Gases	21.29	21.35	21.03	20.75	20.91	21.11	21.32	21.51	21.73	21.86	22.08	22.33	22.53	1.2%
Distillate Fuel Oil	13.41	13.85	14.25	14.10	14.28	14.38	14.51	14.74	14.98	15.16	15.33	15.58	15.89	0.2%
Residual Fuel Oil	7.77	8.19	8.57	8.71	8.81	9.06	9.25	9.41	9.60	9.62	9.80	9.88	10.04	0.9%
Natural Gas 2/	6.32	6.37	6.07	5.80	5.96	6.14	6.35	6.53	6.76	6.86	7.08	7.32	7.51	-0.5%
Metallurgical Coal	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Other Industrial Coal	1.86	1.87	1.88	1.88	1.89	1.90	1.90	1.91	1.92	1.93	1.94	1.95	1.95	0.2%
Coal to Liquids	0.93	0.94	0.94	0.95	0.95	0.96	0.97	0.97	0.97	0.97	0.97	0.97	0.98	--
Electricity	16.38	16.52	16.31	16.11	16.30	16.46	16.61	16.84	16.91	16.92	17.02	17.17	17.08	0.2%
Transportation														
Liquefied Petroleum Gases 3/	24.62	24.68	24.35	24.07	24.23	24.42	24.63	24.81	25.02	25.15	25.37	25.62	25.81	0.7%
E85 4/	24.93	25.74	26.41	17.16	17.97	21.02	20.85	20.78	20.88	20.81	20.86	21.00	20.98	-0.6%
Motor Gasoline 5/	18.47	19.07	19.56	19.07	19.18	19.36	19.18	19.09	19.17	19.08	19.12	19.25	19.23	-0.5%
Jet Fuel 6/	13.19	13.33	13.45	13.58	13.73	13.89	14.08	14.27	14.47	14.69	14.91	15.13	15.37	0.0%
Distillate Fuel Oil 7/	17.73	18.21	18.59	18.41	18.54	18.59	18.64	18.87	19.08	19.24	19.39	19.61	19.94	-0.2%
Residual Fuel Oil	6.69	6.82	6.93	6.99	7.03	7.06	7.26	7.46	7.45	7.75	7.99	8.09	8.44	0.3%
Natural Gas 8/	10.75	10.79	10.43	10.10	10.22	10.37	10.54	10.69	10.88	10.96	11.15	11.36	11.53	-0.1%
Electricity	20.89	21.08	20.86	20.61	20.90	20.28	20.47	20.81	20.98	21.07	21.25	21.45	21.34	0.1%
Electric Power 9/														
Distillate Fuel Oil	11.01	11.16	11.37	11.43	11.61	11.88	12.24	12.40	12.74	12.88	13.04	13.30	13.45	0.0%
Residual Fuel Oil	6.86	7.13	7.36	7.48	7.56	7.77	7.96	8.12	8.31	8.33	8.51	8.59	8.78	-0.4%
Natural Gas	5.95	6.00	5.66	5.34	5.47	5.64	5.83	6.00	6.21	6.34	6.54	6.79	7.00	0.5%
Steam Coal	1.42	1.43	1.44	1.45	1.46	1.47	1.50	1.52	1.54	1.56	1.57	1.59	1.60	0.8%

Table 18. Energy Prices by Sector and Source
(2006 dollars per million Btu, unless otherwise noted)-Mountain - 08

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2006-2030
Average Price to All Users 10/														
Liquefied Petroleum Gases	22.60	22.55	22.35	21.93	22.10	22.44	22.65	22.85	22.99	23.19	23.42	23.67	23.88	0.8%
E85 4/	24.93	25.74	26.41	17.16	17.97	21.02	20.85	20.78	20.88	20.81	20.86	21.00	20.98	-0.6%
Motor Gasoline 5/	18.47	19.07	19.56	19.07	19.18	19.36	19.18	19.09	19.17	19.08	19.12	19.25	19.23	-0.5%
Jet Fuel	13.19	13.33	13.45	13.58	13.73	13.89	14.08	14.27	14.47	14.69	14.91	15.13	15.37	0.0%
Distillate Fuel Oil	16.77	17.23	17.64	17.45	17.60	17.67	17.76	17.98	18.19	18.36	18.52	18.75	19.06	-0.1%
Residual Fuel Oil	7.70	7.98	8.48	8.61	8.70	8.95	9.12	9.29	9.47	9.49	9.67	9.76	9.92	0.7%
Natural Gas	7.73	7.86	7.57	7.29	7.52	7.83	8.12	8.43	8.77	8.94	9.28	9.56	9.81	0.5%
Metallurgical Coal	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Other Coal	1.44	1.45	1.46	1.46	1.47	1.49	1.52	1.54	1.55	1.57	1.58	1.60	1.61	0.8%
Coal to Liquids	0.93	0.94	0.94	0.95	0.95	0.96	0.97	0.97	0.97	0.97	0.97	0.97	0.98	--
Electricity	23.13	23.38	23.23	23.01	23.36	23.62	23.81	24.18	24.32	24.38	24.52	24.71	24.63	0.5%
Non-Renewable Energy Expenditures by Sector (billion 2006 dollars)														
Residential	16.28	16.66	16.72	16.73	17.22	17.69	18.14	18.63	19.07	19.43	19.90	20.34	20.65	1.9%
Commercial	11.46	11.78	11.82	11.86	12.25	12.60	12.93	13.35	13.68	13.96	14.32	14.72	14.98	1.9%
Industrial	10.04	10.26	10.18	10.10	10.24	10.33	10.49	10.71	10.95	11.10	11.30	11.53	11.69	0.6%
Transportation	41.65	43.23	44.58	43.35	43.76	45.80	46.15	46.80	47.70	48.38	49.29	50.39	51.42	1.1%
Total Non-Renewable Expenditures	79.43	81.92	83.31	82.05	83.47	86.42	87.71	89.49	91.40	92.87	94.81	96.97	98.73	1.3%
Transportation Renewable Expenditures	0.01	0.01	0.01	0.75	1.08	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	9.8%
Total Expenditures	79.44	81.93	83.31	82.79	84.55	86.43	87.73	89.51	91.42	92.89	94.83	96.99	98.75	1.3%

Table 18. Energy Prices by Sector and Source
(2006 dollars per million Btu, unless otherwise noted)-Mountain - 08

1/ Includes energy for combined heat and power plants, except those whose primary business is to sell electricity, or electricity and heat, to the public.
2/ Excludes use for lease and plant fuel.
3/ Includes Federal and State taxes while excluding county and local taxes.
4/ E85 refers to a blend of 85 percent ethanol (renewable) and 15 percent motor gasoline (nonrenewable). To address cold starting issues, the percentage of ethanol varies seasonally. The annual average ethanol content of 74 percent is used for this forecast.
5/ Sales weighted-average price for all grades. Includes Federal, State, and local taxes.
6/ Kerosene-type jet fuel. Includes Federal and State taxes while excluding county and local taxes.
7/ Diesel fuel for on-road use. Includes Federal and State taxes while excluding county and local taxes.
8/ Compressed natural gas used as a vehicle fuel. Includes estimated motor vehicle fuel taxes and estimated dispensing costs or charges.
9/ Includes electricity-only and combined heat and power plants whose primary business is to sell electricity, or electricity and heat, to the public.
10/ 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.
-- = Not applicable.
Note: Data for 2005 and 2006 are model results and may differ slightly from official EIA data reports.
Sources: 2005 and 2006 prices for motor gasoline, distillate fuel oil, and jet fuel are based on prices in the Energy Information Administration (EIA), Petroleum Marketing Annual 2006, DOE/EIA-0487(2006) (Washington, DC, August 2007). 2005 residential and commercial natural gas delivered prices: EIA, Natural Gas Annual 2005, DOE/EIA-0131(2005) (Washington, DC, November 2006). 2006 residential and commercial natural gas delivered prices: EIA, Natural Gas Monthly, DOE/EIA-0130(2007/04) (Washington, DC, April 2007). 2005 and 2006 industrial natural gas delivered prices are estimated based on: EIA, Manufacturing Energy Consumption Survey 1994 and industrial and wellhead prices from the Natural Gas Annual 2005, DOE/EIA-0131(2005) (Washington, DC, November 2006) and the Natural Gas Monthly, DOE/EIA-0130(2007/04) (Washington, DC, April 2007). 2005 transportation sector natural gas delivered prices are based on: EIA, Natural Gas Annual 2005, DOE/EIA-0131(2005) (Washington, DC, November 2006) and estimated state taxes, federal taxes, and dispensing costs or charges. 2006 transportation sector natural gas delivered prices are model results.
2005 and 2006 electric power sector natural gas prices: EIA, Electric Power Monthly, May 2006 through April 2007, Table 4.11.A. 2005 and 2006 coal prices based on: EIA, Quarterly Coal Report, October-December 2006, DOE/EIA-0121(2006/4Q) (Washington, DC, March 2007) and EIA, AEO2008 National Energy Modeling System run aeo2008.d030208f. 2005 and 2006 electricity prices: EIA, Annual Energy Review 2006, DOE/EIA-0384(2006) (Washington, DC, June 2007). 2005 and 2006 E85 prices derived from monthly prices in the Clean Cities Alternative Fuel Price Report. Projections: EIA, AEO2008 National Energy Modeling System run aeo2008.d030208f.

Table 19. Energy Prices by Sector and Source
(2006 dollars per million Btu, unless otherwise noted)-Pacific - 09

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Residential													
Liquefied Petroleum Gases	21.83	25.70	27.55	29.90	26.83	26.41	26.04	25.85	25.56	25.42	25.34	25.29	25.32
Distillate Fuel Oil	17.31	18.28	21.48	24.40	15.86	15.63	14.73	14.55	14.42	14.17	13.76	13.55	13.60
Natural Gas	11.79	11.69	12.18	12.35	12.23	11.74	11.41	11.24	11.00	10.89	10.83	10.79	10.86
Electricity	31.25	34.20	32.77	33.15	33.33	32.66	31.78	31.13	31.15	31.29	31.30	31.28	31.35
Commercial													
Distillate Fuel Oil	15.37	16.23	17.40	20.19	15.09	14.84	13.96	13.84	13.91	13.81	13.37	13.19	13.22
Residual Fuel	10.83	5.08	4.78	6.83	9.84	9.66	9.12	9.00	8.89	8.77	8.36	8.11	8.17
Natural Gas	10.44	10.17	10.78	11.10	11.10	10.61	10.32	10.20	9.98	9.90	9.87	9.88	9.97
Electricity	31.05	33.03	30.87	31.41	31.44	30.64	29.51	28.82	28.27	27.93	27.80	27.73	27.71
Industrial 1/													
Liquefied Petroleum Gases	18.03	22.52	23.65	23.87	22.71	22.29	21.92	21.73	21.43	21.29	21.22	21.16	21.20
Distillate Fuel Oil	16.05	16.96	17.87	20.81	15.86	15.63	14.84	14.76	14.97	14.98	14.53	14.37	14.38
Residual Fuel Oil	10.65	7.04	6.61	9.47	9.84	9.66	9.12	9.00	8.89	8.77	8.36	8.11	8.17
Natural Gas 2/	8.11	7.37	7.07	7.34	7.30	6.90	6.55	6.36	6.08	5.95	5.88	5.82	5.85
Metallurgical Coal	--	--	--	--	--	--	--	--	--	--	--	--	--
Other Industrial Coal	2.25	2.56	2.68	2.79	2.78	2.74	2.75	2.73	2.75	2.75	2.73	2.71	2.72
Coal to Liquids	--	--	--	--	--	--	--	--	--	--	--	--	--
Electricity	22.38	23.11	21.58	22.22	22.20	21.69	20.97	20.45	20.11	19.93	19.86	19.81	19.82
Transportation													
Liquefied Petroleum Gases 3/	19.76	21.08	21.94	22.05	22.19	24.18	23.81	23.61	23.31	23.17	23.09	23.03	23.06
E85 4/	23.89	26.78	27.20	24.68	24.43	29.79	29.92	29.05	28.24	18.85	18.55	18.26	21.70
Motor Gasoline 5/	21.13	22.25	23.63	25.72	22.84	22.07	22.17	21.52	20.92	20.87	20.23	19.64	19.86
Jet Fuel 6/	14.00	15.06	15.24	15.99	15.83	15.55	15.63	14.88	14.22	13.89	13.31	12.96	13.17
Distillate Fuel Oil 7/	19.76	20.49	21.29	23.66	20.22	19.83	18.87	18.76	19.02	19.04	18.57	18.40	18.35
Residual Fuel Oil	9.11	9.87	9.82	11.88	11.11	10.93	10.39	10.28	10.16	10.04	9.64	9.38	9.44
Natural Gas 8/	12.02	11.27	11.55	11.87	11.96	11.58	11.19	10.98	10.66	10.51	10.41	10.32	10.33
Electricity	29.13	27.63	28.01	28.84	28.80	28.08	27.12	26.45	25.96	25.68	25.59	25.54	25.53
Electric Power 9/													
Distillate Fuel Oil	14.12	14.92	15.73	18.31	13.09	12.86	11.96	11.78	11.65	11.40	10.99	10.78	10.82
Residual Fuel Oil	8.60	9.65	10.22	12.39	9.19	9.01	8.47	8.35	8.23	8.11	7.71	7.45	7.52
Natural Gas	7.42	6.05	6.99	7.19	7.19	6.76	6.42	6.25	5.98	5.86	5.83	5.80	5.84
Steam Coal	1.45	1.59	1.66	1.71	1.77	1.79	1.77	1.67	1.67	1.66	1.64	1.63	1.63

Table 19. Energy Prices by Sector and Source
(2006 dollars per million Btu, unless otherwise noted)-Pacific - 09

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Average Price to All Users 10/													
Liquefied Petroleum Gases	19.78	24.23	25.43	26.70	23.97	23.74	23.36	23.22	22.96	22.85	22.81	22.85	22.90
E85 4/	23.89	26.78	27.20	24.68	24.43	29.79	29.92	29.05	28.24	18.85	18.55	18.26	21.70
Motor Gasoline 5/	21.06	22.15	23.54	25.63	22.84	22.07	22.17	21.52	20.92	20.87	20.23	19.64	19.86
Jet Fuel	14.00	15.06	15.24	15.99	15.83	15.55	15.63	14.88	14.22	13.89	13.31	12.96	13.17
Distillate Fuel Oil	18.98	19.76	20.66	23.14	19.23	18.91	17.97	17.91	18.22	18.24	17.77	17.60	17.59
Residual Fuel Oil	8.98	9.77	9.87	11.96	10.65	10.46	9.91	9.79	9.68	9.55	9.14	8.89	8.95
Natural Gas	8.99	8.22	8.61	8.98	8.88	8.46	8.13	7.97	7.73	7.61	7.55	7.48	7.53
Metallurgical Coal	--	--	--	--	--	--	--	--	--	--	--	--	--
Other Coal	1.63	1.85	1.90	1.97	2.00	2.00	1.99	1.90	1.90	1.89	1.87	1.85	1.85
Coal to Liquids	--	--	--	--	--	--	--	--	--	--	--	--	--
Electricity	29.16	31.33	29.60	30.19	30.15	29.46	28.51	27.88	27.55	27.40	27.33	27.29	27.31
Non-Renewable Energy Expenditures by Sector (billion 2006 dollars)													
Residential	23.75	26.20	26.02	27.23	27.22	26.72	26.27	26.11	25.45	25.47	25.53	25.72	25.93
Commercial	21.83	23.63	23.06	23.67	23.70	23.36	22.96	22.89	22.89	23.08	23.40	23.78	24.21
Industrial	18.68	17.94	16.95	18.06	20.30	19.88	19.72	19.26	18.76	18.52	18.22	17.93	17.95
Transportation	83.22	89.19	94.41	102.71	92.94	91.31	91.57	90.15	88.90	88.41	85.53	82.40	86.80
Total Non-Renewable Expenditures	147.49	156.95	160.45	171.68	164.16	161.27	160.52	158.41	155.99	155.48	152.68	149.83	154.89
Transportation Renewable Expenditures	0.01	0.01	0.01	0.02	0.01	0.01	0.01	0.01	0.01	0.71	1.46	3.22	0.03
Total Expenditures	147.49	156.96	160.46	171.69	164.17	161.28	160.53	158.42	156.00	156.18	154.14	153.05	154.92

Table 19. Energy Prices by Sector and Source
(2006 dollars per million Btu, unless otherwise noted)-Pacific - 09

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2006-2030
Residential														
Liquefied Petroleum Gases	25.35	25.41	25.29	24.99	25.03	25.17	25.34	25.51	25.72	25.83	26.04	26.27	26.48	0.1%
Distillate Fuel Oil	13.92	14.20	14.48	14.61	14.75	15.08	15.36	15.53	15.88	16.23	16.43	16.72	16.84	-0.3%
Natural Gas	10.91	11.01	10.92	10.67	10.71	10.88	11.07	11.27	11.52	11.63	11.85	12.11	12.34	0.2%
Electricity	31.41	31.47	31.39	31.30	31.37	31.30	31.41	31.60	31.74	31.78	31.93	32.13	32.24	-0.2%
Commercial														
Distillate Fuel Oil	13.61	14.10	14.52	14.54	14.72	14.89	15.08	15.27	15.60	15.90	16.10	16.36	16.48	0.1%
Residual Fuel	8.41	8.62	8.91	9.07	9.20	9.34	9.46	9.62	9.82	10.04	10.26	10.36	10.50	3.1%
Natural Gas	10.06	10.18	10.12	9.91	10.00	10.19	10.42	10.63	10.91	11.04	11.30	11.57	11.82	0.6%
Electricity	27.68	27.66	27.45	27.17	27.11	26.99	27.11	27.26	27.38	27.44	27.67	27.87	27.94	-0.7%
Industrial 1/														
Liquefied Petroleum Gases	21.23	21.29	21.17	20.87	20.90	21.05	21.22	21.39	21.59	21.70	21.92	22.15	22.35	0.0%
Distillate Fuel Oil	14.83	15.45	15.99	15.92	16.13	16.19	16.30	16.51	16.84	17.10	17.28	17.53	17.64	0.2%
Residual Fuel Oil	8.41	8.62	8.91	9.07	9.20	9.34	9.46	9.62	9.82	10.04	10.26	10.36	10.50	1.7%
Natural Gas 2/	5.87	5.94	5.82	5.54	5.57	5.70	5.87	6.04	6.25	6.34	6.54	6.77	6.96	-0.2%
Metallurgical Coal	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Other Industrial Coal	2.73	2.74	2.76	2.78	2.80	2.83	2.85	2.87	2.89	2.90	2.92	2.94	2.94	0.6%
Coal to Liquids	1.42	1.43	1.44	1.45	1.46	1.47	1.48	1.49	1.51	1.52	1.53	1.54	1.55	--
Electricity	19.83	19.85	19.71	19.52	19.51	19.34	19.45	19.58	19.68	19.73	19.88	20.04	20.13	-0.6%
Transportation														
Liquefied Petroleum Gases 3/	23.08	23.13	23.01	22.70	22.73	22.87	23.04	23.21	23.41	23.52	23.72	23.95	24.15	0.6%
E85 4/	22.00	19.44	19.20	17.70	18.78	19.37	19.75	19.56	19.95	20.11	20.36	20.70	20.69	-1.1%
Motor Gasoline 5/	20.08	20.45	20.91	20.49	20.59	20.69	20.44	20.36	20.47	20.56	20.65	20.81	20.75	-0.3%
Jet Fuel 6/	13.33	13.49	13.64	13.79	13.95	14.13	14.32	14.52	14.91	15.22	15.48	15.79	15.93	0.2%
Distillate Fuel Oil 7/	18.79	19.46	19.98	19.88	20.06	20.05	20.10	20.29	20.60	20.82	20.97	21.18	21.28	0.2%
Residual Fuel Oil	9.68	9.90	10.18	10.35	10.48	10.85	11.12	11.24	11.59	12.00	12.19	12.46	12.55	1.0%
Natural Gas 8/	10.32	10.36	10.25	9.92	9.92	10.02	10.15	10.28	10.46	10.52	10.69	10.88	11.05	-0.1%
Electricity	25.52	25.52	25.34	25.09	25.06	24.47	24.61	24.79	24.95	25.04	25.25	25.46	25.57	-0.3%
Electric Power 9/														
Distillate Fuel Oil	11.15	11.43	11.71	11.84	11.98	12.31	12.59	12.76	13.11	13.46	13.66	13.95	14.07	-0.2%
Residual Fuel Oil	7.75	7.97	8.26	8.42	8.55	8.81	9.01	9.15	9.43	9.75	9.96	10.15	10.26	0.3%
Natural Gas	5.87	5.93	5.79	5.54	5.58	5.70	5.82	5.96	6.13	6.20	6.38	6.55	6.71	0.4%
Steam Coal	1.55	1.55	1.55	1.55	1.55	1.58	1.63	1.65	1.66	1.67	1.68	1.68	1.70	0.3%

Table 19. Energy Prices by Sector and Source
(2006 dollars per million Btu, unless otherwise noted)-Pacific - 09

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2006-2030
Average Price to All Users 10/														
Liquefied Petroleum Gases	22.97	23.10	23.04	23.03	23.10	23.25	23.72	23.91	24.09	24.22	24.38	24.55	24.75	0.1%
E85 4/	22.00	19.44	19.20	17.70	18.78	19.37	19.75	19.56	19.95	20.11	20.36	20.70	20.69	-1.1%
Motor Gasoline 5/	20.08	20.45	20.91	20.49	20.59	20.69	20.44	20.36	20.47	20.56	20.65	20.80	20.75	-0.3%
Jet Fuel	13.33	13.49	13.64	13.79	13.95	14.13	14.32	14.52	14.91	15.22	15.48	15.79	15.93	0.2%
Distillate Fuel Oil	18.04	18.69	19.25	19.14	19.34	19.37	19.45	19.64	19.96	20.19	20.36	20.60	20.69	0.2%
Residual Fuel Oil	9.18	9.40	9.68	9.84	9.97	10.31	10.55	10.68	11.00	11.38	11.58	11.82	11.91	0.8%
Natural Gas	7.57	7.65	7.59	7.35	7.41	7.56	7.74	7.93	8.15	8.25	8.48	8.72	8.93	0.3%
Metallurgical Coal	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Other Coal	1.79	1.79	1.80	1.80	1.80	1.82	1.84	1.85	1.87	1.87	1.88	1.89	1.90	0.1%
Coal to Liquids	1.42	1.43	1.44	1.45	1.46	1.47	1.48	1.49	1.51	1.52	1.53	1.54	1.55	--
Electricity	27.32	27.35	27.20	27.00	27.00	26.90	27.03	27.20	27.33	27.39	27.60	27.80	27.89	-0.5%
Non-Renewable Energy Expenditures by Sector (billion 2006 dollars)														
Residential	26.19	26.48	26.51	26.35	26.63	26.94	27.45	27.85	28.36	28.72	29.28	29.75	30.21	0.6%
Commercial	24.63	25.08	25.31	25.44	25.86	26.27	26.87	27.50	28.14	28.67	29.41	30.12	30.71	1.1%
Industrial	17.92	18.09	18.12	17.67	17.78	17.93	18.07	18.43	18.92	19.22	19.64	20.13	20.47	0.6%
Transportation	88.54	85.91	86.91	86.02	86.98	88.09	89.28	89.89	92.52	94.50	96.76	99.58	101.15	0.5%
Total Non-Renewable Expenditures	157.28	155.55	156.86	155.49	157.26	159.24	161.66	163.67	167.95	171.11	175.09	179.59	182.54	0.6%
Transportation Renewable Expenditures	0.03	5.23	6.42	6.45	7.11	7.41	6.81	7.26	6.75	6.71	6.25	5.61	5.34	33.3%
Total Expenditures	157.31	160.77	163.29	161.93	164.37	166.64	168.47	170.93	174.70	177.82	181.34	185.19	187.88	0.8%

Table 19. Energy Prices by Sector and Source
(2006 dollars per million Btu, unless otherwise noted)-Pacific - 09

- 1/ Includes energy for combined heat and power plants, except those whose primary business is to sell electricity, or electricity and heat, to the public.
2/ Excludes use for lease and plant fuel.
3/ Includes Federal and State taxes while excluding county and local taxes.
4/ E85 refers to a blend of 85 percent ethanol (renewable) and 15 percent motor gasoline (nonrenewable). To address cold starting issues, the percentage of ethanol varies seasonally. The annual average ethanol content of 74 percent is used for this forecast.
5/ Sales weighted-average price for all grades. Includes Federal, State, and local taxes.
6/ Kerosene-type jet fuel. Includes Federal and State taxes while excluding county and local taxes.
7/ Diesel fuel for on-road use. Includes Federal and State taxes while excluding county and local taxes.
8/ Compressed natural gas used as a vehicle fuel. Includes estimated motor vehicle fuel taxes and estimated dispensing costs or charges.
9/ Includes electricity-only and combined heat and power plants whose primary business is to sell electricity, or electricity and heat, to the public.
10/ 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.

-- = Not applicable.

Note: Data for 2005 and 2006 are model results and may differ slightly from official EIA data reports.

Sources: 2005 and 2006 prices for motor gasoline, distillate fuel oil, and jet fuel are based on prices in the Energy Information Administration (EIA), Petroleum Marketing Annual 2006, DOE/EIA-0487(2006) (Washington, DC, August 2007). 2005 residential and commercial natural gas delivered prices: EIA, Natural Gas Annual 2005, DOE/EIA-0131(2005) (Washington, DC, November 2006). 2006 residential and commercial natural gas delivered prices: EIA, Natural Gas Monthly, DOE/EIA-0130(2007/04) (Washington, DC, April 2007). 2005 and 2006 industrial natural gas delivered prices are estimated based on: EIA, Manufacturing Energy Consumption Survey 1994 and industrial and wellhead prices from the Natural Gas Annual 2005, DOE/EIA-0131(2005) (Washington, DC, November 2006) and the Natural Gas Monthly, DOE/EIA-0130(2007/04) (Washington, DC, April 2007). 2005 transportation sector natural gas delivered prices are based on: EIA, Natural Gas Annual 2005, DOE/EIA-0131(2005) (Washington, DC, November 2006) and estimated state taxes, federal taxes, and dispensing costs or charges. 2006 transportation sector natural gas delivered prices are model results. 2005 and 2006 electric power sector natural gas prices: EIA, Electric Power Monthly, May 2006 through April 2007, Table 4.11.A. 2005 and 2006 coal prices based on: EIA, Quarterly Coal Report, October-December 2006, DOE/EIA-0121(2006/4Q) (Washington, DC, March 2007) and EIA, AEO2008 National Energy Modeling System run aeo2008.d030208f. 2005 and 2006 electricity prices: EIA, Annual Energy Review 2006, DOE/EIA-0384(2006) (Washington, DC, June 2007). 2005 and 2006 E85 prices derived from monthly prices in the Clean Cities Alternative Fuel Price Report. Projections: EIA, AEO2008 National Energy Modeling System run aeo2008.d030208f.

Table 20. Energy Prices by Sector and Source
(2006 dollars per million Btu, unless otherwise noted) United States

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Residential													
Liquefied Petroleum Gases	18.83	23.08	24.69	26.80	25.58	25.21	24.90	24.70	24.46	24.27	24.15	24.11	24.18
Distillate Fuel Oil	16.98	17.94	19.32	21.92	17.86	17.21	16.50	15.80	15.12	14.84	14.27	13.84	13.86
Natural Gas	12.85	13.40	12.52	12.66	12.65	12.15	11.86	11.67	11.46	11.30	11.20	11.17	11.28
Electricity	28.52	30.52	30.36	30.68	31.74	31.37	30.77	30.49	30.31	30.12	30.04	30.07	30.17
Commercial													
Distillate Fuel Oil	13.82	14.59	16.63	19.03	15.86	15.24	14.82	14.10	13.52	13.38	12.88	12.44	12.46
Residual Fuel	11.21	8.60	8.11	11.64	10.52	10.06	9.64	9.15	8.76	8.37	7.95	7.54	7.56
Natural Gas	11.53	11.50	10.75	11.08	11.15	10.59	10.31	10.14	9.93	9.77	9.68	9.66	9.76
Electricity	26.12	27.75	27.32	27.79	28.46	27.89	27.06	26.66	26.07	25.65	25.52	25.54	25.62
Industrial 1/													
Liquefied Petroleum Gases	17.54	19.71	20.70	20.90	18.18	17.74	17.40	17.19	16.99	16.79	16.65	16.62	16.69
Distillate Fuel Oil	14.50	15.33	17.18	19.96	16.30	15.72	15.70	14.92	14.44	14.40	13.95	13.53	13.56
Residual Fuel Oil	10.43	9.06	8.50	12.19	11.55	10.86	10.34	9.44	8.99	8.73	8.24	7.85	7.84
Natural Gas 2/	8.37	7.66	7.04	7.42	7.60	7.21	6.89	6.69	6.46	6.27	6.15	6.10	6.16
Metallurgical Coal	3.29	3.54	3.88	4.15	4.14	4.07	3.95	3.82	3.75	3.65	3.53	3.45	3.40
Other Industrial Coal	2.22	2.34	2.42	2.49	2.48	2.42	2.39	2.35	2.34	2.32	2.31	2.29	2.29
Coal to Liquids	--	--	--	--	--	--	1.04	1.10	0.96	0.94	0.96	1.00	1.07
Electricity	17.25	17.97	18.47	19.13	19.72	19.21	18.52	18.14	17.66	17.31	17.22	17.23	17.29
Transportation													
Liquefied Petroleum Gases 3/	20.49	21.72	22.62	22.80	23.93	26.03	25.71	25.50	25.25	25.06	24.93	24.87	24.93
E85 4/	23.89	24.81	25.49	24.88	25.16	23.58	22.11	23.21	21.21	18.96	17.61	17.64	16.55
Motor Gasoline 5/	19.28	21.19	22.52	24.51	22.71	21.23	20.69	20.07	19.51	19.40	18.80	18.30	18.40
Jet Fuel 6/	13.30	14.83	15.00	15.74	16.27	15.77	15.50	14.72	14.08	13.74	13.16	12.75	12.82
Distillate Fuel Oil 7/	18.09	19.72	20.49	22.77	20.33	19.68	19.38	18.58	18.11	18.09	17.65	17.18	17.19
Residual Fuel Oil	8.68	7.89	8.67	10.31	11.06	10.53	10.04	9.63	9.27	9.04	8.56	8.19	8.22
Natural Gas 8/	14.55	14.28	13.46	13.82	14.03	13.60	13.25	13.01	12.72	12.50	12.34	12.24	12.26
Electricity	30.79	29.73	29.69	31.19	31.85	30.95	30.21	30.10	29.39	28.94	28.95	29.03	29.16
Electric Power 9/													
Distillate Fuel Oil	12.62	13.35	14.96	17.35	14.25	13.62	12.92	12.19	11.52	11.26	10.67	10.26	10.27
Residual Fuel Oil	7.40	8.17	8.60	10.50	9.98	9.45	8.97	8.52	8.13	7.87	7.41	7.03	7.05
Natural Gas	8.44	6.87	6.90	7.24	7.40	6.96	6.65	6.49	6.25	6.06	5.93	5.88	5.93
Steam Coal	1.59	1.69	1.73	1.77	1.82	1.84	1.81	1.78	1.76	1.75	1.74	1.72	1.72

Table 20. Energy Prices by Sector and Source
(2006 dollars per million Btu, unless otherwise noted) United States

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Average Price to All Users 10/													
Liquefied Petroleum Gases	17.75	20.35	21.39	21.93	19.68	19.27	18.97	18.79	18.61	18.44	18.32	18.32	18.41
E85 4/	23.89	24.81	25.49	24.88	25.16	23.58	22.11	23.21	21.21	18.96	17.61	17.64	16.55
Motor Gasoline 5/	19.18	21.06	22.39	24.39	22.71	21.23	20.68	20.07	19.51	19.39	18.80	18.30	18.40
Jet Fuel	13.30	14.83	15.00	15.74	16.27	15.77	15.50	14.72	14.08	13.74	13.16	12.75	12.82
Distillate Fuel Oil	17.11	18.56	19.62	22.00	19.10	18.48	18.16	17.46	17.07	17.03	16.57	16.13	16.15
Residual Fuel Oil	8.44	8.21	8.59	10.78	10.87	10.31	9.80	9.30	8.92	8.66	8.19	7.81	7.83
Natural Gas	9.93	9.22	8.76	9.08	9.18	8.72	8.43	8.25	8.06	7.89	7.78	7.74	7.83
Metallurgical Coal	3.29	3.54	3.88	4.15	4.14	4.07	3.95	3.82	3.75	3.65	3.53	3.45	3.40
Other Coal	1.63	1.73	1.78	1.82	1.86	1.88	1.85	1.81	1.79	1.78	1.77	1.76	1.76
Coal to Liquids	--	--	--	--	--	--	1.04	1.10	0.96	0.94	0.96	1.00	1.07
Electricity	24.55	26.10	26.08	26.56	27.39	26.90	26.18	25.85	25.40	25.09	25.00	25.04	25.14
Non-Renewable Energy Expenditures by Sector (billion 2006 dollars)													
Residential	221.30	225.38	233.46	242.06	246.19	241.71	238.91	238.71	233.46	232.51	232.60	234.66	237.00
Commercial	159.35	166.54	169.29	175.53	177.30	174.38	172.27	172.28	171.40	171.87	173.76	176.60	180.15
Industrial	203.06	205.11	206.77	222.83	230.22	224.65	220.04	213.98	206.58	201.53	197.41	194.41	193.97
Transportation	489.23	542.63	576.82	628.40	586.48	560.74	553.58	541.26	530.86	530.21	514.93	503.10	505.56
Total Non-Renewable Expenditures	1072.94	1139.66	1186.34	1268.82	1240.18	1201.48	1184.81	1166.24	1142.30	1136.12	1118.69	1108.77	1116.68
Transportation Renewable Expenditures	0.03	0.03	0.04	0.09	0.06	0.06	0.08	0.10	0.09	0.86	3.14	4.90	6.44
Total Expenditures	1072.96	1139.70	1186.39	1268.91	1240.24	1201.54	1184.89	1166.34	1142.39	1136.98	1121.83	1113.67	1123.12

Table 20. Energy Prices by Sector and Source
(2006 dollars per million Btu, unless otherwise noted) United States

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2006-2030
Residential														
Liquefied Petroleum Gases	24.26	24.32	24.23	24.10	24.24	24.35	24.50	24.63	24.78	24.86	25.10	25.27	25.43	0.4%
Distillate Fuel Oil	14.00	14.16	14.27	14.38	14.49	14.69	14.93	15.14	15.38	15.57	15.79	16.04	16.27	-0.4%
Natural Gas	11.38	11.48	11.39	11.29	11.43	11.58	11.76	11.94	12.14	12.23	12.49	12.72	12.91	-0.2%
Electricity	30.20	30.30	30.20	30.09	30.21	30.24	30.26	30.33	30.38	30.36	30.52	30.57	30.63	0.0%
Commercial														
Distillate Fuel Oil	12.63	12.96	13.24	13.21	13.35	13.49	13.65	13.88	14.12	14.30	14.50	14.75	15.00	0.1%
Residual Fuel	7.69	7.83	7.95	8.06	8.18	8.33	8.47	8.62	8.74	8.72	8.92	9.08	9.22	0.3%
Natural Gas	9.87	9.97	9.91	9.81	9.97	10.11	10.30	10.47	10.67	10.76	11.03	11.24	11.43	0.0%
Electricity	25.66	25.76	25.64	25.45	25.55	25.57	25.63	25.71	25.78	25.79	26.01	26.06	26.17	-0.2%
Industrial 1/														
Liquefied Petroleum Gases	16.77	16.85	16.79	16.67	16.79	16.88	16.99	17.10	17.21	17.25	17.51	17.65	17.79	-0.4%
Distillate Fuel Oil	13.75	14.22	14.62	14.50	14.67	14.76	14.86	15.10	15.34	15.53	15.72	15.97	16.26	0.2%
Residual Fuel Oil	7.96	8.14	8.29	8.40	8.49	8.66	8.84	9.00	9.16	9.17	9.35	9.46	9.62	0.2%
Natural Gas 2/	6.23	6.29	6.21	6.09	6.21	6.31	6.44	6.56	6.71	6.75	6.98	7.14	7.29	-0.2%
Metallurgical Coal	3.39	3.40	3.42	3.43	3.45	3.47	3.48	3.51	3.53	3.54	3.56	3.58	3.60	0.1%
Other Industrial Coal	2.28	2.28	2.28	2.28	2.29	2.30	2.30	2.30	2.31	2.31	2.32	2.32	2.33	0.0%
Coal to Liquids	1.11	1.08	1.09	1.11	1.13	1.15	1.17	1.17	1.20	1.23	1.28	1.29	1.30	--
Electricity	17.34	17.38	17.27	17.12	17.19	17.20	17.25	17.30	17.33	17.33	17.50	17.56	17.63	-0.1%
Transportation														
Liquefied Petroleum Gases 3/	24.99	25.04	24.94	24.79	24.90	25.01	25.15	25.28	25.41	25.48	25.71	25.88	26.03	0.8%
E85 4/	16.72	18.54	18.15	17.28	17.77	18.36	18.79	18.50	18.87	19.02	19.28	19.58	19.62	-1.0%
Motor Gasoline 5/	18.61	19.16	19.64	19.35	19.51	19.58	19.53	19.67	19.77	19.87	20.05	20.24	20.37	-0.2%
Jet Fuel 6/	12.97	13.13	13.27	13.42	13.59	13.76	13.95	14.15	14.41	14.66	14.90	15.15	15.37	0.1%
Distillate Fuel Oil 7/	17.35	17.86	18.26	18.09	18.23	18.28	18.31	18.54	18.77	18.93	19.08	19.31	19.59	0.0%
Residual Fuel Oil	8.37	8.53	8.69	8.82	8.91	9.14	9.35	9.50	9.73	9.90	10.08	10.24	10.39	1.2%
Natural Gas 8/	12.28	12.30	12.15	11.97	12.04	12.10	12.20	12.28	12.40	12.41	12.59	12.72	12.83	-0.4%
Electricity	29.30	29.20	29.05	28.72	28.82	28.65	28.79	28.95	29.04	29.08	29.36	29.41	29.65	0.0%
Electric Power 9/														
Distillate Fuel Oil	10.42	10.57	10.69	10.80	10.93	11.14	11.39	11.59	11.86	12.04	12.25	12.50	12.71	-0.2%
Residual Fuel Oil	7.19	7.35	7.50	7.63	7.73	7.91	8.09	8.25	8.44	8.56	8.75	8.89	9.04	0.4%
Natural Gas	5.98	6.04	5.95	5.81	5.92	6.02	6.14	6.26	6.38	6.44	6.66	6.80	6.93	0.0%
Steam Coal	1.71	1.71	1.72	1.72	1.72	1.73	1.73	1.74	1.74	1.75	1.76	1.77	1.78	0.2%

Table 20. Energy Prices by Sector and Source
(2006 dollars per million Btu, unless otherwise noted) United States

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2006-2030
Average Price to All Users 10/														
Liquefied Petroleum Gases	18.51	18.63	18.59	18.49	18.64	18.75	18.90	19.03	19.16	19.22	19.49	19.66	19.82	-0.1%
E85 4/	16.72	18.54	18.15	17.28	17.77	18.36	18.79	18.50	18.87	19.02	19.28	19.58	19.62	-1.0%
Motor Gasoline 5/	18.60	19.16	19.64	19.35	19.51	19.57	19.53	19.67	19.77	19.87	20.05	20.24	20.37	-0.1%
Jet Fuel	12.97	13.13	13.27	13.42	13.59	13.76	13.95	14.15	14.41	14.66	14.90	15.15	15.37	0.1%
Distillate Fuel Oil	16.33	16.80	17.20	17.06	17.23	17.30	17.39	17.62	17.85	18.03	18.21	18.46	18.74	0.0%
Residual Fuel Oil	7.97	8.14	8.29	8.41	8.51	8.71	8.91	9.06	9.26	9.38	9.57	9.72	9.87	0.8%
Natural Gas	7.93	8.04	7.98	7.88	8.03	8.16	8.33	8.49	8.66	8.73	8.99	9.18	9.36	0.1%
Metallurgical Coal	3.39	3.40	3.42	3.43	3.45	3.47	3.48	3.51	3.53	3.54	3.56	3.58	3.60	0.1%
Other Coal	1.74	1.74	1.75	1.75	1.75	1.76	1.76	1.77	1.77	1.78	1.79	1.80	1.81	0.2%
Coal to Liquids	1.11	1.08	1.09	1.11	1.13	1.15	1.17	1.17	1.20	1.23	1.28	1.29	1.30	--
Electricity	25.20	25.31	25.23	25.09	25.22	25.27	25.34	25.43	25.51	25.53	25.75	25.83	25.93	0.0%
Non-Renewable Energy Expenditures by Sector (billion 2006 dollars)														
Residential	239.63	242.47	243.22	243.12	246.52	249.57	253.39	256.33	260.09	262.81	268.02	271.05	274.70	0.8%
Commercial	183.57	187.36	189.37	190.91	194.94	198.48	202.28	206.24	210.35	213.60	218.90	223.02	227.37	1.3%
Industrial	193.34	193.94	193.16	190.35	191.49	192.09	193.17	194.97	197.04	197.95	200.93	202.59	203.93	0.0%
Transportation	511.65	522.46	530.80	522.27	520.86	526.71	530.73	539.68	548.68	556.51	566.41	577.90	587.86	0.3%
Total Non-Renewable Expenditures	1128.19	1146.24	1156.54	1146.65	1153.81	1166.85	1179.57	1197.22	1216.15	1230.87	1254.26	1274.55	1293.86	0.5%
Transportation Renewable Expenditures	8.00	13.76	17.64	21.51	29.18	28.91	28.59	26.21	25.87	26.31	26.32	25.81	26.35	32.2%
Total Expenditures	1136.19	1160.00	1174.18	1168.16	1182.99	1195.76	1208.17	1223.43	1242.02	1257.18	1280.58	1300.36	1320.22	0.6%

Table 20. Energy Prices by Sector and Source
(2006 dollars per million Btu, unless otherwise noted) United States

- 1/ Includes energy for combined heat and power plants, except those whose primary business is to sell electricity, or electricity and heat, to the public.
2/ Excludes use for lease and plant fuel.
3/ Includes Federal and State taxes while excluding county and local taxes.
4/ E85 refers to a blend of 85 percent ethanol (renewable) and 15 percent motor gasoline (nonrenewable). To address cold starting issues, the percentage of ethanol varies seasonally. The annual average ethanol content of 74 percent is used for this forecast.
5/ Sales weighted-average price for all grades. Includes Federal, State, and local taxes.
6/ Kerosene-type jet fuel. Includes Federal and State taxes while excluding county and local taxes.
7/ Diesel fuel for on-road use. Includes Federal and State taxes while excluding county and local taxes.
8/ Compressed natural gas used as a vehicle fuel. Includes estimated motor vehicle fuel taxes and estimated dispensing costs or charges.
9/ Includes electricity-only and combined heat and power plants whose primary business is to sell electricity, or electricity and heat, to the public.
10/ 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.

-- = Not applicable.

Note: Data for 2005 and 2006 are model results and may differ slightly from official EIA data reports.

Sources: 2005 and 2006 prices for motor gasoline, distillate fuel oil, and jet fuel are based on prices in the Energy Information Administration (EIA), Petroleum Marketing Annual 2006, DOE/EIA-0487(2006) (Washington, DC, August 2007). 2005 residential and commercial natural gas delivered prices: EIA, Natural Gas Annual 2005, DOE/EIA-0131(2005) (Washington, DC, November 2006). 2006 residential and commercial natural gas delivered prices: EIA, Natural Gas Monthly, DOE/EIA-0130(2007/04) (Washington, DC, April 2007). 2005 and 2006 industrial natural gas delivered prices are estimated based on: EIA, Manufacturing Energy Consumption Survey 1994 and industrial and wellhead prices from the Natural Gas Annual 2005, DOE/EIA-0131(2005) (Washington, DC, November 2006) and the Natural Gas Monthly, DOE/EIA-0130(2007/04) (Washington, DC, April 2007). 2005 transportation sector natural gas delivered prices are based on: EIA, Natural Gas Annual 2005, DOE/EIA-0131(2005) (Washington, DC, November 2006) and estimated state taxes, federal taxes, and dispensing costs or charges. 2006 transportation sector natural gas delivered prices are model results. 2005 and 2006 electric power sector natural gas prices: EIA, Electric Power Monthly, May 2006 through April 2007, Table 4.11.A. 2005 and 2006 coal prices based on: EIA, Quarterly Coal Report, October-December 2006, DOE/EIA-0121(2006/4Q) (Washington, DC, March 2007) and EIA, AEO2008 National Energy Modeling System run aeo2008.d030208f. 2005 and 2006 electricity prices: EIA, Annual Energy Review 2006, DOE/EIA-0384(2006) (Washington, DC, June 2007). 2005 and 2006 E85 prices derived from monthly prices in the Clean Cities Alternative Fuel Price Report. Projections: EIA, AEO2008 National Energy Modeling System run aeo2008.d030208f.