

Table 1. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) New England

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Energy Consumption													
Residential													
Distillate Fuel	0.314	0.333	0.320	0.305	0.307	0.310	0.314	0.315	0.315	0.315	0.315	0.313	0.312
Kerosene	0.009	0.012	0.013	0.015	0.015	0.015	0.015	0.016	0.016	0.016	0.016	0.016	0.016
Liquefied Petroleum Gas	0.031	0.030	0.031	0.028	0.028	0.028	0.029	0.029	0.029	0.030	0.030	0.030	0.030
Petroleum Subtotal	0.354	0.375	0.364	0.348	0.350	0.354	0.358	0.360	0.360	0.361	0.361	0.360	0.359
Natural Gas	0.183	0.201	0.195	0.194	0.196	0.198	0.201	0.202	0.204	0.205	0.207	0.207	0.207
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/	0.024	0.027	0.026	0.025	0.025	0.025	0.025	0.025	0.025	0.024	0.024	0.024	0.024
Electricity	0.152	0.155	0.153	0.157	0.160	0.164	0.168	0.170	0.171	0.172	0.174	0.174	0.176
Delivered Energy	0.714	0.757	0.739	0.725	0.732	0.742	0.752	0.756	0.760	0.763	0.766	0.765	0.765
Electricity Related Losses	0.283	0.286	0.270	0.272	0.276	0.281	0.289	0.294	0.298	0.308	0.315	0.314	0.318
Total	0.997	1.044	1.009	0.996	1.008	1.023	1.042	1.050	1.057	1.071	1.081	1.079	1.084
Commercial													
Distillate Fuel	0.076	0.080	0.079	0.077	0.079	0.080	0.082	0.083	0.083	0.083	0.084	0.084	0.085
Residual Fuel	0.008	0.008	0.006	0.009	0.011	0.010	0.009	0.009	0.009	0.010	0.010	0.010	0.010
Kerosene	0.003	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
Liquefied Petroleum Gas	0.005	0.005	0.005	0.005	0.006	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
Petroleum Subtotal	0.094	0.099	0.096	0.098	0.101	0.102	0.103	0.104	0.104	0.105	0.105	0.106	0.106
Natural Gas	0.137	0.141	0.140	0.136	0.138	0.141	0.143	0.146	0.148	0.149	0.151	0.152	0.153
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/	0.006	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
Electricity	0.180	0.180	0.179	0.183	0.188	0.194	0.200	0.205	0.209	0.214	0.217	0.221	0.224
Delivered Energy	0.419	0.427	0.422	0.424	0.435	0.444	0.453	0.461	0.469	0.475	0.481	0.486	0.491
Electricity Related Losses	0.336	0.333	0.315	0.316	0.324	0.332	0.345	0.356	0.364	0.382	0.393	0.397	0.405
Total	0.755	0.760	0.737	0.740	0.758	0.777	0.798	0.817	0.833	0.857	0.874	0.883	0.896
Industrial 4/													
Distillate Fuel	0.017	0.019	0.019	0.019	0.018	0.018	0.018	0.018	0.018	0.018	0.018	0.018	0.018
Liquefied Petroleum 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
Petrochemical Feedstocks	0.049	0.048	0.046	0.049	0.050	0.051	0.054	0.055	0.055	0.055	0.055	0.054	0.053
Residual Fuel	0.052	0.074	0.075	0.074	0.071	0.072	0.071	0.071	0.071	0.070	0.069	0.069	0.068
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
Other Petroleum 5/	0.049	0.049	0.050	0.050	0.049	0.049	0.050	0.050	0.050	0.050	0.050	0.050	0.049
Petroleum Subtotal	0.189	0.210	0.210	0.211	0.209	0.210	0.213	0.215	0.215	0.214	0.213	0.211	0.211
Natural Gas	0.150	0.139	0.141	0.144	0.143	0.145	0.147	0.150	0.151	0.152	0.153	0.154	0.156
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	0.150	0.139	0.141	0.144	0.143	0.145	0.147	0.150	0.151	0.152	0.153	0.154	0.156
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
Steam 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
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
Renewable Energy 7/	0.139	0.140	0.148	0.153	0.154	0.155	0.158	0.160	0.161	0.162	0.163	0.164	0.166
Electricity	0.076	0.075	0.077	0.079	0.079	0.079	0.081	0.082	0.082	0.083	0.083	0.083	0.084
Delivered Energy	0.557	0.568	0.582	0.591	0.589	0.594	0.603	0.610	0.613	0.616	0.617	0.617	0.621
Electricity Related Losses	0.141	0.138	0.137	0.136	0.136	0.136	0.139	0.142	0.143	0.148	0.150	0.150	0.152
Total	0.698	0.706	0.718	0.727	0.725	0.730	0.743	0.753	0.756	0.764	0.768	0.767	0.773
Transportation													
Distillate Fuel 8/	0.160	0.163	0.171	0.179	0.183	0.189	0.195	0.202	0.207	0.212	0.216	0.221	0.226
Jet Fuel 9/	0.068	0.067	0.070	0.072	0.074	0.076	0.077	0.079	0.081	0.083	0.085	0.086	0.088
Motor Gasoline 2/	0.782	0.790	0.805	0.821	0.838	0.857	0.876	0.894	0.911	0.926	0.941	0.956	0.971
Residual Fuel	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
Liquefied Petroleum Gas	0.001	0.001	0.001	0.002	0.002	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.003

Table 1. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) New England

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Other Petroleum 10/ Petroleum Subtotal	0.008 1.025	0.009 1.035	0.009 1.061	0.008 1.087	0.009 1.112	0.009 1.138	0.009 1.165	0.009 1.192	0.009 1.216	0.009 1.238	0.009 1.260	0.009 1.280	0.009 1.302
Pipeline Fuel Natural Gas	0.008	0.008	0.009	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.011	0.011
Compressed Natural Gas	0.001	0.001	0.002	0.002	0.002	0.003	0.003	0.004	0.004	0.005	0.005	0.006	0.006
Renewable Energy (E85) 11/ 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 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000
Electricity Delivered Energy	0.004 1.038	0.004 1.048	0.004 1.076	0.004 1.103	0.004 1.128	0.004 1.155	0.004 1.183	0.004 1.210	0.004 1.235	0.004 1.258	0.004 1.280	0.004 1.301	0.005 1.323
Electricity Related Losses	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.008	0.008	0.008	0.008
Total	1.045	1.055	1.083	1.110	1.135	1.162	1.190	1.218	1.243	1.266	1.288	1.309	1.332
Delivered Energy Consumption, All Sectors													
Distillate Fuel	0.567	0.595	0.589	0.580	0.588	0.598	0.609	0.617	0.623	0.628	0.633	0.636	0.641
Kerosene	0.012	0.016	0.018	0.019	0.019	0.020	0.020	0.020	0.020	0.020	0.021	0.021	0.021
Jet Fuel 9/ Liquefied Petroleum Gas	0.068 0.046	0.067 0.045	0.070 0.046	0.072 0.044	0.074 0.044	0.076 0.045	0.077 0.045	0.079 0.046	0.081 0.046	0.083 0.047	0.085 0.047	0.086 0.048	0.088 0.048
Motor Gasoline 2/ Petrochemical Feedstocks	0.797 0.049	0.804 0.048	0.820 0.046	0.836 0.049	0.853 0.050	0.871 0.051	0.890 0.054	0.909 0.055	0.925 0.055	0.940 0.055	0.955 0.055	0.970 0.054	0.985 0.053
Residual Fuel	0.066	0.087	0.086	0.088	0.088	0.087	0.086	0.086	0.085	0.085	0.084	0.084	0.083
Other Petroleum 12/ Petroleum Subtotal	0.056 1.662	0.057 1.719	0.057 1.732	0.057 1.744	0.056 1.772	0.057 1.805	0.057 1.839	0.058 1.870	0.058 1.896	0.058 1.918	0.058 1.939	0.058 1.957	0.058 1.978
Natural Gas	0.471	0.482	0.478	0.476	0.480	0.487	0.495	0.501	0.507	0.512	0.516	0.519	0.522
Lease and Plant Fuel 6/ Pipeline Natural Gas	0.000 0.008	0.000 0.008	0.000 0.009	0.000 0.010	0.000 0.010	0.000 0.010	0.000 0.010	0.000 0.010	0.000 0.010	0.000 0.010	0.000 0.010	0.000 0.011	0.000 0.011
Natural Gas Subtotal	0.479	0.490	0.487	0.485	0.490	0.497	0.505	0.511	0.517	0.522	0.527	0.529	0.533
Metallurgical Coal Steam Coal	0.000 0.005	0.000 0.005	0.000 0.005	0.000 0.005	0.000 0.005	0.000 0.005	0.000 0.005	0.000 0.005	0.000 0.005	0.000 0.005	0.000 0.005	0.000 0.005	0.000 0.005
Net Coal Coke Imports Coal Subtotal	0.000 0.005	0.000 0.005	0.000 0.005	0.000 0.005	0.000 0.005	0.000 0.005	0.000 0.005	0.000 0.005	0.000 0.005	0.000 0.005	0.000 0.005	0.000 0.005	0.000 0.005
Renewable Energy 13/ Liquid Hydrogen	0.170 0.000	0.174 0.000	0.181 0.000	0.185 0.000	0.186 0.000	0.187 0.000	0.189 0.000	0.191 0.000	0.192 0.000	0.193 0.000	0.195 0.000	0.195 0.000	0.197 0.000
Electricity Delivered Energy	0.412 2.728	0.413 2.800	0.413 2.819	0.423 2.843	0.431 2.883	0.442 2.935	0.452 2.992	0.460 3.038	0.467 3.077	0.473 3.111	0.479 3.144	0.483 3.170	0.488 3.200
Electricity Related Losses	0.767	0.764	0.728	0.731	0.743	0.757	0.780	0.800	0.812	0.846	0.866	0.869	0.884
Total	3.495	3.565	3.547	3.573	3.626	3.692	3.772	3.838	3.889	3.957	4.011	4.039	4.084
Electric Power 14/													
Distillate Fuel	0.007	0.023	0.005	0.006	0.006	0.006	0.006	0.006	0.007	0.007	0.007	0.007	0.007
Residual Fuel	0.101	0.109	0.081	0.084	0.083	0.088	0.093	0.103	0.102	0.111	0.124	0.128	0.142
Petroleum Subtotal	0.109	0.132	0.086	0.089	0.088	0.094	0.099	0.109	0.108	0.117	0.131	0.135	0.149
Natural Gas	0.348	0.331	0.325	0.321	0.326	0.349	0.372	0.385	0.397	0.403	0.408	0.416	0.418
Steam Coal	0.195	0.194	0.203	0.209	0.214	0.218	0.220	0.220	0.220	0.220	0.220	0.220	0.220
Nuclear Power	0.368	0.361	0.369	0.369	0.369	0.369	0.369	0.369	0.369	0.369	0.369	0.369	0.369
Renewable Energy/Other 15/ Electricity Imports	0.140 0.020	0.142 0.018	0.142 0.016	0.148 0.018	0.150 0.026	0.150 0.018	0.150 0.023	0.150 0.028	0.150 0.035	0.150 0.060	0.150 0.068	0.150 0.062	0.150 0.066
Total	1.179	1.177	1.141	1.154	1.174	1.198	1.233	1.260	1.279	1.319	1.345	1.352	1.372
Total Energy Consumption													
Distillate Fuel	0.574	0.618	0.594	0.586	0.593	0.604	0.615	0.624	0.630	0.635	0.640	0.643	0.648
Kerosene	0.012	0.016	0.018	0.019	0.019	0.020	0.020	0.020	0.020	0.020	0.021	0.021	0.021
Jet Fuel 9/ Liquefied Petroleum Gas	0.068 0.046	0.067 0.045	0.070 0.046	0.072 0.044	0.074 0.044	0.076 0.045	0.077 0.045	0.079 0.046	0.081 0.046	0.083 0.047	0.085 0.047	0.086 0.048	0.088 0.048
Motor Gasoline 2/ Petrochemical Feedstocks	0.797 0.049	0.804 0.048	0.820 0.046	0.836 0.049	0.853 0.050	0.871 0.051	0.890 0.054	0.909 0.055	0.925 0.055	0.940 0.055	0.955 0.055	0.970 0.054	0.985 0.053
Residual Fuel	0.167	0.197	0.167	0.171	0.170	0.175	0.178	0.189	0.187	0.195	0.208	0.211	0.225
Other Petroleum 12/ Petroleum Subtotal	0.056 1.771	0.057 1.851	0.057 1.818	0.057 1.833	0.056 1.860	0.057 1.898	0.057 1.938	0.058 1.979	0.058 2.004	0.058 2.035	0.058 2.070	0.058 2.091	0.058 2.126
Natural Gas	0.819	0.813	0.803	0.796	0.806	0.836	0.867	0.886	0.904	0.915	0.924	0.935	0.940

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	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
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	0.008	0.008	0.009	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.011	0.011
Natural Gas Subtotal	0.827	0.820	0.812	0.806	0.816	0.846	0.877	0.896	0.915	0.925	0.935	0.946	0.951
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
Steam Coal	0.199	0.199	0.209	0.214	0.219	0.223	0.225	0.225	0.225	0.225	0.225	0.225	0.225
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	0.199	0.199	0.209	0.214	0.219	0.223	0.225	0.225	0.225	0.225	0.225	0.225	0.225
Nuclear Power	0.368	0.361	0.369	0.369	0.369	0.369	0.369	0.369	0.369	0.369	0.369	0.369	0.369
Renewable Energy 16/	0.309	0.316	0.323	0.333	0.335	0.337	0.339	0.341	0.342	0.343	0.344	0.345	0.347
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
Electricity Imports	0.020	0.018	0.016	0.018	0.026	0.018	0.023	0.028	0.035	0.060	0.068	0.062	0.066
Total	3.495	3.565	3.547	3.573	3.626	3.692	3.772	3.838	3.889	3.957	4.011	4.039	4.084
Energy Use & Related Statistics													
Delivered Energy Use	2.728	2.800	2.819	2.843	2.883	2.935	2.992	3.038	3.077	3.111	3.144	3.170	3.200
Total Energy Use	3.495	3.565	3.547	3.573	3.626	3.692	3.772	3.838	3.889	3.957	4.011	4.039	4.084
Population (millions)	14.165	14.234	14.308	14.382	14.456	14.530	14.603	14.678	14.754	14.831	14.910	14.989	15.070

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	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2003-2025
Energy Consumption												
Residential												
Distillate Fuel	0.311	0.310	0.307	0.305	0.302	0.300	0.297	0.295	0.293	0.292	0.289	-0.6%
Kerosene	0.016	0.016	0.016	0.016	0.016	0.015	0.015	0.015	0.014	0.014	0.014	0.8%
Liquefied Petroleum Gas	0.031	0.031	0.031	0.031	0.032	0.032	0.032	0.032	0.032	0.033	0.033	0.4%
Petroleum Subtotal	0.358	0.357	0.354	0.352	0.349	0.348	0.344	0.342	0.340	0.338	0.335	-0.5%
Natural Gas	0.207	0.208	0.208	0.209	0.209	0.210	0.210	0.211	0.212	0.213	0.214	0.3%
Coal	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-1.2%
Renewable Energy 1/	0.024	0.024	0.024	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	-0.8%
Electricity	0.177	0.179	0.181	0.183	0.184	0.187	0.188	0.190	0.192	0.195	0.196	1.1%
Delivered Energy	0.766	0.769	0.767	0.766	0.766	0.768	0.766	0.766	0.767	0.769	0.768	0.1%
Electricity Related Losses	0.323	0.329	0.324	0.325	0.327	0.325	0.325	0.326	0.328	0.323	0.327	0.6%
Total	1.089	1.098	1.090	1.092	1.092	1.093	1.091	1.092	1.094	1.092	1.095	0.2%
Commercial												
Distillate Fuel	0.085	0.086	0.086	0.087	0.087	0.088	0.088	0.089	0.089	0.090	0.091	0.6%
Residual Fuel	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.011	0.011	0.011	0.011	1.7%
Kerosene	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.2%
Liquefied Petroleum Gas	0.005	0.005	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	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	0.3%
Petroleum Subtotal	0.107	0.108	0.108	0.109	0.109	0.110	0.111	0.111	0.112	0.113	0.113	0.6%
Natural Gas	0.155	0.156	0.158	0.159	0.160	0.162	0.163	0.165	0.167	0.168	0.171	0.9%
Coal	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/	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.0%
Electricity	0.227	0.231	0.235	0.240	0.244	0.248	0.253	0.258	0.263	0.268	0.274	1.9%
Delivered Energy	0.496	0.502	0.509	0.515	0.521	0.527	0.534	0.541	0.549	0.557	0.565	1.3%
Electricity Related Losses	0.414	0.424	0.421	0.427	0.433	0.432	0.438	0.443	0.448	0.445	0.456	1.4%
Total	0.909	0.926	0.930	0.942	0.953	0.960	0.972	0.984	0.997	1.002	1.021	1.4%
Industrial 4/												
Distillate Fuel	0.019	0.019	0.019	0.019	0.019	0.020	0.020	0.020	0.020	0.020	0.021	0.5%
Liquefied Petroleum Gas	0.009	0.009	0.009	0.009	0.009	0.009	0.010	0.010	0.010	0.010	0.010	0.6%
Petrochemical Feedstocks	0.053	0.052	0.052	0.051	0.050	0.049	0.049	0.048	0.048	0.047	0.046	-0.2%
Residual Fuel	0.068	0.068	0.068	0.068	0.068	0.068	0.068	0.068	0.067	0.067	0.067	-0.5%
Motor Gasoline 2/	0.012	0.012	0.012	0.012	0.012	0.013	0.013	0.013	0.013	0.013	0.013	0.5%
Other Petroleum 5/	0.049	0.049	0.048	0.048	0.048	0.048	0.048	0.048	0.047	0.047	0.047	-0.2%
Petroleum Subtotal	0.210	0.208	0.208	0.208	0.208	0.207	0.206	0.206	0.205	0.205	0.204	-0.1%
Natural Gas	0.157	0.159	0.161	0.163	0.166	0.169	0.171	0.174	0.177	0.180	0.183	1.3%
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	N/A
Natural Gas Subtotal	0.157	0.159	0.161	0.163	0.166	0.169	0.171	0.174	0.177	0.180	0.183	1.3%
Metallurgical Coal	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Steam Coal	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.1%
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	N/A
Coal Subtotal	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.1%
Renewable Energy 7/	0.168	0.168	0.170	0.173	0.175	0.177	0.180	0.181	0.183	0.185	0.187	1.3%
Electricity	0.084	0.084	0.084	0.085	0.086	0.086	0.086	0.087	0.087	0.088	0.088	0.8%
Delivered Energy	0.623	0.623	0.628	0.634	0.639	0.644	0.648	0.652	0.658	0.662	0.666	0.7%
Electricity Related Losses	0.153	0.154	0.151	0.152	0.152	0.150	0.150	0.149	0.149	0.146	0.147	0.3%
Total	0.776	0.777	0.779	0.785	0.791	0.794	0.798	0.802	0.807	0.808	0.813	0.6%
Transportation												
Distillate Fuel 8/	0.230	0.234	0.239	0.244	0.249	0.254	0.258	0.263	0.268	0.274	0.279	2.5%
Jet Fuel 9/	0.089	0.090	0.091	0.092	0.094	0.095	0.095	0.096	0.097	0.097	0.098	1.7%
Motor Gasoline 2/	0.985	0.999	1.013	1.026	1.039	1.052	1.065	1.080	1.096	1.113	1.131	1.6%
Residual Fuel	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	-0.3%
Liquefied Petroleum Gas	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	6.4%

Table 1. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) New England

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2003-2025
Other Petroleum 10/	0.009	0.009	0.010	0.010	0.010	0.010	0.010	0.010	0.011	0.011	0.011	1.1%
Petroleum Subtotal	1.322	1.341	1.361	1.381	1.400	1.419	1.438	1.458	1.480	1.504	1.528	1.8%
Pipeline Fuel Natural Gas	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.012	0.012	0.012	1.9%
Compressed Natural Gas	0.006	0.007	0.007	0.007	0.007	0.008	0.008	0.008	0.008	0.008	0.009	9.0%
Renewable Energy (E85) 11/	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.7%
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Electricity	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.006	1.8%
Delivered Energy	1.344	1.363	1.384	1.405	1.424	1.443	1.463	1.483	1.506	1.530	1.555	1.8%
Electricity Related Losses	0.008	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	1.3%
Total	1.353	1.372	1.393	1.413	1.433	1.452	1.472	1.492	1.515	1.539	1.564	1.8%
Delivered Energy Consumption, All Sectors												
Distillate Fuel	0.645	0.649	0.651	0.654	0.658	0.661	0.663	0.667	0.671	0.676	0.679	0.6%
Kerosene	0.021	0.021	0.020	0.020	0.020	0.020	0.020	0.019	0.019	0.018	0.018	0.6%
Jet Fuel 9/	0.089	0.090	0.091	0.092	0.094	0.095	0.095	0.096	0.097	0.097	0.098	1.7%
Liquefied Petroleum Gas	0.049	0.049	0.049	0.050	0.050	0.051	0.051	0.052	0.052	0.052	0.053	0.7%
Motor Gasoline 2/	1.000	1.014	1.028	1.041	1.054	1.067	1.081	1.095	1.111	1.129	1.147	1.6%
Petrochemical Feedstocks	0.053	0.052	0.052	0.051	0.050	0.049	0.049	0.048	0.048	0.047	0.046	-0.2%
Residual Fuel	0.083	0.083	0.083	0.083	0.084	0.084	0.084	0.083	0.083	0.083	0.083	-0.2%
Other Petroleum 12/	0.057	0.057	0.057	0.057	0.057	0.057	0.057	0.057	0.057	0.057	0.057	0.1%
Petroleum Subtotal	1.997	2.014	2.032	2.050	2.067	2.084	2.099	2.117	2.137	2.160	2.181	1.1%
Natural Gas	0.526	0.530	0.534	0.538	0.543	0.548	0.553	0.558	0.564	0.571	0.576	0.8%
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	N/A
Pipeline Natural Gas	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.012	0.012	0.012	1.9%
Natural Gas Subtotal	0.536	0.540	0.545	0.549	0.554	0.560	0.564	0.569	0.576	0.582	0.588	0.8%
Metallurgical Coal	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Steam Coal	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.0%
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	N/A
Coal Subtotal	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.0%
Renewable Energy 13/	0.198	0.199	0.201	0.203	0.205	0.207	0.209	0.211	0.213	0.215	0.216	1.0%
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Electricity	0.493	0.499	0.505	0.512	0.519	0.526	0.532	0.540	0.548	0.557	0.564	1.4%
Delivered Energy	3.229	3.257	3.288	3.319	3.350	3.382	3.411	3.443	3.479	3.519	3.554	1.1%
Electricity Related Losses	0.898	0.915	0.904	0.913	0.920	0.916	0.922	0.928	0.934	0.923	0.938	0.9%
Total	4.128	4.172	4.192	4.232	4.270	4.298	4.333	4.371	4.414	4.442	4.493	1.1%
Electric Power 14/												
Distillate Fuel	0.007	0.007	0.007	0.007	0.007	0.006	0.006	0.006	0.006	0.006	0.006	-6.0%
Residual Fuel	0.135	0.132	0.129	0.134	0.136	0.132	0.133	0.133	0.130	0.131	0.127	0.7%
Petroleum Subtotal	0.142	0.139	0.136	0.141	0.143	0.138	0.139	0.139	0.136	0.137	0.133	0.0%
Natural Gas	0.424	0.428	0.448	0.461	0.473	0.474	0.484	0.495	0.507	0.530	0.522	2.1%
Steam Coal	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.249	1.2%
Nuclear Power	0.369	0.369	0.369	0.369	0.369	0.369	0.369	0.369	0.369	0.369	0.369	0.1%
Renewable Energy/Other 15/	0.155	0.177	0.178	0.179	0.181	0.182	0.184	0.185	0.187	0.187	0.187	1.3%
Electricity Imports	0.082	0.081	0.059	0.055	0.054	0.059	0.059	0.059	0.064	0.037	0.043	4.1%
Total	1.391	1.414	1.410	1.425	1.439	1.442	1.455	1.467	1.482	1.480	1.503	1.1%
Total Energy Consumption												
Distillate Fuel	0.652	0.656	0.658	0.661	0.664	0.668	0.670	0.673	0.677	0.682	0.685	0.5%
Kerosene	0.021	0.021	0.020	0.020	0.020	0.020	0.020	0.019	0.019	0.018	0.018	0.6%
Jet Fuel 9/	0.089	0.090	0.091	0.092	0.094	0.095	0.095	0.096	0.097	0.097	0.098	1.7%
Liquefied Petroleum Gas	0.049	0.049	0.049	0.050	0.050	0.051	0.051	0.052	0.052	0.052	0.053	0.7%
Motor Gasoline 2/	1.000	1.014	1.028	1.041	1.054	1.067	1.081	1.095	1.111	1.129	1.147	1.6%
Petrochemical Feedstocks	0.053	0.052	0.052	0.051	0.050	0.049	0.049	0.048	0.048	0.047	0.046	-0.2%
Residual Fuel	0.218	0.215	0.212	0.217	0.220	0.215	0.216	0.216	0.213	0.214	0.210	0.3%
Other Petroleum 12/	0.057	0.057	0.057	0.057	0.057	0.057	0.057	0.057	0.057	0.057	0.057	0.1%
Petroleum Subtotal	2.138	2.153	2.167	2.190	2.210	2.222	2.238	2.256	2.273	2.296	2.313	1.0%
Natural Gas	0.949	0.958	0.982	0.999	1.016	1.022	1.037	1.053	1.071	1.101	1.098	1.4%

Table 1. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) New England

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2003-2025
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	N/A
Pipeline Natural Gas	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.012	0.012	0.012	1.9%
Natural Gas Subtotal	0.960	0.968	0.993	1.010	1.027	1.034	1.048	1.065	1.083	1.113	1.110	1.4%
Metallurgical Coal	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Steam Coal	0.225	0.225	0.225	0.225	0.225	0.225	0.225	0.225	0.225	0.225	0.254	1.1%
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	N/A
Coal Subtotal	0.225	0.225	0.225	0.225	0.225	0.225	0.225	0.225	0.225	0.225	0.254	1.1%
Nuclear Power	0.369	0.369	0.369	0.369	0.369	0.369	0.369	0.369	0.369	0.369	0.369	0.1%
Renewable Energy 16/	0.353	0.376	0.379	0.382	0.386	0.390	0.393	0.396	0.400	0.402	0.403	1.1%
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Electricity Imports	0.082	0.081	0.059	0.055	0.054	0.059	0.059	0.059	0.064	0.037	0.043	4.1%
Total	4.128	4.172	4.192	4.232	4.270	4.298	4.333	4.371	4.414	4.442	4.493	1.1%
Energy Use & Related Statistics												
Delivered Energy Use	3.229	3.257	3.288	3.319	3.350	3.382	3.411	3.443	3.479	3.519	3.554	1.1%
Total Energy Use	4.128	4.172	4.192	4.232	4.270	4.298	4.333	4.371	4.414	4.442	4.493	1.1%
Population (millions)	15.152	15.235	15.318	15.402	15.487	15.573	15.661	15.751	15.842	15.936	16.033	0.5%

Table 1. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) New England

1/ Includes wood used for residential heating. See Table A18 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 the field gathering and processing plant machinery

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

8/ Diesel fuel containing 500 parts per million (ppm) or 15 ppm sulfur.

9/ Includes only kerosene type.

10/ Includes aviation gasoline and lubricants.

11/ 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 actually varies seasonally. The annual average ethanol content of 74 percent is used for this forecast

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 (CHP) 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, municipal solid waste, other biomass, petroleum coke, wind, photovoltaic and solar thermal sources. Excludes net electricity imports.

16/ Includes hydroelectric, geothermal, wood and wood waste, 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.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Data for 2002 and 2003 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: 2002 and 2003 consumption based on: Energy Information Administration (EIA), Annual Energy Review 2003, DOE/EIA-0384(2003) (Washington, DC, September 2004); 2002 and 2003 population and gross domestic product: Global Insight macroeconomic model T250804. 2002 and 2003 carbon dioxide emissions: EIA, Emissions of Greenhouse Gases in the United States 2003, DOE/EIA-0573(2003) (Washington, DC, December 2004). Projections: EIA, AEO2005 National Energy Modeling System run aeo2005.d102004a

Table 2. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) Middle Atlantic

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	
Energy Consumption														
Residential														
Distillate Fuel	0.394	0.420	0.398	0.384	0.387	0.390	0.395	0.395	0.395	0.394	0.394	0.392	0.390	
Kerosene	0.019	0.025	0.028	0.031	0.031	0.032	0.032	0.033	0.033	0.033	0.034	0.034	0.034	
Liquefied Petroleum Gas	0.041	0.041	0.042	0.039	0.039	0.040	0.041	0.042	0.043	0.044	0.045	0.046	0.047	
Petroleum Subtotal	0.453	0.486	0.468	0.454	0.457	0.462	0.468	0.470	0.471	0.472	0.473	0.471	0.471	
Natural Gas	0.858	0.946	0.896	0.894	0.898	0.909	0.922	0.930	0.940	0.949	0.955	0.952	0.950	
Coal	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	
Renewable Energy 1/ Electricity	0.074 0.418	0.082 0.421	0.078 0.420	0.077 0.432	0.076 0.440	0.076 0.450	0.075 0.459	0.074 0.462	0.073 0.465	0.072 0.467	0.072 0.469	0.071 0.470	0.070 0.472	
Delivered Energy	1.806	1.939	1.865	1.860	1.875	1.900	1.927	1.939	1.952	1.963	1.972	1.966	1.965	
Electricity Related Losses	1.017	1.004	1.063	1.091	1.105	1.106	1.116	1.138	1.145	1.159	1.167	1.177	1.191	
Total	2.823	2.943	2.928	2.952	2.980	3.006	3.043	3.077	3.097	3.122	3.138	3.143	3.156	
Commercial														
Distillate Fuel	0.147	0.152	0.152	0.145	0.148	0.152	0.155	0.158	0.159	0.159	0.160	0.161	0.162	
Residual Fuel	0.057	0.054	0.046	0.050	0.055	0.055	0.052	0.052	0.052	0.053	0.053	0.053	0.053	
Kerosene	0.009	0.012	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.012	0.012	0.012	
Liquefied Petroleum Gas	0.006	0.006	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/ Petroleum Subtotal	0.002 0.222	0.003 0.226	0.003 0.220	0.002 0.217	0.002 0.225	0.002 0.229	0.002 0.229	0.002 0.232	0.002 0.233	0.002 0.234	0.002 0.235	0.002 0.236	0.002 0.237	
Natural Gas	0.649	0.668	0.657	0.617	0.624	0.636	0.648	0.656	0.663	0.668	0.672	0.675	0.677	
Coal	0.021	0.023	0.022	0.022	0.022	0.022	0.022	0.022	0.022	0.022	0.022	0.022	0.022	
Renewable Energy 3/ Electricity	0.019 0.517	0.018 0.509	0.018 0.512	0.018 0.525	0.018 0.539	0.018 0.557	0.018 0.574	0.018 0.586	0.018 0.597	0.018 0.606	0.018 0.610	0.018 0.615	0.018 0.621	
Delivered Energy	1.427	1.444	1.429	1.399	1.428	1.462	1.491	1.514	1.533	1.547	1.557	1.566	1.574	
Electricity Related Losses	1.259	1.212	1.294	1.324	1.353	1.368	1.395	1.443	1.469	1.503	1.517	1.540	1.565	
Total	2.686	2.657	2.723	2.723	2.781	2.830	2.886	2.957	3.001	3.050	3.074	3.106	3.139	
Industrial 4/														
Distillate Fuel	0.047	0.051	0.052	0.052	0.048	0.047	0.047	0.047	0.046	0.046	0.046	0.047	0.047	
Liquefied Petroleum Gas	0.033	0.032	0.032	0.032	0.030	0.030	0.030	0.030	0.030	0.031	0.031	0.031	0.031	
Petrochemical Feedstocks	0.141	0.138	0.133	0.140	0.144	0.147	0.154	0.157	0.160	0.159	0.158	0.155	0.153	
Residual Fuel	0.019	0.022	0.022	0.022	0.022	0.022	0.022	0.023	0.023	0.023	0.023	0.022	0.022	
Motor Gasoline 2/ Other Petroleum 5/ Petroleum Subtotal	0.022 0.461 0.722	0.022 0.462 0.726	0.022 0.475 0.736	0.022 0.476 0.743	0.021 0.464 0.729	0.021 0.471 0.739	0.021 0.475 0.749	0.022 0.480 0.759	0.021 0.480 0.760	0.022 0.484 0.764	0.022 0.485 0.763	0.022 0.483 0.760	0.022 0.486 0.763	
Natural Gas	0.406	0.370	0.377	0.383	0.416	0.417	0.424	0.429	0.434	0.437	0.440	0.443	0.444	
Lease and Plant Fuel 6/ Natural Gas Subtotal	0.007 0.414	0.007 0.377	0.005 0.382	0.005 0.388	0.005 0.421	0.005 0.423	0.006 0.430	0.006 0.435	0.006 0.440	0.007 0.443	0.007 0.447	0.007 0.450	0.007 0.452	
Metallurgical Coal	0.179	0.184	0.194	0.184	0.179	0.173	0.168	0.163	0.156	0.153	0.149	0.145	0.142	
Steam Coal	0.112	0.115	0.113	0.116	0.116	0.116	0.117	0.117	0.118	0.118	0.118	0.118	0.118	
Net Coal Coke Imports	0.004	0.003	0.007	0.006	0.006	0.006	0.007	0.007	0.006	0.006	0.006	0.006	0.006	
Coal Subtotal	0.295	0.302	0.315	0.307	0.300	0.296	0.292	0.287	0.280	0.277	0.273	0.269	0.265	
Renewable Energy 7/ Electricity	0.080 0.279	0.080 0.275	0.085 0.285	0.088 0.291	0.088 0.291	0.089 0.295	0.091 0.300	0.092 0.304	0.093 0.305	0.093 0.307	0.094 0.309	0.095 0.309	0.096 0.312	
Delivered Energy	1.790	1.761	1.803	1.816	1.830	1.841	1.862	1.876	1.878	1.885	1.886	1.883	1.887	
Electricity Related Losses	0.679	0.656	0.722	0.733	0.731	0.724	0.728	0.748	0.752	0.762	0.767	0.775	0.786	
Total	2.469	2.417	2.525	2.549	2.562	2.565	2.589	2.625	2.630	2.648	2.653	2.657	2.673	
Transportation														
Distillate Fuel 8/ Jet Fuel 9/ Motor Gasoline 2/ Residual Fuel	0.483 0.373 1.840 0.111	0.493 0.364 1.858 0.106	0.518 0.382 1.894 0.095	0.539 0.392 1.916 0.095	0.550 0.402 1.949 0.095	0.564 0.414 1.986 0.095	0.582 0.421 2.024 0.095	0.599 0.431 2.061 0.094	0.611 0.445 2.093 0.094	0.624 0.456 2.121 0.094	0.635 0.465 2.149 0.094	0.646 0.472 2.177 0.093	0.658 0.479 2.205 0.093	0.658 0.479 2.205 0.093
Liquefied Petroleum Gas	0.002	0.003	0.003	0.004	0.006	0.006	0.006	0.007	0.007	0.008	0.008	0.008	0.008	

Table 2. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) Middle Atlantic

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Other Petroleum 10/ Petroleum Subtotal	0.020 2.829	0.025 2.849	0.025 2.917	0.025 2.971	0.025 3.026	0.025 3.089	0.025 3.153	0.025 3.216	0.025 3.275	0.025 3.328	0.025 3.376	0.026 3.421	0.026 3.469
Pipeline Fuel Natural Gas	0.048	0.046	0.045	0.045	0.044	0.044	0.046	0.045	0.045	0.046	0.046	0.046	0.046
Compressed Natural Gas	0.002	0.003	0.004	0.004	0.005	0.006	0.006	0.007	0.008	0.008	0.009	0.009	0.010
Renewable Energy (E85) 11/ 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 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000
Electricity	0.011	0.011	0.011	0.011	0.011	0.011	0.012	0.012	0.012	0.012	0.012	0.013	0.013
Delivered Energy	2.890	2.908	2.978	3.031	3.086	3.151	3.216	3.281	3.341	3.394	3.444	3.490	3.539
Electricity Related Losses	0.026	0.026	0.028	0.028	0.028	0.028	0.028	0.029	0.029	0.030	0.031	0.031	0.032
Total	2.916	2.934	3.005	3.059	3.115	3.179	3.245	3.310	3.370	3.424	3.475	3.521	3.571
Delivered Energy Consumption, All Sectors													
Distillate Fuel	1.071	1.117	1.119	1.120	1.133	1.154	1.179	1.199	1.211	1.224	1.236	1.245	1.257
Kerosene	0.031	0.040	0.044	0.048	0.048	0.048	0.049	0.049	0.050	0.050	0.050	0.050	0.050
Jet Fuel 9/	0.373	0.364	0.382	0.392	0.402	0.414	0.421	0.431	0.445	0.456	0.465	0.472	0.479
Liquefied Petroleum Gas	0.082	0.081	0.083	0.081	0.082	0.083	0.085	0.086	0.087	0.089	0.091	0.092	0.094
Motor Gasoline 2/	1.864	1.882	1.919	1.940	1.972	2.010	2.047	2.085	2.117	2.145	2.173	2.201	2.229
Petrochemical Feedstocks	0.141	0.138	0.133	0.140	0.144	0.147	0.154	0.157	0.160	0.159	0.158	0.155	0.153
Residual Fuel	0.187	0.182	0.164	0.167	0.171	0.171	0.169	0.169	0.169	0.169	0.169	0.169	0.169
Other Petroleum 12/ Petroleum Subtotal	0.478 4.226	0.483 4.287	0.496 4.340	0.496 4.384	0.485 4.437	0.492 4.519	0.495 4.600	0.501 4.677	0.501 4.740	0.505 4.798	0.506 4.848	0.504 4.888	0.508 4.939
Natural Gas	1.915	1.987	1.933	1.898	1.943	1.968	2.000	2.022	2.045	2.061	2.075	2.079	2.081
Lease and Plant Fuel 6/ Pipeline Natural Gas	0.007 0.048	0.007 0.046	0.005 0.045	0.005 0.045	0.005 0.044	0.005 0.044	0.006 0.046	0.006 0.045	0.006 0.045	0.007 0.046	0.007 0.046	0.007 0.046	0.007 0.046
Natural Gas Subtotal	1.971	2.040	1.984	1.948	1.992	2.017	2.051	2.073	2.097	2.114	2.128	2.133	2.135
Metallurgical Coal	0.179	0.184	0.194	0.184	0.179	0.173	0.168	0.163	0.156	0.153	0.149	0.145	0.142
Steam Coal	0.135	0.141	0.138	0.141	0.140	0.141	0.142	0.142	0.142	0.142	0.142	0.142	0.142
Net Coal Coke Imports	0.004	0.003	0.007	0.006	0.006	0.006	0.007	0.007	0.006	0.006	0.006	0.006	0.006
Coal Subtotal	0.319	0.328	0.339	0.332	0.325	0.320	0.317	0.312	0.304	0.301	0.297	0.293	0.290
Renewable Energy 13/ Liquid Hydrogen	0.172 0.000	0.181 0.000	0.182 0.000	0.184 0.000	0.183 0.000	0.183 0.000	0.184 0.000	0.185 0.000	0.184 0.000	0.185 0.000	0.185 0.000	0.184 0.000	0.185 0.000
Electricity	1.225	1.216	1.228	1.259	1.282	1.314	1.344	1.365	1.379	1.392	1.401	1.407	1.417
Delivered Energy	7.913	8.053	8.074	8.106	8.220	8.354	8.496	8.610	8.704	8.789	8.859	8.905	8.965
Electricity Related Losses	2.981	2.898	3.107	3.177	3.218	3.226	3.267	3.359	3.395	3.455	3.481	3.523	3.573
Total	10.894	10.950	11.182	11.283	11.438	11.580	11.763	11.969	12.099	12.244	12.340	12.428	12.539
Electric Power 14/													
Distillate Fuel	0.039	0.072	0.057	0.079	0.078	0.079	0.081	0.084	0.085	0.087	0.053	0.054	0.057
Residual Fuel	0.124	0.191	0.241	0.241	0.241	0.241	0.194	0.196	0.196	0.196	0.192	0.193	0.194
Petroleum Subtotal	0.163	0.263	0.299	0.320	0.319	0.320	0.275	0.280	0.280	0.283	0.244	0.246	0.251
Natural Gas	0.590	0.426	0.549	0.537	0.532	0.544	0.622	0.655	0.679	0.708	0.758	0.799	0.842
Steam Coal	1.514	1.514	1.509	1.566	1.604	1.635	1.666	1.734	1.754	1.772	1.787	1.796	1.807
Nuclear Power	1.543	1.511	1.561	1.564	1.575	1.575	1.576	1.577	1.578	1.578	1.579	1.580	1.580
Renewable Energy/Other 15/ Electricity Imports	0.359 0.037	0.382 0.018	0.401 0.016	0.430 0.019	0.443 0.028	0.447 0.019	0.446 0.025	0.446 0.029	0.450 0.037	0.446 0.063	0.443 0.071	0.443 0.065	0.442 0.069
Total	4.206	4.114	4.335	4.436	4.500	4.540	4.611	4.723	4.774	4.847	4.882	4.930	4.991
Total Energy Consumption													
Distillate Fuel	1.110	1.189	1.176	1.199	1.210	1.232	1.260	1.283	1.296	1.311	1.288	1.298	1.314
Kerosene	0.031	0.040	0.044	0.048	0.048	0.048	0.049	0.049	0.050	0.050	0.050	0.050	0.050
Jet Fuel 9/	0.373	0.364	0.382	0.392	0.402	0.414	0.421	0.431	0.445	0.456	0.465	0.472	0.479
Liquefied Petroleum Gas	0.082	0.081	0.083	0.081	0.082	0.083	0.085	0.086	0.087	0.089	0.091	0.092	0.094
Motor Gasoline 2/	1.864	1.882	1.919	1.940	1.972	2.010	2.047	2.085	2.117	2.145	2.173	2.201	2.229
Petrochemical Feedstocks	0.141	0.138	0.133	0.140	0.144	0.147	0.154	0.157	0.160	0.159	0.158	0.155	0.153
Residual Fuel	0.311	0.373	0.405	0.409	0.413	0.413	0.363	0.365	0.365	0.365	0.361	0.362	0.362
Other Petroleum 12/ Petroleum Subtotal	0.478 4.390	0.483 4.551	0.496 4.639	0.496 4.705	0.485 4.756	0.492 4.839	0.495 4.875	0.501 4.956	0.501 5.020	0.505 5.081	0.506 5.092	0.504 5.135	0.508 5.189
Natural Gas	2.505	2.413	2.482	2.435	2.475	2.512	2.622	2.676	2.724	2.770	2.833	2.879	2.923

Table 2. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) Middle Atlantic

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Lease and Plant Fuel 6/	0.007	0.007	0.005	0.005	0.005	0.005	0.006	0.006	0.006	0.007	0.007	0.007	0.007
Pipeline Natural Gas	0.048	0.046	0.045	0.045	0.044	0.044	0.046	0.045	0.045	0.046	0.046	0.046	0.046
Natural Gas Subtotal	2.560	2.466	2.533	2.485	2.524	2.561	2.674	2.728	2.776	2.822	2.886	2.932	2.977
Metallurgical Coal	0.179	0.184	0.194	0.184	0.179	0.173	0.168	0.163	0.156	0.153	0.149	0.145	0.142
Steam Coal	1.649	1.654	1.648	1.707	1.745	1.776	1.808	1.875	1.897	1.914	1.929	1.938	1.948
Net Coal Coke Imports	0.004	0.003	0.007	0.006	0.006	0.006	0.007	0.007	0.006	0.006	0.006	0.006	0.006
Coal Subtotal	1.832	1.841	1.849	1.898	1.929	1.955	1.983	2.045	2.059	2.073	2.084	2.089	2.096
Nuclear Power	1.543	1.511	1.561	1.564	1.575	1.575	1.576	1.577	1.578	1.578	1.579	1.580	1.580
Renewable Energy 16/	0.531	0.562	0.583	0.613	0.626	0.630	0.631	0.634	0.630	0.627	0.628	0.627	0.627
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
Electricity Imports	0.037	0.018	0.016	0.019	0.028	0.019	0.025	0.029	0.037	0.063	0.071	0.065	0.069
Total	10.894	10.950	11.182	11.283	11.438	11.580	11.763	11.969	12.099	12.244	12.340	12.428	12.539
Energy Use & Related Statistics													
Delivered Energy Use	7.913	8.053	8.074	8.106	8.220	8.354	8.496	8.610	8.704	8.789	8.859	8.905	8.965
Total Energy Use	10.894	10.950	11.182	11.283	11.438	11.580	11.763	11.969	12.099	12.244	12.340	12.428	12.539
Population (millions)	40.125	40.274	40.430	40.585	40.739	40.891	41.041	41.195	41.350	41.507	41.667	41.830	41.994

Table 2. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) Middle Atlantic

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2003-2025	
Energy Consumption													
Residential													
Distillate Fuel	0.388	0.387	0.383	0.379	0.375	0.373	0.368	0.365	0.361	0.359	0.354	-0.8%	
Kerosene	0.034	0.034	0.034	0.034	0.034	0.034	0.034	0.034	0.034	0.034	0.034	1.5%	
Liquefied Petroleum Gas	0.048	0.049	0.050	0.050	0.051	0.052	0.053	0.054	0.054	0.055	0.056	1.5%	
Petroleum Subtotal	0.470	0.470	0.467	0.464	0.461	0.459	0.455	0.453	0.450	0.449	0.445	-0.4%	
Natural Gas	0.948	0.950	0.948	0.947	0.946	0.948	0.946	0.946	0.949	0.954	0.953	0.0%	
Coal	0.003	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	-1.2%	
Renewable Energy 1/ Electricity	0.069 0.476	0.068 0.480	0.067 0.483	0.067 0.487	0.066 0.490	0.065 0.495	0.064 0.498	0.063 0.503	0.062 0.508	0.062 0.514	0.061 0.517	-1.4% 0.9%	
Delivered Energy	1.965	1.971	1.968	1.967	1.965	1.970	1.965	1.967	1.971	1.980	1.978	0.1%	
Electricity Related Losses	1.210	1.217	1.223	1.233	1.233	1.256	1.264	1.275	1.295	1.307	1.319	1.2%	
Total	3.174	3.188	3.190	3.200	3.198	3.226	3.230	3.243	3.266	3.287	3.297	0.5%	
Commercial													
Distillate Fuel	0.163	0.164	0.165	0.165	0.166	0.167	0.168	0.169	0.170	0.171	0.172	0.5%	
Residual Fuel	0.053	0.053	0.054	0.054	0.054	0.054	0.054	0.054	0.054	0.054	0.054	0.1%	
Kerosene	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.3%	
Liquefied Petroleum Gas	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/ Petroleum Subtotal	0.002 0.238	0.002 0.239	0.002 0.240	0.002 0.241	0.002 0.242	0.002 0.243	0.002 0.244	0.002 0.245	0.002 0.246	0.003 0.247	0.003 0.248	0.0% 0.4%	
Natural Gas	0.679	0.682	0.687	0.690	0.692	0.695	0.698	0.702	0.707	0.712	0.717	0.3%	
Coal	0.022	0.022	0.022	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.021	-0.3%	
Renewable Energy 3/ Electricity	0.018 0.627	0.018 0.635	0.018 0.644	0.018 0.652	0.018 0.660	0.018 0.668	0.018 0.677	0.018 0.687	0.018 0.697	0.018 0.708	0.018 0.719	0.0% 1.6%	
Delivered Energy	1.584	1.596	1.610	1.622	1.633	1.645	1.658	1.673	1.690	1.707	1.724	0.8%	
Electricity Related Losses	1.595	1.608	1.629	1.652	1.660	1.695	1.720	1.743	1.778	1.802	1.833	1.9%	
Total	3.179	3.204	3.239	3.274	3.293	3.340	3.378	3.416	3.468	3.509	3.557	1.3%	
Industrial 4/													
Distillate Fuel	0.048	0.048	0.048	0.049	0.050	0.051	0.051	0.052	0.052	0.053	0.053	0.2%	
Liquefied Petroleum Gas	0.032	0.031	0.032	0.032	0.032	0.033	0.033	0.033	0.034	0.034	0.034	0.4%	
Petrochemical Feedstocks	0.151	0.150	0.149	0.148	0.145	0.142	0.140	0.138	0.137	0.135	0.133	-0.2%	
Residual Fuel	0.022	0.022	0.022	0.022	0.022	0.022	0.022	0.022	0.022	0.022	0.022	0.0%	
Motor Gasoline 2/ Other Petroleum 5/ Petroleum Subtotal	0.022 0.485 0.760	0.022 0.485 0.758	0.022 0.485 0.759	0.023 0.487 0.760	0.023 0.490 0.762	0.023 0.492 0.763	0.023 0.495 0.765	0.023 0.495 0.764	0.024 0.496 0.764	0.024 0.495 0.763	0.024 0.496 0.763	0.5% 0.3% 0.2%	
Natural Gas	0.448	0.450	0.456	0.462	0.469	0.475	0.482	0.488	0.496	0.503	0.511	1.5%	
Lease and Plant Fuel 6/ Natural Gas Subtotal	0.008 0.455	0.008 0.458	0.008 0.464	0.008 0.470	0.008 0.477	0.008 0.484	0.008 0.490	0.008 0.497	0.008 0.504	0.008 0.512	0.008 0.519	0.4% 1.5%	
Metallurgical Coal	0.138	0.135	0.132	0.128	0.125	0.122	0.120	0.117	0.114	0.111	0.109	-2.4%	
Steam Coal	0.117	0.117	0.117	0.117	0.117	0.117	0.117	0.117	0.117	0.116	0.116	0.0%	
Net Coal Coke Imports	0.006	0.006	0.006	0.006	0.007	0.007	0.006	0.007	0.007	0.007	0.007	4.0%	
Coal Subtotal	0.262	0.258	0.255	0.252	0.249	0.246	0.243	0.240	0.237	0.234	0.232	-1.2%	
Renewable Energy 7/ Electricity	0.097 0.312	0.097 0.311	0.098 0.313	0.100 0.316	0.101 0.318	0.103 0.320	0.104 0.320	0.105 0.322	0.106 0.324	0.107 0.326	0.108 0.327	1.4% 0.8%	
Delivered Energy	1.885	1.883	1.889	1.899	1.908	1.914	1.922	1.928	1.936	1.943	1.949	0.5%	
Electricity Related Losses	0.793	0.788	0.792	0.800	0.800	0.811	0.814	0.817	0.827	0.830	0.835	1.1%	
Total	2.679	2.671	2.682	2.698	2.708	2.726	2.735	2.744	2.763	2.773	2.785	0.6%	
Transportation													
Distillate Fuel 8/ Jet Fuel 9/ Motor Gasoline 2/ Residual Fuel	0.669 0.485 2.231 0.093	0.677 0.489 2.256 0.092	0.689 0.495 2.281 0.092	0.701 0.500 2.303 0.092	0.712 0.506 2.325 0.092	0.723 0.510 2.347 0.092	0.733 0.512 2.370 0.092	0.743 0.514 2.394 0.091	0.756 0.516 2.422 0.091	0.768 0.518 2.452 0.091	0.780 0.519 2.484 0.091	0.785 0.519 2.484 0.091	2.1% 1.6% 1.3% -0.7%
Liquefied Petroleum Gas	0.009	0.009	0.009	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.011	6.6%	

Table 2. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) Middle Atlantic

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2003-2025
Other Petroleum 10/	0.026	0.026	0.027	0.027	0.027	0.027	0.028	0.028	0.028	0.029	0.029	0.7%
Petroleum Subtotal	3.512	3.549	3.592	3.633	3.672	3.709	3.744	3.782	3.824	3.869	3.913	1.5%
Pipeline Fuel Natural Gas	0.047	0.047	0.047	0.048	0.047	0.047	0.047	0.047	0.047	0.047	0.047	0.1%
Compressed Natural Gas	0.010	0.011	0.011	0.012	0.012	0.012	0.012	0.012	0.013	0.013	0.013	6.8%
Renewable Energy (E85) 11/	0.000	0.000	0.000	0.001	0.000	0.001	0.001	0.001	0.001	0.001	0.001	6.3%
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Electricity	0.013	0.013	0.013	0.014	0.014	0.014	0.014	0.014	0.015	0.015	0.015	1.6%
Delivered Energy	3.583	3.621	3.665	3.706	3.746	3.783	3.818	3.856	3.899	3.944	3.989	1.4%
Electricity Related Losses	0.033	0.033	0.034	0.034	0.035	0.035	0.036	0.037	0.037	0.038	0.039	1.9%
Total	3.615	3.654	3.698	3.741	3.780	3.818	3.854	3.893	3.936	3.982	4.028	1.5%
Delivered Energy Consumption, All Sectors												
Distillate Fuel	1.267	1.275	1.285	1.294	1.303	1.313	1.320	1.329	1.339	1.351	1.359	0.9%
Kerosene	0.051	0.051	0.051	0.051	0.051	0.051	0.051	0.051	0.051	0.051	0.050	1.0%
Jet Fuel 9/	0.485	0.489	0.495	0.500	0.506	0.510	0.512	0.514	0.516	0.518	0.519	1.6%
Liquefied Petroleum Gas	0.095	0.096	0.097	0.099	0.100	0.102	0.103	0.104	0.105	0.107	0.108	1.3%
Motor Gasoline 2/	2.256	2.281	2.305	2.328	2.351	2.372	2.395	2.420	2.448	2.478	2.510	1.3%
Petrochemical Feedstocks	0.151	0.150	0.149	0.148	0.145	0.142	0.140	0.138	0.137	0.135	0.133	-0.2%
Residual Fuel	0.168	0.168	0.168	0.168	0.168	0.168	0.168	0.167	0.167	0.167	0.167	-0.4%
Other Petroleum 12/	0.506	0.507	0.508	0.510	0.513	0.515	0.519	0.519	0.520	0.520	0.521	0.3%
Petroleum Subtotal	4.979	5.017	5.058	5.098	5.137	5.173	5.208	5.243	5.284	5.327	5.368	1.0%
Natural Gas	2.085	2.093	2.102	2.111	2.118	2.130	2.137	2.149	2.165	2.182	2.194	0.5%
Lease and Plant Fuel 6/	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.4%
Pipeline Natural Gas	0.047	0.047	0.047	0.048	0.047	0.047	0.047	0.047	0.047	0.047	0.047	0.1%
Natural Gas Subtotal	2.139	2.148	2.157	2.166	2.174	2.185	2.192	2.204	2.219	2.237	2.249	0.4%
Metallurgical Coal	0.138	0.135	0.132	0.128	0.125	0.122	0.120	0.117	0.114	0.111	0.109	-2.4%
Steam Coal	0.142	0.141	0.141	0.141	0.141	0.141	0.141	0.140	0.140	0.140	0.140	0.0%
Net Coal Coke Imports	0.006	0.006	0.006	0.006	0.007	0.007	0.006	0.007	0.007	0.007	0.007	4.0%
Coal Subtotal	0.286	0.282	0.279	0.276	0.273	0.270	0.267	0.264	0.261	0.258	0.255	-1.1%
Renewable Energy 13/	0.185	0.184	0.185	0.185	0.186	0.187	0.187	0.188	0.188	0.189	0.189	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	N/A
Electricity	1.428	1.439	1.453	1.468	1.482	1.497	1.509	1.526	1.544	1.562	1.578	1.2%
Delivered Energy	9.017	9.071	9.132	9.194	9.252	9.312	9.363	9.425	9.496	9.574	9.640	0.8%
Electricity Related Losses	3.631	3.646	3.678	3.719	3.727	3.797	3.834	3.872	3.937	3.978	4.026	1.5%
Total	12.648	12.717	12.809	12.913	12.980	13.109	13.197	13.296	13.433	13.552	13.666	1.0%
Electric Power 14/												
Distillate Fuel	0.056	0.056	0.059	0.061	0.062	0.063	0.064	0.066	0.067	0.067	0.068	-0.3%
Residual Fuel	0.193	0.193	0.194	0.238	0.254	0.254	0.254	0.253	0.253	0.254	0.254	1.3%
Petroleum Subtotal	0.249	0.249	0.253	0.299	0.316	0.316	0.318	0.319	0.320	0.321	0.322	0.9%
Natural Gas	0.893	0.919	0.962	0.973	0.970	1.036	1.027	1.012	1.011	1.022	1.018	4.0%
Steam Coal	1.808	1.810	1.814	1.816	1.826	1.839	1.896	1.964	2.042	2.118	2.180	1.7%
Nuclear Power	1.580	1.580	1.599	1.599	1.599	1.599	1.599	1.599	1.599	1.599	1.599	0.3%
Renewable Energy/Other 15/	0.442	0.442	0.442	0.442	0.442	0.442	0.442	0.442	0.442	0.441	0.441	0.7%
Electricity Imports	0.086	0.085	0.062	0.058	0.056	0.062	0.062	0.062	0.067	0.039	0.045	4.1%
Total	5.059	5.085	5.131	5.187	5.209	5.294	5.343	5.397	5.480	5.540	5.604	1.4%
Total Energy Consumption												
Distillate Fuel	1.323	1.332	1.343	1.355	1.366	1.376	1.384	1.394	1.406	1.418	1.427	0.8%
Kerosene	0.051	0.051	0.051	0.051	0.051	0.051	0.051	0.051	0.051	0.051	0.050	1.0%
Jet Fuel 9/	0.485	0.489	0.495	0.500	0.506	0.510	0.512	0.514	0.516	0.518	0.519	1.6%
Liquefied Petroleum Gas	0.095	0.096	0.097	0.099	0.100	0.102	0.103	0.104	0.105	0.107	0.108	1.3%
Motor Gasoline 2/	2.256	2.281	2.305	2.328	2.351	2.372	2.395	2.420	2.448	2.478	2.510	1.3%
Petrochemical Feedstocks	0.151	0.150	0.149	0.148	0.145	0.142	0.140	0.138	0.137	0.135	0.133	-0.2%
Residual Fuel	0.362	0.361	0.362	0.406	0.422	0.421	0.422	0.421	0.421	0.421	0.422	0.6%
Other Petroleum 12/	0.506	0.507	0.508	0.510	0.513	0.515	0.519	0.519	0.520	0.520	0.521	0.3%
Petroleum Subtotal	5.229	5.266	5.311	5.397	5.453	5.489	5.526	5.562	5.604	5.648	5.690	1.0%
Natural Gas	2.978	3.013	3.064	3.084	3.089	3.166	3.164	3.161	3.176	3.204	3.213	1.3%

Table 2. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) Middle Atlantic

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2003-2025
Lease and Plant Fuel 6/	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.4%
Pipeline Natural Gas	0.047	0.047	0.047	0.048	0.047	0.047	0.047	0.047	0.047	0.047	0.047	0.1%
Natural Gas Subtotal	3.032	3.067	3.119	3.140	3.144	3.221	3.219	3.216	3.230	3.260	3.268	1.3%
Metallurgical Coal	0.138	0.135	0.132	0.128	0.125	0.122	0.120	0.117	0.114	0.111	0.109	-2.4%
Steam Coal	1.950	1.952	1.955	1.957	1.967	1.980	2.037	2.104	2.183	2.258	2.320	1.5%
Net Coal Coke Imports	0.006	0.006	0.006	0.006	0.007	0.007	0.006	0.007	0.007	0.007	0.007	4.0%
Coal Subtotal	2.094	2.093	2.093	2.092	2.099	2.109	2.163	2.228	2.303	2.376	2.435	1.3%
Nuclear Power	1.580	1.580	1.599	1.599	1.599	1.599	1.599	1.599	1.599	1.599	1.599	0.3%
Renewable Energy 16/	0.627	0.627	0.626	0.627	0.628	0.629	0.629	0.629	0.629	0.630	0.629	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	N/A
Electricity Imports	0.086	0.085	0.062	0.058	0.056	0.062	0.062	0.062	0.067	0.039	0.045	4.1%
Total	12.648	12.717	12.809	12.913	12.980	13.109	13.197	13.296	13.433	13.552	13.666	1.0%
Energy Use & Related Statistics												
Delivered Energy Use	9.017	9.071	9.132	9.194	9.252	9.312	9.363	9.425	9.496	9.574	9.640	0.8%
Total Energy Use	12.648	12.717	12.809	12.913	12.980	13.109	13.197	13.296	13.433	13.552	13.666	1.0%
Population (millions)	42.161	42.329	42.498	42.669	42.841	43.015	43.192	43.374	43.561	43.754	43.951	0.4%

Table 2. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) Middle Atlantic

1/ Includes wood used for residential heating. See Table A18 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 the field gathering and processing plant machinery.

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

8/ Diesel fuel containing 500 parts per million (ppm) or 15 ppm sulfur.

9/ Includes only kerosene type.

10/ Includes aviation gasoline and lubricants.

11/ 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 actually varies seasonally. The annual average ethanol content of 74 percent is used for this forecast.

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 (CHP) 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, municipal solid waste, other biomass, petroleum coke, wind, photovoltaic and solar thermal sources. Excludes net electricity imports.

16/ Includes hydroelectric, geothermal, wood and wood waste, 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.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Data for 2002 and 2003 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: 2002 and 2003 consumption based on: Energy Information Administration (EIA), Annual Energy Review 2003, DOE/EIA-0384(2003) (Washington, DC, September 2004). 2002 and 2003 population and gross domestic product: Global Insight macroeconomic model T250804. 2002 and 2003 carbon dioxide emissions: EIA, Emissions of Greenhouse Gases in the United States 2003, DOE/EIA-0573(2003) (Washington, DC, December 2004). Projections: EIA, AEO2005 National Energy Modeling System run aeo2005.d102004a.

Table 3. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) East North Central

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	
Energy Consumption														
Residential														
Distillate Fuel	0.058	0.059	0.055	0.054	0.054	0.054	0.054	0.054	0.054	0.054	0.053	0.053	0.052	
Kerosene	0.003	0.004	0.004	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	
Liquefied Petroleum Gas	0.134	0.131	0.134	0.123	0.125	0.129	0.132	0.134	0.136	0.138	0.140	0.141	0.143	
Petroleum Subtotal	0.195	0.193	0.194	0.182	0.184	0.188	0.191	0.193	0.195	0.197	0.198	0.199	0.200	
Natural Gas	1.452	1.521	1.439	1.443	1.449	1.472	1.502	1.524	1.546	1.563	1.577	1.577	1.578	
Coal	0.002	0.003	0.003	0.003	0.003	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002	
Renewable Energy 1/ Electricity	0.073 0.630	0.077 0.623	0.074 0.625	0.074 0.656	0.074 0.665	0.074 0.676	0.074 0.690	0.074 0.699	0.074 0.708	0.074 0.715	0.074 0.724	0.074 0.729	0.074 0.736	
Delivered Energy	2.352	2.417	2.334	2.358	2.374	2.412	2.459	2.492	2.525	2.552	2.577	2.582	2.590	
Electricity Related Losses	1.437	1.471	1.625	1.655	1.650	1.687	1.719	1.738	1.742	1.756	1.766	1.775	1.778	
Total	3.788	3.888	3.960	4.013	4.024	4.099	4.178	4.230	4.267	4.307	4.343	4.357	4.369	
Commercial														
Distillate Fuel	0.050	0.054	0.057	0.060	0.064	0.068	0.073	0.077	0.080	0.082	0.084	0.087	0.090	
Residual Fuel	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	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	
Liquefied Petroleum Gas	0.022	0.022	0.022	0.022	0.022	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	
Motor Gasoline 2/ Petroleum Subtotal	0.007 0.082	0.007 0.086	0.006 0.088	0.006 0.091	0.007 0.096	0.007 0.101	0.007 0.105	0.007 0.110	0.006 0.112	0.007 0.115	0.007 0.117	0.007 0.120	0.007 0.123	
Natural Gas	0.727	0.739	0.723	0.716	0.726	0.742	0.759	0.773	0.786	0.796	0.804	0.810	0.815	
Coal	0.020	0.021	0.021	0.021	0.021	0.021	0.020	0.020	0.020	0.020	0.020	0.020	0.020	
Renewable Energy 3/ Electricity	0.018 0.625	0.018 0.610	0.018 0.617	0.018 0.642	0.018 0.658	0.018 0.676	0.018 0.695	0.018 0.712	0.018 0.727	0.018 0.742	0.018 0.756	0.018 0.770	0.018 0.783	
Delivered Energy	1.471	1.474	1.467	1.488	1.518	1.558	1.598	1.633	1.664	1.691	1.715	1.738	1.759	
Electricity Related Losses	1.426	1.442	1.603	1.619	1.633	1.687	1.731	1.769	1.789	1.821	1.844	1.874	1.892	
Total	2.897	2.917	3.070	3.107	3.151	3.244	3.329	3.402	3.453	3.513	3.560	3.612	3.651	
Industrial 4/														
Distillate Fuel	0.146	0.148	0.147	0.149	0.149	0.149	0.150	0.150	0.150	0.150	0.150	0.150	0.151	
Liquefied Petroleum Gas	0.093	0.089	0.091	0.092	0.089	0.089	0.090	0.091	0.091	0.092	0.092	0.093	0.094	
Petrochemical Feedstocks	0.187	0.201	0.196	0.206	0.206	0.207	0.213	0.217	0.220	0.221	0.222	0.221	0.222	
Residual Fuel	0.014	0.015	0.015	0.015	0.028	0.028	0.028	0.029	0.029	0.029	0.029	0.029	0.029	
Motor Gasoline 2/ Other Petroleum 5/ Petroleum Subtotal	0.043 0.652 1.135	0.043 0.628 1.124	0.044 0.650 1.143	0.043 0.646 1.151	0.043 0.703 1.218	0.043 0.697 1.213	0.043 0.697 1.221	0.043 0.703 1.221	0.043 0.696 1.233	0.044 0.694 1.229	0.044 0.694 1.230	0.044 0.686 1.223	0.044 0.680 1.218	0.045 0.679 1.219
Natural Gas	1.252	1.180	1.198	1.223	1.228	1.242	1.268	1.288	1.315	1.333	1.345	1.352	1.364	
Lease and Plant Fuel 6/ Natural Gas Subtotal	0.018 1.270	0.018 1.198	0.011 1.209	0.011 1.234	0.010 1.238	0.010 1.252	0.010 1.278	0.010 1.298	0.010 1.325	0.011 1.344	0.011 1.356	0.011 1.363	0.011 1.374	
Metallurgical Coal	0.323	0.331	0.346	0.327	0.315	0.304	0.294	0.283	0.271	0.264	0.256	0.249	0.242	
Steam Coal	0.332	0.338	0.339	0.343	0.336	0.337	0.339	0.339	0.340	0.340	0.339	0.339	0.338	
Net Coal Coke Imports	0.045	0.038	0.081	0.061	0.050	0.044	0.042	0.039	0.032	0.031	0.030	0.027	0.025	
Coal Subtotal	0.701	0.707	0.766	0.731	0.701	0.685	0.674	0.661	0.643	0.635	0.625	0.615	0.606	
Renewable Energy 7/ Electricity	0.214 0.699	0.213 0.689	0.231 0.719	0.238 0.738	0.241 0.743	0.245 0.750	0.250 0.764	0.255 0.779	0.258 0.786	0.261 0.793	0.265 0.800	0.268 0.804	0.272 0.813	
Delivered Energy	4.019	3.931	4.068	4.092	4.140	4.144	4.187	4.225	4.241	4.263	4.269	4.267	4.284	
Electricity Related Losses	1.593	1.628	1.869	1.862	1.843	1.871	1.904	1.935	1.933	1.947	1.950	1.956	1.962	
Total	5.612	5.559	5.937	5.954	5.983	6.015	6.091	6.160	6.174	6.210	6.218	6.223	6.247	
Transportation														
Distillate Fuel 8/ Jet Fuel 9/ Motor Gasoline 2/ Residual Fuel	0.795 0.320 2.605 0.003	0.812 0.312 2.631 0.003	0.853 0.328 2.682 0.003	0.883 0.335 2.707 0.003	0.897 0.343 2.735 0.003	0.916 0.352 2.777 0.003	0.942 0.357 2.821 0.003	0.966 0.364 2.865 0.003	0.982 0.374 2.903 0.003	0.998 0.383 2.935 0.003	1.012 0.389 2.968 0.003	1.024 0.393 3.000 0.003	1.040 0.398 3.033 0.003	1.040 0.398 3.033 0.003
Liquefied Petroleum Gas	0.003	0.004	0.004	0.006	0.007	0.007	0.008	0.008	0.009	0.009	0.009	0.010	0.010	

Table 3. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) East North Central

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Other Petroleum 10/ Petroleum Subtotal	0.030 3.756	0.034 3.795	0.034 3.903	0.034 3.968	0.034 4.019	0.034 4.088	0.034 4.165	0.034 4.240	0.034 4.305	0.034 4.362	0.035 4.415	0.035 4.464	0.035 4.518
Pipeline Fuel Natural Gas	0.068	0.064	0.068	0.067	0.065	0.065	0.065	0.066	0.066	0.066	0.067	0.067	0.067
Compressed Natural Gas	0.002	0.003	0.004	0.005	0.005	0.006	0.007	0.007	0.008	0.008	0.009	0.010	0.010
Renewable Energy (E85) 11/ 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 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000
Electricity	0.012	0.012	0.012	0.013	0.013	0.013	0.013	0.013	0.014	0.014	0.014	0.014	0.014
Delivered Energy	3.838	3.875	3.987	4.052	4.103	4.172	4.250	4.327	4.392	4.451	4.505	4.555	4.610
Electricity Related Losses	0.027	0.029	0.032	0.032	0.032	0.032	0.033	0.033	0.033	0.034	0.034	0.034	0.035
Total	3.866	3.904	4.019	4.084	4.135	4.205	4.283	4.360	4.426	4.485	4.539	4.590	4.645
Delivered Energy Consumption, All Sectors													
Distillate Fuel	1.048	1.073	1.113	1.146	1.164	1.188	1.219	1.247	1.265	1.283	1.299	1.314	1.333
Kerosene	0.005	0.007	0.007	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
Jet Fuel 9/	0.320	0.312	0.328	0.335	0.343	0.352	0.357	0.364	0.374	0.383	0.389	0.393	0.398
Liquefied Petroleum Gas	0.253	0.246	0.251	0.243	0.243	0.247	0.252	0.256	0.258	0.261	0.264	0.266	0.269
Motor Gasoline 2/	2.655	2.681	2.732	2.757	2.785	2.826	2.871	2.916	2.953	2.986	3.019	3.051	3.085
Petrochemical Feedstocks	0.187	0.201	0.196	0.206	0.206	0.207	0.213	0.217	0.220	0.221	0.222	0.221	0.222
Residual Fuel	0.020	0.020	0.019	0.019	0.032	0.033	0.033	0.033	0.034	0.034	0.034	0.034	0.034
Other Petroleum 12/ Petroleum Subtotal	0.680 5.168	0.660 5.198	0.682 5.328	0.678 5.392	0.735 5.516	0.729 5.590	0.729 5.682	0.735 5.775	0.729 5.841	0.727 5.904	0.719 5.954	0.713 6.001	0.712 6.060
Natural Gas	3.433	3.443	3.364	3.386	3.408	3.461	3.536	3.592	3.654	3.701	3.735	3.749	3.766
Lease and Plant Fuel 6/ Pipeline Natural Gas	0.018 0.068	0.018 0.064	0.011 0.068	0.011 0.067	0.010 0.065	0.010 0.065	0.010 0.065	0.010 0.066	0.010 0.066	0.011 0.066	0.011 0.067	0.011 0.067	0.011 0.067
Natural Gas Subtotal	3.518	3.526	3.442	3.464	3.483	3.535	3.611	3.667	3.730	3.778	3.812	3.827	3.844
Metallurgical Coal	0.323	0.331	0.346	0.327	0.315	0.304	0.294	0.283	0.271	0.264	0.256	0.249	0.242
Steam Coal	0.354	0.362	0.362	0.367	0.359	0.360	0.361	0.362	0.363	0.363	0.362	0.361	0.361
Net Coal Coke Imports	0.045	0.038	0.081	0.061	0.050	0.044	0.042	0.039	0.032	0.031	0.030	0.027	0.025
Coal Subtotal	0.723	0.730	0.789	0.754	0.724	0.708	0.697	0.684	0.666	0.658	0.648	0.638	0.629
Renewable Energy 13/ Liquid Hydrogen	0.305 0.000	0.308 0.000	0.323 0.000	0.331 0.000	0.333 0.000	0.337 0.000	0.342 0.000	0.347 0.000	0.350 0.000	0.354 0.000	0.357 0.000	0.360 0.000	0.365 0.000
Electricity	1.966	1.935	1.974	2.049	2.079	2.116	2.162	2.203	2.235	2.265	2.294	2.317	2.347
Delivered Energy	11.680	11.697	11.856	11.990	12.136	12.286	12.494	12.676	12.822	12.957	13.066	13.143	13.244
Electricity Related Losses	4.483	4.571	5.130	5.168	5.157	5.277	5.387	5.475	5.498	5.558	5.594	5.639	5.668
Total	16.163	16.268	16.986	17.158	17.293	17.563	17.880	18.151	18.320	18.515	18.660	18.782	18.912
Electric Power 14/													
Distillate Fuel	0.026	0.034	0.041	0.042	0.042	0.043	0.044	0.045	0.045	0.045	0.046	0.047	0.048
Residual Fuel	0.001	0.003	0.005	0.005	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
Petroleum Subtotal	0.027	0.037	0.046	0.047	0.044	0.046	0.047	0.048	0.048	0.048	0.050	0.050	0.050
Natural Gas	0.313	0.204	0.386	0.391	0.386	0.384	0.397	0.437	0.469	0.519	0.523	0.550	0.583
Steam Coal	4.488	4.691	4.940	5.077	5.098	5.246	5.380	5.465	5.491	5.545	5.609	5.641	5.666
Nuclear Power	1.529	1.490	1.645	1.612	1.618	1.619	1.628	1.629	1.630	1.631	1.632	1.633	1.633
Renewable Energy/Other 15/ Electricity Imports	0.094 -0.003	0.096 -0.013	0.098 -0.011	0.103 -0.013	0.109 -0.019	0.112 -0.013	0.114 -0.017	0.119 -0.020	0.120 -0.026	0.122 -0.044	0.124 -0.049	0.128 -0.045	0.130 -0.048
Total	6.449	6.505	7.104	7.217	7.236	7.393	7.549	7.678	7.733	7.822	7.888	7.957	8.014
Total Energy Consumption													
Distillate Fuel	1.075	1.107	1.153	1.188	1.206	1.231	1.263	1.292	1.310	1.329	1.346	1.361	1.381
Kerosene	0.005	0.007	0.007	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
Jet Fuel 9/	0.320	0.312	0.328	0.335	0.343	0.352	0.357	0.364	0.374	0.383	0.389	0.393	0.398
Liquefied Petroleum Gas	0.253	0.246	0.251	0.243	0.243	0.247	0.252	0.256	0.258	0.261	0.264	0.266	0.269
Motor Gasoline 2/	2.655	2.681	2.732	2.757	2.785	2.826	2.871	2.916	2.953	2.986	3.019	3.051	3.085
Petrochemical Feedstocks	0.187	0.201	0.196	0.206	0.206	0.207	0.213	0.217	0.220	0.221	0.222	0.221	0.222
Residual Fuel	0.021	0.022	0.024	0.024	0.035	0.035	0.035	0.036	0.037	0.037	0.037	0.037	0.037
Other Petroleum 12/ Petroleum Subtotal	0.680 5.196	0.660 5.235	0.682 5.373	0.678 5.438	0.735 5.561	0.729 5.636	0.729 5.728	0.735 5.823	0.729 5.889	0.727 5.952	0.719 6.004	0.713 6.051	0.712 6.111
Natural Gas	3.746	3.647	3.750	3.777	3.793	3.846	3.933	4.029	4.124	4.220	4.259	4.299	4.350

Table 3. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) East North Central

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Lease and Plant Fuel 6/	0.018	0.018	0.011	0.011	0.010	0.010	0.010	0.010	0.010	0.011	0.011	0.011	0.011
Pipeline Natural Gas	0.068	0.064	0.068	0.067	0.065	0.065	0.065	0.066	0.066	0.066	0.067	0.067	0.067
Natural Gas Subtotal	3.832	3.730	3.829	3.855	3.869	3.920	4.008	4.104	4.200	4.297	4.336	4.377	4.427
Metallurgical Coal	0.323	0.331	0.346	0.327	0.315	0.304	0.294	0.283	0.271	0.264	0.256	0.249	0.242
Steam Coal	4.842	5.052	5.302	5.443	5.457	5.605	5.742	5.827	5.853	5.908	5.971	6.002	6.027
Net Coal Coke Imports	0.045	0.038	0.081	0.061	0.050	0.044	0.042	0.039	0.032	0.031	0.030	0.027	0.025
Coal Subtotal	5.210	5.421	5.729	5.831	5.823	5.953	6.077	6.149	6.157	6.203	6.257	6.278	6.295
Nuclear Power	1.529	1.490	1.645	1.612	1.618	1.619	1.628	1.629	1.630	1.631	1.632	1.633	1.633
Renewable Energy 16/	0.399	0.405	0.421	0.434	0.442	0.448	0.456	0.466	0.470	0.476	0.481	0.488	0.494
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
Electricity Imports	-0.003	-0.013	-0.011	-0.013	-0.019	-0.013	-0.017	-0.020	-0.026	-0.044	-0.049	-0.045	-0.048
Total	16.163	16.268	16.986	17.158	17.293	17.563	17.880	18.151	18.320	18.515	18.660	18.782	18.912
Energy Use & Related Statistics													
Delivered Energy Use	11.680	11.697	11.856	11.990	12.136	12.286	12.494	12.676	12.822	12.957	13.066	13.143	13.244
Total Energy Use	16.163	16.268	16.986	17.158	17.293	17.563	17.880	18.151	18.320	18.515	18.660	18.782	18.912
Population (millions)	45.734	45.928	46.116	46.298	46.475	46.648	46.814	46.981	47.146	47.309	47.472	47.634	47.795

Table 3. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) East North Central

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2003-2025
Energy Consumption												
Residential												
Distillate Fuel	0.051	0.050	0.048	0.047	0.046	0.044	0.043	0.041	0.040	0.038	0.036	-2.1%
Kerosene	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	1.8%
Liquefied Petroleum Gas	0.144	0.146	0.147	0.148	0.149	0.150	0.151	0.151	0.152	0.154	0.154	0.8%
Petroleum Subtotal	0.200	0.201	0.200	0.200	0.200	0.200	0.199	0.198	0.197	0.197	0.196	0.1%
Natural Gas	1.576	1.578	1.574	1.571	1.566	1.564	1.554	1.551	1.550	1.553	1.547	0.1%
Coal	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	-1.0%
Renewable Energy 1/	0.074	0.074	0.074	0.074	0.073	0.073	0.073	0.072	0.072	0.072	0.072	-0.3%
Electricity	0.744	0.753	0.759	0.766	0.773	0.782	0.787	0.795	0.804	0.814	0.821	1.3%
Delivered Energy	2.596	2.609	2.609	2.614	2.614	2.621	2.615	2.619	2.625	2.639	2.638	0.4%
Electricity Related Losses	1.779	1.791	1.808	1.809	1.813	1.804	1.793	1.782	1.780	1.793	1.800	0.9%
Total	4.375	4.400	4.417	4.423	4.428	4.425	4.408	4.401	4.405	4.432	4.438	0.6%
Commercial												
Distillate Fuel	0.093	0.096	0.099	0.102	0.105	0.108	0.111	0.114	0.117	0.120	0.123	3.8%
Residual Fuel	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	-0.5%
Kerosene	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	1.3%
Liquefied Petroleum Gas	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.024	0.024	0.024	0.024	0.4%
Motor Gasoline 2/	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.0%
Petroleum Subtotal	0.126	0.129	0.132	0.135	0.138	0.141	0.144	0.147	0.151	0.154	0.158	2.8%
Natural Gas	0.819	0.827	0.835	0.843	0.849	0.855	0.862	0.870	0.880	0.890	0.901	0.9%
Coal	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	-0.1%
Renewable Energy 3/	0.018	0.018	0.018	0.018	0.018	0.018	0.018	0.018	0.018	0.018	0.018	0.0%
Electricity	0.798	0.813	0.830	0.845	0.860	0.876	0.893	0.911	0.929	0.948	0.967	2.1%
Delivered Energy	1.782	1.808	1.836	1.862	1.886	1.911	1.937	1.967	1.998	2.031	2.064	1.5%
Electricity Related Losses	1.908	1.935	1.977	1.995	2.018	2.022	2.034	2.041	2.058	2.089	2.122	1.8%
Total	3.690	3.743	3.813	3.857	3.905	3.932	3.972	4.008	4.056	4.120	4.186	1.7%
Industrial 4/												
Distillate Fuel	0.153	0.153	0.154	0.156	0.157	0.158	0.159	0.161	0.162	0.163	0.165	0.5%
Liquefied Petroleum Gas	0.094	0.094	0.095	0.096	0.096	0.097	0.098	0.098	0.099	0.100	0.101	0.5%
Petrochemical Feedstocks	0.221	0.219	0.220	0.221	0.221	0.221	0.221	0.221	0.221	0.220	0.219	0.4%
Residual Fuel	0.030	0.030	0.030	0.031	0.031	0.031	0.031	0.031	0.031	0.031	0.032	3.6%
Motor Gasoline 2/	0.045	0.046	0.046	0.046	0.047	0.047	0.048	0.048	0.049	0.050	0.050	0.7%
Other Petroleum 5/	0.687	0.697	0.701	0.716	0.726	0.732	0.738	0.740	0.745	0.758	0.777	1.0%
Petroleum Subtotal	1.229	1.239	1.246	1.266	1.279	1.287	1.295	1.300	1.307	1.322	1.343	0.8%
Natural Gas	1.365	1.372	1.387	1.403	1.417	1.428	1.438	1.451	1.466	1.475	1.485	1.1%
Lease and Plant Fuel 6/	0.011	0.010	0.010	0.011	0.011	0.011	0.011	0.010	0.010	0.010	0.010	-2.7%
Natural Gas Subtotal	1.376	1.382	1.398	1.414	1.428	1.439	1.448	1.462	1.476	1.485	1.495	1.0%
Metallurgical Coal	0.235	0.229	0.223	0.216	0.210	0.204	0.199	0.193	0.188	0.183	0.178	-2.8%
Steam Coal	0.338	0.337	0.337	0.337	0.337	0.336	0.336	0.335	0.335	0.335	0.334	-0.1%
Net Coal Coke Imports	0.024	0.022	0.021	0.020	0.018	0.017	0.014	0.013	0.012	0.010	0.009	-6.4%
Coal Subtotal	0.597	0.588	0.580	0.573	0.565	0.557	0.549	0.542	0.535	0.528	0.521	-1.4%
Renewable Energy 7/	0.275	0.277	0.282	0.286	0.291	0.295	0.299	0.303	0.306	0.309	0.312	1.7%
Electricity	0.819	0.822	0.830	0.840	0.850	0.856	0.861	0.866	0.873	0.878	0.883	1.1%
Delivered Energy	4.295	4.308	4.336	4.379	4.413	4.435	4.453	4.472	4.496	4.522	4.554	0.7%
Electricity Related Losses	1.957	1.954	1.976	1.985	1.994	1.976	1.962	1.941	1.933	1.934	1.938	0.8%
Total	6.253	6.262	6.312	6.364	6.407	6.411	6.414	6.413	6.429	6.456	6.492	0.7%
Transportation												
Distillate Fuel 8/	1.051	1.060	1.074	1.088	1.100	1.112	1.121	1.132	1.146	1.159	1.171	1.7%
Jet Fuel 9/	0.401	0.404	0.407	0.410	0.413	0.415	0.416	0.416	0.416	0.416	0.415	1.3%
Motor Gasoline 2/	3.064	3.091	3.119	3.144	3.168	3.191	3.216	3.243	3.273	3.307	3.343	1.1%
Residual Fuel	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	-1.0%
Liquefied Petroleum Gas	0.010	0.011	0.011	0.011	0.011	0.012	0.012	0.012	0.012	0.012	0.012	5.3%

Table 3. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) East North Central

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2003-2025
Other Petroleum 10/ Petroleum Subtotal	0.035 4.565	0.035 4.603	0.036 4.649	0.036 4.692	0.036 4.732	0.037 4.769	0.037 4.804	0.037 4.843	0.038 4.887	0.038 4.935	0.039 4.983	0.6% 1.2%
Pipeline Fuel Natural Gas	0.067	0.067	0.068	0.069	0.070	0.069	0.070	0.070	0.070	0.071	0.072	0.5%
Compressed Natural Gas	0.010	0.011	0.011	0.011	0.012	0.012	0.012	0.012	0.012	0.013	0.013	6.4%
Renewable Energy (E85) 11/ Liquid Hydrogen	0.000 0.000	0.000 0.000	0.000 0.000	0.001 0.000	0.001 0.000	0.001 0.000	0.001 0.000	0.001 0.000	0.001 0.000	0.001 0.000	0.001 0.000	6.1% N/A
Electricity	0.015	0.015	0.015	0.015	0.015	0.016	0.016	0.016	0.016	0.017	0.017	1.5%
Delivered Energy	4.657	4.697	4.744	4.788	4.829	4.866	4.902	4.942	4.987	5.036	5.085	1.2%
Electricity Related Losses	0.035	0.035	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.037	0.037	1.1%
Total	4.692	4.732	4.780	4.824	4.866	4.903	4.939	4.978	5.023	5.073	5.122	1.2%
Delivered Energy Consumption, All Sectors												
Distillate Fuel	1.348	1.359	1.376	1.393	1.408	1.422	1.434	1.448	1.465	1.481	1.496	1.5%
Kerosene	0.008	0.008	0.008	0.008	0.009	0.009	0.009	0.009	0.009	0.009	0.009	1.3%
Jet Fuel 9/	0.401	0.404	0.407	0.410	0.413	0.415	0.416	0.416	0.416	0.416	0.415	1.3%
Liquefied Petroleum Gas	0.272	0.274	0.276	0.278	0.280	0.282	0.284	0.285	0.287	0.289	0.291	0.8%
Motor Gasoline 2/	3.116	3.144	3.172	3.197	3.222	3.245	3.270	3.298	3.329	3.364	3.400	1.1%
Petrochemical Feedstocks	0.221	0.219	0.220	0.221	0.221	0.221	0.221	0.221	0.221	0.220	0.219	0.4%
Residual Fuel	0.034	0.034	0.035	0.035	0.036	0.036	0.036	0.036	0.035	0.036	0.036	2.8%
Other Petroleum 12/ Petroleum Subtotal	0.720 6.120	0.731 6.172	0.734 6.228	0.750 6.293	0.761 6.349	0.767 6.397	0.773 6.442	0.776 6.488	0.781 6.542	0.794 6.608	0.813 6.679	1.0% 1.1%
Natural Gas	3.771	3.787	3.808	3.829	3.844	3.859	3.866	3.885	3.908	3.931	3.945	0.6%
Lease and Plant Fuel 6/ Pipeline Natural Gas	0.011 0.067	0.010 0.067	0.010 0.068	0.011 0.069	0.011 0.070	0.011 0.069	0.011 0.070	0.010 0.070	0.010 0.070	0.010 0.071	0.010 0.072	-2.7% 0.5%
Natural Gas Subtotal	3.849	3.865	3.886	3.909	3.924	3.939	3.946	3.965	3.989	4.012	4.027	0.6%
Metallurgical Coal	0.235	0.229	0.223	0.216	0.210	0.204	0.199	0.193	0.188	0.183	0.178	-2.8%
Steam Coal	0.360	0.360	0.360	0.359	0.359	0.359	0.358	0.358	0.357	0.357	0.357	-0.1%
Net Coal Coke Imports	0.024	0.022	0.021	0.020	0.018	0.017	0.014	0.013	0.012	0.010	0.009	-6.4%
Coal Subtotal	0.619	0.611	0.603	0.595	0.587	0.580	0.571	0.564	0.557	0.550	0.543	-1.3%
Renewable Energy 13/ Liquid Hydrogen	0.368 0.000	0.370 0.000	0.374 0.000	0.379 0.000	0.383 0.000	0.387 0.000	0.391 0.000	0.394 0.000	0.397 0.000	0.400 0.000	0.402 0.000	1.2% N/A
Electricity	2.375	2.403	2.433	2.466	2.498	2.530	2.557	2.589	2.622	2.658	2.688	1.5%
Delivered Energy	13.331	13.421	13.524	13.643	13.742	13.834	13.907	13.999	14.107	14.228	14.341	0.9%
Electricity Related Losses	5.679	5.715	5.797	5.825	5.862	5.837	5.825	5.800	5.807	5.853	5.897	1.2%
Total	19.010	19.136	19.321	19.468	19.605	19.671	19.732	19.800	19.914	20.081	20.238	1.0%
Electric Power 14/												
Distillate Fuel	0.048	0.048	0.048	0.048	0.048	0.048	0.048	0.048	0.048	0.048	0.048	1.5%
Residual Fuel	0.003	0.003	0.003	0.003	0.008	0.008	0.008	0.008	0.008	0.008	0.008	5.1%
Petroleum Subtotal	0.051	0.050	0.051	0.051	0.056	0.056	0.056	0.056	0.055	0.055	0.056	1.9%
Natural Gas	0.623	0.659	0.728	0.774	0.821	0.834	0.855	0.874	0.923	0.972	1.020	7.6%
Steam Coal	5.678	5.684	5.711	5.722	5.737	5.732	5.724	5.713	5.717	5.726	5.751	0.9%
Nuclear Power	1.633	1.654	1.654	1.654	1.654	1.654	1.654	1.654	1.654	1.654	1.654	0.5%
Renewable Energy/Other 15/ Electricity Imports	0.129 -0.059	0.129 -0.058	0.129 -0.043	0.131 -0.040	0.131 -0.039	0.134 -0.043	0.135 -0.043	0.134 -0.043	0.125 -0.046	0.130 -0.027	0.136 -0.031	1.6% 4.1%
Total	8.054	8.118	8.230	8.292	8.360	8.368	8.382	8.389	8.429	8.511	8.586	1.3%
Total Energy Consumption												
Distillate Fuel	1.396	1.406	1.423	1.440	1.456	1.471	1.482	1.496	1.512	1.529	1.544	1.5%
Kerosene	0.008	0.008	0.008	0.008	0.009	0.009	0.009	0.009	0.009	0.009	0.009	1.3%
Jet Fuel 9/	0.401	0.404	0.407	0.410	0.413	0.415	0.416	0.416	0.416	0.416	0.415	1.3%
Liquefied Petroleum Gas	0.272	0.274	0.276	0.278	0.280	0.282	0.284	0.285	0.287	0.289	0.291	0.8%
Motor Gasoline 2/	3.116	3.144	3.172	3.197	3.222	3.245	3.270	3.298	3.329	3.364	3.400	1.1%
Petrochemical Feedstocks	0.221	0.219	0.220	0.221	0.221	0.221	0.221	0.221	0.221	0.220	0.219	0.4%
Residual Fuel	0.037	0.037	0.038	0.038	0.043	0.043	0.043	0.043	0.043	0.043	0.044	3.1%
Other Petroleum 12/ Petroleum Subtotal	0.720 6.170	0.731 6.222	0.734 6.278	0.750 6.344	0.761 6.405	0.767 6.453	0.773 6.498	0.776 6.543	0.781 6.597	0.794 6.664	0.813 6.735	1.0% 1.2%
Natural Gas	4.394	4.446	4.536	4.603	4.665	4.693	4.721	4.759	4.832	4.903	4.966	1.4%

Table 3. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) East North Central

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2003-2025
Lease and Plant Fuel 6/	0.011	0.010	0.010	0.011	0.011	0.011	0.011	0.010	0.010	0.010	0.010	-2.7%
Pipeline Natural Gas	0.067	0.067	0.068	0.069	0.070	0.069	0.070	0.070	0.070	0.071	0.072	0.5%
Natural Gas Subtotal	4.472	4.524	4.615	4.683	4.745	4.774	4.802	4.839	4.912	4.984	5.047	1.4%
Metallurgical Coal	0.235	0.229	0.223	0.216	0.210	0.204	0.199	0.193	0.188	0.183	0.178	-2.8%
Steam Coal	6.038	6.044	6.070	6.082	6.096	6.090	6.082	6.071	6.074	6.083	6.108	0.9%
Net Coal Coke Imports	0.024	0.022	0.021	0.020	0.018	0.017	0.014	0.013	0.012	0.010	0.009	-6.4%
Coal Subtotal	6.297	6.295	6.313	6.318	6.324	6.312	6.295	6.277	6.274	6.276	6.294	0.7%
Nuclear Power	1.633	1.654	1.654	1.654	1.654	1.654	1.654	1.654	1.654	1.654	1.654	0.5%
Renewable Energy 16/	0.497	0.499	0.503	0.509	0.514	0.522	0.526	0.528	0.522	0.530	0.538	1.3%
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Electricity Imports	-0.059	-0.058	-0.043	-0.040	-0.039	-0.043	-0.043	-0.043	-0.046	-0.027	-0.031	4.1%
Total	19.010	19.136	19.321	19.468	19.605	19.671	19.732	19.800	19.914	20.081	20.238	1.0%
Energy Use & Related Statistics												
Delivered Energy Use	13.331	13.421	13.524	13.643	13.742	13.834	13.907	13.999	14.107	14.228	14.341	0.9%
Total Energy Use	19.010	19.136	19.321	19.468	19.605	19.671	19.732	19.800	19.914	20.081	20.238	1.0%
Population (millions)	47.955	48.112	48.267	48.419	48.569	48.717	48.865	49.015	49.166	49.318	49.473	0.3%

Table 3. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) East North Central

1/ Includes wood used for residential heating. See Table A18 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 the field gathering and processing plant machinery.

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

8/ Diesel fuel containing 500 parts per million (ppm) or 15 ppm sulfur.

9/ Includes only kerosene type.

10/ Includes aviation gasoline and lubricants.

11/ 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 actually varies seasonally. The annual average ethanol content of 74 percent is used for this forecast.

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 (CHP) 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, municipal solid waste, other biomass, petroleum coke, wind, photovoltaic and solar thermal sources. Excludes net electricity imports.

16/ Includes hydroelectric, geothermal, wood and wood waste, 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.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Data for 2002 and 2003 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: 2002 and 2003 consumption based on: Energy Information Administration (EIA), Annual Energy Review 2003, DOE/EIA-0384(2003) (Washington, DC, September 2004). 2002 and 2003 population and gross domestic product: Global Insight macroeconomic model T250804. 2002 and 2003 carbon dioxide emissions: EIA, Emissions of Greenhouse Gases in the United States 2003, DOE/EIA-0573(2003) (Washington, DC, December 2004). Projections: EIA, AEO2005 National Energy Modeling System run aeo2005.d102004a.

Table 4. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) West North Central

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	
Energy Consumption														
Residential														
Distillate Fuel	0.024	0.023	0.022	0.022	0.022	0.022	0.022	0.022	0.022	0.022	0.022	0.022	0.022	
Kerosene	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.002	
Liquefied Petroleum Gas	0.115	0.109	0.113	0.103	0.104	0.106	0.108	0.110	0.111	0.112	0.113	0.114	0.115	
Petroleum Subtotal	0.140	0.132	0.136	0.125	0.127	0.129	0.131	0.133	0.134	0.136	0.137	0.137	0.138	
Natural Gas	0.471	0.478	0.476	0.484	0.488	0.495	0.506	0.511	0.518	0.522	0.526	0.525	0.523	
Coal	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.001	0.001	0.001	
Renewable Energy 1/ Electricity	0.023 0.320	0.023 0.320	0.023 0.319	0.024 0.336	0.024 0.342	0.024 0.350	0.024 0.357	0.024 0.362	0.024 0.368	0.024 0.374	0.024 0.382	0.024 0.387	0.024 0.393	
Delivered Energy	0.955	0.955	0.956	0.971	0.982	0.999	1.019	1.032	1.045	1.057	1.070	1.074	1.080	
Electricity Related Losses	0.806	0.854	0.843	0.890	0.916	0.949	0.954	0.943	0.942	0.938	0.937	0.937	0.935	
Total	1.761	1.809	1.799	1.861	1.898	1.948	1.973	1.975	1.987	1.995	2.007	2.011	2.015	
Commercial														
Distillate Fuel	0.028	0.029	0.031	0.031	0.033	0.035	0.037	0.039	0.040	0.041	0.042	0.043	0.044	
Residual Fuel	0.002	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	
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	
Liquefied Petroleum Gas	0.017	0.016	0.016	0.016	0.016	0.017	0.017	0.016	0.016	0.017	0.017	0.017	0.017	
Motor Gasoline 2/ Petroleum Subtotal	0.007 0.055	0.007 0.056	0.007 0.056	0.007 0.056	0.007 0.058	0.007 0.061	0.007 0.063	0.007 0.065	0.007 0.066	0.007 0.067	0.007 0.068	0.007 0.069	0.007 0.070	
Natural Gas	0.301	0.298	0.297	0.291	0.294	0.298	0.304	0.308	0.313	0.316	0.318	0.320	0.321	
Coal	0.013	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014	
Renewable Energy 3/ Electricity	0.004 0.299	0.004 0.298	0.004 0.300	0.004 0.313	0.004 0.321	0.004 0.330	0.004 0.338	0.004 0.345	0.004 0.353	0.004 0.361	0.004 0.369	0.004 0.377	0.004 0.385	
Delivered Energy	0.671	0.670	0.672	0.679	0.691	0.707	0.723	0.737	0.749	0.762	0.773	0.784	0.793	
Electricity Related Losses	0.754	0.795	0.793	0.828	0.858	0.895	0.902	0.899	0.903	0.904	0.906	0.913	0.916	
Total	1.425	1.466	1.465	1.506	1.549	1.602	1.625	1.636	1.653	1.666	1.679	1.696	1.709	
Industrial 4/														
Distillate Fuel	0.142	0.144	0.143	0.144	0.145	0.145	0.146	0.146	0.146	0.146	0.146	0.146	0.147	
Liquefied Petroleum Gas	0.118	0.112	0.114	0.115	0.114	0.114	0.116	0.117	0.117	0.118	0.119	0.119	0.120	
Petrochemical Feedstocks	0.023	0.025	0.024	0.026	0.026	0.026	0.026	0.027	0.027	0.028	0.028	0.028	0.028	
Residual Fuel	0.008	0.010	0.010	0.010	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014	
Motor Gasoline 2/ Other Petroleum 5/ Petroleum Subtotal	0.040 0.251 0.582	0.040 0.242 0.573	0.041 0.250 0.582	0.040 0.247 0.583	0.040 0.264 0.602	0.040 0.261 0.600	0.040 0.261 0.603	0.040 0.263 0.607	0.040 0.263 0.605	0.041 0.260 0.606	0.041 0.258 0.605	0.041 0.256 0.604	0.042 0.256 0.607	
Natural Gas	0.428	0.410	0.421	0.429	0.443	0.448	0.456	0.463	0.474	0.480	0.484	0.488	0.493	
Lease and Plant Fuel 6/ Natural Gas Subtotal	0.041 0.469	0.041 0.451	0.040 0.461	0.041 0.470	0.040 0.483	0.039 0.487	0.039 0.496	0.041 0.504	0.042 0.516	0.044 0.524	0.047 0.530	0.048 0.536	0.048 0.541	
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	
Steam Coal	0.213	0.227	0.237	0.240	0.234	0.235	0.235	0.236	0.236	0.236	0.235	0.235	0.235	
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	0.213	0.227	0.237	0.240	0.234	0.235	0.235	0.236	0.236	0.236	0.235	0.235	0.235	
Renewable Energy 7/ Electricity	0.088 0.258	0.087 0.255	0.096 0.267	0.098 0.274	0.099 0.277	0.100 0.280	0.101 0.285	0.102 0.290	0.103 0.293	0.104 0.296	0.105 0.298	0.106 0.300	0.107 0.303	
Delivered Energy	1.610	1.593	1.644	1.665	1.695	1.701	1.720	1.739	1.753	1.766	1.774	1.780	1.794	
Electricity Related Losses	0.649	0.679	0.706	0.724	0.741	0.760	0.761	0.755	0.750	0.741	0.732	0.726	0.722	
Total	2.259	2.272	2.349	2.388	2.437	2.461	2.481	2.494	2.504	2.507	2.506	2.506	2.515	
Transportation														
Distillate Fuel 8/ Jet Fuel 9/ Motor Gasoline 2/ Residual Fuel	0.467 0.138 1.242 0.001	0.477 0.134 1.254 0.001	0.502 0.141 1.279 0.001	0.521 0.145 1.295 0.001	0.530 0.149 1.321 0.001	0.542 0.152 1.350 0.001	0.559 0.155 1.379 0.001	0.574 0.158 1.406 0.001	0.574 0.162 1.430 0.001	0.585 0.165 1.450 0.001	0.596 0.168 1.470 0.001	0.606 0.170 1.490 0.001	0.614 0.172 1.510 0.001	0.625 0.172 1.510 0.001
Liquefied Petroleum Gas	0.002	0.002	0.002	0.003	0.003	0.004	0.004	0.004	0.004	0.005	0.005	0.005	0.005	

Table 4. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) West North Central

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Other Petroleum 10/ Petroleum Subtotal	0.016 1.867	0.018 1.887	0.018 1.943	0.018 1.982	0.018 2.022	0.018 2.067	0.018 2.116	0.018 2.162	0.018 2.201	0.019 2.236	0.019 2.268	0.019 2.299	0.019 2.332
Pipeline Fuel Natural Gas	0.099	0.094	0.099	0.099	0.097	0.094	0.093	0.092	0.092	0.093	0.093	0.093	0.094
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
Renewable Energy (E85) 11/ 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 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000
Electricity	0.005	0.005	0.005	0.005	0.005	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
Delivered Energy	1.972	1.988	2.049	2.089	2.127	2.170	2.218	2.265	2.304	2.340	2.373	2.404	2.439
Electricity Related Losses	0.013	0.014	0.014	0.014	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015
Total	1.985	2.002	2.063	2.103	2.141	2.186	2.233	2.280	2.319	2.354	2.388	2.419	2.454
Delivered Energy Consumption, All Sectors													
Distillate Fuel	0.661	0.673	0.698	0.718	0.730	0.745	0.764	0.782	0.793	0.805	0.815	0.825	0.837
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
Jet Fuel 9/	0.138	0.134	0.141	0.145	0.149	0.152	0.155	0.158	0.162	0.165	0.168	0.170	0.172
Liquefied Petroleum Gas	0.252	0.239	0.245	0.237	0.237	0.241	0.244	0.247	0.249	0.251	0.253	0.255	0.257
Motor Gasoline 2/	1.289	1.302	1.327	1.342	1.367	1.397	1.426	1.454	1.477	1.498	1.518	1.538	1.559
Petrochemical Feedstocks	0.023	0.025	0.024	0.026	0.026	0.026	0.026	0.027	0.027	0.028	0.028	0.028	0.028
Residual Fuel	0.011	0.013	0.013	0.012	0.017	0.017	0.017	0.017	0.017	0.017	0.017	0.017	0.017
Other Petroleum 12/ Petroleum Subtotal	0.267 2.643	0.260 2.648	0.268 2.718	0.264 2.746	0.281 2.808	0.279 2.858	0.279 2.913	0.281 2.967	0.279 3.006	0.279 3.045	0.276 3.078	0.275 3.109	0.275 3.147
Natural Gas	1.200	1.187	1.197	1.207	1.228	1.245	1.269	1.287	1.309	1.323	1.333	1.338	1.344
Lease and Plant Fuel 6/ Pipeline Natural Gas	0.041 0.099	0.041 0.094	0.040 0.099	0.041 0.099	0.040 0.097	0.039 0.094	0.039 0.093	0.041 0.092	0.042 0.092	0.044 0.093	0.047 0.093	0.048 0.093	0.048 0.094
Natural Gas Subtotal	1.340	1.322	1.335	1.347	1.364	1.378	1.402	1.420	1.443	1.460	1.473	1.479	1.486
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
Steam Coal	0.228	0.243	0.253	0.256	0.250	0.250	0.251	0.251	0.252	0.251	0.251	0.250	0.250
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	0.228	0.243	0.253	0.256	0.250	0.250	0.251	0.251	0.252	0.251	0.251	0.250	0.250
Renewable Energy 13/ Liquid Hydrogen	0.115 0.000	0.114 0.000	0.123 0.000	0.126 0.000	0.126 0.000	0.127 0.000	0.129 0.000	0.130 0.000	0.131 0.000	0.132 0.000	0.133 0.000	0.133 0.000	0.135 0.000
Electricity	0.881	0.879	0.890	0.928	0.946	0.965	0.986	1.004	1.020	1.037	1.055	1.070	1.088
Delivered Energy	5.207	5.207	5.320	5.404	5.495	5.578	5.680	5.772	5.851	5.924	5.990	6.042	6.105
Electricity Related Losses	2.222	2.342	2.356	2.455	2.531	2.619	2.631	2.612	2.611	2.598	2.590	2.590	2.588
Total	7.429	7.549	7.676	7.859	8.025	8.197	8.312	8.384	8.462	8.523	8.580	8.633	8.693
Electric Power 14/													
Distillate Fuel	0.019	0.023	0.021	0.023	0.023	0.024	0.024	0.024	0.024	0.025	0.025	0.025	0.026
Residual Fuel	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
Petroleum Subtotal	0.019	0.024	0.021	0.023	0.023	0.024	0.024	0.024	0.025	0.025	0.026	0.026	0.027
Natural Gas	0.076	0.068	0.117	0.115	0.111	0.111	0.113	0.123	0.129	0.140	0.154	0.163	0.178
Steam Coal	2.379	2.532	2.486	2.594	2.690	2.792	2.825	2.816	2.827	2.833	2.834	2.835	2.836
Nuclear Power	0.474	0.461	0.473	0.474	0.474	0.474	0.474	0.474	0.474	0.475	0.475	0.475	0.475
Renewable Energy/Other 15/ Electricity Imports	0.140 0.016	0.147 -0.010	0.157 -0.009	0.187 -0.010	0.193 -0.015	0.194 -0.010	0.194 -0.013	0.195 -0.016	0.196 -0.020	0.196 -0.034	0.196 -0.039	0.196 -0.035	0.196 -0.037
Total	3.103	3.221	3.246	3.384	3.477	3.584	3.617	3.616	3.630	3.635	3.645	3.660	3.675
Total Energy Consumption													
Distillate Fuel	0.680	0.697	0.719	0.741	0.753	0.768	0.788	0.806	0.817	0.829	0.840	0.850	0.863
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
Jet Fuel 9/	0.138	0.134	0.141	0.145	0.149	0.152	0.155	0.158	0.162	0.165	0.168	0.170	0.172
Liquefied Petroleum Gas	0.252	0.239	0.245	0.237	0.237	0.241	0.244	0.247	0.249	0.251	0.253	0.255	0.257
Motor Gasoline 2/	1.289	1.302	1.327	1.342	1.367	1.397	1.426	1.454	1.477	1.498	1.518	1.538	1.559
Petrochemical Feedstocks	0.023	0.025	0.024	0.026	0.026	0.026	0.026	0.027	0.027	0.028	0.028	0.028	0.028
Residual Fuel	0.012	0.014	0.013	0.012	0.017	0.017	0.017	0.017	0.017	0.017	0.018	0.018	0.018
Other Petroleum 12/ Petroleum Subtotal	0.267 2.663	0.260 2.672	0.268 2.740	0.264 2.769	0.281 2.832	0.279 2.882	0.279 2.937	0.281 2.991	0.279 3.030	0.279 3.069	0.276 3.103	0.275 3.135	0.275 3.174
Natural Gas	1.276	1.255	1.314	1.323	1.339	1.355	1.382	1.409	1.438	1.463	1.487	1.502	1.522

Table 4. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) West North Central

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Lease and Plant Fuel 6/	0.041	0.041	0.040	0.041	0.040	0.039	0.039	0.041	0.042	0.044	0.047	0.048	0.048
Pipeline Natural Gas	0.099	0.094	0.099	0.099	0.097	0.094	0.093	0.092	0.092	0.093	0.093	0.093	0.094
Natural Gas Subtotal	1.416	1.390	1.453	1.462	1.475	1.489	1.515	1.543	1.573	1.600	1.627	1.643	1.664
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
Steam Coal	2.606	2.775	2.739	2.850	2.940	3.042	3.076	3.067	3.079	3.085	3.085	3.086	3.087
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	2.606	2.775	2.739	2.850	2.940	3.042	3.076	3.067	3.079	3.085	3.085	3.086	3.087
Nuclear Power	0.474	0.461	0.473	0.474	0.474	0.474	0.474	0.474	0.474	0.475	0.475	0.475	0.475
Renewable Energy 16/	0.255	0.261	0.281	0.313	0.319	0.321	0.323	0.325	0.326	0.328	0.329	0.329	0.331
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
Electricity Imports	0.016	-0.010	-0.009	-0.010	-0.015	-0.010	-0.013	-0.016	-0.020	-0.034	-0.039	-0.035	-0.037
Total	7.429	7.549	7.676	7.859	8.025	8.197	8.312	8.384	8.462	8.523	8.580	8.633	8.693
Energy Use & Related Statistics													
Delivered Energy Use	5.207	5.207	5.320	5.404	5.495	5.578	5.680	5.772	5.851	5.924	5.990	6.042	6.105
Total Energy Use	7.429	7.549	7.676	7.859	8.025	8.197	8.312	8.384	8.462	8.523	8.580	8.633	8.693
Population (millions)	19.506	19.608	19.712	19.814	19.913	20.011	20.105	20.200	20.293	20.386	20.478	20.570	20.661

Table 4. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) West North Central

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2003-2025
Energy Consumption												
Residential												
Distillate Fuel	0.022	0.022	0.022	0.022	0.021	0.021	0.021	0.021	0.021	0.020	0.020	-0.5%
Kerosene	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	2.8%
Liquefied Petroleum Gas	0.116	0.116	0.116	0.117	0.117	0.117	0.117	0.118	0.118	0.118	0.119	0.4%
Petroleum Subtotal	0.139	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.141	0.141	0.3%
Natural Gas	0.522	0.523	0.523	0.523	0.522	0.522	0.519	0.518	0.517	0.518	0.516	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	-0.9%
Renewable Energy 1/	0.024	0.024	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.0%
Electricity	0.399	0.405	0.410	0.415	0.420	0.427	0.431	0.437	0.443	0.450	0.455	1.6%
Delivered Energy	1.085	1.093	1.097	1.102	1.107	1.114	1.114	1.119	1.125	1.134	1.137	0.8%
Electricity Related Losses	0.950	0.968	0.969	0.975	0.976	0.982	0.980	0.983	1.002	1.032	1.045	0.9%
Total	2.035	2.062	2.066	2.078	2.083	2.095	2.095	2.102	2.127	2.165	2.182	0.9%
Commercial												
Distillate Fuel	0.045	0.046	0.047	0.047	0.048	0.049	0.050	0.051	0.052	0.053	0.054	2.8%
Residual Fuel	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	-1.8%
Kerosene	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.5%
Liquefied Petroleum Gas	0.017	0.017	0.017	0.017	0.017	0.017	0.017	0.017	0.017	0.017	0.017	0.2%
Motor Gasoline 2/	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	-0.1%
Petroleum Subtotal	0.071	0.072	0.073	0.074	0.074	0.075	0.076	0.077	0.078	0.079	0.080	1.7%
Natural Gas	0.322	0.324	0.326	0.328	0.330	0.330	0.331	0.333	0.335	0.337	0.339	0.6%
Coal	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014	-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	0.0%
Electricity	0.393	0.401	0.409	0.417	0.426	0.434	0.443	0.452	0.461	0.471	0.481	2.2%
Delivered Energy	0.803	0.814	0.826	0.837	0.847	0.858	0.868	0.880	0.892	0.905	0.919	1.4%
Electricity Related Losses	0.934	0.957	0.968	0.981	0.989	0.999	1.007	1.017	1.045	1.081	1.106	1.5%
Total	1.738	1.771	1.793	1.818	1.836	1.856	1.875	1.897	1.937	1.986	2.025	1.5%
Industrial 4/												
Distillate Fuel	0.149	0.149	0.150	0.151	0.153	0.154	0.155	0.156	0.158	0.159	0.160	0.5%
Liquefied Petroleum Gas	0.121	0.121	0.122	0.123	0.124	0.125	0.126	0.127	0.128	0.129	0.129	0.7%
Petrochemical Feedstocks	0.027	0.027	0.027	0.028	0.028	0.028	0.028	0.027	0.027	0.027	0.027	0.4%
Residual Fuel	0.014	0.014	0.014	0.014	0.015	0.015	0.015	0.015	0.014	0.014	0.015	1.9%
Motor Gasoline 2/	0.042	0.042	0.043	0.043	0.043	0.044	0.044	0.045	0.045	0.046	0.047	0.7%
Other Petroleum 5/	0.259	0.263	0.265	0.270	0.275	0.278	0.281	0.283	0.285	0.291	0.298	0.9%
Petroleum Subtotal	0.613	0.616	0.621	0.630	0.637	0.643	0.648	0.652	0.658	0.666	0.676	0.8%
Natural Gas	0.494	0.497	0.503	0.510	0.514	0.517	0.520	0.525	0.530	0.532	0.538	1.2%
Lease and Plant Fuel 6/	0.048	0.044	0.043	0.048	0.050	0.050	0.047	0.046	0.047	0.047	0.047	0.7%
Natural Gas Subtotal	0.541	0.540	0.546	0.557	0.564	0.567	0.568	0.571	0.576	0.580	0.585	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	N/A
Steam Coal	0.234	0.234	0.234	0.234	0.233	0.233	0.233	0.233	0.232	0.232	0.232	0.1%
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	N/A
Coal Subtotal	0.234	0.234	0.234	0.234	0.233	0.233	0.233	0.233	0.232	0.232	0.232	0.1%
Renewable Energy 7/	0.108	0.108	0.109	0.111	0.112	0.113	0.114	0.115	0.116	0.117	0.117	1.4%
Electricity	0.305	0.307	0.310	0.314	0.317	0.320	0.321	0.323	0.325	0.328	0.330	1.2%
Delivered Energy	1.801	1.806	1.820	1.845	1.863	1.875	1.884	1.894	1.908	1.922	1.940	0.9%
Electricity Related Losses	0.726	0.732	0.733	0.738	0.737	0.735	0.730	0.727	0.737	0.751	0.758	0.5%
Total	2.528	2.538	2.553	2.583	2.601	2.610	2.614	2.621	2.645	2.673	2.698	0.8%
Transportation												
Distillate Fuel 8/	0.633	0.639	0.649	0.659	0.667	0.676	0.683	0.691	0.700	0.710	0.718	1.9%
Jet Fuel 9/	0.174	0.175	0.177	0.179	0.181	0.182	0.182	0.183	0.183	0.184	0.184	1.4%
Motor Gasoline 2/	1.529	1.546	1.563	1.579	1.594	1.609	1.625	1.642	1.661	1.681	1.703	1.4%
Residual Fuel	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	-0.8%
Liquefied Petroleum Gas	0.005	0.005	0.005	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	4.9%

Table 4. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) West North Central

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2003-2025
Other Petroleum 10/	0.019	0.020	0.020	0.020	0.020	0.021	0.021	0.021	0.021	0.022	0.022	1.0%
Petroleum Subtotal	2.361	2.386	2.415	2.443	2.469	2.494	2.518	2.544	2.573	2.604	2.634	1.5%
Pipeline Fuel Natural Gas	0.094	0.094	0.096	0.098	0.100	0.101	0.101	0.101	0.102	0.102	0.102	0.4%
Compressed Natural Gas	0.007	0.007	0.007	0.008	0.008	0.008	0.008	0.008	0.008	0.009	0.009	8.2%
Renewable Energy (E85) 11/	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.4%
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Electricity	0.006	0.006	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	1.6%
Delivered Energy	2.469	2.494	2.526	2.556	2.584	2.610	2.634	2.661	2.690	2.721	2.752	1.5%
Electricity Related Losses	0.015	0.015	0.015	0.016	0.016	0.016	0.016	0.016	0.016	0.017	0.017	0.9%
Total	2.484	2.510	2.541	2.571	2.600	2.625	2.650	2.677	2.707	2.738	2.769	1.5%
Delivered Energy Consumption, All Sectors												
Distillate Fuel	0.848	0.855	0.867	0.879	0.890	0.900	0.909	0.919	0.931	0.942	0.953	1.6%
Kerosene	0.002	0.002	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	1.8%
Jet Fuel 9/	0.174	0.175	0.177	0.179	0.181	0.182	0.182	0.183	0.183	0.184	0.184	1.4%
Liquefied Petroleum Gas	0.258	0.259	0.260	0.262	0.264	0.265	0.266	0.267	0.268	0.270	0.271	0.6%
Motor Gasoline 2/	1.578	1.595	1.613	1.629	1.645	1.660	1.677	1.694	1.713	1.734	1.756	1.4%
Petrochemical Feedstocks	0.027	0.027	0.027	0.028	0.028	0.028	0.028	0.027	0.027	0.027	0.027	0.4%
Residual Fuel	0.017	0.017	0.017	0.017	0.017	0.017	0.017	0.017	0.017	0.017	0.017	1.2%
Other Petroleum 12/	0.278	0.282	0.284	0.290	0.295	0.298	0.301	0.303	0.306	0.312	0.319	0.9%
Petroleum Subtotal	3.183	3.214	3.248	3.286	3.321	3.352	3.382	3.413	3.449	3.490	3.531	1.3%
Natural Gas	1.344	1.350	1.359	1.368	1.373	1.377	1.378	1.384	1.390	1.396	1.402	0.8%
Lease and Plant Fuel 6/	0.048	0.044	0.043	0.048	0.050	0.050	0.047	0.046	0.047	0.047	0.047	0.7%
Pipeline Natural Gas	0.094	0.094	0.096	0.098	0.100	0.101	0.101	0.101	0.102	0.102	0.102	0.4%
Natural Gas Subtotal	1.486	1.489	1.499	1.514	1.523	1.528	1.527	1.531	1.539	1.545	1.551	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	N/A
Steam Coal	0.250	0.249	0.249	0.249	0.249	0.248	0.248	0.248	0.248	0.247	0.247	0.1%
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	N/A
Coal Subtotal	0.250	0.249	0.249	0.249	0.249	0.248	0.248	0.248	0.248	0.247	0.247	0.1%
Renewable Energy 13/	0.136	0.136	0.137	0.138	0.140	0.141	0.142	0.142	0.143	0.144	0.145	1.1%
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Electricity	1.104	1.119	1.135	1.152	1.169	1.187	1.202	1.219	1.237	1.256	1.273	1.7%
Delivered Energy	6.158	6.207	6.268	6.340	6.402	6.457	6.501	6.554	6.616	6.683	6.748	1.2%
Electricity Related Losses	2.625	2.673	2.685	2.709	2.718	2.731	2.733	2.744	2.800	2.881	2.926	1.0%
Total	8.784	8.880	8.953	9.049	9.120	9.187	9.234	9.297	9.416	9.563	9.674	1.1%
Electric Power 14/												
Distillate Fuel	0.027	0.027	0.027	0.027	0.028	0.029	0.028	0.028	0.029	0.030	0.036	1.9%
Residual Fuel	0.001	0.001	0.001	0.001	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.0%
Petroleum Subtotal	0.027	0.027	0.028	0.028	0.028	0.029	0.029	0.029	0.030	0.031	0.036	1.9%
Natural Gas	0.182	0.184	0.197	0.201	0.205	0.205	0.200	0.203	0.204	0.202	0.196	4.9%
Steam Coal	2.895	2.955	2.956	2.992	3.013	3.044	3.066	3.089	3.162	3.246	3.314	1.2%
Nuclear Power	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.1%
Renewable Energy/Other 15/	0.196	0.196	0.196	0.196	0.196	0.198	0.198	0.200	0.202	0.203	0.203	1.5%
Electricity Imports	-0.047	-0.046	-0.033	-0.031	-0.030	-0.034	-0.033	-0.034	-0.036	-0.021	-0.024	4.1%
Total	3.729	3.792	3.820	3.861	3.888	3.918	3.936	3.963	4.037	4.136	4.199	1.2%
Total Energy Consumption												
Distillate Fuel	0.874	0.882	0.894	0.907	0.918	0.929	0.937	0.947	0.960	0.973	0.989	1.6%
Kerosene	0.002	0.002	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	1.8%
Jet Fuel 9/	0.174	0.175	0.177	0.179	0.181	0.182	0.182	0.183	0.183	0.184	0.184	1.4%
Liquefied Petroleum Gas	0.258	0.259	0.260	0.262	0.264	0.265	0.266	0.267	0.268	0.270	0.271	0.6%
Motor Gasoline 2/	1.578	1.595	1.613	1.629	1.645	1.660	1.677	1.694	1.713	1.734	1.756	1.4%
Petrochemical Feedstocks	0.027	0.027	0.027	0.028	0.028	0.028	0.028	0.027	0.027	0.027	0.027	0.4%
Residual Fuel	0.018	0.018	0.018	0.018	0.018	0.018	0.018	0.018	0.018	0.018	0.018	1.1%
Other Petroleum 12/	0.278	0.282	0.284	0.290	0.295	0.298	0.301	0.303	0.306	0.312	0.319	0.9%
Petroleum Subtotal	3.211	3.241	3.276	3.314	3.349	3.382	3.411	3.442	3.479	3.520	3.567	1.3%
Natural Gas	1.526	1.535	1.557	1.570	1.578	1.582	1.578	1.587	1.594	1.599	1.598	1.1%

Table 4. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) West North Central

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2003-2025
Lease and Plant Fuel 6/	0.048	0.044	0.043	0.048	0.050	0.050	0.047	0.046	0.047	0.047	0.047	0.7%
Pipeline Natural Gas	0.094	0.094	0.096	0.098	0.100	0.101	0.101	0.101	0.102	0.102	0.102	0.4%
Natural Gas Subtotal	1.668	1.673	1.696	1.716	1.728	1.733	1.727	1.734	1.742	1.748	1.747	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	N/A
Steam Coal	3.145	3.204	3.205	3.241	3.262	3.293	3.314	3.336	3.410	3.494	3.561	1.1%
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	N/A
Coal Subtotal	3.145	3.204	3.205	3.241	3.262	3.293	3.314	3.336	3.410	3.494	3.561	1.1%
Nuclear Power	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.1%
Renewable Energy 16/	0.332	0.332	0.333	0.334	0.336	0.339	0.340	0.343	0.345	0.347	0.347	1.3%
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Electricity Imports	-0.047	-0.046	-0.033	-0.031	-0.030	-0.034	-0.033	-0.034	-0.036	-0.021	-0.024	4.1%
Total	8.784	8.880	8.953	9.049	9.120	9.187	9.234	9.297	9.416	9.563	9.674	1.1%
Energy Use & Related Statistics												
Delivered Energy Use	6.158	6.207	6.268	6.340	6.402	6.457	6.501	6.554	6.616	6.683	6.748	1.2%
Total Energy Use	8.784	8.880	8.953	9.049	9.120	9.187	9.234	9.297	9.416	9.563	9.674	1.1%
Population (millions)	20.751	20.840	20.928	21.014	21.099	21.183	21.266	21.350	21.434	21.519	21.604	0.4%

Table 4. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) West North Central

1/ Includes wood used for residential heating. See Table A18 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 the field gathering and processing plant machinery.

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

8/ Diesel fuel containing 500 parts per million (ppm) or 15 ppm sulfur.

9/ Includes only kerosene type.

10/ Includes aviation gasoline and lubricants.

11/ 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 actually varies seasonally. The annual average ethanol content of 74 percent is used for this forecast.

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 (CHP) 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, municipal solid waste, other biomass, petroleum coke, wind, photovoltaic and solar thermal sources. Excludes net electricity imports.

16/ Includes hydroelectric, geothermal, wood and wood waste, 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.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Data for 2002 and 2003 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: 2002 and 2003 consumption based on: Energy Information Administration (EIA), Annual Energy Review 2003, DOE/EIA-0384(2003) (Washington, DC, September 2004). 2002 and 2003 population and gross domestic product: Global Insight macroeconomic model T250804. 2002 and 2003 carbon dioxide emissions: EIA, Emissions of Greenhouse Gases in the United States 2003, DOE/EIA-0573(2003) (Washington, DC, December 2004). Projections: EIA, AEO2005 National Energy Modeling System run aeo2005.d102004a.

Table 5. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) South Atlantic

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Energy Consumption													
Residential													
Distillate Fuel	0.090	0.092	0.086	0.082	0.082	0.082	0.082	0.081	0.081	0.080	0.079	0.078	0.077
Kerosene	0.019	0.023	0.025	0.027	0.026	0.026	0.027	0.027	0.027	0.027	0.027	0.027	0.027
Liquefied Petroleum Gas	0.090	0.090	0.093	0.085	0.087	0.090	0.092	0.094	0.096	0.098	0.100	0.102	0.103
Petroleum Subtotal	0.199	0.205	0.204	0.195	0.195	0.198	0.201	0.202	0.203	0.205	0.206	0.206	0.207
Natural Gas	0.455	0.493	0.492	0.512	0.531	0.551	0.573	0.587	0.603	0.617	0.631	0.641	0.650
Coal	0.001	0.002	0.002	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	0.060	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059
Delivered Energy	1.072	1.090	1.115	1.148	1.174	1.209	1.246	1.275	1.304	1.333	1.364	1.388	1.415
Electricity Related Losses	1.782	1.850	1.872	1.916	1.961	2.018	2.079	2.124	2.171	2.215	2.262	2.295	2.332
Total	2.143	2.142	2.067	2.105	2.142	2.188	2.239	2.282	2.317	2.331	2.364	2.384	2.399
Total	3.926	3.992	3.939	4.021	4.104	4.205	4.318	4.406	4.488	4.546	4.626	4.679	4.731
Commercial													
Distillate Fuel	0.087	0.091	0.093	0.091	0.094	0.098	0.101	0.104	0.107	0.109	0.111	0.113	0.115
Residual Fuel	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
Kerosene	0.004	0.005	0.006	0.006	0.007	0.006	0.006	0.006	0.006	0.006	0.007	0.007	0.007
Liquefied Petroleum Gas	0.015	0.014	0.014	0.015	0.015	0.015	0.015	0.015	0.015	0.016	0.016	0.016	0.016
Motor Gasoline 2/ Petroleum Subtotal	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
Total	0.118	0.122	0.124	0.122	0.127	0.131	0.134	0.137	0.140	0.142	0.144	0.146	0.149
Natural Gas	0.352	0.363	0.362	0.363	0.374	0.387	0.400	0.410	0.420	0.429	0.437	0.445	0.452
Coal	0.011	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012
Renewable Energy 3/ Electricity	0.016	0.019	0.019	0.019	0.019	0.019	0.019	0.019	0.019	0.019	0.019	0.019	0.019
Delivered Energy	0.906	0.909	0.937	0.959	0.990	1.028	1.064	1.099	1.133	1.167	1.201	1.235	1.269
Electricity Related Losses	1.403	1.425	1.454	1.475	1.522	1.576	1.629	1.678	1.724	1.769	1.813	1.857	1.901
Total	1.811	1.786	1.737	1.758	1.807	1.860	1.913	1.968	2.013	2.041	2.081	2.121	2.152
Total	3.214	3.211	3.191	3.233	3.329	3.436	3.543	3.646	3.737	3.809	3.894	3.978	4.053
Industrial 4/													
Distillate Fuel	0.147	0.153	0.154	0.155	0.153	0.153	0.153	0.154	0.154	0.154	0.154	0.155	0.157
Liquefied Petroleum Gas	0.056	0.054	0.056	0.058	0.057	0.057	0.058	0.059	0.059	0.060	0.061	0.061	0.062
Petrochemical Feedstocks	0.132	0.147	0.144	0.153	0.152	0.153	0.157	0.161	0.164	0.166	0.168	0.170	0.172
Residual Fuel	0.083	0.122	0.126	0.124	0.117	0.116	0.115	0.118	0.119	0.119	0.120	0.122	0.124
Motor Gasoline 2/ Other Petroleum 5/ Petroleum Subtotal	0.055	0.055	0.056	0.056	0.055	0.056	0.056	0.056	0.056	0.057	0.057	0.057	0.058
Total	0.380	0.380	0.402	0.397	0.379	0.375	0.373	0.375	0.374	0.377	0.380	0.381	0.386
Natural Gas	0.597	0.546	0.548	0.561	0.574	0.579	0.592	0.599	0.606	0.612	0.616	0.618	0.619
Lease and Plant Fuel 6/ Natural Gas Subtotal	0.014	0.014	0.010	0.010	0.012	0.014	0.015	0.016	0.015	0.016	0.016	0.016	0.017
Total	0.611	0.560	0.558	0.572	0.586	0.593	0.608	0.615	0.621	0.627	0.631	0.633	0.636
Metallurgical Coal	0.060	0.061	0.064	0.061	0.058	0.056	0.054	0.053	0.050	0.049	0.047	0.046	0.045
Steam Coal	0.296	0.293	0.289	0.294	0.295	0.297	0.299	0.299	0.300	0.301	0.300	0.300	0.300
Net Coal Coke Imports Coal Subtotal	0.005	0.004	0.012	0.011	0.010	0.010	0.010	0.011	0.009	0.010	0.010	0.010	0.011
Total	0.361	0.358	0.365	0.366	0.364	0.363	0.363	0.362	0.360	0.359	0.358	0.357	0.356
Renewable Energy 7/ Electricity	0.489	0.496	0.521	0.533	0.536	0.542	0.550	0.558	0.562	0.567	0.573	0.578	0.584
Delivered Energy	0.550	0.555	0.579	0.592	0.594	0.599	0.611	0.623	0.628	0.637	0.645	0.651	0.661
Electricity Related Losses	2.863	2.881	2.961	3.005	2.992	3.005	3.044	3.081	3.097	3.124	3.148	3.165	3.195
Total	1.100	1.091	1.073	1.086	1.083	1.083	1.098	1.115	1.116	1.113	1.118	1.119	1.121
Total	3.963	3.972	4.034	4.091	4.076	4.088	4.142	4.196	4.213	4.237	4.266	4.283	4.316
Transportation													
Distillate Fuel 8/ Jet Fuel 9/ Motor Gasoline 2/ Residual Fuel	0.951	0.972	1.021	1.068	1.096	1.130	1.173	1.214	1.246	1.279	1.309	1.337	1.370
Total	0.341	0.333	0.350	0.361	0.371	0.381	0.388	0.397	0.408	0.418	0.426	0.433	0.440
Natural Gas	3.312	3.344	3.409	3.465	3.542	3.635	3.733	3.832	3.922	4.007	4.091	4.177	4.264
Coal	0.087	0.083	0.074	0.075	0.075	0.076	0.076	0.076	0.077	0.077	0.077	0.078	0.078
Liquefied Petroleum Gas	0.004	0.004	0.005	0.006	0.008	0.009	0.009	0.010	0.011	0.011	0.012	0.012	0.013

Table 5. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) South Atlantic

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Other Petroleum 10/ Petroleum Subtotal	0.038 4.732	0.042 4.777	0.043 4.900	0.043 5.018	0.043 5.136	0.044 5.274	0.044 5.424	0.045 5.574	0.046 5.709	0.046 5.838	0.047 5.962	0.048 6.084	0.049 6.212
Pipeline Fuel Natural Gas	0.075	0.071	0.066	0.068	0.068	0.070	0.073	0.074	0.076	0.077	0.079	0.080	0.081
Compressed Natural Gas	0.003	0.004	0.005	0.006	0.006	0.007	0.008	0.009	0.010	0.011	0.011	0.012	0.013
Renewable Energy (E85) 11/ 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 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.001 0.000	0.001 0.000
Electricity	0.014	0.014	0.015	0.015	0.016	0.016	0.016	0.017	0.017	0.018	0.018	0.018	0.019
Delivered Energy	4.823	4.867	4.986	5.107	5.226	5.368	5.522	5.674	5.812	5.943	6.071	6.195	6.326
Electricity Related Losses	0.028	0.028	0.027	0.028	0.028	0.029	0.029	0.030	0.031	0.031	0.031	0.032	0.032
Total	4.852	4.895	5.014	5.135	5.255	5.397	5.551	5.704	5.843	5.974	6.102	6.227	6.358
Delivered Energy Consumption, All Sectors													
Distillate Fuel	1.275	1.308	1.354	1.396	1.424	1.462	1.510	1.554	1.587	1.621	1.653	1.682	1.718
Kerosene	0.024	0.031	0.033	0.036	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035
Jet Fuel 9/	0.341	0.333	0.350	0.361	0.371	0.381	0.388	0.397	0.408	0.418	0.426	0.433	0.440
Liquefied Petroleum Gas	0.164	0.161	0.168	0.164	0.168	0.170	0.174	0.178	0.181	0.185	0.188	0.190	0.194
Motor Gasoline 2/	3.372	3.405	3.471	3.527	3.604	3.697	3.795	3.894	3.985	4.070	4.155	4.240	4.328
Petrochemical Feedstocks	0.132	0.147	0.144	0.153	0.152	0.153	0.157	0.161	0.164	0.166	0.168	0.170	0.172
Residual Fuel	0.176	0.210	0.205	0.203	0.197	0.197	0.196	0.199	0.201	0.202	0.203	0.204	0.207
Other Petroleum 12/ Petroleum Subtotal	0.416 5.901	0.421 6.015	0.442 6.167	0.438 6.278	0.420 6.371	0.416 6.512	0.415 6.671	0.418 6.836	0.417 6.978	0.422 7.118	0.425 7.253	0.427 7.382	0.432 7.526
Natural Gas	1.407	1.406	1.408	1.442	1.485	1.525	1.573	1.606	1.639	1.668	1.695	1.715	1.735
Lease and Plant Fuel 6/ Pipeline Natural Gas	0.014 0.075	0.014 0.071	0.010 0.066	0.010 0.068	0.012 0.068	0.014 0.070	0.015 0.073	0.016 0.074	0.015 0.076	0.016 0.077	0.016 0.079	0.016 0.080	0.017 0.081
Natural Gas Subtotal	1.496	1.492	1.484	1.520	1.566	1.609	1.662	1.696	1.730	1.761	1.790	1.811	1.833
Metallurgical Coal	0.060	0.061	0.064	0.061	0.058	0.056	0.054	0.053	0.050	0.049	0.047	0.046	0.045
Steam Coal	0.308	0.306	0.302	0.308	0.309	0.310	0.312	0.312	0.313	0.314	0.313	0.313	0.313
Net Coal Coke Imports	0.005	0.004	0.012	0.011	0.010	0.010	0.010	0.011	0.009	0.010	0.010	0.010	0.011
Coal Subtotal	0.373	0.371	0.378	0.379	0.377	0.376	0.376	0.376	0.373	0.372	0.371	0.369	0.369
Renewable Energy 13/ Liquid Hydrogen	0.561 0.000	0.576 0.000	0.599 0.000	0.611 0.000	0.614 0.000	0.620 0.000	0.628 0.000	0.636 0.000	0.640 0.000	0.645 0.000	0.652 0.000	0.656 0.000	0.662 0.000
Electricity	2.541	2.569	2.646	2.715	2.774	2.851	2.937	3.014	3.083	3.154	3.228	3.293	3.364
Delivered Energy	10.871	11.023	11.274	11.503	11.702	11.967	12.275	12.557	12.804	13.051	13.293	13.512	13.753
Electricity Related Losses	5.083	5.047	4.903	4.977	5.061	5.160	5.279	5.395	5.476	5.515	5.594	5.655	5.705
Total	15.954	16.070	16.177	16.480	16.763	17.126	17.554	17.952	18.280	18.566	18.888	19.167	19.458
Electric Power 14/													
Distillate Fuel	0.048	0.094	0.113	0.119	0.121	0.126	0.131	0.132	0.133	0.133	0.135	0.139	0.142
Residual Fuel	0.377	0.413	0.431	0.431	0.426	0.426	0.424	0.425	0.424	0.425	0.425	0.425	0.429
Petroleum Subtotal	0.424	0.507	0.544	0.550	0.547	0.552	0.555	0.558	0.557	0.557	0.559	0.564	0.571
Natural Gas	0.742	0.699	0.590	0.607	0.627	0.650	0.712	0.772	0.856	0.924	1.007	1.087	1.142
Steam Coal	4.171	4.154	4.099	4.177	4.290	4.430	4.551	4.671	4.719	4.757	4.806	4.826	4.847
Nuclear Power	2.061	2.021	2.073	2.087	2.088	2.089	2.094	2.094	2.098	2.101	2.120	2.141	2.166
Renewable Energy/Other 15/ Electricity Imports	0.226 0.000	0.236 0.000	0.244 0.000	0.270 0.000	0.282 0.000	0.289 0.000	0.304 0.000	0.314 0.000	0.329 0.000	0.331 0.000	0.330 0.000	0.330 0.000	0.342 0.000
Total	7.624	7.616	7.550	7.692	7.835	8.010	8.216	8.409	8.559	8.670	8.822	8.948	9.069
Total Energy Consumption													
Distillate Fuel	1.323	1.402	1.467	1.515	1.546	1.589	1.641	1.686	1.720	1.754	1.788	1.821	1.860
Kerosene	0.024	0.031	0.033	0.036	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035
Jet Fuel 9/	0.341	0.333	0.350	0.361	0.371	0.381	0.388	0.397	0.408	0.418	0.426	0.433	0.440
Liquefied Petroleum Gas	0.164	0.161	0.168	0.164	0.168	0.170	0.174	0.178	0.181	0.185	0.188	0.190	0.194
Motor Gasoline 2/	3.372	3.405	3.471	3.527	3.604	3.697	3.795	3.894	3.985	4.070	4.155	4.240	4.328
Petrochemical Feedstocks	0.132	0.147	0.144	0.153	0.152	0.153	0.157	0.161	0.164	0.166	0.168	0.170	0.172
Residual Fuel	0.552	0.623	0.636	0.635	0.623	0.623	0.620	0.625	0.625	0.626	0.628	0.629	0.636
Other Petroleum 12/ Petroleum Subtotal	0.416 6.325	0.421 6.522	0.442 6.711	0.438 6.918	0.420 7.064	0.416 7.266	0.415 7.466	0.418 7.666	0.417 7.866	0.422 8.066	0.425 8.266	0.427 8.466	0.432 8.666
Natural Gas	2.148	2.104	1.997	2.048	2.112	2.175	2.285	2.378	2.494	2.592	2.702	2.802	2.877

Table 5. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) South Atlantic

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Lease and Plant Fuel 6/	0.014	0.014	0.010	0.010	0.012	0.014	0.015	0.016	0.015	0.016	0.016	0.016	0.017
Pipeline Natural Gas	0.075	0.071	0.066	0.068	0.068	0.070	0.073	0.074	0.076	0.077	0.079	0.080	0.081
Natural Gas Subtotal	2.238	2.190	2.074	2.126	2.193	2.259	2.373	2.468	2.586	2.685	2.797	2.898	2.975
Metallurgical Coal	0.060	0.061	0.064	0.061	0.058	0.056	0.054	0.053	0.050	0.049	0.047	0.046	0.045
Steam Coal	4.479	4.460	4.401	4.485	4.599	4.740	4.863	4.984	5.032	5.071	5.119	5.139	5.160
Net Coal Coke Imports	0.005	0.004	0.012	0.011	0.010	0.010	0.010	0.011	0.009	0.010	0.010	0.010	0.011
Coal Subtotal	4.544	4.525	4.478	4.557	4.667	4.806	4.928	5.047	5.092	5.129	5.177	5.196	5.216
Nuclear Power	2.061	2.021	2.073	2.087	2.088	2.089	2.094	2.094	2.098	2.101	2.120	2.141	2.166
Renewable Energy 16/	0.787	0.812	0.843	0.881	0.897	0.909	0.932	0.949	0.969	0.976	0.981	0.986	1.005
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
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	15.954	16.070	16.177	16.480	16.763	17.126	17.554	17.952	18.280	18.566	18.888	19.167	19.458
Energy Use & Related Statistics													
Delivered Energy Use	10.871	11.023	11.274	11.503	11.702	11.967	12.275	12.557	12.804	13.051	13.293	13.512	13.753
Total Energy Use	15.954	16.070	16.177	16.480	16.763	17.126	17.554	17.952	18.280	18.566	18.888	19.167	19.458
Population (millions)	53.680	54.453	55.189	55.921	56.651	57.376	58.094	58.815	59.534	60.252	60.970	61.688	62.404

Table 5. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) South Atlantic

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2003-2025	
Energy Consumption													
Residential													
Distillate Fuel	0.075	0.074	0.072	0.070	0.067	0.065	0.063	0.060	0.058	0.055	0.053	-2.5%	
Kerosene	0.026	0.026	0.026	0.025	0.025	0.024	0.024	0.023	0.023	0.022	0.022	-0.3%	
Liquefied Petroleum Gas	0.105	0.107	0.108	0.110	0.111	0.113	0.114	0.115	0.116	0.118	0.119	1.3%	
Petroleum Subtotal	0.207	0.207	0.206	0.205	0.203	0.202	0.200	0.198	0.197	0.195	0.193	-0.3%	
Natural Gas	0.660	0.672	0.680	0.689	0.697	0.708	0.716	0.726	0.737	0.750	0.757	2.0%	
Coal	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	-1.3%	
Renewable Energy 1/ Electricity	0.059 1.441	0.059 1.469	0.058 1.491	0.058 1.515	0.058 1.540	0.058 1.568	0.058 1.590	0.058 1.616	0.058 1.643	0.058 1.674	0.058 1.697	-0.2% 2.0%	
Delivered Energy	2.367	2.408	2.436	2.469	2.500	2.538	2.565	2.599	2.636	2.678	2.706	1.7%	
Electricity Related Losses	2.397	2.404	2.392	2.374	2.362	2.349	2.337	2.330	2.316	2.309	2.292	0.3%	
Total	4.764	4.811	4.829	4.843	4.862	4.887	4.902	4.929	4.952	4.987	4.999	1.0%	
Commercial													
Distillate Fuel	0.117	0.119	0.121	0.123	0.125	0.127	0.129	0.132	0.134	0.136	0.139	1.9%	
Residual Fuel	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.006	-0.3%	
Kerosene	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	1.0%	
Liquefied Petroleum Gas	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.017	0.017	0.017	1.0%	
Motor Gasoline 2/ Petroleum Subtotal	0.006 0.151	0.006 0.153	0.006 0.156	0.006 0.158	0.006 0.160	0.006 0.162	0.006 0.164	0.006 0.167	0.006 0.169	0.006 0.172	0.006 0.174	0.4% 1.6%	
Natural Gas	0.460	0.468	0.477	0.485	0.493	0.500	0.509	0.518	0.529	0.539	0.550	1.9%	
Coal	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.0%	
Renewable Energy 3/ Electricity	0.019 1.304	0.019 1.340	0.019 1.378	0.019 1.412	0.019 1.447	0.019 1.483	0.019 1.521	0.019 1.561	0.019 1.602	0.019 1.645	0.019 1.689	0.0% 2.9%	
Delivered Energy	1.945	1.992	2.041	2.086	2.130	2.176	2.225	2.277	2.331	2.387	2.443	2.5%	
Electricity Related Losses	2.169	2.193	2.210	2.212	2.220	2.222	2.237	2.250	2.259	2.269	2.281	1.1%	
Total	4.114	4.185	4.251	4.298	4.351	4.398	4.461	4.527	4.589	4.656	4.725	1.8%	
Industrial 4/													
Distillate Fuel	0.158	0.159	0.160	0.162	0.164	0.166	0.167	0.169	0.170	0.172	0.173	0.6%	
Liquefied Petroleum Gas	0.062	0.062	0.063	0.064	0.065	0.065	0.066	0.066	0.067	0.067	0.067	1.0%	
Petrochemical Feedstocks	0.172	0.172	0.174	0.176	0.178	0.179	0.181	0.182	0.183	0.184	0.185	1.1%	
Residual Fuel	0.126	0.125	0.126	0.129	0.131	0.133	0.134	0.133	0.133	0.133	0.134	0.4%	
Motor Gasoline 2/ Other Petroleum 5/ Petroleum Subtotal	0.059 0.387 0.964	0.059 0.386 0.962	0.059 0.389 0.972	0.060 0.394 0.985	0.061 0.400 0.999	0.061 0.405 1.010	0.062 0.409 1.019	0.062 0.411 1.023	0.063 0.413 1.029	0.063 0.416 1.035	0.064 0.419 1.043	0.6% 0.4% 0.6%	
Natural Gas	0.619	0.623	0.629	0.635	0.640	0.644	0.649	0.655	0.662	0.668	0.674	1.0%	
Lease and Plant Fuel 6/ Natural Gas Subtotal	0.017 0.636	0.016 0.639	0.017 0.647	0.018 0.653	0.018 0.658	0.018 0.662	0.017 0.666	0.018 0.673	0.017 0.679	0.017 0.686	0.018 0.692	0.9% 1.0%	
Metallurgical Coal	0.044	0.042	0.041	0.040	0.039	0.038	0.037	0.036	0.035	0.034	0.033	-2.8%	
Steam Coal	0.300	0.300	0.301	0.301	0.302	0.302	0.302	0.302	0.303	0.303	0.304	0.2%	
Net Coal Coke Imports	0.011	0.012	0.013	0.013	0.014	0.015	0.015	0.016	0.016	0.017	0.017	6.8%	
Coal Subtotal	0.355	0.354	0.354	0.355	0.355	0.354	0.354	0.354	0.354	0.354	0.354	-0.1%	
Renewable Energy 7/ Electricity	0.591 0.667	0.594 0.670	0.602 0.679	0.611 0.690	0.621 0.698	0.629 0.706	0.637 0.713	0.645 0.720	0.652 0.729	0.659 0.738	0.665 0.746	1.3% 1.4%	
Delivered Energy	3.213	3.220	3.255	3.294	3.330	3.361	3.389	3.415	3.444	3.473	3.500	0.9%	
Electricity Related Losses	1.110	1.096	1.090	1.081	1.071	1.057	1.048	1.038	1.028	1.018	1.008	-0.4%	
Total	4.322	4.316	4.345	4.375	4.401	4.419	4.437	4.453	4.472	4.491	4.508	0.6%	
Transportation													
Distillate Fuel 8/ Jet Fuel 9/ Motor Gasoline 2/ Residual Fuel	1.398 0.446 4.349 0.078	1.421 0.452 4.430 0.078	1.453 0.458 4.512 0.079	1.485 0.465 4.591 0.079	1.515 0.471 4.669 0.079	1.545 0.476 4.747 0.079	1.571 0.480 4.828 0.080	1.600 0.483 4.913 0.080	1.633 0.487 5.004 0.080	1.665 0.490 5.102 0.080	1.697 0.492 5.203 0.081	1.697 0.492 5.203 0.081	2.6% 1.8% 2.0% -0.1%
Liquefied Petroleum Gas	0.013	0.014	0.014	0.015	0.015	0.016	0.016	0.016	0.017	0.017	0.017	6.6%	

Table 5. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) South Atlantic

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2003-2025
Other Petroleum 10/	0.049	0.050	0.051	0.052	0.053	0.054	0.055	0.056	0.057	0.058	0.059	1.6%
Petroleum Subtotal	6.333	6.445	6.567	6.687	6.803	6.916	7.030	7.149	7.277	7.412	7.548	2.1%
Pipeline Fuel Natural Gas	0.082	0.083	0.084	0.084	0.085	0.084	0.083	0.083	0.082	0.083	0.083	0.7%
Compressed Natural Gas	0.013	0.014	0.015	0.015	0.016	0.016	0.016	0.017	0.017	0.018	0.018	7.3%
Renewable Energy (E85) 11/	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	7.1%
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	N/A
Electricity	0.019	0.020	0.020	0.021	0.021	0.021	0.022	0.022	0.023	0.023	0.024	2.3%
Delivered Energy	6.448	6.562	6.687	6.808	6.925	7.039	7.152	7.272	7.401	7.538	7.675	2.1%
Electricity Related Losses	0.032	0.032	0.032	0.032	0.032	0.032	0.032	0.032	0.032	0.032	0.032	0.6%
Total	6.480	6.594	6.719	6.840	6.957	7.071	7.185	7.304	7.433	7.570	7.708	2.1%
Delivered Energy Consumption, All Sectors												
Distillate Fuel	1.748	1.773	1.807	1.840	1.872	1.903	1.931	1.961	1.995	2.029	2.061	2.1%
Kerosene	0.035	0.035	0.034	0.034	0.033	0.033	0.033	0.032	0.032	0.031	0.030	0.0%
Jet Fuel 9/	0.446	0.452	0.458	0.465	0.471	0.476	0.480	0.483	0.487	0.490	0.492	1.8%
Liquefied Petroleum Gas	0.196	0.199	0.202	0.204	0.207	0.210	0.212	0.214	0.216	0.218	0.220	1.4%
Motor Gasoline 2/	4.413	4.495	4.578	4.657	4.736	4.815	4.896	4.981	5.073	5.171	5.273	2.0%
Petrochemical Feedstocks	0.172	0.172	0.174	0.176	0.178	0.179	0.181	0.182	0.183	0.184	0.185	1.1%
Residual Fuel	0.210	0.209	0.210	0.213	0.216	0.218	0.219	0.218	0.218	0.219	0.220	0.2%
Other Petroleum 12/	0.434	0.434	0.438	0.444	0.451	0.457	0.462	0.465	0.468	0.472	0.476	0.6%
Petroleum Subtotal	7.655	7.768	7.901	8.034	8.165	8.291	8.413	8.537	8.672	8.814	8.958	1.8%
Natural Gas	1.752	1.777	1.801	1.824	1.845	1.869	1.890	1.916	1.945	1.975	1.999	1.6%
Lease and Plant Fuel 6/	0.017	0.016	0.017	0.018	0.018	0.018	0.017	0.018	0.017	0.017	0.018	0.9%
Pipeline Natural Gas	0.082	0.083	0.084	0.084	0.085	0.084	0.083	0.083	0.082	0.083	0.083	0.7%
Natural Gas Subtotal	1.850	1.876	1.902	1.926	1.948	1.970	1.990	2.016	2.044	2.075	2.100	1.6%
Metallurgical Coal	0.044	0.042	0.041	0.040	0.039	0.038	0.037	0.036	0.035	0.034	0.033	-2.8%
Steam Coal	0.313	0.313	0.314	0.314	0.314	0.315	0.315	0.315	0.316	0.316	0.316	0.2%
Net Coal Coke Imports	0.011	0.012	0.013	0.013	0.014	0.015	0.015	0.016	0.016	0.017	0.017	6.8%
Coal Subtotal	0.368	0.367	0.367	0.367	0.367	0.367	0.367	0.367	0.367	0.367	0.367	-0.1%
Renewable Energy 13/	0.669	0.673	0.681	0.689	0.699	0.707	0.715	0.723	0.730	0.737	0.743	1.2%
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	N/A
Electricity	3.431	3.499	3.568	3.638	3.706	3.779	3.846	3.920	3.998	4.081	4.157	2.2%
Delivered Energy	13.973	14.182	14.419	14.656	14.886	15.115	15.331	15.563	15.811	16.075	16.325	1.8%
Electricity Related Losses	5.708	5.724	5.725	5.699	5.686	5.660	5.654	5.651	5.635	5.629	5.614	0.5%
Total	19.681	19.907	20.144	20.355	20.571	20.775	20.985	21.213	21.446	21.704	21.939	1.4%
Electric Power 14/												
Distillate Fuel	0.146	0.146	0.149	0.150	0.151	0.156	0.163	0.153	0.154	0.152	0.151	2.2%
Residual Fuel	0.429	0.428	0.415	0.390	0.391	0.389	0.389	0.388	0.387	0.385	0.384	-0.3%
Petroleum Subtotal	0.575	0.575	0.564	0.540	0.542	0.545	0.552	0.541	0.540	0.537	0.535	0.2%
Natural Gas	1.178	1.232	1.281	1.318	1.361	1.392	1.378	1.362	1.351	1.360	1.359	3.1%
Steam Coal	4.862	4.890	4.920	4.944	4.948	4.958	5.021	5.115	5.190	5.267	5.339	1.1%
Nuclear Power	2.174	2.174	2.174	2.174	2.174	2.174	2.174	2.174	2.174	2.174	2.174	0.3%
Renewable Energy/Other 15/	0.350	0.352	0.353	0.362	0.367	0.370	0.374	0.377	0.377	0.372	0.363	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	4.1%
Total	9.139	9.223	9.293	9.338	9.392	9.440	9.500	9.570	9.633	9.710	9.771	1.1%
Total Energy Consumption												
Distillate Fuel	1.894	1.919	1.956	1.990	2.023	2.060	2.094	2.114	2.149	2.181	2.212	2.1%
Kerosene	0.035	0.035	0.034	0.034	0.033	0.033	0.033	0.032	0.032	0.031	0.030	0.0%
Jet Fuel 9/	0.446	0.452	0.458	0.465	0.471	0.476	0.480	0.483	0.487	0.490	0.492	1.8%
Liquefied Petroleum Gas	0.196	0.199	0.202	0.204	0.207	0.210	0.212	0.214	0.216	0.218	0.220	1.4%
Motor Gasoline 2/	4.413	4.495	4.578	4.657	4.736	4.815	4.896	4.981	5.073	5.171	5.273	2.0%
Petrochemical Feedstocks	0.172	0.172	0.174	0.176	0.178	0.179	0.181	0.182	0.183	0.184	0.185	1.1%
Residual Fuel	0.639	0.637	0.625	0.603	0.607	0.607	0.608	0.606	0.605	0.604	0.603	-0.1%
Other Petroleum 12/	0.434	0.434	0.438	0.444	0.451	0.457	0.462	0.465	0.468	0.472	0.476	0.6%
Petroleum Subtotal	8.230	8.342	8.465	8.574	8.707	8.836	8.965	9.078	9.212	9.352	9.493	1.7%
Natural Gas	2.930	3.010	3.083	3.142	3.206	3.261	3.268	3.279	3.297	3.335	3.359	2.1%

Table 5. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) South Atlantic

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2003-2025
Lease and Plant Fuel 6/	0.017	0.016	0.017	0.018	0.018	0.018	0.017	0.018	0.017	0.017	0.018	0.9%
Pipeline Natural Gas	0.082	0.083	0.084	0.084	0.085	0.084	0.083	0.083	0.082	0.083	0.083	0.7%
Natural Gas Subtotal	3.028	3.108	3.184	3.244	3.309	3.362	3.369	3.380	3.396	3.436	3.460	2.1%
Metallurgical Coal	0.044	0.042	0.041	0.040	0.039	0.038	0.037	0.036	0.035	0.034	0.033	-2.8%
Steam Coal	5.174	5.203	5.234	5.258	5.262	5.273	5.336	5.431	5.505	5.583	5.656	1.1%
Net Coal Coke Imports	0.011	0.012	0.013	0.013	0.014	0.015	0.015	0.016	0.016	0.017	0.017	6.8%
Coal Subtotal	5.229	5.257	5.287	5.311	5.315	5.325	5.388	5.482	5.556	5.634	5.706	1.1%
Nuclear Power	2.174	2.174	2.174	2.174	2.174	2.174	2.174	2.174	2.174	2.174	2.174	0.3%
Renewable Energy 16/	1.019	1.025	1.033	1.051	1.066	1.077	1.089	1.099	1.107	1.109	1.106	1.4%
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	N/A
Electricity Imports	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.1%
Total	19.681	19.907	20.144	20.355	20.571	20.775	20.985	21.213	21.446	21.704	21.939	1.4%
Energy Use & Related Statistics												
Delivered Energy Use	13.973	14.182	14.419	14.656	14.886	15.115	15.331	15.563	15.811	16.075	16.325	1.8%
Total Energy Use	19.681	19.907	20.144	20.355	20.571	20.775	20.985	21.213	21.446	21.704	21.939	1.4%
Population (millions)	63.117	63.828	64.534	65.236	65.934	66.627	67.319	68.010	68.701	69.393	70.084	1.2%

Table 5. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) South Atlantic

1/ Includes wood used for residential heating. See Table A18 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 the field gathering and processing plant machinery.

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

8/ Diesel fuel containing 500 parts per million (ppm) or 15 ppm sulfur.

9/ Includes only kerosene type.

10/ Includes aviation gasoline and lubricants.

11/ 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 actually varies seasonally. The annual average ethanol content of 74 percent is used for this forecast.

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 (CHP) 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, municipal solid waste, other biomass, petroleum coke, wind, photovoltaic and solar thermal sources. Excludes net electricity imports.

16/ Includes hydroelectric, geothermal, wood and wood waste, 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.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Data for 2002 and 2003 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: 2002 and 2003 consumption based on: Energy Information Administration (EIA), Annual Energy Review 2003, DOE/EIA-0384(2003) (Washington, DC, September 2004). 2002 and 2003 population and gross domestic product: Global Insight macroeconomic model T250804. 2002 and 2003 carbon dioxide emissions: EIA, Emissions of Greenhouse Gases in the United States 2003, DOE/EIA-0573(2003) (Washington, DC, December 2004). Projections: EIA, AEO2005 National Energy Modeling System run aeo2005.d102004a.

Table 6. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) East South Central

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Energy Consumption													
Residential													
Distillate Fuel	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
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
Liquefied Petroleum Gas	0.048	0.045	0.046	0.041	0.041	0.042	0.042	0.042	0.042	0.043	0.043	0.043	0.043
Petroleum Subtotal	0.054	0.052	0.053	0.048	0.048	0.048	0.049	0.049	0.049	0.049	0.050	0.050	0.050
Natural Gas	0.210	0.220	0.216	0.223	0.226	0.231	0.236	0.239	0.242	0.244	0.245	0.245	0.245
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/	0.024	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025
Electricity	0.374	0.362	0.361	0.368	0.370	0.375	0.381	0.385	0.388	0.392	0.396	0.398	0.401
Delivered Energy	0.664	0.660	0.655	0.665	0.670	0.680	0.692	0.699	0.705	0.711	0.717	0.719	0.721
Electricity Related Losses	0.922	0.883	0.921	0.965	0.980	1.016	1.031	1.022	1.029	1.029	1.026	1.026	1.033
Total	1.586	1.543	1.576	1.631	1.650	1.696	1.724	1.721	1.734	1.740	1.743	1.745	1.754
Commercial													
Distillate Fuel	0.019	0.020	0.022	0.022	0.023	0.025	0.027	0.028	0.029	0.030	0.032	0.033	0.034
Residual Fuel	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
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
Liquefied Petroleum Gas	0.009	0.008	0.008	0.008	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009
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
Petroleum Subtotal	0.030	0.030	0.032	0.032	0.034	0.036	0.037	0.039	0.040	0.041	0.043	0.044	0.045
Natural Gas	0.146	0.147	0.145	0.153	0.157	0.162	0.166	0.170	0.173	0.176	0.178	0.181	0.183
Coal	0.009	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010
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	0.268	0.264	0.272	0.280	0.290	0.300	0.310	0.320	0.330	0.340	0.350	0.360	0.370
Delivered Energy	0.457	0.455	0.464	0.480	0.495	0.512	0.528	0.543	0.557	0.571	0.585	0.599	0.612
Electricity Related Losses	0.661	0.644	0.695	0.734	0.767	0.812	0.840	0.851	0.874	0.893	0.906	0.927	0.953
Total	1.118	1.099	1.159	1.214	1.261	1.324	1.368	1.394	1.431	1.464	1.491	1.526	1.566
Industrial 4/													
Distillate Fuel	0.066	0.069	0.069	0.070	0.069	0.069	0.069	0.069	0.069	0.069	0.070	0.070	0.071
Liquefied Petroleum Gas	0.054	0.052	0.055	0.056	0.055	0.055	0.056	0.057	0.057	0.058	0.058	0.059	0.059
Petrochemical Feedstocks	0.097	0.108	0.106	0.112	0.112	0.112	0.116	0.118	0.121	0.122	0.124	0.124	0.126
Residual Fuel	0.008	0.011	0.011	0.011	0.012	0.012	0.012	0.013	0.014	0.014	0.014	0.015	0.017
Motor Gasoline 2/	0.025	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.027	0.027	0.027
Other Petroleum 5/	0.297	0.300	0.314	0.313	0.324	0.324	0.326	0.331	0.323	0.319	0.316	0.315	0.317
Petroleum Subtotal	0.548	0.565	0.581	0.588	0.597	0.598	0.604	0.614	0.609	0.608	0.609	0.609	0.617
Natural Gas	0.495	0.456	0.459	0.469	0.477	0.481	0.491	0.495	0.510	0.524	0.532	0.537	0.540
Lease and Plant Fuel 6/	0.026	0.026	0.021	0.022	0.022	0.023	0.023	0.022	0.021	0.021	0.020	0.019	0.020
Natural Gas Subtotal	0.522	0.482	0.479	0.491	0.499	0.504	0.513	0.517	0.531	0.545	0.552	0.556	0.559
Metallurgical Coal	0.065	0.066	0.069	0.066	0.063	0.061	0.059	0.057	0.054	0.053	0.051	0.050	0.049
Steam Coal	0.177	0.177	0.176	0.179	0.179	0.178	0.179	0.179	0.180	0.180	0.180	0.180	0.180
Net Coal Coke Imports	0.005	0.004	0.013	0.012	0.011	0.010	0.011	0.012	0.010	0.010	0.011	0.011	0.012
Coal Subtotal	0.247	0.248	0.258	0.257	0.251	0.249	0.249	0.248	0.244	0.243	0.242	0.241	0.240
Renewable Energy 7/	0.291	0.293	0.307	0.314	0.317	0.320	0.325	0.330	0.332	0.336	0.339	0.342	0.346
Electricity	0.404	0.408	0.425	0.435	0.436	0.441	0.450	0.459	0.463	0.469	0.475	0.480	0.487
Delivered Energy	2.012	1.996	2.050	2.085	2.100	2.112	2.142	2.168	2.180	2.201	2.217	2.229	2.250
Electricity Related Losses	0.996	0.996	1.085	1.140	1.155	1.194	1.218	1.219	1.226	1.233	1.232	1.237	1.257
Total	3.008	2.992	3.136	3.225	3.255	3.306	3.360	3.387	3.406	3.433	3.449	3.466	3.507
Transportation													
Distillate Fuel 8/	0.472	0.482	0.507	0.527	0.537	0.549	0.567	0.583	0.594	0.606	0.616	0.624	0.636
Jet Fuel 9/	0.162	0.158	0.166	0.171	0.175	0.180	0.184	0.188	0.194	0.199	0.203	0.205	0.208
Motor Gasoline 2/	1.118	1.129	1.151	1.167	1.188	1.214	1.240	1.265	1.287	1.306	1.326	1.345	1.364
Residual Fuel	0.014	0.013	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012
Liquefied Petroleum Gas	0.001	0.001	0.001	0.002	0.002	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.003

Table 6. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) East South Central

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Other Petroleum 10/ Petroleum Subtotal	0.015 1.783	0.017 1.801	0.017 1.854	0.017 1.895	0.017 1.932	0.018 1.975	0.018 2.022	0.018 2.068	0.018 2.108	0.018 2.144	0.018 2.177	0.019 2.208	0.019 2.242
Pipeline Fuel Natural Gas	0.074	0.071	0.078	0.080	0.081	0.082	0.087	0.090	0.090	0.092	0.092	0.091	0.092
Compressed Natural Gas	0.001	0.001	0.002	0.002	0.002	0.003	0.003	0.004	0.004	0.005	0.005	0.006	0.006
Renewable Energy (E85) 11/ 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 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000
Electricity Delivered Energy	0.005 1.862	0.005 1.878	0.005 1.939	0.005 1.982	0.005 2.020	0.005 2.065	0.005 2.118	0.005 2.168	0.005 2.207	0.005 2.246	0.005 2.280	0.005 2.310	0.006 2.346
Electricity Related Losses	0.011	0.011	0.012	0.012	0.013	0.013	0.014	0.014	0.014	0.014	0.014	0.014	0.014
Total	1.874	1.889	1.951	1.995	2.032	2.078	2.132	2.181	2.221	2.260	2.294	2.324	2.360
Delivered Energy Consumption, All Sectors													
Distillate Fuel	0.561	0.575	0.601	0.621	0.632	0.646	0.666	0.684	0.696	0.708	0.720	0.730	0.743
Kerosene	0.004	0.005	0.005	0.006	0.006	0.005	0.005	0.005	0.006	0.006	0.006	0.006	0.006
Jet Fuel 9/	0.162	0.158	0.166	0.171	0.175	0.180	0.184	0.188	0.194	0.199	0.203	0.205	0.208
Liquefied Petroleum Gas	0.111	0.107	0.110	0.108	0.107	0.107	0.109	0.110	0.111	0.112	0.113	0.113	0.114
Motor Gasoline 2/	1.144	1.156	1.178	1.194	1.215	1.240	1.267	1.292	1.314	1.334	1.353	1.372	1.392
Petrochemical Feedstocks	0.097	0.108	0.106	0.112	0.112	0.112	0.116	0.118	0.121	0.122	0.124	0.124	0.126
Residual Fuel	0.023	0.025	0.023	0.023	0.025	0.025	0.025	0.026	0.026	0.026	0.027	0.027	0.030
Other Petroleum 12/ Petroleum Subtotal	0.312 2.415	0.316 2.449	0.331 2.520	0.330 2.564	0.340 2.611	0.341 2.658	0.343 2.713	0.348 2.771	0.340 2.807	0.336 2.843	0.334 2.878	0.333 2.911	0.335 2.954
Natural Gas	0.852	0.823	0.822	0.847	0.862	0.876	0.896	0.907	0.929	0.948	0.960	0.968	0.974
Lease and Plant Fuel 6/ Pipeline Natural Gas	0.026 0.074	0.026 0.071	0.021 0.078	0.022 0.080	0.022 0.081	0.023 0.082	0.023 0.087	0.022 0.090	0.021 0.090	0.021 0.092	0.020 0.092	0.019 0.091	0.020 0.092
Natural Gas Subtotal	0.953	0.921	0.920	0.948	0.965	0.981	1.006	1.020	1.039	1.060	1.073	1.079	1.086
Metallurgical Coal	0.065	0.066	0.069	0.066	0.063	0.061	0.059	0.057	0.054	0.053	0.051	0.050	0.049
Steam Coal	0.187	0.188	0.187	0.190	0.188	0.189	0.190	0.190	0.191	0.191	0.191	0.191	0.191
Net Coal Coke Imports	0.005	0.004	0.013	0.012	0.011	0.010	0.011	0.012	0.010	0.010	0.011	0.011	0.012
Coal Subtotal	0.257	0.259	0.269	0.268	0.262	0.260	0.260	0.259	0.255	0.254	0.253	0.252	0.251
Renewable Energy 13/ Liquid Hydrogen	0.319 0.000	0.322 0.000	0.336 0.000	0.344 0.000	0.346 0.000	0.350 0.000	0.355 0.000	0.360 0.000	0.362 0.000	0.365 0.000	0.369 0.000	0.372 0.000	0.376 0.000
Electricity Delivered Energy	1.051 4.996	1.038 4.988	1.062 5.108	1.088 5.212	1.101 5.285	1.121 5.369	1.146 5.480	1.169 5.577	1.186 5.649	1.206 5.729	1.226 5.799	1.243 5.856	1.263 5.930
Electricity Related Losses	2.590	2.535	2.714	2.852	2.914	3.036	3.103	3.105	3.143	3.168	3.178	3.205	3.257
Total	7.585	7.523	7.822	8.064	8.199	8.404	8.583	8.682	8.792	8.897	8.977	9.061	9.188
Electric Power 14/													
Distillate Fuel	0.024	0.034	0.021	0.023	0.023	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024
Residual Fuel	0.021	0.023	0.011	0.012	0.011	0.012	0.013	0.014	0.016	0.016	0.018	0.018	0.021
Petroleum Subtotal	0.045	0.057	0.032	0.034	0.034	0.036	0.037	0.038	0.040	0.040	0.042	0.042	0.046
Natural Gas	0.300	0.200	0.342	0.325	0.306	0.297	0.361	0.399	0.442	0.484	0.496	0.530	0.583
Steam Coal	2.360	2.388	2.456	2.596	2.669	2.736	2.763	2.748	2.758	2.762	2.769	2.769	2.785
Nuclear Power	0.714	0.699	0.722	0.734	0.745	0.828	0.828	0.828	0.828	0.828	0.835	0.845	0.845
Renewable Energy/Other 15/ Electricity Imports	0.221 0.000	0.229 0.000	0.224 0.000	0.250 0.000	0.261 0.000	0.261 0.000	0.261 0.000	0.261 0.000	0.261 0.000	0.261 0.000	0.261 0.000	0.261 0.000	0.261 0.000
Total	3.641	3.573	3.776	3.940	4.014	4.157	4.249	4.273	4.329	4.374	4.404	4.448	4.521
Total Energy Consumption													
Distillate Fuel	0.586	0.609	0.622	0.644	0.655	0.670	0.690	0.707	0.720	0.732	0.744	0.754	0.768
Kerosene	0.004	0.005	0.005	0.006	0.006	0.005	0.005	0.005	0.006	0.006	0.006	0.006	0.006
Jet Fuel 9/	0.162	0.158	0.166	0.171	0.175	0.180	0.184	0.188	0.194	0.199	0.203	0.205	0.208
Liquefied Petroleum Gas	0.111	0.107	0.110	0.108	0.107	0.107	0.109	0.110	0.111	0.112	0.113	0.113	0.114
Motor Gasoline 2/	1.144	1.156	1.178	1.194	1.215	1.240	1.267	1.292	1.314	1.334	1.353	1.372	1.392
Petrochemical Feedstocks	0.097	0.108	0.106	0.112	0.112	0.112	0.116	0.118	0.121	0.122	0.124	0.124	0.126
Residual Fuel	0.044	0.047	0.034	0.035	0.036	0.037	0.038	0.040	0.042	0.042	0.044	0.045	0.051
Other Petroleum 12/ Petroleum Subtotal	0.312 2.460	0.316 2.506	0.331 2.551	0.330 2.599	0.340 2.645	0.341 2.693	0.343 2.750	0.348 2.809	0.340 2.846	0.336 2.883	0.334 2.920	0.333 2.953	0.335 3.000
Natural Gas	1.152	1.023	1.164	1.171	1.168	1.173	1.257	1.306	1.371	1.432	1.456	1.498	1.557

Table 6. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) East South Central

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Lease and Plant Fuel 6/	0.026	0.026	0.021	0.022	0.022	0.023	0.023	0.022	0.021	0.021	0.020	0.019	0.020
Pipeline Natural Gas	0.074	0.071	0.078	0.080	0.081	0.082	0.087	0.090	0.090	0.092	0.092	0.091	0.092
Natural Gas Subtotal	1.253	1.120	1.262	1.273	1.271	1.277	1.367	1.418	1.482	1.544	1.569	1.608	1.669
Metallurgical Coal	0.065	0.066	0.069	0.066	0.063	0.061	0.059	0.057	0.054	0.053	0.051	0.050	0.049
Steam Coal	2.547	2.576	2.643	2.786	2.857	2.925	2.952	2.939	2.949	2.953	2.960	2.960	2.976
Net Coal Coke Imports	0.005	0.004	0.013	0.012	0.011	0.010	0.011	0.012	0.010	0.010	0.011	0.011	0.012
Coal Subtotal	2.617	2.647	2.726	2.864	2.931	2.996	3.023	3.007	3.013	3.016	3.022	3.021	3.036
Nuclear Power	0.714	0.699	0.722	0.734	0.745	0.828	0.828	0.828	0.828	0.828	0.835	0.845	0.845
Renewable Energy 16/	0.541	0.551	0.560	0.594	0.607	0.610	0.616	0.621	0.623	0.627	0.630	0.633	0.637
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
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	7.585	7.523	7.822	8.064	8.199	8.404	8.583	8.682	8.792	8.897	8.977	9.061	9.188
Energy Use & Related Statistics													
Delivered Energy Use	4.996	4.988	5.108	5.212	5.285	5.369	5.480	5.577	5.649	5.729	5.799	5.856	5.930
Total Energy Use	7.585	7.523	7.822	8.064	8.199	8.404	8.583	8.682	8.792	8.897	8.977	9.061	9.188
Population (millions)	17.263	17.376	17.481	17.582	17.681	17.776	17.868	17.960	18.049	18.136	18.222	18.307	18.389

Table 6. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) East South Central

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2003-2025
Energy Consumption												
Residential												
Distillate Fuel	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.002	0.002	-2.1%
Kerosene	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	1.2%
Liquefied Petroleum Gas	0.043	0.043	0.043	0.043	0.043	0.043	0.043	0.043	0.043	0.043	0.043	-0.3%
Petroleum Subtotal	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.049	0.049	0.049	-0.3%
Natural Gas	0.244	0.245	0.244	0.244	0.243	0.243	0.241	0.240	0.240	0.240	0.238	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	-0.9%
Renewable Energy 1/	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.024	0.024	0.024	-0.1%
Electricity	0.403	0.406	0.407	0.409	0.411	0.413	0.414	0.416	0.418	0.421	0.422	0.7%
Delivered Energy	0.723	0.727	0.728	0.729	0.730	0.732	0.731	0.732	0.733	0.736	0.735	0.5%
Electricity Related Losses	1.038	1.056	1.064	1.100	1.134	1.186	1.229	1.284	1.316	1.349	1.365	2.0%
Total	1.762	1.783	1.792	1.829	1.864	1.918	1.960	2.016	2.049	2.085	2.099	1.4%
Commercial												
Distillate Fuel	0.035	0.036	0.037	0.039	0.040	0.041	0.042	0.043	0.045	0.046	0.047	3.9%
Residual Fuel	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-1.1%
Kerosene	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	1.4%
Liquefied Petroleum Gas	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.7%
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	0.6%
Petroleum Subtotal	0.046	0.047	0.049	0.050	0.051	0.052	0.053	0.055	0.056	0.057	0.059	3.1%
Natural Gas	0.186	0.189	0.193	0.195	0.198	0.201	0.204	0.207	0.211	0.215	0.219	1.8%
Coal	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/	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.0%
Electricity	0.380	0.391	0.402	0.413	0.425	0.436	0.448	0.461	0.474	0.487	0.501	3.0%
Delivered Energy	0.627	0.642	0.658	0.673	0.688	0.703	0.719	0.737	0.755	0.774	0.794	2.6%
Electricity Related Losses	0.979	1.016	1.051	1.111	1.172	1.250	1.330	1.422	1.491	1.561	1.622	4.3%
Total	1.605	1.658	1.708	1.784	1.860	1.954	2.049	2.158	2.246	2.335	2.416	3.6%
Industrial 4/												
Distillate Fuel	0.071	0.071	0.072	0.073	0.074	0.075	0.075	0.076	0.077	0.077	0.078	0.6%
Liquefied Petroleum Gas	0.060	0.060	0.061	0.061	0.062	0.063	0.063	0.064	0.064	0.064	0.065	1.0%
Petrochemical Feedstocks	0.127	0.126	0.128	0.129	0.131	0.132	0.133	0.134	0.134	0.135	0.136	1.1%
Residual Fuel	0.017	0.017	0.017	0.018	0.019	0.019	0.018	0.018	0.018	0.018	0.019	2.6%
Motor Gasoline 2/	0.027	0.027	0.028	0.028	0.028	0.028	0.029	0.029	0.029	0.029	0.030	0.6%
Other Petroleum 5/	0.323	0.328	0.334	0.341	0.348	0.354	0.358	0.360	0.363	0.368	0.373	1.0%
Petroleum Subtotal	0.624	0.630	0.639	0.651	0.662	0.671	0.676	0.680	0.685	0.693	0.700	1.0%
Natural Gas	0.539	0.543	0.548	0.551	0.555	0.558	0.563	0.568	0.573	0.577	0.581	1.1%
Lease and Plant Fuel 6/	0.018	0.017	0.017	0.017	0.017	0.017	0.016	0.016	0.016	0.016	0.016	-2.2%
Natural Gas Subtotal	0.558	0.560	0.565	0.568	0.572	0.575	0.579	0.584	0.589	0.593	0.597	1.0%
Metallurgical Coal	0.047	0.046	0.045	0.043	0.042	0.041	0.040	0.039	0.038	0.037	0.036	-2.8%
Steam Coal	0.180	0.180	0.180	0.180	0.181	0.181	0.181	0.181	0.181	0.182	0.182	0.1%
Net Coal Coke Imports	0.012	0.013	0.014	0.014	0.015	0.016	0.016	0.017	0.018	0.018	0.019	6.8%
Coal Subtotal	0.239	0.238	0.238	0.238	0.238	0.238	0.237	0.237	0.236	0.236	0.236	-0.2%
Renewable Energy 7/	0.350	0.352	0.357	0.363	0.369	0.374	0.379	0.384	0.388	0.393	0.396	1.4%
Electricity	0.492	0.494	0.501	0.509	0.515	0.521	0.526	0.531	0.537	0.543	0.549	1.4%
Delivered Energy	2.264	2.275	2.301	2.330	2.355	2.377	2.397	2.414	2.435	2.458	2.479	1.0%
Electricity Related Losses	1.266	1.284	1.309	1.369	1.422	1.493	1.560	1.637	1.689	1.740	1.776	2.7%
Total	3.530	3.559	3.610	3.699	3.777	3.871	3.956	4.052	4.124	4.198	4.255	1.6%
Transportation												
Distillate Fuel 8/	0.644	0.651	0.661	0.671	0.680	0.689	0.696	0.704	0.714	0.723	0.732	1.9%
Jet Fuel 9/	0.211	0.213	0.215	0.218	0.220	0.222	0.223	0.223	0.224	0.225	0.225	1.6%
Motor Gasoline 2/	1.382	1.399	1.416	1.432	1.447	1.462	1.478	1.494	1.513	1.533	1.553	1.5%
Residual Fuel	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.011	-0.7%
Liquefied Petroleum Gas	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	6.3%

Table 6. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) East South Central

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2003-2025
Other Petroleum 10/ Petroleum Subtotal	0.019 2.272	0.019 2.297	0.020 2.327	0.020 2.356	0.020 2.383	0.020 2.408	0.021 2.433	0.021 2.458	0.021 2.487	0.022 2.518	0.022 2.548	1.1% 1.6%
Pipeline Fuel Natural Gas	0.093	0.091	0.093	0.093	0.094	0.092	0.091	0.091	0.091	0.092	0.094	1.3%
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	8.6%
Renewable Energy (E85) 11/ 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 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	6.5% N/A
Electricity	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.007	1.6%
Delivered Energy	2.377	2.401	2.433	2.462	2.490	2.515	2.538	2.564	2.593	2.625	2.656	1.6%
Electricity Related Losses	0.014	0.015	0.015	0.016	0.016	0.017	0.018	0.019	0.020	0.021	0.021	2.9%
Total	2.391	2.416	2.448	2.478	2.507	2.532	2.556	2.583	2.613	2.645	2.677	1.6%
Delivered Energy Consumption, All Sectors												
Distillate Fuel	0.754	0.761	0.773	0.786	0.797	0.807	0.816	0.826	0.837	0.849	0.860	1.8%
Kerosene	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	1.0%
Jet Fuel 9/	0.211	0.213	0.215	0.218	0.220	0.222	0.223	0.223	0.224	0.225	0.225	1.6%
Liquefied Petroleum Gas	0.115	0.115	0.116	0.117	0.118	0.119	0.119	0.120	0.120	0.120	0.121	0.6%
Motor Gasoline 2/	1.411	1.427	1.445	1.461	1.476	1.492	1.507	1.524	1.543	1.563	1.584	1.4%
Petrochemical Feedstocks	0.127	0.126	0.128	0.129	0.131	0.132	0.133	0.134	0.134	0.135	0.136	1.1%
Residual Fuel	0.029	0.029	0.029	0.030	0.031	0.031	0.030	0.030	0.030	0.030	0.031	1.0%
Other Petroleum 12/ Petroleum Subtotal	0.341 2.992	0.346 3.024	0.352 3.065	0.360 3.107	0.367 3.146	0.374 3.181	0.378 3.212	0.380 3.242	0.383 3.277	0.389 3.317	0.394 3.356	1.0% 1.4%
Natural Gas	0.976	0.984	0.992	0.998	1.003	1.009	1.015	1.023	1.032	1.040	1.046	1.1%
Lease and Plant Fuel 6/ Pipeline Natural Gas	0.018 0.093	0.017 0.091	0.017 0.093	0.017 0.093	0.017 0.094	0.017 0.092	0.016 0.091	0.016 0.091	0.016 0.091	0.016 0.092	0.016 0.094	-2.2% 1.3%
Natural Gas Subtotal	1.087	1.092	1.101	1.108	1.114	1.118	1.122	1.130	1.139	1.148	1.156	1.0%
Metallurgical Coal	0.047	0.046	0.045	0.043	0.042	0.041	0.040	0.039	0.038	0.037	0.036	-2.8%
Steam Coal	0.190	0.191	0.191	0.191	0.191	0.192	0.192	0.192	0.192	0.192	0.193	0.1%
Net Coal Coke Imports	0.012	0.013	0.014	0.014	0.015	0.016	0.016	0.017	0.018	0.018	0.019	6.8%
Coal Subtotal	0.250	0.249	0.249	0.249	0.249	0.248	0.248	0.247	0.247	0.247	0.247	-0.2%
Renewable Energy 13/ Liquid Hydrogen	0.380 0.000	0.382 0.000	0.387 0.000	0.392 0.000	0.398 0.000	0.403 0.000	0.408 0.000	0.413 0.000	0.417 0.000	0.422 0.000	0.425 0.000	1.3% N/A
Electricity	1.281	1.297	1.317	1.338	1.356	1.376	1.394	1.414	1.435	1.458	1.479	1.6%
Delivered Energy	5.990	6.045	6.119	6.194	6.263	6.327	6.384	6.447	6.516	6.593	6.663	1.3%
Electricity Related Losses	3.298	3.371	3.438	3.596	3.745	3.947	4.137	4.362	4.517	4.671	4.784	2.9%
Total	9.288	9.416	9.557	9.790	10.008	10.274	10.521	10.809	11.033	11.263	11.447	1.9%
Electric Power 14/												
Distillate Fuel	0.025	0.025	0.025	0.027	0.028	0.030	0.032	0.035	0.036	0.038	0.039	0.6%
Residual Fuel	0.021	0.022	0.023	0.025	0.028	0.028	0.028	0.028	0.028	0.027	0.027	0.8%
Petroleum Subtotal	0.046	0.047	0.048	0.052	0.056	0.059	0.060	0.063	0.064	0.065	0.066	0.7%
Natural Gas	0.633	0.700	0.752	0.778	0.831	0.823	0.824	0.841	0.830	0.863	0.878	7.0%
Steam Coal	2.791	2.812	2.845	2.994	3.101	3.328	3.532	3.759	3.942	4.083	4.199	2.6%
Nuclear Power	0.845	0.845	0.845	0.845	0.845	0.845	0.845	0.845	0.845	0.845	0.845	0.9%
Renewable Energy/Other 15/ Electricity Imports	0.264 0.000	0.264 0.000	0.265 0.000	0.265 0.000	0.265 0.000	0.268 0.000	0.269 0.000	0.268 0.000	0.270 0.000	0.273 0.000	0.275 0.000	0.8% N/A
Total	4.579	4.668	4.755	4.934	5.101	5.323	5.530	5.776	5.952	6.129	6.263	2.6%
Total Energy Consumption												
Distillate Fuel	0.778	0.786	0.799	0.813	0.825	0.838	0.849	0.861	0.874	0.887	0.899	1.8%
Kerosene	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	1.0%
Jet Fuel 9/	0.211	0.213	0.215	0.218	0.220	0.222	0.223	0.223	0.224	0.225	0.225	1.6%
Liquefied Petroleum Gas	0.115	0.115	0.116	0.117	0.118	0.119	0.119	0.120	0.120	0.120	0.121	0.6%
Motor Gasoline 2/	1.411	1.427	1.445	1.461	1.476	1.492	1.507	1.524	1.543	1.563	1.584	1.4%
Petrochemical Feedstocks	0.127	0.126	0.128	0.129	0.131	0.132	0.133	0.134	0.134	0.135	0.136	1.1%
Residual Fuel	0.050	0.051	0.052	0.055	0.059	0.059	0.058	0.058	0.058	0.058	0.058	0.9%
Other Petroleum 12/ Petroleum Subtotal	0.341 3.038	0.346 3.071	0.352 3.113	0.360 3.158	0.367 3.202	0.374 3.240	0.378 3.272	0.380 3.305	0.383 3.342	0.389 3.382	0.394 3.422	1.0% 1.4%
Natural Gas	1.609	1.684	1.744	1.776	1.835	1.832	1.840	1.864	1.863	1.903	1.924	2.9%

Table 6. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) East South Central

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2003-2025
Lease and Plant Fuel 6/	0.018	0.017	0.017	0.017	0.017	0.017	0.016	0.016	0.016	0.016	0.016	-2.2%
Pipeline Natural Gas	0.093	0.091	0.093	0.093	0.094	0.092	0.091	0.091	0.091	0.092	0.094	1.3%
Natural Gas Subtotal	1.720	1.792	1.854	1.886	1.946	1.941	1.947	1.971	1.969	2.011	2.034	2.7%
Metallurgical Coal	0.047	0.046	0.045	0.043	0.042	0.041	0.040	0.039	0.038	0.037	0.036	-2.8%
Steam Coal	2.981	3.003	3.036	3.186	3.293	3.520	3.724	3.951	4.134	4.275	4.392	2.5%
Net Coal Coke Imports	0.012	0.013	0.014	0.014	0.015	0.016	0.016	0.017	0.018	0.018	0.019	6.8%
Coal Subtotal	3.041	3.061	3.094	3.243	3.350	3.577	3.780	4.007	4.189	4.330	4.446	2.4%
Nuclear Power	0.845	0.845	0.845	0.845	0.845	0.845	0.845	0.845	0.845	0.845	0.845	0.9%
Renewable Energy 16/	0.643	0.646	0.652	0.657	0.666	0.671	0.677	0.681	0.687	0.695	0.700	1.1%
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Electricity Imports	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Total	9.288	9.416	9.557	9.790	10.008	10.274	10.521	10.809	11.033	11.263	11.447	1.9%
Energy Use & Related Statistics												
Delivered Energy Use	5.990	6.045	6.119	6.194	6.263	6.327	6.384	6.447	6.516	6.593	6.663	1.3%
Total Energy Use	9.288	9.416	9.557	9.790	10.008	10.274	10.521	10.809	11.033	11.263	11.447	1.9%
Population (millions)	18.470	18.549	18.625	18.699	18.771	18.840	18.908	18.975	19.041	19.107	19.171	0.4%

Table 6. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) East South Central

1/ Includes wood used for residential heating. See Table A18 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 the field gathering and processing plant machinery.

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

8/ Diesel fuel containing 500 parts per million (ppm) or 15 ppm sulfur.

9/ Includes only kerosene type.

10/ Includes aviation gasoline and lubricants.

11/ 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 actually varies seasonally. The annual average ethanol content of 74 percent is used for this forecast.

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 (CHP) 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, municipal solid waste, other biomass, petroleum coke, wind, photovoltaic and solar thermal sources. Excludes net electricity imports.

16/ Includes hydroelectric, geothermal, wood and wood waste, 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.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Data for 2002 and 2003 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: 2002 and 2003 consumption based on: Energy Information Administration (EIA), Annual Energy Review 2003, DOE/EIA-0384(2003) (Washington, DC, September 2004). 2002 and 2003 population and gross domestic product: Global Insight macroeconomic model T250804. 2002 and 2003 carbon dioxide emissions: EIA, Emissions of Greenhouse Gases in the United States 2003, DOE/EIA-0573(2003) (Washington, DC, December 2004). Projections: EIA, AEO2005 National Energy Modeling System run aeo2005.d102004a.

Table 7. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) West South Central

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Energy Consumption													
Residential													
Distillate Fuel	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
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
Liquefied Petroleum Gas	0.034	0.032	0.034	0.031	0.032	0.033	0.034	0.035	0.036	0.036	0.037	0.038	0.038
Petroleum Subtotal	0.035	0.033	0.034	0.032	0.033	0.034	0.035	0.036	0.036	0.037	0.038	0.039	0.039
Natural Gas	0.379	0.378	0.367	0.377	0.383	0.392	0.403	0.410	0.417	0.424	0.430	0.432	0.435
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/	0.020	0.019	0.018	0.019	0.019	0.019	0.019	0.019	0.019	0.019	0.019	0.019	0.019
Electricity	0.636	0.653	0.654	0.680	0.694	0.709	0.728	0.742	0.757	0.770	0.785	0.796	0.809
Delivered Energy	1.069	1.082	1.074	1.109	1.129	1.154	1.185	1.206	1.230	1.251	1.273	1.287	1.303
Electricity Related Losses	1.364	1.373	1.108	1.166	1.190	1.209	1.243	1.255	1.287	1.313	1.345	1.363	1.375
Total	2.433	2.456	2.182	2.275	2.319	2.364	2.427	2.462	2.517	2.563	2.618	2.650	2.678
Commercial													
Distillate Fuel	0.030	0.031	0.032	0.031	0.033	0.034	0.036	0.038	0.038	0.039	0.039	0.040	0.041
Residual Fuel	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Kerosene	0.000	0.000	0.001	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Liquefied Petroleum Gas	0.014	0.013	0.014	0.013	0.013	0.013	0.013	0.013	0.014	0.014	0.014	0.014	0.014
Motor Gasoline 2/	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
Petroleum Subtotal	0.051	0.050	0.052	0.051	0.052	0.054	0.056	0.058	0.059	0.059	0.060	0.060	0.061
Natural Gas	0.308	0.299	0.297	0.296	0.304	0.313	0.322	0.329	0.335	0.341	0.346	0.350	0.354
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/	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
Electricity	0.510	0.515	0.521	0.535	0.551	0.569	0.589	0.607	0.625	0.643	0.661	0.678	0.695
Delivered Energy	0.871	0.867	0.873	0.884	0.910	0.939	0.970	0.996	1.022	1.046	1.068	1.091	1.113
Electricity Related Losses	1.094	1.084	0.883	0.917	0.945	0.971	1.005	1.027	1.063	1.095	1.131	1.161	1.182
Total	1.965	1.951	1.756	1.801	1.855	1.910	1.975	2.024	2.084	2.141	2.199	2.252	2.295
Industrial 4/													
Distillate Fuel	0.184	0.191	0.193	0.194	0.191	0.191	0.192	0.193	0.192	0.193	0.193	0.194	0.196
Liquefied Petroleum Gas	1.750	1.680	1.747	1.804	1.782	1.773	1.807	1.839	1.848	1.871	1.892	1.906	1.932
Petrochemical Feedstocks	0.560	0.621	0.610	0.647	0.646	0.647	0.667	0.683	0.697	0.705	0.713	0.718	0.727
Residual Fuel	0.014	0.018	0.019	0.019	0.019	0.019	0.018	0.028	0.030	0.030	0.037	0.045	0.076
Motor Gasoline 2/	0.043	0.043	0.044	0.044	0.043	0.043	0.044	0.044	0.044	0.044	0.045	0.045	0.045
Other Petroleum 5/	1.282	1.340	1.371	1.388	1.425	1.476	1.524	1.550	1.452	1.361	1.333	1.318	1.330
Petroleum Subtotal	3.833	3.894	3.983	4.095	4.105	4.150	4.252	4.337	4.263	4.203	4.214	4.227	4.306
Natural Gas	3.255	2.993	3.010	3.078	3.144	3.160	3.203	3.224	3.369	3.500	3.570	3.621	3.640
Lease and Plant Fuel 6/	0.521	0.520	0.531	0.543	0.544	0.560	0.575	0.596	0.594	0.610	0.613	0.604	0.603
Natural Gas Subtotal	3.776	3.513	3.541	3.621	3.689	3.720	3.778	3.820	3.964	4.109	4.183	4.225	4.243
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
Steam Coal	0.096	0.095	0.094	0.096	0.096	0.097	0.097	0.097	0.098	0.098	0.098	0.098	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	0.096	0.095	0.094	0.096	0.096	0.097	0.097	0.097	0.098	0.098	0.098	0.098	0.098
Renewable Energy 7/	0.281	0.279	0.293	0.300	0.302	0.306	0.311	0.315	0.317	0.321	0.324	0.327	0.331
Electricity	0.533	0.536	0.557	0.570	0.572	0.595	0.608	0.618	0.622	0.631	0.639	0.645	0.661
Delivered Energy	8.520	8.318	8.469	8.682	8.764	8.867	9.046	9.188	9.264	9.361	9.457	9.522	9.638
Electricity Related Losses	1.144	1.128	0.943	0.977	0.982	1.014	1.039	1.047	1.059	1.074	1.094	1.105	1.124
Total	9.664	9.446	9.413	9.659	9.746	9.881	10.085	10.235	10.323	10.436	10.551	10.627	10.763
Transportation													
Distillate Fuel 8/	1.000	1.021	1.073	1.121	1.148	1.181	1.225	1.265	1.297	1.329	1.358	1.385	1.418
Jet Fuel 9/	0.859	0.838	0.880	0.909	0.939	0.972	0.995	1.023	1.061	1.094	1.122	1.145	1.168
Motor Gasoline 2/	2.018	2.038	2.077	2.116	2.157	2.209	2.264	2.321	2.373	2.422	2.471	2.520	2.571
Residual Fuel	0.183	0.174	0.156	0.157	0.158	0.159	0.160	0.161	0.161	0.162	0.162	0.163	0.163
Liquefied Petroleum Gas	0.003	0.004	0.004	0.005	0.006	0.006	0.006	0.007	0.007	0.008	0.008	0.008	0.009

Table 7. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) West South Central

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Other Petroleum 10/ Petroleum Subtotal	0.030 4.093	0.041 4.115	0.042 4.232	0.042 4.349	0.042 4.449	0.043 4.569	0.044 4.693	0.044 4.821	0.045 4.945	0.046 5.060	0.046 5.168	0.047 5.269	0.048 5.377
Pipeline Fuel Natural Gas	0.173	0.165	0.153	0.157	0.159	0.161	0.169	0.173	0.172	0.176	0.177	0.176	0.179
Compressed Natural Gas	0.001	0.002	0.003	0.003	0.004	0.004	0.005	0.006	0.006	0.007	0.008	0.008	0.009
Renewable Energy (E85) 11/ 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 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000
Electricity	0.009	0.009	0.009	0.009	0.009	0.010	0.010	0.010	0.010	0.011	0.011	0.011	0.011
Delivered Energy	4.276	4.291	4.396	4.519	4.621	4.744	4.878	5.011	5.133	5.254	5.363	5.464	5.576
Electricity Related Losses	0.018	0.018	0.015	0.016	0.016	0.016	0.017	0.017	0.018	0.018	0.018	0.019	0.019
Total	4.294	4.310	4.411	4.535	4.637	4.761	4.894	5.028	5.151	5.272	5.382	5.483	5.595
Delivered Energy Consumption, All Sectors													
Distillate Fuel	1.214	1.243	1.297	1.346	1.371	1.407	1.453	1.496	1.527	1.560	1.591	1.619	1.655
Kerosene	0.006	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
Jet Fuel 9/	0.859	0.838	0.880	0.909	0.939	0.972	0.995	1.023	1.061	1.094	1.122	1.145	1.168
Liquefied Petroleum Gas	1.802	1.729	1.798	1.853	1.833	1.826	1.861	1.894	1.905	1.928	1.951	1.966	1.993
Motor Gasoline 2/	2.067	2.087	2.128	2.166	2.206	2.259	2.314	2.371	2.423	2.472	2.522	2.571	2.622
Petrochemical Feedstocks	0.560	0.621	0.610	0.647	0.646	0.647	0.667	0.683	0.697	0.705	0.713	0.718	0.727
Residual Fuel	0.196	0.193	0.175	0.176	0.176	0.177	0.178	0.188	0.191	0.192	0.199	0.208	0.239
Other Petroleum 12/ Petroleum Subtotal	1.307 8.011	1.374 8.093	1.406 8.302	1.423 8.527	1.460 8.639	1.512 8.807	1.561 9.036	1.587 9.252	1.489 9.302	1.399 9.360	1.372 9.479	1.358 9.594	1.371 9.784
Natural Gas	3.943	3.673	3.677	3.754	3.835	3.869	3.934	3.969	4.129	4.271	4.353	4.412	4.437
Lease and Plant Fuel 6/ Pipeline Natural Gas	0.521 0.173	0.520 0.165	0.531 0.153	0.543 0.157	0.544 0.159	0.560 0.161	0.575 0.169	0.596 0.173	0.594 0.172	0.610 0.176	0.613 0.177	0.604 0.176	0.603 0.179
Natural Gas Subtotal	4.637	4.357	4.361	4.454	4.538	4.590	4.677	4.738	4.895	5.057	5.143	5.192	5.219
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
Steam Coal	0.097	0.096	0.094	0.096	0.096	0.097	0.097	0.097	0.098	0.098	0.098	0.098	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	0.097	0.096	0.094	0.096	0.096	0.097	0.097	0.097	0.098	0.098	0.098	0.098	0.098
Renewable Energy 13/ Liquid Hydrogen	0.303 0.000	0.300 0.000	0.314 0.000	0.322 0.000	0.324 0.000	0.328 0.000	0.333 0.000	0.337 0.000	0.340 0.000	0.343 0.000	0.347 0.000	0.349 0.000	0.353 0.000
Electricity	1.688	1.713	1.742	1.795	1.826	1.883	1.935	1.977	2.014	2.054	2.095	2.131	2.176
Delivered Energy	14.736	14.559	14.813	15.194	15.424	15.705	16.078	16.402	16.649	16.912	17.162	17.364	17.630
Electricity Related Losses	3.620	3.604	2.949	3.076	3.133	3.211	3.304	3.346	3.426	3.500	3.588	3.647	3.701
Total	18.356	18.163	17.762	18.271	18.557	18.916	19.382	19.748	20.075	20.412	20.750	21.011	21.331
Electric Power 14/													
Distillate Fuel	0.021	0.030	0.019	0.020	0.020	0.021	0.021	0.021	0.021	0.021	0.021	0.022	0.022
Residual Fuel	0.020	0.030	0.018	0.019	0.019	0.019	0.019	0.019	0.019	0.020	0.020	0.020	0.021
Petroleum Subtotal	0.041	0.060	0.038	0.038	0.039	0.039	0.040	0.040	0.040	0.041	0.041	0.042	0.043
Natural Gas	2.158	1.941	1.561	1.615	1.627	1.700	1.827	1.942	2.042	2.152	2.276	2.369	2.466
Steam Coal	2.330	2.544	2.279	2.364	2.432	2.479	2.493	2.453	2.453	2.455	2.456	2.455	2.454
Nuclear Power	0.687	0.677	0.691	0.703	0.706	0.708	0.710	0.712	0.729	0.731	0.732	0.734	0.735
Renewable Energy/Other 15/ Electricity Imports	0.092 0.000	0.095 0.000	0.122 0.000	0.151 0.000	0.156 0.000	0.169 0.000	0.168 0.000	0.176 0.000	0.177 0.000	0.177 0.000	0.177 0.000	0.179 0.000	0.179 0.000
Total	5.308	5.317	4.691	4.871	4.959	5.094	5.239	5.323	5.440	5.554	5.683	5.778	5.877
Total Energy Consumption													
Distillate Fuel	1.235	1.273	1.316	1.365	1.391	1.427	1.473	1.517	1.548	1.581	1.612	1.641	1.677
Kerosene	0.006	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
Jet Fuel 9/	0.859	0.838	0.880	0.909	0.939	0.972	0.995	1.023	1.061	1.094	1.122	1.145	1.168
Liquefied Petroleum Gas	1.802	1.729	1.798	1.853	1.833	1.826	1.861	1.894	1.905	1.928	1.951	1.966	1.993
Motor Gasoline 2/	2.067	2.087	2.128	2.166	2.206	2.259	2.314	2.371	2.423	2.472	2.522	2.571	2.622
Petrochemical Feedstocks	0.560	0.621	0.610	0.647	0.646	0.647	0.667	0.683	0.697	0.705	0.713	0.718	0.727
Residual Fuel	0.216	0.223	0.193	0.194	0.195	0.196	0.197	0.208	0.210	0.211	0.219	0.228	0.260
Other Petroleum 12/ Petroleum Subtotal	1.307 8.052	1.374 8.153	1.406 8.339	1.423 8.566	1.460 8.678	1.512 8.847	1.561 9.036	1.587 9.292	1.489 9.342	1.399 9.400	1.372 9.520	1.358 9.636	1.371 9.826
Natural Gas	6.101	5.613	5.238	5.369	5.462	5.569	5.760	5.911	6.170	6.423	6.630	6.781	6.904

Table 7. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) West South Central

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Lease and Plant Fuel 6/	0.521	0.520	0.531	0.543	0.544	0.560	0.575	0.596	0.594	0.610	0.613	0.604	0.603
Pipeline Natural Gas	0.173	0.165	0.153	0.157	0.159	0.161	0.169	0.173	0.172	0.176	0.177	0.176	0.179
Natural Gas Subtotal	6.795	6.298	5.922	6.069	6.165	6.290	6.504	6.680	6.936	7.209	7.420	7.561	7.686
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
Steam Coal	2.426	2.639	2.373	2.460	2.528	2.575	2.590	2.550	2.551	2.553	2.554	2.553	2.552
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	2.426	2.639	2.373	2.460	2.528	2.575	2.590	2.550	2.551	2.553	2.554	2.553	2.552
Nuclear Power	0.687	0.677	0.691	0.703	0.706	0.708	0.710	0.712	0.729	0.731	0.732	0.734	0.735
Renewable Energy 16/	0.395	0.396	0.437	0.473	0.480	0.496	0.501	0.513	0.516	0.520	0.524	0.528	0.533
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
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	18.356	18.163	17.762	18.271	18.557	18.916	19.382	19.748	20.075	20.412	20.750	21.011	21.331
Energy Use & Related Statistics													
Delivered Energy Use	14.736	14.559	14.813	15.194	15.424	15.705	16.078	16.402	16.649	16.912	17.162	17.364	17.630
Total Energy Use	18.356	18.163	17.762	18.271	18.557	18.916	19.382	19.748	20.075	20.412	20.750	21.011	21.331
Population (millions)	32.479	32.917	33.345	33.771	34.198	34.623	35.046	35.473	35.900	36.329	36.760	37.193	37.627

Table 7. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) West South Central

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2003-2025
Energy Consumption												
Residential												
Distillate Fuel	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.3%
Kerosene	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.5%
Liquefied Petroleum Gas	0.039	0.040	0.040	0.041	0.042	0.042	0.043	0.043	0.044	0.045	0.046	1.6%
Petroleum Subtotal	0.040	0.041	0.041	0.042	0.042	0.043	0.044	0.044	0.045	0.046	0.046	1.6%
Natural Gas	0.438	0.443	0.445	0.449	0.452	0.457	0.460	0.466	0.472	0.479	0.484	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	-0.9%
Renewable Energy 1/	0.019	0.020	0.019	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.2%
Electricity	0.821	0.836	0.847	0.859	0.871	0.885	0.896	0.910	0.925	0.943	0.956	1.7%
Delivered Energy	1.319	1.339	1.353	1.369	1.385	1.405	1.419	1.440	1.462	1.488	1.506	1.5%
Electricity Related Losses	1.388	1.392	1.396	1.396	1.404	1.401	1.402	1.413	1.415	1.433	1.435	0.2%
Total	2.706	2.731	2.749	2.765	2.789	2.806	2.822	2.853	2.877	2.921	2.940	0.8%
Commercial												
Distillate Fuel	0.041	0.042	0.043	0.044	0.044	0.045	0.046	0.047	0.047	0.048	0.049	2.2%
Residual Fuel	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-1.3%
Kerosene	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.4%
Liquefied Petroleum Gas	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.3%
Motor Gasoline 2/	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.1%
Petroleum Subtotal	0.062	0.062	0.063	0.064	0.065	0.065	0.066	0.067	0.068	0.069	0.069	1.5%
Natural Gas	0.358	0.363	0.369	0.374	0.378	0.383	0.388	0.395	0.402	0.410	0.417	1.5%
Coal	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-4.0%
Renewable Energy 3/	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.0%
Electricity	0.712	0.731	0.750	0.769	0.785	0.803	0.821	0.841	0.862	0.884	0.906	2.6%
Delivered Energy	1.135	1.160	1.185	1.209	1.231	1.254	1.279	1.306	1.335	1.365	1.396	2.2%
Electricity Related Losses	1.203	1.217	1.236	1.249	1.267	1.271	1.286	1.306	1.318	1.344	1.361	1.0%
Total	2.338	2.377	2.421	2.458	2.498	2.525	2.565	2.612	2.653	2.709	2.756	1.6%
Industrial 4/												
Distillate Fuel	0.198	0.199	0.201	0.203	0.206	0.208	0.210	0.211	0.213	0.215	0.217	0.6%
Liquefied Petroleum Gas	1.942	1.943	1.969	1.994	2.020	2.038	2.056	2.068	2.082	2.096	2.109	1.0%
Petrochemical Feedstocks	0.730	0.730	0.737	0.745	0.753	0.760	0.766	0.771	0.776	0.781	0.785	1.1%
Residual Fuel	0.064	0.067	0.069	0.081	0.084	0.082	0.067	0.067	0.068	0.073	0.077	6.8%
Motor Gasoline 2/	0.046	0.046	0.046	0.047	0.047	0.048	0.048	0.049	0.049	0.049	0.050	0.6%
Other Petroleum 5/	1.380	1.415	1.460	1.484	1.511	1.556	1.585	1.597	1.608	1.629	1.644	0.9%
Petroleum Subtotal	4.360	4.399	4.481	4.554	4.621	4.692	4.732	4.762	4.796	4.843	4.882	1.0%
Natural Gas	3.639	3.660	3.689	3.708	3.726	3.742	3.780	3.809	3.842	3.864	3.881	1.2%
Lease and Plant Fuel 6/	0.588	0.574	0.574	0.577	0.564	0.554	0.547	0.534	0.526	0.535	0.542	0.2%
Natural Gas Subtotal	4.227	4.233	4.264	4.285	4.290	4.296	4.327	4.343	4.368	4.398	4.422	1.1%
Metallurgical Coal	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Steam Coal	0.098	0.098	0.098	0.098	0.098	0.098	0.098	0.098	0.099	0.099	0.099	0.2%
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	N/A
Coal Subtotal	0.098	0.098	0.098	0.098	0.098	0.098	0.098	0.098	0.099	0.099	0.099	0.2%
Renewable Energy 7/	0.335	0.337	0.342	0.347	0.352	0.357	0.362	0.366	0.371	0.375	0.379	1.4%
Electricity	0.666	0.670	0.679	0.689	0.693	0.698	0.701	0.702	0.704	0.711	0.716	1.3%
Delivered Energy	9.685	9.736	9.863	9.972	10.054	10.141	10.220	10.272	10.338	10.426	10.498	1.1%
Electricity Related Losses	1.125	1.115	1.120	1.119	1.118	1.105	1.097	1.090	1.077	1.080	1.075	-0.2%
Total	10.810	10.851	10.983	11.091	11.173	11.247	11.317	11.362	11.415	11.506	11.573	0.9%
Transportation												
Distillate Fuel 8/	1.445	1.467	1.499	1.530	1.560	1.589	1.614	1.642	1.674	1.706	1.737	2.4%
Jet Fuel 9/	1.189	1.206	1.227	1.248	1.268	1.284	1.297	1.309	1.320	1.331	1.338	2.2%
Motor Gasoline 2/	2.620	2.667	2.715	2.762	2.807	2.852	2.900	2.950	3.003	3.061	3.120	2.0%
Residual Fuel	0.164	0.164	0.165	0.166	0.167	0.167	0.168	0.168	0.169	0.169	0.170	-0.1%
Liquefied Petroleum Gas	0.009	0.009	0.010	0.010	0.010	0.010	0.011	0.011	0.011	0.011	0.011	5.5%

Table 7. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) West South Central

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2003-2025
Other Petroleum 10/ Petroleum Subtotal	0.049 5.476	0.049 5.564	0.050 5.666	0.051 5.767	0.052 5.864	0.053 5.955	0.054 6.043	0.055 6.134	0.056 6.233	0.057 6.335	0.058 6.435	1.6% 2.1%
Pipeline Fuel Natural Gas	0.178	0.174	0.174	0.175	0.176	0.175	0.174	0.174	0.174	0.176	0.178	0.3%
Compressed Natural Gas	0.009	0.010	0.010	0.010	0.011	0.011	0.011	0.012	0.012	0.012	0.013	8.0%
Renewable Energy (E85) 11/ 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 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.001 0.000	7.0% N/A
Electricity	0.012	0.012	0.012	0.012	0.013	0.013	0.013	0.013	0.014	0.014	0.014	2.3%
Delivered Energy	5.675	5.760	5.863	5.965	6.065	6.155	6.242	6.334	6.433	6.538	6.640	2.0%
Electricity Related Losses	0.019	0.020	0.020	0.020	0.020	0.020	0.021	0.021	0.021	0.021	0.022	0.8%
Total	5.694	5.780	5.882	5.985	6.085	6.176	6.263	6.355	6.454	6.560	6.662	2.0%
Delivered Energy Consumption, All Sectors												
Distillate Fuel	1.684	1.708	1.742	1.777	1.810	1.842	1.870	1.900	1.935	1.970	2.003	2.2%
Kerosene	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.1%
Jet Fuel 9/	1.189	1.206	1.227	1.248	1.268	1.284	1.297	1.309	1.320	1.331	1.338	2.2%
Liquefied Petroleum Gas	2.003	2.006	2.032	2.059	2.085	2.104	2.122	2.136	2.151	2.165	2.180	1.1%
Motor Gasoline 2/	2.672	2.719	2.768	2.815	2.861	2.906	2.954	3.004	3.058	3.116	3.176	1.9%
Petrochemical Feedstocks	0.730	0.730	0.737	0.745	0.753	0.760	0.766	0.771	0.776	0.781	0.785	1.1%
Residual Fuel	0.228	0.231	0.234	0.247	0.250	0.249	0.235	0.235	0.237	0.242	0.247	1.1%
Other Petroleum 12/ Petroleum Subtotal	1.421 9.937	1.457 10.066	1.503 10.251	1.528 10.426	1.556 10.592	1.602 10.756	1.632 10.885	1.644 11.008	1.657 11.142	1.679 11.292	1.695 11.433	1.0% 1.6%
Natural Gas	4.444	4.475	4.514	4.541	4.567	4.594	4.640	4.681	4.728	4.765	4.794	1.2%
Lease and Plant Fuel 6/ Pipeline Natural Gas	0.588 0.178	0.574 0.174	0.574 0.174	0.577 0.175	0.564 0.176	0.554 0.175	0.547 0.174	0.534 0.174	0.526 0.174	0.535 0.176	0.542 0.178	0.2% 0.3%
Natural Gas Subtotal	5.210	5.223	5.262	5.293	5.307	5.323	5.361	5.389	5.428	5.476	5.514	1.1%
Metallurgical Coal	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Steam Coal	0.098	0.098	0.098	0.098	0.098	0.098	0.098	0.099	0.099	0.099	0.099	0.2%
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	N/A
Coal Subtotal	0.098	0.098	0.098	0.098	0.098	0.098	0.098	0.099	0.099	0.099	0.099	0.2%
Renewable Energy 13/ Liquid Hydrogen	0.357 0.000	0.359 0.000	0.364 0.000	0.369 0.000	0.375 0.000	0.380 0.000	0.385 0.000	0.389 0.000	0.394 0.000	0.398 0.000	0.401 0.000	1.3% N/A
Electricity	2.211	2.248	2.288	2.329	2.362	2.399	2.431	2.467	2.505	2.552	2.592	1.9%
Delivered Energy	17.813	17.994	18.264	18.516	18.735	18.956	19.161	19.351	19.568	19.817	20.040	1.5%
Electricity Related Losses	3.735	3.744	3.772	3.783	3.810	3.798	3.805	3.830	3.830	3.879	3.892	0.4%
Total	21.548	21.738	22.036	22.299	22.545	22.754	22.966	23.181	23.398	23.696	23.932	1.3%
Electric Power 14/												
Distillate Fuel	0.022	0.022	0.022	0.023	0.023	0.023	0.023	0.023	0.024	0.025	0.025	-0.7%
Residual Fuel	0.021	0.021	0.021	0.021	0.041	0.040	0.040	0.040	0.020	0.020	0.039	1.1%
Petroleum Subtotal	0.043	0.043	0.043	0.043	0.064	0.063	0.063	0.063	0.044	0.045	0.064	0.3%
Natural Gas	2.515	2.560	2.624	2.673	2.712	2.736	2.766	2.790	2.757	2.769	2.743	1.6%
Steam Coal	2.455	2.457	2.463	2.464	2.465	2.467	2.475	2.503	2.592	2.670	2.729	0.3%
Nuclear Power	0.754	0.755	0.756	0.757	0.757	0.757	0.757	0.757	0.757	0.757	0.757	0.5%
Renewable Energy/Other 15/ Electricity Imports	0.180 -0.001	0.178 0.000	0.175 0.000	0.175 0.000	0.175 0.000	0.174 0.000	0.176 0.000	0.184 0.000	0.187 0.000	0.191 0.000	0.192 0.000	3.2% 4.1%
Total	5.946	5.992	6.060	6.112	6.172	6.197	6.236	6.296	6.336	6.431	6.484	0.9%
Total Energy Consumption												
Distillate Fuel	1.707	1.730	1.765	1.800	1.833	1.865	1.893	1.924	1.959	1.994	2.028	2.1%
Kerosene	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.1%
Jet Fuel 9/	1.189	1.206	1.227	1.248	1.268	1.284	1.297	1.309	1.320	1.331	1.338	2.2%
Liquefied Petroleum Gas	2.003	2.006	2.032	2.059	2.085	2.104	2.122	2.136	2.151	2.165	2.180	1.1%
Motor Gasoline 2/	2.672	2.719	2.768	2.815	2.861	2.906	2.954	3.004	3.058	3.116	3.176	1.9%
Petrochemical Feedstocks	0.730	0.730	0.737	0.745	0.753	0.760	0.766	0.771	0.776	0.781	0.785	1.1%
Residual Fuel	0.249	0.252	0.255	0.267	0.291	0.289	0.275	0.275	0.257	0.263	0.286	1.1%
Other Petroleum 12/ Petroleum Subtotal	1.421 9.980	1.457 10.109	1.503 10.294	1.528 10.470	1.556 10.656	1.602 10.818	1.632 10.948	1.644 11.071	1.657 11.186	1.679 11.337	1.695 11.497	1.0% 1.6%
Natural Gas	6.959	7.036	7.137	7.214	7.280	7.330	7.406	7.471	7.485	7.535	7.537	1.3%

Table 7. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) West South Central

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2003-2025
Lease and Plant Fuel 6/	0.588	0.574	0.574	0.577	0.564	0.554	0.547	0.534	0.526	0.535	0.542	0.2%
Pipeline Natural Gas	0.178	0.174	0.174	0.175	0.176	0.175	0.174	0.174	0.174	0.176	0.178	0.3%
Natural Gas Subtotal	7.725	7.784	7.886	7.966	8.020	8.059	8.127	8.179	8.185	8.245	8.257	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	N/A
Steam Coal	2.553	2.555	2.561	2.562	2.563	2.566	2.574	2.602	2.690	2.769	2.828	0.3%
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	N/A
Coal Subtotal	2.553	2.555	2.561	2.562	2.563	2.566	2.574	2.602	2.690	2.769	2.828	0.3%
Nuclear Power	0.754	0.755	0.756	0.757	0.757	0.757	0.757	0.757	0.757	0.757	0.757	0.5%
Renewable Energy 16/	0.537	0.537	0.539	0.544	0.550	0.555	0.561	0.573	0.581	0.588	0.593	1.9%
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Electricity Imports	-0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.1%
Total	21.548	21.738	22.036	22.299	22.545	22.754	22.966	23.181	23.398	23.696	23.932	1.3%
Energy Use & Related Statistics												
Delivered Energy Use	17.813	17.994	18.264	18.516	18.735	18.956	19.161	19.351	19.568	19.817	20.040	1.5%
Total Energy Use	21.548	21.738	22.036	22.299	22.545	22.754	22.966	23.181	23.398	23.696	23.932	1.3%
Population (millions)	38.062	38.497	38.933	39.368	39.804	40.239	40.676	41.116	41.559	42.004	42.453	1.2%

Table 7. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) West South Central

1/ Includes wood used for residential heating. See Table A18 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 the field gathering and processing plant machinery.

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

8/ Diesel fuel containing 500 parts per million (ppm) or 15 ppm sulfur.

9/ Includes only kerosene type.

10/ Includes aviation gasoline and lubricants.

11/ 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 actually varies seasonally. The annual average ethanol content of 74 percent is used for this forecast.

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 (CHP) 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, municipal solid waste, other biomass, petroleum coke, wind, photovoltaic and solar thermal sources. Excludes net electricity imports.

16/ Includes hydroelectric, geothermal, wood and wood waste, 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.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Data for 2002 and 2003 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: 2002 and 2003 consumption based on: Energy Information Administration (EIA), Annual Energy Review 2003, DOE/EIA-0384(2003) (Washington, DC, September 2004). 2002 and 2003 population and gross domestic product: Global Insight macroeconomic model T250804. 2002 and 2003 carbon dioxide emissions: EIA, Emissions of Greenhouse Gases in the United States 2003, DOE/EIA-0573(2003) (Washington, DC, December 2004). Projections: EIA, AEO2005 National Energy Modeling System run aeo2005.d102004a.

Table 8. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) Mountain

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Energy Consumption													
Residential													
Distillate Fuel	0.006	0.005	0.005	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
Kerosene	0.002	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
Liquefied Petroleum Gas	0.047	0.043	0.046	0.043	0.044	0.045	0.046	0.048	0.049	0.050	0.051	0.052	0.053
Petroleum Subtotal	0.055	0.050	0.053	0.050	0.051	0.052	0.053	0.054	0.055	0.057	0.058	0.058	0.060
Natural Gas	0.359	0.355	0.374	0.391	0.400	0.414	0.433	0.449	0.468	0.485	0.498	0.507	0.517
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	0.023 0.268	0.021 0.277	0.023 0.279	0.024 0.287	0.024 0.293	0.024 0.301	0.024 0.311	0.024 0.319	0.024 0.327	0.024 0.335	0.024 0.343	0.024 0.349	0.024 0.356
Delivered Energy	0.706	0.705	0.730	0.753	0.769	0.792	0.822	0.847	0.876	0.901	0.924	0.939	0.957
Electricity Related Losses	0.860	0.900	0.965	0.970	0.992	1.010	1.033	1.049	1.062	1.073	1.095	1.121	1.146
Total	1.566	1.605	1.695	1.723	1.760	1.802	1.855	1.896	1.937	1.974	2.019	2.061	2.103
Commercial													
Distillate Fuel	0.022	0.022	0.023	0.023	0.024	0.024	0.025	0.026	0.027	0.027	0.027	0.027	0.028
Residual Fuel	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
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
Liquefied Petroleum Gas	0.007	0.008	0.008	0.008	0.007	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
Motor Gasoline 2/ Petroleum Subtotal	0.001 0.031	0.001 0.031	0.001 0.032	0.001 0.032	0.001 0.033	0.001 0.034	0.001 0.035	0.001 0.035	0.001 0.036	0.001 0.036	0.001 0.037	0.001 0.037	0.001 0.037
Natural Gas	0.218	0.213	0.222	0.223	0.227	0.233	0.241	0.250	0.258	0.265	0.271	0.276	0.281
Coal	0.010	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011
Renewable Energy 3/ Electricity	0.004 0.282	0.004 0.287	0.004 0.291	0.004 0.298	0.004 0.307	0.004 0.319	0.004 0.331	0.004 0.343	0.004 0.356	0.004 0.368	0.004 0.379	0.004 0.391	0.004 0.403
Delivered Energy	0.545	0.546	0.560	0.568	0.582	0.601	0.622	0.643	0.664	0.684	0.702	0.719	0.736
Electricity Related Losses	0.904	0.933	1.008	1.007	1.041	1.070	1.102	1.130	1.155	1.177	1.211	1.257	1.296
Total	1.450	1.479	1.567	1.575	1.623	1.671	1.724	1.774	1.819	1.862	1.913	1.975	2.032
Industrial 4/													
Distillate Fuel	0.102	0.107	0.108	0.111	0.111	0.112	0.113	0.114	0.115	0.116	0.117	0.118	0.120
Liquefied Petroleum Gas	0.024	0.022	0.022	0.022	0.023	0.023	0.024	0.024	0.024	0.024	0.024	0.025	0.025
Petrochemical Feedstocks	0.019	0.018	0.017	0.018	0.019	0.020	0.021	0.022	0.022	0.022	0.022	0.022	0.022
Residual Fuel	0.002	0.001	0.001	0.001	0.006	0.007	0.007	0.007	0.008	0.008	0.008	0.008	0.008
Motor Gasoline 2/ Other Petroleum 5/ Petroleum Subtotal	0.028 0.179 0.353	0.029 0.186 0.363	0.029 0.191 0.370	0.030 0.192 0.374	0.030 0.197 0.387	0.030 0.203 0.395	0.031 0.220 0.415	0.031 0.229 0.427	0.031 0.232 0.431	0.031 0.234 0.436	0.032 0.241 0.444	0.032 0.247 0.452	0.033 0.254 0.463
Natural Gas	0.256	0.238	0.244	0.249	0.255	0.262	0.264	0.269	0.279	0.289	0.292	0.295	0.298
Lease and Plant Fuel 6/ Natural Gas Subtotal	0.177 0.433	0.177 0.415	0.214 0.457	0.222 0.471	0.224 0.480	0.222 0.484	0.227 0.492	0.235 0.504	0.241 0.520	0.249 0.538	0.255 0.548	0.260 0.555	0.263 0.561
Metallurgical Coal	0.022	0.022	0.023	0.022	0.021	0.021	0.020	0.019	0.018	0.018	0.017	0.017	0.016
Steam Coal	0.093	0.094	0.094	0.096	0.095	0.096	0.097	0.097	0.097	0.097	0.097	0.097	0.097
Net Coal Coke Imports	0.002	0.002	0.003	0.002	0.001	0.001	0.000	0.000	0.000	-0.001	-0.001	-0.001	-0.001
Coal Subtotal	0.116	0.118	0.120	0.120	0.117	0.117	0.117	0.116	0.115	0.115	0.114	0.113	0.112
Renewable Energy 7/ Electricity	0.043 0.224	0.043 0.222	0.046 0.228	0.047 0.232	0.048 0.238	0.049 0.241	0.050 0.247	0.051 0.252	0.052 0.255	0.053 0.258	0.054 0.262	0.055 0.265	0.056 0.270
Delivered Energy	1.169	1.161	1.221	1.244	1.269	1.286	1.321	1.350	1.373	1.400	1.422	1.440	1.461
Electricity Related Losses	0.718	0.721	0.790	0.786	0.805	0.809	0.821	0.828	0.827	0.827	0.836	0.851	0.868
Total	1.886	1.882	2.011	2.030	2.075	2.096	2.141	2.178	2.200	2.227	2.258	2.291	2.329
Transportation													
Distillate Fuel 8/ Jet Fuel 9/ Motor Gasoline 2/ Residual Fuel	0.449 0.209 1.097 0.000	0.458 0.204 1.108 0.000	0.481 0.214 1.130 0.000	0.504 0.221 1.161 0.000	0.517 0.228 1.177 0.000	0.534 0.235 1.203 0.000	0.554 0.239 1.232 0.000	0.574 0.245 1.262 0.000	0.590 0.253 1.296 0.000	0.605 0.259 1.328 0.000	0.620 0.265 1.359 0.000	0.633 0.269 1.389 0.000	0.650 0.274 1.422 0.000
Liquefied Petroleum Gas	0.002	0.002	0.002	0.003	0.003	0.003	0.003	0.004	0.004	0.004	0.004	0.005	0.005

Table 8. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) Mountain

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Other Petroleum 10/ Petroleum Subtotal	0.015 1.771	0.018 1.789	0.018 1.845	0.018 1.907	0.018 1.944	0.018 1.993	0.019 2.048	0.019 2.104	0.019 2.161	0.020 2.217	0.020 2.268	0.020 2.317	0.021 2.371
Pipeline Fuel Natural Gas	0.110	0.105	0.109	0.113	0.114	0.112	0.114	0.117	0.119	0.121	0.125	0.127	0.128
Compressed Natural Gas	0.001	0.001	0.002	0.002	0.003	0.003	0.004	0.004	0.005	0.005	0.006	0.006	0.007
Renewable Energy (E85) 11/ 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 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000
Electricity	0.005	0.005	0.005	0.005	0.006	0.006	0.006	0.006	0.006	0.006	0.007	0.007	0.007
Delivered Energy	1.888	1.901	1.961	2.028	2.066	2.114	2.171	2.231	2.291	2.350	2.406	2.457	2.513
Electricity Related Losses	0.016	0.017	0.018	0.018	0.019	0.019	0.020	0.020	0.020	0.020	0.021	0.022	0.022
Total	1.904	1.918	1.979	2.046	2.085	2.133	2.191	2.251	2.311	2.370	2.427	2.478	2.535
Delivered Energy Consumption, All Sectors													
Distillate Fuel	0.579	0.591	0.617	0.642	0.656	0.674	0.697	0.719	0.735	0.752	0.768	0.782	0.801
Kerosene	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
Jet Fuel 9/	0.209	0.204	0.214	0.221	0.228	0.235	0.239	0.245	0.253	0.259	0.265	0.269	0.274
Liquefied Petroleum Gas	0.080	0.074	0.077	0.075	0.077	0.079	0.081	0.083	0.084	0.086	0.087	0.089	0.091
Motor Gasoline 2/	1.127	1.138	1.160	1.191	1.208	1.235	1.263	1.294	1.328	1.361	1.393	1.423	1.456
Petrochemical Feedstocks	0.019	0.018	0.017	0.018	0.019	0.020	0.021	0.022	0.022	0.022	0.022	0.022	0.022
Residual Fuel	0.002	0.002	0.002	0.002	0.006	0.007	0.007	0.007	0.008	0.008	0.008	0.008	0.009
Other Petroleum 12/ Petroleum Subtotal	0.193 2.210	0.204 2.233	0.209 2.300	0.209 2.363	0.215 2.413	0.221 2.473	0.238 2.551	0.248 2.621	0.251 2.684	0.254 2.745	0.261 2.807	0.267 2.864	0.275 2.930
Natural Gas	0.834	0.808	0.841	0.866	0.885	0.913	0.942	0.972	1.010	1.044	1.067	1.084	1.103
Lease and Plant Fuel 6/ Pipeline Natural Gas	0.177 0.110	0.177 0.105	0.214 0.109	0.222 0.113	0.224 0.114	0.222 0.112	0.227 0.114	0.235 0.117	0.241 0.119	0.249 0.121	0.255 0.125	0.260 0.127	0.263 0.128
Natural Gas Subtotal	1.121	1.090	1.163	1.201	1.224	1.247	1.283	1.324	1.370	1.414	1.447	1.471	1.494
Metallurgical Coal	0.022	0.022	0.023	0.022	0.021	0.021	0.020	0.019	0.018	0.018	0.017	0.017	0.016
Steam Coal	0.104	0.106	0.106	0.108	0.108	0.108	0.109	0.109	0.110	0.110	0.110	0.109	0.109
Net Coal Coke Imports	0.002	0.002	0.003	0.002	0.001	0.001	0.000	0.000	0.000	-0.001	-0.001	-0.001	-0.001
Coal Subtotal	0.128	0.130	0.133	0.132	0.130	0.129	0.129	0.128	0.128	0.127	0.126	0.125	0.124
Renewable Energy 13/ Liquid Hydrogen	0.070 0.000	0.068 0.000	0.072 0.000	0.075 0.000	0.075 0.000	0.076 0.000	0.078 0.000	0.079 0.000	0.080 0.000	0.081 0.000	0.082 0.000	0.083 0.000	0.084 0.000
Electricity	0.779	0.791	0.803	0.822	0.843	0.867	0.895	0.920	0.943	0.967	0.991	1.012	1.035
Delivered Energy	4.308	4.312	4.472	4.593	4.686	4.793	4.935	5.071	5.204	5.334	5.453	5.555	5.668
Electricity Related Losses	2.497	2.570	2.781	2.781	2.857	2.909	2.975	3.027	3.063	3.098	3.164	3.251	3.332
Total	6.805	6.883	7.252	7.374	7.543	7.702	7.910	8.098	8.268	8.432	8.617	8.806	9.000
Electric Power 14/													
Distillate Fuel	0.010	0.010	0.023	0.023	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.025	0.027
Residual Fuel	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Petroleum Subtotal	0.010	0.010	0.023	0.023	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.025	0.027
Natural Gas	0.399	0.384	0.644	0.555	0.577	0.587	0.657	0.732	0.793	0.851	0.883	0.905	0.889
Steam Coal	2.181	2.274	2.212	2.262	2.313	2.374	2.398	2.398	2.397	2.395	2.450	2.533	2.651
Nuclear Power	0.307	0.300	0.308	0.305	0.306	0.310	0.311	0.311	0.312	0.313	0.314	0.315	0.316
Renewable Energy/Other 15/ Electricity Imports	0.379 0.001	0.391 0.001	0.395 0.001	0.456 0.001	0.479 0.002	0.480 0.001	0.479 0.002	0.479 0.002	0.478 0.003	0.478 0.004	0.478 0.005	0.480 0.004	0.481 0.005
Total	3.276	3.361	3.584	3.603	3.700	3.776	3.869	3.946	4.006	4.065	4.155	4.263	4.367
Total Energy Consumption													
Distillate Fuel	0.588	0.602	0.640	0.666	0.680	0.698	0.721	0.743	0.759	0.776	0.792	0.808	0.827
Kerosene	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
Jet Fuel 9/	0.209	0.204	0.214	0.221	0.228	0.235	0.239	0.245	0.253	0.259	0.265	0.269	0.274
Liquefied Petroleum Gas	0.080	0.074	0.077	0.075	0.077	0.079	0.081	0.083	0.084	0.086	0.087	0.089	0.091
Motor Gasoline 2/	1.127	1.138	1.160	1.191	1.208	1.235	1.263	1.294	1.328	1.361	1.393	1.423	1.456
Petrochemical Feedstocks	0.019	0.018	0.017	0.018	0.019	0.020	0.021	0.022	0.022	0.022	0.022	0.022	0.022
Residual Fuel	0.002	0.002	0.002	0.002	0.006	0.007	0.007	0.007	0.008	0.008	0.008	0.008	0.009
Other Petroleum 12/ Petroleum Subtotal	0.193 2.220	0.204 2.243	0.209 2.323	0.209 2.386	0.215 2.437	0.221 2.497	0.238 2.575	0.248 2.645	0.251 2.708	0.254 2.769	0.261 2.831	0.267 2.890	0.275 2.957
Natural Gas	1.232	1.192	1.485	1.421	1.462	1.500	1.599	1.704	1.803	1.895	1.950	1.989	1.992

Table 8. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) Mountain

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Lease and Plant Fuel 6/	0.177	0.177	0.214	0.222	0.224	0.222	0.227	0.235	0.241	0.249	0.255	0.260	0.263
Pipeline Natural Gas	0.110	0.105	0.109	0.113	0.114	0.112	0.114	0.117	0.119	0.121	0.125	0.127	0.128
Natural Gas Subtotal	1.520	1.474	1.807	1.756	1.800	1.834	1.940	2.056	2.163	2.265	2.330	2.376	2.383
Metallurgical Coal	0.022	0.022	0.023	0.022	0.021	0.021	0.020	0.019	0.018	0.018	0.017	0.017	0.016
Steam Coal	2.285	2.380	2.318	2.370	2.420	2.482	2.507	2.507	2.507	2.505	2.560	2.642	2.760
Net Coal Coke Imports	0.002	0.002	0.003	0.002	0.001	0.001	0.000	0.000	0.000	-0.001	-0.001	-0.001	-0.001
Coal Subtotal	2.308	2.404	2.345	2.394	2.443	2.503	2.527	2.526	2.524	2.522	2.576	2.658	2.775
Nuclear Power	0.307	0.300	0.308	0.305	0.306	0.310	0.311	0.311	0.312	0.313	0.314	0.315	0.316
Renewable Energy 16/	0.449	0.459	0.468	0.531	0.554	0.556	0.556	0.558	0.557	0.559	0.560	0.563	0.565
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
Electricity Imports	0.001	0.001	0.001	0.001	0.002	0.001	0.002	0.002	0.003	0.004	0.005	0.004	0.005
Total	6.805	6.883	7.252	7.374	7.543	7.702	7.910	8.098	8.268	8.432	8.617	8.806	9.000
Energy Use & Related Statistics													
Delivered Energy Use	4.308	4.312	4.472	4.593	4.686	4.793	4.935	5.071	5.204	5.334	5.453	5.555	5.668
Total Energy Use	6.805	6.883	7.252	7.374	7.543	7.702	7.910	8.098	8.268	8.432	8.617	8.806	9.000
Population (millions)	19.074	19.422	19.747	20.072	20.398	20.724	21.049	21.376	21.704	22.034	22.365	22.697	23.029

Table 8. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) Mountain

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2003-2025
Energy Consumption												
Residential												
Distillate Fuel	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.002	-3.2%
Kerosene	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.5%
Liquefied Petroleum Gas	0.054	0.055	0.056	0.057	0.058	0.059	0.059	0.060	0.061	0.062	0.062	1.7%
Petroleum Subtotal	0.061	0.061	0.062	0.063	0.064	0.065	0.065	0.065	0.066	0.067	0.067	1.4%
Natural Gas	0.526	0.539	0.551	0.565	0.574	0.583	0.589	0.597	0.606	0.617	0.624	2.6%
Coal	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/	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.4%
Electricity	0.364	0.372	0.380	0.388	0.395	0.403	0.409	0.416	0.424	0.433	0.440	2.1%
Delivered Energy	0.975	0.997	1.018	1.040	1.058	1.076	1.087	1.103	1.121	1.141	1.155	2.3%
Electricity Related Losses	1.156	1.177	1.230	1.233	1.267	1.309	1.346	1.388	1.428	1.475	1.533	2.5%
Total	2.131	2.174	2.248	2.273	2.325	2.385	2.433	2.491	2.548	2.616	2.688	2.4%
Commercial												
Distillate Fuel	0.028	0.028	0.028	0.028	0.028	0.028	0.029	0.029	0.029	0.029	0.030	1.4%
Residual Fuel	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-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	0.5%
Liquefied Petroleum Gas	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.3%
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	1.3%
Petroleum Subtotal	0.037	0.038	0.038	0.038	0.038	0.038	0.038	0.038	0.039	0.039	0.039	1.1%
Natural Gas	0.286	0.293	0.302	0.311	0.317	0.321	0.326	0.332	0.339	0.346	0.354	2.3%
Coal	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	0.0%
Electricity	0.415	0.429	0.444	0.458	0.471	0.484	0.497	0.511	0.526	0.542	0.559	3.1%
Delivered Energy	0.754	0.775	0.798	0.821	0.841	0.858	0.876	0.896	0.918	0.942	0.968	2.6%
Electricity Related Losses	1.320	1.357	1.437	1.455	1.510	1.570	1.635	1.704	1.771	1.848	1.951	3.4%
Total	2.074	2.131	2.235	2.276	2.351	2.428	2.511	2.599	2.689	2.790	2.918	3.1%
Industrial 4/												
Distillate Fuel	0.122	0.123	0.125	0.128	0.129	0.131	0.133	0.135	0.137	0.139	0.140	1.3%
Liquefied Petroleum Gas	0.026	0.026	0.026	0.027	0.027	0.028	0.028	0.029	0.029	0.036	0.043	3.0%
Petrochemical Feedstocks	0.021	0.021	0.022	0.022	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.7%
Residual Fuel	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.010	0.010	0.010	0.010	9.3%
Motor Gasoline 2/	0.034	0.034	0.035	0.036	0.036	0.037	0.038	0.038	0.039	0.040	0.041	1.6%
Other Petroleum 5/	0.258	0.263	0.268	0.274	0.280	0.286	0.297	0.303	0.308	0.306	0.302	2.2%
Petroleum Subtotal	0.470	0.477	0.485	0.494	0.504	0.513	0.526	0.536	0.544	0.551	0.557	2.0%
Natural Gas	0.301	0.305	0.311	0.318	0.323	0.328	0.331	0.336	0.343	0.347	0.352	1.8%
Lease and Plant Fuel 6/	0.262	0.247	0.244	0.258	0.268	0.273	0.268	0.264	0.267	0.271	0.271	2.0%
Natural Gas Subtotal	0.563	0.552	0.556	0.576	0.592	0.601	0.599	0.600	0.610	0.618	0.623	1.9%
Metallurgical Coal	0.016	0.016	0.015	0.015	0.014	0.014	0.014	0.013	0.013	0.012	0.012	-2.7%
Steam Coal	0.096	0.096	0.096	0.096	0.096	0.096	0.096	0.096	0.096	0.096	0.096	0.1%
Net Coal Coke Imports	-0.001	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.003	-0.003	-0.003	-0.003	N/A
Coal Subtotal	0.111	0.110	0.110	0.109	0.108	0.108	0.107	0.107	0.106	0.106	0.106	-0.5%
Renewable Energy 7/	0.058	0.059	0.060	0.062	0.063	0.065	0.066	0.068	0.070	0.071	0.073	2.4%
Electricity	0.273	0.275	0.280	0.285	0.290	0.295	0.300	0.305	0.311	0.317	0.323	1.7%
Delivered Energy	1.474	1.473	1.491	1.526	1.558	1.582	1.599	1.616	1.640	1.663	1.681	1.7%
Electricity Related Losses	0.867	0.870	0.907	0.906	0.930	0.957	0.988	1.018	1.047	1.081	1.126	2.1%
Total	2.341	2.343	2.397	2.432	2.487	2.539	2.587	2.633	2.687	2.744	2.807	1.8%
Transportation												
Distillate Fuel 8/	0.663	0.674	0.689	0.705	0.719	0.733	0.746	0.760	0.775	0.791	0.805	2.6%
Jet Fuel 9/	0.278	0.282	0.286	0.291	0.295	0.298	0.301	0.303	0.306	0.308	0.309	1.9%
Motor Gasoline 2/	1.454	1.484	1.514	1.543	1.571	1.599	1.629	1.660	1.691	1.726	1.761	2.1%
Residual Fuel	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Liquefied Petroleum Gas	0.005	0.005	0.005	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	6.0%

Table 8. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) Mountain

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2003-2025
Other Petroleum 10/ Petroleum Subtotal	0.021 2.421	0.022 2.467	0.022 2.517	0.022 2.566	0.023 2.614	0.023 2.660	0.024 2.706	0.024 2.753	0.025 2.802	0.025 2.856	0.026 2.908	1.7% 2.2%
Pipeline Fuel Natural Gas	0.127	0.119	0.117	0.122	0.126	0.127	0.124	0.121	0.122	0.123	0.123	0.7%
Compressed Natural Gas	0.007	0.008	0.008	0.008	0.009	0.009	0.009	0.009	0.010	0.010	0.010	9.2%
Renewable Energy (E85) 11/ 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 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	7.3% N/A
Electricity	0.007	0.007	0.007	0.008	0.008	0.008	0.008	0.008	0.009	0.009	0.009	2.6%
Delivered Energy	2.563	2.601	2.649	2.705	2.757	2.804	2.847	2.893	2.943	2.998	3.050	2.2%
Electricity Related Losses	0.022	0.023	0.024	0.024	0.025	0.026	0.027	0.028	0.029	0.030	0.032	2.9%
Total	2.585	2.624	2.673	2.729	2.782	2.830	2.874	2.921	2.972	3.028	3.082	2.2%
Delivered Energy Consumption, All Sectors												
Distillate Fuel	0.816	0.829	0.846	0.864	0.881	0.896	0.911	0.926	0.943	0.961	0.977	2.3%
Kerosene	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.5%
Jet Fuel 9/	0.278	0.282	0.286	0.291	0.295	0.298	0.301	0.303	0.306	0.308	0.309	1.9%
Liquefied Petroleum Gas	0.093	0.094	0.095	0.097	0.099	0.100	0.101	0.103	0.104	0.112	0.119	2.2%
Motor Gasoline 2/	1.489	1.520	1.550	1.580	1.609	1.638	1.668	1.700	1.731	1.767	1.803	2.1%
Petrochemical Feedstocks	0.021	0.021	0.022	0.022	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.7%
Residual Fuel	0.009	0.009	0.009	0.009	0.009	0.009	0.010	0.010	0.010	0.010	0.010	8.9%
Other Petroleum 12/ Petroleum Subtotal	0.279 2.989	0.284 3.043	0.290 3.102	0.296 3.162	0.303 3.220	0.309 3.276	0.320 3.335	0.327 3.393	0.333 3.450	0.331 3.513	0.328 3.571	2.2% 2.2%
Natural Gas	1.120	1.144	1.173	1.201	1.223	1.241	1.254	1.274	1.298	1.320	1.340	2.3%
Lease and Plant Fuel 6/ Pipeline Natural Gas	0.262 0.127	0.247 0.119	0.244 0.117	0.258 0.122	0.268 0.126	0.273 0.127	0.268 0.124	0.264 0.121	0.267 0.122	0.271 0.123	0.271 0.123	2.0% 0.7%
Natural Gas Subtotal	1.509	1.511	1.534	1.582	1.617	1.641	1.647	1.659	1.686	1.714	1.734	2.1%
Metallurgical Coal	0.016	0.016	0.015	0.015	0.014	0.014	0.014	0.013	0.013	0.012	0.012	-2.7%
Steam Coal	0.109	0.109	0.109	0.109	0.109	0.108	0.108	0.108	0.108	0.108	0.108	0.1%
Net Coal Coke Imports	-0.001	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.003	-0.003	-0.003	-0.003	N/A
Coal Subtotal	0.123	0.123	0.122	0.121	0.121	0.120	0.120	0.119	0.118	0.118	0.118	-0.5%
Renewable Energy 13/ Liquid Hydrogen	0.085 0.000	0.086 0.000	0.088 0.000	0.089 0.000	0.091 0.000	0.093 0.000	0.094 0.000	0.096 0.000	0.097 0.000	0.099 0.000	0.101 0.000	1.8% N/A
Electricity	1.059	1.084	1.111	1.138	1.165	1.190	1.214	1.241	1.269	1.300	1.331	2.4%
Delivered Energy	5.766	5.846	5.956	6.092	6.213	6.319	6.410	6.507	6.622	6.745	6.854	2.1%
Electricity Related Losses	3.365	3.426	3.597	3.617	3.731	3.863	3.996	4.137	4.274	4.434	4.642	2.7%
Total	9.131	9.273	9.554	9.709	9.945	10.182	10.406	10.645	10.895	11.178	11.496	2.4%
Electric Power 14/												
Distillate Fuel	0.028	0.028	0.030	0.031	0.033	0.035	0.037	0.039	0.041	0.043	0.045	7.0%
Residual Fuel	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	12.3%
Petroleum Subtotal	0.028	0.028	0.030	0.031	0.033	0.035	0.037	0.039	0.041	0.043	0.045	7.0%
Natural Gas	0.849	0.831	0.840	0.807	0.756	0.723	0.700	0.672	0.633	0.609	0.592	2.0%
Steam Coal	2.744	2.847	3.034	3.114	3.303	3.489	3.668	3.860	4.061	4.257	4.493	3.1%
Nuclear Power	0.316	0.317	0.317	0.317	0.317	0.317	0.317	0.317	0.317	0.317	0.317	0.3%
Renewable Energy/Other 15/ Electricity Imports	0.482 0.006	0.481 0.006	0.482 0.004	0.482 0.004	0.483 0.004	0.484 0.004	0.485 0.004	0.486 0.004	0.487 0.005	0.506 0.003	0.522 0.003	1.3% 4.1%
Total	4.424	4.510	4.708	4.755	4.896	5.053	5.210	5.378	5.543	5.734	5.972	2.6%
Total Energy Consumption												
Distillate Fuel	0.844	0.857	0.877	0.895	0.914	0.931	0.947	0.965	0.984	1.003	1.022	2.4%
Kerosene	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.5%
Jet Fuel 9/	0.278	0.282	0.286	0.291	0.295	0.298	0.301	0.303	0.306	0.308	0.309	1.9%
Liquefied Petroleum Gas	0.093	0.094	0.095	0.097	0.099	0.100	0.101	0.103	0.104	0.112	0.119	2.2%
Motor Gasoline 2/	1.489	1.520	1.550	1.580	1.609	1.638	1.668	1.700	1.731	1.767	1.803	2.1%
Petrochemical Feedstocks	0.021	0.021	0.022	0.022	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.7%
Residual Fuel	0.009	0.009	0.009	0.009	0.009	0.009	0.010	0.010	0.010	0.010	0.010	8.9%
Other Petroleum 12/ Petroleum Subtotal	0.279 3.017	0.284 3.071	0.290 3.132	0.296 3.193	0.303 3.253	0.309 3.310	0.320 3.372	0.327 3.431	0.333 3.491	0.331 3.556	0.328 3.616	2.2% 2.2%
Natural Gas	1.969	1.975	2.013	2.008	1.979	1.964	1.954	1.946	1.931	1.928	1.932	2.2%

Table 8. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) Mountain

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2003-2025
Lease and Plant Fuel 6/	0.262	0.247	0.244	0.258	0.268	0.273	0.268	0.264	0.267	0.271	0.271	2.0%
Pipeline Natural Gas	0.127	0.119	0.117	0.122	0.126	0.127	0.124	0.121	0.122	0.123	0.123	0.7%
Natural Gas Subtotal	2.358	2.341	2.374	2.389	2.373	2.364	2.347	2.331	2.319	2.323	2.326	2.1%
Metallurgical Coal	0.016	0.016	0.015	0.015	0.014	0.014	0.014	0.013	0.013	0.012	0.012	-2.7%
Steam Coal	2.853	2.956	3.143	3.222	3.411	3.598	3.776	3.968	4.169	4.365	4.601	3.0%
Net Coal Coke Imports	-0.001	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.003	-0.003	-0.003	-0.003	N/A
Coal Subtotal	2.867	2.969	3.156	3.235	3.424	3.610	3.787	3.979	4.179	4.375	4.611	3.0%
Nuclear Power	0.316	0.317	0.317	0.317	0.317	0.317	0.317	0.317	0.317	0.317	0.317	0.3%
Renewable Energy 16/	0.567	0.567	0.569	0.571	0.574	0.576	0.579	0.582	0.584	0.605	0.623	1.4%
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Electricity Imports	0.006	0.006	0.004	0.004	0.004	0.004	0.004	0.004	0.005	0.003	0.003	4.1%
Total	9.131	9.273	9.554	9.709	9.945	10.182	10.406	10.645	10.895	11.178	11.496	2.4%
Energy Use & Related Statistics												
Delivered Energy Use	5.766	5.846	5.956	6.092	6.213	6.319	6.410	6.507	6.622	6.745	6.854	2.1%
Total Energy Use	9.131	9.273	9.554	9.709	9.945	10.182	10.406	10.645	10.895	11.178	11.496	2.4%
Population (millions)	23.362	23.696	24.029	24.361	24.693	25.024	25.356	25.688	26.021	26.355	26.690	1.5%

Table 8. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) Mountain

1/ Includes wood used for residential heating. See Table A18 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 the field gathering and processing plant machinery.

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

8/ Diesel fuel containing 500 parts per million (ppm) or 15 ppm sulfur.

9/ Includes only kerosene type.

10/ Includes aviation gasoline and lubricants.

11/ 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 actually varies seasonally. The annual average ethanol content of 74 percent is used for this forecast.

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 (CHP) 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, municipal solid waste, other biomass, petroleum coke, wind, photovoltaic and solar thermal sources. Excludes net electricity imports.

16/ Includes hydroelectric, geothermal, wood and wood waste, 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.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Data for 2002 and 2003 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: 2002 and 2003 consumption based on: Energy Information Administration (EIA), Annual Energy Review 2003, DOE/EIA-0384(2003) (Washington, DC, September 2004). 2002 and 2003 population and gross domestic product: Global Insight macroeconomic model T250804. 2002 and 2003 carbon dioxide emissions: EIA, Emissions of Greenhouse Gases in the United States 2003, DOE/EIA-0573(2003) (Washington, DC, December 2004). Projections: EIA, AEO2005 National Energy Modeling System run aeo2005.d102004a.

Table 9. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) Pacific

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Energy Consumption													
Residential													
Distillate Fuel	0.029	0.026	0.025	0.026	0.026	0.026	0.026	0.025	0.025	0.025	0.025	0.024	0.024
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
Liquefied Petroleum Gas	0.026	0.023	0.024	0.023	0.025	0.026	0.027	0.028	0.028	0.029	0.029	0.030	0.031
Petroleum Subtotal	0.057	0.051	0.051	0.052	0.053	0.054	0.055	0.055	0.056	0.056	0.056	0.056	0.057
Natural Gas	0.668	0.657	0.646	0.687	0.693	0.704	0.720	0.733	0.747	0.760	0.770	0.774	0.778
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	0.073 0.453	0.068 0.466	0.067 0.467	0.074 0.481	0.074 0.489	0.075 0.498	0.075 0.511	0.075 0.521	0.075 0.531	0.075 0.541	0.075 0.553	0.075 0.561	0.076 0.570
Delivered Energy	1.252	1.242	1.232	1.295	1.309	1.331	1.361	1.384	1.409	1.432	1.456	1.467	1.481
Electricity Related Losses	0.739	0.729	0.728	0.789	0.794	0.804	0.816	0.823	0.837	0.847	0.857	0.856	0.865
Total	1.991	1.972	1.960	2.084	2.104	2.135	2.178	2.207	2.246	2.279	2.313	2.323	2.346
Commercial													
Distillate Fuel	0.041	0.041	0.042	0.043	0.045	0.047	0.050	0.052	0.053	0.054	0.054	0.054	0.055
Residual Fuel	0.001	0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
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
Liquefied Petroleum Gas	0.005	0.005	0.005	0.005	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Motor Gasoline 2/ Petroleum Subtotal	0.006 0.053	0.006 0.053	0.006 0.055	0.006 0.055	0.006 0.059	0.006 0.061	0.006 0.063	0.006 0.065	0.006 0.066	0.006 0.067	0.006 0.067	0.006 0.068	0.006 0.068
Natural Gas	0.359	0.352	0.350	0.356	0.359	0.365	0.373	0.381	0.390	0.398	0.405	0.412	0.417
Coal	0.007	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
Renewable Energy 3/ Electricity	0.010 0.534	0.009 0.555	0.009 0.563	0.009 0.572	0.009 0.590	0.009 0.609	0.009 0.630	0.009 0.651	0.009 0.671	0.009 0.692	0.009 0.713	0.009 0.734	0.009 0.755
Delivered Energy	0.963	0.976	0.986	1.000	1.024	1.052	1.083	1.114	1.145	1.174	1.203	1.230	1.257
Electricity Related Losses	0.871	0.870	0.877	0.937	0.959	0.984	1.007	1.029	1.058	1.083	1.106	1.121	1.147
Total	1.834	1.846	1.863	1.938	1.983	2.036	2.090	2.143	2.203	2.258	2.309	2.352	2.404
Industrial 4/													
Distillate Fuel	0.138	0.144	0.147	0.149	0.149	0.150	0.152	0.153	0.154	0.155	0.156	0.158	0.161
Liquefied Petroleum Gas	0.035	0.037	0.036	0.036	0.055	0.058	0.061	0.065	0.068	0.072	0.076	0.081	0.086
Petrochemical Feedstocks	0.013	0.012	0.012	0.013	0.013	0.013	0.014	0.015	0.015	0.015	0.015	0.015	0.015
Residual Fuel	0.006	0.006	0.006	0.007	0.001	0.006	0.010	0.019	0.031	0.032	0.032	0.032	0.030
Motor Gasoline 2/ Other Petroleum 5/ Petroleum Subtotal	0.035 0.709 0.937	0.036 0.712 0.947	0.037 0.745 0.982	0.037 0.747 0.990	0.037 0.819 1.075	0.038 0.832 1.098	0.039 0.841 1.117	0.039 0.836 1.127	0.039 0.821 1.128	0.040 0.829 1.143	0.041 0.833 1.153	0.041 0.839 1.166	0.042 0.852 1.185
Natural Gas	0.915	0.858	0.878	0.898	0.943	0.946	0.960	0.963	0.964	0.965	0.965	0.958	0.950
Lease and Plant Fuel 6/ Natural Gas Subtotal	0.339 1.254	0.347 1.206	0.317 1.194	0.310 1.208	0.295 1.238	0.290 1.236	0.287 1.247	0.278 1.241	0.273 1.237	0.274 1.239	0.276 1.241	0.278 1.237	0.280 1.230
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
Steam Coal	0.047	0.048	0.047	0.049	0.049	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050
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	0.047	0.048	0.047	0.049	0.049	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050
Renewable Energy 7/ Electricity	0.155 0.294	0.157 0.291	0.168 0.299	0.173 0.305	0.178 0.324	0.178 0.329	0.182 0.335	0.186 0.340	0.189 0.342	0.192 0.346	0.196 0.350	0.199 0.353	0.203 0.357
Delivered Energy	2.687	2.649	2.690	2.723	2.860	2.891	2.932	2.944	2.947	2.970	2.990	3.004	3.026
Electricity Related Losses	0.480	0.455	0.466	0.499	0.527	0.532	0.536	0.537	0.540	0.542	0.542	0.539	0.543
Total	3.167	3.104	3.156	3.223	3.387	3.422	3.467	3.481	3.487	3.512	3.532	3.543	3.568
Transportation													
Distillate Fuel 8/ Jet Fuel 9/ Motor Gasoline 2/ Residual Fuel	0.644 0.870 2.462 0.241	0.657 0.849 2.486 0.230	0.691 0.892 2.534 0.206	0.722 0.920 2.577 0.207	0.740 0.948 2.653 0.208	0.762 0.978 2.727 0.209	0.790 0.998 2.794 0.210	0.815 1.024 2.856 0.211	0.836 1.059 2.922 0.211	0.857 1.089 2.977 0.212	0.876 1.114 3.032 0.212	0.894 1.135 3.085 0.213	0.915 1.155 3.140 0.213
Liquefied Petroleum Gas	0.003	0.004	0.004	0.005	0.007	0.007	0.008	0.008	0.009	0.010	0.010	0.010	0.011

Table 9. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) Pacific

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Other Petroleum 10/ Petroleum Subtotal	0.028 4.248	0.039 4.265	0.039 4.366	0.039 4.470	0.039 4.595	0.040 4.723	0.040 4.840	0.040 4.955	0.041 5.077	0.041 5.186	0.042 5.285	0.042 5.378	0.043 5.477
Pipeline Fuel Natural Gas	0.030	0.029	0.029	0.031	0.030	0.030	0.030	0.029	0.030	0.031	0.031	0.032	0.032
Compressed Natural Gas	0.002	0.003	0.004	0.005	0.006	0.006	0.007	0.008	0.009	0.009	0.010	0.011	0.011
Renewable Energy (E85) 11/ 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 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000
Electricity	0.012	0.013	0.013	0.013	0.013	0.014	0.014	0.014	0.015	0.015	0.016	0.016	0.016
Delivered Energy	4.293	4.310	4.412	4.519	4.644	4.773	4.891	5.006	5.131	5.241	5.343	5.437	5.537
Electricity Related Losses	0.020	0.020	0.020	0.022	0.022	0.022	0.023	0.023	0.023	0.024	0.024	0.024	0.025
Total	4.312	4.330	4.432	4.541	4.666	4.796	4.914	5.029	5.154	5.265	5.367	5.461	5.561
Delivered Energy Consumption, All Sectors													
Distillate Fuel	0.852	0.868	0.904	0.940	0.960	0.986	1.017	1.046	1.068	1.090	1.111	1.130	1.154
Kerosene	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.004	0.004	0.004	0.004
Jet Fuel 9/	0.870	0.849	0.892	0.920	0.948	0.978	0.998	1.024	1.059	1.089	1.114	1.135	1.155
Liquefied Petroleum Gas	0.069	0.068	0.069	0.070	0.093	0.096	0.101	0.106	0.110	0.115	0.121	0.126	0.133
Motor Gasoline 2/	2.503	2.528	2.577	2.621	2.696	2.771	2.839	2.901	2.967	3.023	3.078	3.132	3.188
Petrochemical Feedstocks	0.013	0.012	0.012	0.013	0.013	0.013	0.014	0.015	0.015	0.015	0.015	0.015	0.015
Residual Fuel	0.249	0.237	0.213	0.215	0.210	0.216	0.221	0.231	0.243	0.245	0.246	0.246	0.244
Other Petroleum 12/ Petroleum Subtotal	0.736 5.294	0.751 5.316	0.783 5.454	0.785 5.567	0.857 5.781	0.871 5.935	0.880 6.075	0.876 6.201	0.862 6.327	0.869 6.451	0.874 6.562	0.880 6.668	0.894 6.787
Natural Gas	1.944	1.870	1.878	1.946	2.000	2.021	2.060	2.085	2.110	2.132	2.151	2.155	2.157
Lease and Plant Fuel 6/ Pipeline Natural Gas	0.339 0.030	0.347 0.029	0.317 0.029	0.310 0.031	0.295 0.030	0.290 0.030	0.287 0.030	0.278 0.029	0.273 0.030	0.274 0.031	0.276 0.031	0.278 0.032	0.280 0.032
Natural Gas Subtotal	2.314	2.246	2.224	2.286	2.325	2.342	2.377	2.391	2.413	2.437	2.458	2.465	2.469
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
Steam Coal	0.055	0.056	0.056	0.057	0.058	0.058	0.059	0.059	0.059	0.059	0.059	0.058	0.058
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	0.055	0.056	0.056	0.057	0.058	0.058	0.059	0.059	0.059	0.059	0.059	0.058	0.058
Renewable Energy 13/ Liquid Hydrogen	0.238 0.000	0.234 0.000	0.244 0.000	0.256 0.000	0.259 0.000	0.262 0.000	0.267 0.000	0.271 0.000	0.274 0.000	0.277 0.000	0.281 0.000	0.285 0.000	0.289 0.000
Electricity	1.293	1.325	1.342	1.371	1.416	1.451	1.491	1.526	1.559	1.595	1.631	1.664	1.698
Delivered Energy	9.194	9.178	9.320	9.538	9.838	10.047	10.268	10.448	10.632	10.818	10.991	11.139	11.301
Electricity Related Losses	2.111	2.074	2.091	2.247	2.302	2.342	2.381	2.413	2.458	2.495	2.530	2.540	2.580
Total	11.305	11.251	11.411	11.785	12.140	12.389	12.649	12.860	13.090	13.314	13.521	13.679	13.881
Electric Power 14/													
Distillate Fuel	0.005	0.006	0.022	0.022	0.027	0.030	0.024	0.026	0.032	0.032	0.035	0.037	0.039
Residual Fuel	0.032	0.034	0.094	0.096	0.099	0.101	0.104	0.106	0.108	0.111	0.113	0.115	0.117
Petroleum Subtotal	0.037	0.040	0.116	0.119	0.126	0.131	0.128	0.132	0.141	0.142	0.148	0.152	0.156
Natural Gas	0.840	0.804	0.816	0.796	0.808	0.871	0.949	1.008	1.067	1.135	1.178	1.196	1.223
Steam Coal	0.179	0.203	0.175	0.180	0.185	0.190	0.193	0.193	0.194	0.195	0.195	0.196	0.197
Nuclear Power	0.460	0.452	0.461	0.464	0.465	0.466	0.468	0.470	0.472	0.473	0.473	0.474	0.475
Renewable Energy/Other 15/ Electricity Imports	1.884 0.004	1.897 0.001	1.863 0.001	2.059 0.001	2.133 0.002	2.133 0.001	2.133 0.001	2.134 0.002	2.142 0.002	2.143 0.004	2.163 0.004	2.183 0.004	2.224 0.004
Total	3.404	3.398	3.433	3.618	3.718	3.793	3.872	3.939	4.017	4.090	4.161	4.204	4.278
Total Energy Consumption													
Distillate Fuel	0.857	0.874	0.926	0.963	0.987	1.016	1.041	1.072	1.100	1.122	1.146	1.167	1.193
Kerosene	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.004	0.004	0.004	0.004
Jet Fuel 9/	0.870	0.849	0.892	0.920	0.948	0.978	0.998	1.024	1.059	1.089	1.114	1.135	1.155
Liquefied Petroleum Gas	0.069	0.068	0.069	0.070	0.093	0.096	0.101	0.106	0.110	0.115	0.121	0.126	0.133
Motor Gasoline 2/	2.503	2.528	2.577	2.621	2.696	2.771	2.839	2.901	2.967	3.023	3.078	3.132	3.188
Petrochemical Feedstocks	0.013	0.012	0.012	0.013	0.013	0.013	0.014	0.015	0.015	0.015	0.015	0.015	0.015
Residual Fuel	0.280	0.272	0.307	0.312	0.309	0.317	0.325	0.337	0.352	0.356	0.359	0.361	0.362
Other Petroleum 12/ Petroleum Subtotal	0.736 5.331	0.751 5.356	0.783 5.570	0.785 5.686	0.857 5.906	0.871 6.067	0.880 6.202	0.876 6.333	0.862 6.468	0.869 6.594	0.874 6.710	0.880 6.820	0.894 6.943
Natural Gas	2.784	2.674	2.694	2.742	2.808	2.892	3.010	3.093	3.177	3.267	3.329	3.350	3.380

Table 9. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) Pacific

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Lease and Plant Fuel 6/	0.339	0.347	0.317	0.310	0.295	0.290	0.287	0.278	0.273	0.274	0.276	0.278	0.280
Pipeline Natural Gas	0.030	0.029	0.029	0.031	0.030	0.030	0.030	0.029	0.030	0.031	0.031	0.032	0.032
Natural Gas Subtotal	3.154	3.051	3.040	3.082	3.133	3.212	3.327	3.400	3.480	3.571	3.637	3.660	3.692
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
Steam Coal	0.234	0.259	0.231	0.237	0.243	0.248	0.251	0.252	0.253	0.253	0.254	0.254	0.255
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	0.234	0.259	0.231	0.237	0.243	0.248	0.251	0.252	0.253	0.253	0.254	0.254	0.255
Nuclear Power	0.460	0.452	0.461	0.464	0.465	0.466	0.468	0.470	0.472	0.473	0.473	0.474	0.475
Renewable Energy 16/	2.122	2.132	2.107	2.316	2.391	2.395	2.400	2.404	2.415	2.419	2.443	2.467	2.512
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
Electricity Imports	0.004	0.001	0.001	0.001	0.002	0.001	0.001	0.002	0.002	0.004	0.004	0.004	0.004
Total	11.305	11.251	11.411	11.785	12.140	12.389	12.649	12.860	13.090	13.314	13.521	13.679	13.881
Energy Use & Related Statistics													
Delivered Energy Use	9.194	9.178	9.320	9.538	9.838	10.047	10.268	10.448	10.632	10.818	10.991	11.139	11.301
Total Energy Use	11.305	11.251	11.411	11.785	12.140	12.389	12.649	12.860	13.090	13.314	13.521	13.679	13.881
Population (millions)	46.572	47.176	47.771	48.368	48.967	49.567	50.167	50.773	51.384	52.000	52.621	53.249	53.882

Table 9. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) Pacific

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2003-2025
Energy Consumption												
Residential												
Distillate Fuel	0.023	0.023	0.022	0.022	0.021	0.020	0.020	0.019	0.018	0.018	0.017	-1.9%
Kerosene	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	1.1%
Liquefied Petroleum Gas	0.031	0.032	0.033	0.033	0.034	0.034	0.035	0.036	0.036	0.036	0.036	2.0%
Petroleum Subtotal	0.057	0.057	0.057	0.057	0.057	0.057	0.057	0.057	0.057	0.056	0.056	0.4%
Natural Gas	0.782	0.790	0.795	0.802	0.807	0.813	0.814	0.817	0.822	0.829	0.833	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	-0.6%
Renewable Energy 1/	0.076	0.076	0.076	0.076	0.076	0.077	0.077	0.077	0.077	0.077	0.077	0.6%
Electricity	0.579	0.589	0.597	0.606	0.615	0.626	0.633	0.642	0.653	0.665	0.673	1.7%
Delivered Energy	1.494	1.513	1.525	1.542	1.557	1.574	1.581	1.594	1.609	1.629	1.640	1.3%
Electricity Related Losses	0.878	0.888	0.879	0.905	0.911	0.917	0.913	0.906	0.918	0.919	0.911	1.0%
Total	2.372	2.401	2.404	2.447	2.468	2.491	2.494	2.500	2.527	2.547	2.551	1.2%
Commercial												
Distillate Fuel	0.056	0.056	0.057	0.057	0.057	0.058	0.059	0.059	0.060	0.060	0.061	1.8%
Residual Fuel	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.002	0.002	1.7%
Kerosene	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.4%
Liquefied Petroleum Gas	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/	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.3%
Petroleum Subtotal	0.069	0.070	0.070	0.071	0.071	0.072	0.072	0.073	0.074	0.074	0.075	1.6%
Natural Gas	0.423	0.430	0.439	0.448	0.455	0.462	0.469	0.476	0.484	0.492	0.501	1.6%
Coal	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.0%
Renewable Energy 3/	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.0%
Electricity	0.777	0.799	0.823	0.846	0.870	0.894	0.918	0.943	0.971	0.998	1.027	2.8%
Delivered Energy	1.286	1.316	1.349	1.382	1.414	1.445	1.476	1.508	1.544	1.582	1.620	2.3%
Electricity Related Losses	1.178	1.205	1.212	1.264	1.289	1.309	1.324	1.331	1.365	1.380	1.389	2.2%
Total	2.464	2.521	2.560	2.645	2.703	2.753	2.800	2.839	2.909	2.962	3.009	2.2%
Industrial 4/												
Distillate Fuel	0.163	0.165	0.168	0.171	0.173	0.176	0.178	0.180	0.183	0.186	0.188	1.2%
Liquefied Petroleum Gas	0.092	0.099	0.106	0.113	0.122	0.131	0.141	0.152	0.164	0.170	0.178	7.5%
Petrochemical Feedstocks	0.015	0.015	0.015	0.015	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.7%
Residual Fuel	0.030	0.004	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	-6.9%
Motor Gasoline 2/	0.043	0.043	0.044	0.045	0.046	0.047	0.048	0.049	0.050	0.051	0.051	1.6%
Other Petroleum 5/	0.860	0.873	0.866	0.869	0.871	0.873	0.872	0.868	0.871	0.874	0.874	0.9%
Petroleum Subtotal	1.202	1.198	1.199	1.214	1.228	1.242	1.255	1.265	1.282	1.296	1.306	1.5%
Natural Gas	0.935	0.979	1.025	1.029	1.028	1.026	1.029	1.031	1.023	1.041	1.058	1.0%
Lease and Plant Fuel 6/	0.278	0.334	0.393	0.395	0.396	0.395	0.402	0.409	0.405	0.399	0.394	0.6%
Natural Gas Subtotal	1.214	1.314	1.419	1.424	1.425	1.421	1.430	1.439	1.428	1.441	1.452	0.8%
Metallurgical Coal	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Steam Coal	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.2%
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	N/A
Coal Subtotal	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.2%
Renewable Energy 7/	0.207	0.210	0.215	0.220	0.226	0.231	0.236	0.241	0.247	0.252	0.258	2.3%
Electricity	0.361	0.365	0.372	0.379	0.385	0.391	0.396	0.402	0.409	0.417	0.425	1.7%
Delivered Energy	3.033	3.137	3.255	3.287	3.313	3.334	3.367	3.397	3.416	3.456	3.490	1.3%
Electricity Related Losses	0.547	0.551	0.549	0.565	0.570	0.572	0.571	0.567	0.575	0.576	0.574	1.1%
Total	3.580	3.688	3.804	3.852	3.883	3.906	3.938	3.965	3.991	4.032	4.065	1.2%
Transportation												
Distillate Fuel 8/	0.933	0.949	0.969	0.990	1.010	1.029	1.047	1.066	1.088	1.110	1.131	2.5%
Jet Fuel 9/	1.174	1.190	1.208	1.227	1.246	1.260	1.272	1.282	1.293	1.302	1.309	2.0%
Motor Gasoline 2/	3.198	3.250	3.301	3.354	3.407	3.456	3.509	3.563	3.617	3.683	3.746	1.9%
Residual Fuel	0.214	0.214	0.215	0.216	0.217	0.217	0.218	0.218	0.219	0.220	0.220	-0.2%
Liquefied Petroleum Gas	0.011	0.012	0.012	0.012	0.013	0.013	0.013	0.013	0.014	0.014	0.014	6.5%

Table 9. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) Pacific

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2003-2025
Other Petroleum 10/ Petroleum Subtotal	0.043 5.573	0.044 5.658	0.044 5.750	0.045 5.844	0.046 5.937	0.046 6.022	0.047 6.106	0.048 6.191	0.048 6.279	0.049 6.378	0.050 6.470	1.2% 1.9%
Pipeline Fuel Natural Gas	0.033	0.076	0.118	0.118	0.118	0.117	0.126	0.136	0.135	0.134	0.133	7.1%
Compressed Natural Gas	0.012	0.012	0.013	0.013	0.014	0.014	0.015	0.015	0.015	0.015	0.016	7.4%
Renewable Energy (E85) 11/ Liquid Hydrogen	0.000 0.000	0.001 0.000	0.001 0.000	0.001 0.000	0.001 0.000	0.001 0.000	0.001 0.000	0.001 0.000	0.001 0.000	0.001 0.001	0.001 0.001	6.9% N/A
Electricity	0.017	0.017	0.017	0.018	0.018	0.019	0.019	0.019	0.020	0.020	0.021	2.3%
Delivered Energy	5.635	5.764	5.899	5.995	6.088	6.173	6.267	6.362	6.449	6.550	6.642	2.0%
Electricity Related Losses	0.025	0.026	0.026	0.026	0.027	0.027	0.027	0.027	0.028	0.028	0.028	1.7%
Total	5.660	5.790	5.924	6.021	6.115	6.200	6.294	6.390	6.477	6.578	6.670	2.0%
Delivered Energy Consumption, All Sectors												
Distillate Fuel	1.175	1.192	1.215	1.239	1.262	1.283	1.303	1.325	1.349	1.373	1.396	2.2%
Kerosene	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.8%
Jet Fuel 9/	1.174	1.190	1.208	1.227	1.246	1.260	1.272	1.282	1.293	1.302	1.309	2.0%
Liquefied Petroleum Gas	0.140	0.148	0.156	0.165	0.174	0.184	0.195	0.207	0.219	0.226	0.234	5.8%
Motor Gasoline 2/	3.247	3.299	3.351	3.405	3.459	3.509	3.563	3.618	3.673	3.740	3.803	1.9%
Petrochemical Feedstocks	0.015	0.015	0.015	0.015	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.7%
Residual Fuel	0.245	0.219	0.218	0.218	0.219	0.220	0.220	0.221	0.221	0.222	0.223	-0.3%
Other Petroleum 12/ Petroleum Subtotal	0.902 6.901	0.916 6.982	0.910 7.077	0.914 7.186	0.916 7.293	0.919 7.393	0.919 7.490	0.915 7.585	0.919 7.691	0.923 7.804	0.923 7.907	0.9% 1.8%
Natural Gas	2.153	2.212	2.272	2.292	2.305	2.315	2.325	2.338	2.344	2.379	2.408	1.2%
Lease and Plant Fuel 6/ Pipeline Natural Gas	0.278 0.033	0.334 0.076	0.393 0.118	0.395 0.118	0.396 0.118	0.395 0.117	0.402 0.126	0.409 0.136	0.405 0.135	0.399 0.134	0.394 0.133	0.6% 7.1%
Natural Gas Subtotal	2.464	2.622	2.783	2.806	2.819	2.827	2.853	2.883	2.883	2.912	2.935	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	N/A
Steam Coal	0.058	0.058	0.058	0.058	0.058	0.058	0.058	0.058	0.058	0.058	0.058	0.2%
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	N/A
Coal Subtotal	0.058	0.058	0.058	0.058	0.058	0.058	0.058	0.058	0.058	0.058	0.058	0.2%
Renewable Energy 13/ Liquid Hydrogen	0.293 0.000	0.297 0.000	0.301 0.000	0.307 0.000	0.313 0.000	0.318 0.000	0.323 0.000	0.329 0.000	0.335 0.000	0.340 0.001	0.346 0.001	1.8% N/A
Electricity	1.732	1.770	1.809	1.849	1.889	1.929	1.966	2.007	2.052	2.101	2.146	2.2%
Delivered Energy	11.448	11.729	12.028	12.206	12.371	12.525	12.691	12.862	13.019	13.216	13.392	1.7%
Electricity Related Losses	2.628	2.670	2.665	2.760	2.797	2.824	2.835	2.831	2.886	2.903	2.902	1.5%
Total	14.076	14.399	14.693	14.966	15.168	15.350	15.526	15.693	15.905	16.119	16.294	1.7%
Electric Power 14/												
Distillate Fuel	0.039	0.036	0.026	0.027	0.027	0.027	0.028	0.028	0.029	0.029	0.030	7.6%
Residual Fuel	0.119	0.122	0.124	0.127	0.130	0.132	0.135	0.137	0.140	0.143	0.146	6.8%
Petroleum Subtotal	0.158	0.158	0.151	0.154	0.157	0.159	0.162	0.165	0.169	0.173	0.176	6.9%
Natural Gas	1.258	1.303	1.308	1.410	1.419	1.418	1.401	1.391	1.341	1.340	1.288	2.2%
Steam Coal	0.197	0.198	0.199	0.199	0.200	0.201	0.202	0.203	0.277	0.278	0.290	1.6%
Nuclear Power	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.2%
Renewable Energy/Other 15/ Electricity Imports	2.267 0.005	2.302 0.005	2.339 0.004	2.368 0.003	2.432 0.003	2.497 0.004	2.559 0.003	2.600 0.004	2.673 0.004	2.737 0.002	2.818 0.003	1.8% 4.1%
Total	4.360	4.441	4.474	4.609	4.686	4.754	4.802	4.838	4.938	5.004	5.049	1.8%
Total Energy Consumption												
Distillate Fuel	1.214	1.228	1.242	1.266	1.289	1.311	1.331	1.353	1.378	1.402	1.426	2.2%
Kerosene	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.8%
Jet Fuel 9/	1.174	1.190	1.208	1.227	1.246	1.260	1.272	1.282	1.293	1.302	1.309	2.0%
Liquefied Petroleum Gas	0.140	0.148	0.156	0.165	0.174	0.184	0.195	0.207	0.219	0.226	0.234	5.8%
Motor Gasoline 2/	3.247	3.299	3.351	3.405	3.459	3.509	3.563	3.618	3.673	3.740	3.803	1.9%
Petrochemical Feedstocks	0.015	0.015	0.015	0.015	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.7%
Residual Fuel	0.364	0.341	0.342	0.346	0.349	0.352	0.355	0.358	0.362	0.366	0.369	1.4%
Other Petroleum 12/ Petroleum Subtotal	0.902 7.059	0.916 7.140	0.910 7.227	0.914 7.340	0.916 7.450	0.919 7.552	0.919 7.652	0.915 7.751	0.919 7.860	0.923 7.977	0.923 8.083	0.9% 1.9%
Natural Gas	3.411	3.515	3.580	3.702	3.725	3.734	3.727	3.730	3.685	3.719	3.697	1.5%

Table 9. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) Pacific

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2003-2025
Lease and Plant Fuel 6/	0.278	0.334	0.393	0.395	0.396	0.395	0.402	0.409	0.405	0.399	0.394	0.6%
Pipeline Natural Gas	0.033	0.076	0.118	0.118	0.118	0.117	0.126	0.136	0.135	0.134	0.133	7.1%
Natural Gas Subtotal	3.722	3.926	4.091	4.216	4.238	4.246	4.255	4.275	4.224	4.253	4.224	1.5%
Metallurgical Coal	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Steam Coal	0.255	0.256	0.257	0.258	0.258	0.259	0.260	0.261	0.335	0.336	0.348	1.3%
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	N/A
Coal Subtotal	0.255	0.256	0.257	0.258	0.258	0.259	0.260	0.261	0.335	0.336	0.348	1.3%
Nuclear Power	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.2%
Renewable Energy 16/	2.559	2.598	2.639	2.674	2.744	2.815	2.881	2.928	3.007	3.076	3.163	1.8%
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	N/A
Electricity Imports	0.005	0.005	0.004	0.003	0.003	0.004	0.003	0.004	0.004	0.002	0.003	4.1%
Total	14.076	14.399	14.693	14.966	15.168	15.350	15.526	15.693	15.905	16.119	16.294	1.7%
Energy Use & Related Statistics												
Delivered Energy Use	11.448	11.729	12.028	12.206	12.371	12.525	12.691	12.862	13.019	13.216	13.392	1.7%
Total Energy Use	14.076	14.399	14.693	14.966	15.168	15.350	15.526	15.693	15.905	16.119	16.294	1.7%
Population (millions)	54.519	55.161	55.807	56.456	57.110	57.767	58.432	59.105	59.786	60.477	61.177	1.2%

Table 9. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) Pacific

1/ Includes wood used for residential heating. See Table A18 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 the field gathering and processing plant machinery.

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

8/ Diesel fuel containing 500 parts per million (ppm) or 15 ppm sulfur.

9/ Includes only kerosene type.

10/ Includes aviation gasoline and lubricants.

11/ 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 actually varies seasonally. The annual average ethanol content of 74 percent is used for this forecast.

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 (CHP) 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, municipal solid waste, other biomass, petroleum coke, wind, photovoltaic and solar thermal sources. Excludes net electricity imports.

16/ Includes hydroelectric, geothermal, wood and wood waste, 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.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Data for 2002 and 2003 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: 2002 and 2003 consumption based on: Energy Information Administration (EIA), Annual Energy Review 2003, DOE/EIA-0384(2003) (Washington, DC, September 2004). 2002 and 2003 population and gross domestic product: Global Insight macroeconomic model T250804. 2002 and 2003 carbon dioxide emissions: EIA, Emissions of Greenhouse Gases in the United States 2003, DOE/EIA-0573(2003) (Washington, DC, December 2004). Projections: EIA, AEO2005 National Energy Modeling System run aeo2005.d102004a.

Table 10. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) United States

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Energy Consumption													
Residential													
Distillate Fuel	0.92	0.96	0.91	0.88	0.88	0.89	0.90	0.90	0.90	0.90	0.90	0.89	0.88
Kerosene	0.06	0.07	0.08	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09
Liquefied Petroleum Gas	0.57	0.54	0.56	0.52	0.53	0.54	0.55	0.56	0.57	0.58	0.59	0.59	0.60
Petroleum Subtotal	1.54	1.58	1.56	1.49	1.50	1.52	1.54	1.55	1.56	1.57	1.58	1.58	1.58
Natural Gas	5.04	5.25	5.10	5.20	5.26	5.37	5.50	5.59	5.68	5.77	5.84	5.86	5.88
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/	0.39	0.40	0.39	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.39	0.39
Electricity	4.32	4.37	4.39	4.55	4.63	4.73	4.85	4.93	5.02	5.10	5.19	5.25	5.33
Delivered Energy	11.30	11.61	11.46	11.65	11.80	12.03	12.30	12.48	12.67	12.84	13.02	13.09	13.19
Electricity Related Losses	9.62	9.71	9.72	10.03	10.17	10.38	10.58	10.68	10.80	10.90	11.02	11.11	11.20
Total	20.92	21.31	21.17	21.68	21.97	22.41	22.87	23.16	23.47	23.75	24.04	24.20	24.40
Commercial													
Distillate Fuel	0.50	0.52	0.53	0.52	0.54	0.57	0.59	0.60	0.62	0.62	0.63	0.64	0.65
Residual Fuel	0.08	0.07	0.06	0.07	0.08	0.08	0.07	0.07	0.07	0.07	0.07	0.07	0.07
Kerosene	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
Liquefied Petroleum Gas	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
Motor Gasoline 2/	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
Petroleum Subtotal	0.74	0.75	0.76	0.75	0.78	0.81	0.83	0.84	0.86	0.87	0.88	0.88	0.90
Natural Gas	3.20	3.22	3.19	3.15	3.20	3.28	3.36	3.42	3.49	3.54	3.58	3.62	3.65
Coal	0.09	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
Renewable Energy 3/	0.08	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09
Electricity	4.12	4.13	4.19	4.31	4.43	4.58	4.73	4.87	5.00	5.13	5.26	5.38	5.50
Delivered Energy	8.23	8.29	8.33	8.40	8.60	8.85	9.10	9.32	9.53	9.72	9.90	10.07	10.24
Electricity Related Losses	9.18	9.18	9.27	9.50	9.75	10.05	10.32	10.55	10.76	10.97	11.17	11.38	11.58
Total	17.40	17.46	17.60	17.90	18.35	18.90	19.42	19.87	20.29	20.69	21.06	21.45	21.81
Industrial 4/													
Distillate Fuel	0.99	1.03	1.03	1.04	1.03	1.04	1.04	1.05	1.04	1.05	1.05	1.06	1.07
Liquefied Petroleum Gas	2.17	2.09	2.16	2.22	2.21	2.21	2.25	2.29	2.30	2.33	2.36	2.38	2.42
Petrochemical Feedstocks	1.22	1.32	1.29	1.36	1.37	1.38	1.42	1.46	1.48	1.49	1.50	1.51	1.52
Residual Fuel	0.21	0.28	0.29	0.28	0.29	0.30	0.30	0.32	0.34	0.34	0.35	0.36	0.39
Motor Gasoline 2/	0.30	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.32	0.32	0.32	0.33
Other Petroleum 5/	4.26	4.30	4.45	4.46	4.62	4.69	4.77	4.82	4.69	4.61	4.58	4.57	4.61
Petroleum Subtotal	9.15	9.31	9.53	9.68	9.83	9.91	10.09	10.24	10.17	10.14	10.16	10.19	10.33
Natural Gas	7.75	7.19	7.28	7.43	7.62	7.68	7.81	7.88	8.10	8.29	8.40	8.47	8.50
Lease and Plant Fuel 6/	1.14	1.15	1.15	1.16	1.15	1.16	1.18	1.20	1.20	1.23	1.25	1.24	1.25
Natural Gas Subtotal	8.90	8.34	8.42	8.60	8.78	8.84	8.99	9.08	9.31	9.52	9.64	9.71	9.75
Metallurgical Coal	0.65	0.67	0.70	0.66	0.64	0.62	0.59	0.57	0.55	0.54	0.52	0.51	0.49
Steam Coal	1.37	1.39	1.39	1.42	1.40	1.41	1.42	1.42	1.42	1.42	1.42	1.42	1.42
Net Coal Coke Imports	0.06	0.05	0.12	0.09	0.08	0.07	0.07	0.07	0.06	0.06	0.06	0.05	0.05
Coal Subtotal	2.08	2.11	2.21	2.17	2.12	2.09	2.08	2.06	2.03	2.02	2.00	1.98	1.97
Renewable Energy 7/	1.78	1.79	1.89	1.94	1.96	1.98	2.02	2.05	2.07	2.09	2.11	2.13	2.16
Electricity	3.32	3.31	3.44	3.52	3.55	3.61	3.68	3.75	3.78	3.82	3.86	3.89	3.95
Delivered Energy	25.23	24.86	25.49	25.90	26.24	26.44	26.86	27.18	27.35	27.59	27.78	27.91	28.16
Electricity Related Losses	7.38	7.35	7.60	7.76	7.81	7.92	8.03	8.11	8.13	8.17	8.20	8.23	8.30
Total	32.61	32.21	33.09	33.66	34.05	34.36	34.88	35.29	35.47	35.75	35.98	36.14	36.46
Transportation													
Distillate Fuel 8/	5.42	5.54	5.82	6.06	6.20	6.37	6.59	6.79	6.95	7.11	7.25	7.38	7.54
Jet Fuel 9/	3.34	3.26	3.42	3.53	3.63	3.74	3.81	3.91	4.04	4.15	4.24	4.31	4.38
Motor Gasoline 2/	16.48	16.64	16.96	17.22	17.56	17.96	18.36	18.76	19.14	19.47	19.81	20.14	20.48

Table 10. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) United States

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Residual Fuel	0.65	0.62	0.55	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.57	0.57	0.57
Liquefied Petroleum Gas	0.02	0.02	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07
Other Petroleum 10/	0.20	0.24	0.24	0.24	0.24	0.25	0.25	0.25	0.26	0.26	0.26	0.26	0.27
Petroleum Subtotal	26.10	26.31	27.02	27.65	28.23	28.92	29.63	30.33	31.00	31.61	32.18	32.72	33.30
Pipeline Fuel Natural Gas	0.69	0.65	0.66	0.67	0.67	0.67	0.69	0.70	0.70	0.71	0.72	0.72	0.73
Compressed Natural Gas	0.01	0.02	0.03	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08
Renewable Energy (E85) 11/	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
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
Electricity	0.08	0.08	0.08	0.08	0.08	0.08	0.09	0.09	0.09	0.09	0.09	0.09	0.10
Delivered Energy	26.88	27.07	27.78	28.43	29.02	29.71	30.45	31.17	31.85	32.48	33.07	33.61	34.21
Electricity Related Losses	0.17	0.17	0.17	0.18	0.18	0.18	0.19	0.19	0.19	0.19	0.20	0.20	0.20
Total	27.05	27.24	27.96	28.61	29.20	29.90	30.63	31.36	32.04	32.67	33.26	33.81	34.41
Delivered Energy Consumption, All Sectors													
Distillate Fuel	7.83	8.04	8.29	8.51	8.66	8.86	9.11	9.34	9.51	9.67	9.83	9.96	10.14
Kerosene	0.09	0.11	0.12	0.13	0.13	0.13	0.13	0.14	0.14	0.14	0.14	0.14	0.14
Jet Fuel 9/	3.34	3.26	3.42	3.53	3.63	3.74	3.81	3.91	4.04	4.15	4.24	4.31	4.38
Liquefied Petroleum Gas	2.86	2.75	2.85	2.88	2.88	2.89	2.95	3.01	3.03	3.07	3.12	3.15	3.19
Motor Gasoline 2/	16.82	16.98	17.31	17.57	17.91	18.31	18.71	19.12	19.49	19.83	20.17	20.50	20.84
Petrochemical Feedstocks	1.22	1.32	1.29	1.36	1.37	1.38	1.42	1.46	1.48	1.49	1.50	1.51	1.52
Residual Fuel	0.93	0.97	0.90	0.91	0.92	0.93	0.93	0.96	0.97	0.98	0.99	1.00	1.03
Other Petroleum 12/	4.45	4.52	4.67	4.68	4.85	4.92	5.00	5.05	4.93	4.85	4.83	4.81	4.86
Petroleum Subtotal	37.53	37.96	38.86	39.57	40.35	41.16	42.08	42.97	43.58	44.18	44.80	45.37	46.10
Natural Gas	16.00	15.68	15.60	15.82	16.13	16.36	16.71	16.94	17.33	17.66	17.89	18.02	18.12
Lease and Plant Fuel 6/	1.14	1.15	1.15	1.16	1.15	1.16	1.18	1.20	1.20	1.23	1.25	1.24	1.25
Pipeline Natural Gas	0.69	0.65	0.66	0.67	0.67	0.67	0.69	0.70	0.70	0.71	0.72	0.72	0.73
Natural Gas Subtotal	17.83	17.48	17.40	17.65	17.95	18.20	18.57	18.84	19.23	19.60	19.85	19.99	20.10
Metallurgical Coal	0.65	0.67	0.70	0.66	0.64	0.62	0.59	0.57	0.55	0.54	0.52	0.51	0.49
Steam Coal	1.47	1.50	1.50	1.53	1.51	1.52	1.53	1.53	1.53	1.53	1.53	1.53	1.53
Net Coal Coke Imports	0.06	0.05	0.12	0.09	0.08	0.07	0.07	0.07	0.06	0.06	0.06	0.05	0.05
Coal Subtotal	2.18	2.22	2.32	2.28	2.23	2.20	2.19	2.17	2.14	2.13	2.11	2.09	2.07
Renewable Energy 13/	2.25	2.28	2.38	2.43	2.45	2.47	2.50	2.53	2.55	2.58	2.60	2.62	2.64
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
Electricity	11.84	11.88	12.10	12.45	12.70	13.01	13.35	13.64	13.89	14.14	14.40	14.62	14.88
Delivered Energy	71.63	71.82	73.06	74.38	75.67	77.03	78.70	80.15	81.39	82.63	83.76	84.69	85.80
Electricity Related Losses	26.35	26.40	26.76	27.46	27.91	28.54	29.11	29.53	29.88	30.23	30.59	30.92	31.29
Total	97.99	98.22	99.81	101.85	103.58	105.57	107.81	109.68	111.27	112.86	114.34	115.61	117.08
Electric Power 14/													
Distillate Fuel	0.20	0.33	0.32	0.36	0.36	0.38	0.38	0.39	0.39	0.40	0.37	0.38	0.39
Residual Fuel	0.68	0.80	0.88	0.89	0.88	0.89	0.85	0.87	0.87	0.88	0.90	0.90	0.93
Petroleum Subtotal	0.88	1.13	1.20	1.24	1.24	1.27	1.23	1.25	1.26	1.28	1.27	1.28	1.32
Natural Gas	5.76	5.06	5.33	5.26	5.30	5.49	6.01	6.45	6.87	7.32	7.68	8.02	8.33
Steam Coal	19.80	20.49	20.36	21.03	21.49	22.10	22.49	22.70	22.81	22.93	23.13	23.27	23.46
Nuclear Power	8.14	7.97	8.30	8.31	8.35	8.44	8.46	8.46	8.49	8.50	8.53	8.57	8.59
Renewable Energy/Other 15/	3.54	3.62	3.65	4.06	4.21	4.23	4.25	4.28	4.30	4.30	4.32	4.35	4.41
Electricity Imports	0.07	0.02	0.01	0.02	0.02	0.02	0.02	0.02	0.03	0.05	0.06	0.05	0.06
Total	38.19	38.28	38.86	39.91	40.61	41.55	42.46	43.17	43.77	44.38	44.99	45.54	46.16
Total Energy Consumption													
Distillate Fuel	8.03	8.37	8.61	8.87	9.02	9.24	9.49	9.73	9.90	10.07	10.20	10.34	10.53
Kerosene	0.09	0.11	0.12	0.13	0.13	0.13	0.13	0.14	0.14	0.14	0.14	0.14	0.14
Jet Fuel 9/	3.34	3.26	3.42	3.53	3.63	3.74	3.81	3.91	4.04	4.15	4.24	4.31	4.38
Liquefied Petroleum Gas	2.86	2.75	2.85	2.88	2.88	2.89	2.95	3.01	3.03	3.07	3.12	3.15	3.19
Motor Gasoline 2/	16.82	16.98	17.31	17.57	17.91	18.31	18.71	19.12	19.49	19.83	20.17	20.50	20.84
Petrochemical Feedstocks	1.22	1.32	1.29	1.36	1.37	1.38	1.42	1.46	1.48	1.49	1.50	1.51	1.52

Table 10. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) United States

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Residual Fuel	1.61	1.77	1.78	1.79	1.80	1.82	1.78	1.82	1.84	1.86	1.88	1.90	1.96
Other Petroleum 12/	4.45	4.52	4.67	4.68	4.85	4.92	5.00	5.05	4.93	4.85	4.83	4.81	4.86
Petroleum Subtotal	38.41	39.09	40.06	40.81	41.59	42.42	43.31	44.22	44.84	45.46	46.06	46.66	47.42
Natural Gas	21.76	20.74	20.93	21.08	21.43	21.86	22.72	23.39	24.21	24.98	25.57	26.04	26.44
Lease and Plant Fuel 6/	1.14	1.15	1.15	1.16	1.15	1.16	1.18	1.20	1.20	1.23	1.25	1.24	1.25
Pipeline Natural Gas	0.69	0.65	0.66	0.67	0.67	0.67	0.69	0.70	0.70	0.71	0.72	0.72	0.73
Natural Gas Subtotal	23.59	22.54	22.73	22.92	23.25	23.69	24.58	25.29	26.11	26.92	27.54	28.00	28.42
Metallurgical Coal	0.65	0.67	0.70	0.66	0.64	0.62	0.59	0.57	0.55	0.54	0.52	0.51	0.49
Steam Coal	21.27	21.99	21.86	22.55	23.01	23.62	24.01	24.23	24.34	24.47	24.66	24.80	24.99
Net Coal Coke Imports	0.06	0.05	0.12	0.09	0.08	0.07	0.07	0.07	0.06	0.06	0.06	0.05	0.05
Coal Subtotal	21.98	22.71	22.68	23.30	23.72	24.30	24.68	24.87	24.95	25.06	25.23	25.36	25.54
Nuclear Power	8.14	7.97	8.30	8.31	8.35	8.44	8.46	8.46	8.49	8.50	8.53	8.57	8.59
Renewable Energy 16/	5.79	5.89	6.02	6.49	6.65	6.70	6.75	6.81	6.85	6.87	6.92	6.97	7.05
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
Electricity Imports	0.07	0.02	0.01	0.02	0.02	0.02	0.02	0.02	0.03	0.05	0.06	0.05	0.06
Total	97.99	98.22	99.81	101.85	103.58	105.57	107.81	109.68	111.27	112.86	114.34	115.61	117.08
Energy Use & Related Statistics													
Delivered Energy Use	71.63	71.82	73.06	74.38	75.67	77.03	78.70	80.15	81.39	82.63	83.76	84.69	85.80
Total Energy Use	97.99	98.22	99.81	101.85	103.58	105.57	107.81	109.68	111.27	112.86	114.34	115.61	117.08
Population (millions)	288.60	291.39	294.10	296.79	299.48	302.15	304.79	307.45	310.12	312.78	315.46	318.16	320.85
US GDP (billion 2000 dollars)	10075	10381	10834	11221	11557	11948	12296	12686	13084	13474	13869	14300	14774
Carbon Dioxide Emissions (million metric tons)	5751	5789	5905	6023	6138	6274	6415	6533	6627	6721	6812	6889	6979

Table 10. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) United States

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2003-2025
Energy Consumption												
Residential												
Distillate Fuel	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.77	-1.0%
Kerosene	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.8%
Liquefied Petroleum Gas	0.61	0.62	0.62	0.63	0.64	0.64	0.65	0.65	0.66	0.66	0.67	0.9%
Petroleum Subtotal	1.58	1.58	1.58	1.57	1.57	1.56	1.55	1.55	1.54	1.54	1.53	-0.1%
Natural Gas	5.90	5.95	5.97	6.00	6.02	6.05	6.05	6.07	6.11	6.15	6.17	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	-1.0%
Renewable Energy 1/	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.38	0.38	0.38	0.38	-0.3%
Electricity	5.40	5.49	5.55	5.63	5.70	5.79	5.85	5.93	6.01	6.11	6.18	1.6%
Delivered Energy	13.29	13.43	13.50	13.60	13.68	13.80	13.84	13.94	14.05	14.19	14.26	0.9%
Electricity Related Losses	11.29	11.40	11.47	11.55	11.65	11.77	11.84	11.96	12.09	12.25	12.35	1.1%
Total	24.58	24.82	24.97	25.15	25.33	25.56	25.69	25.90	26.14	26.44	26.62	1.0%
Commercial												
Distillate Fuel	0.66	0.67	0.68	0.69	0.70	0.71	0.72	0.73	0.74	0.75	0.77	1.8%
Residual Fuel	0.07	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.2%
Kerosene	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.5%
Liquefied Petroleum Gas	0.10	0.10	0.10	0.10	0.10	0.11	0.11	0.11	0.11	0.11	0.11	0.5%
Motor Gasoline 2/	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.2%
Petroleum Subtotal	0.91	0.92	0.93	0.94	0.95	0.96	0.97	0.98	0.99	1.00	1.02	1.4%
Natural Gas	3.69	3.73	3.79	3.83	3.87	3.91	3.95	4.00	4.05	4.11	4.17	1.2%
Coal	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	-0.1%
Renewable Energy 3/	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.0%
Electricity	5.63	5.77	5.91	6.05	6.19	6.33	6.47	6.62	6.79	6.95	7.12	2.5%
Delivered Energy	10.41	10.60	10.81	11.01	11.19	11.38	11.57	11.78	12.01	12.25	12.49	1.9%
Electricity Related Losses	11.77	11.98	12.21	12.42	12.65	12.86	13.11	13.37	13.65	13.95	14.25	2.0%
Total	22.18	22.58	23.03	23.43	23.84	24.24	24.69	25.16	25.66	26.20	26.74	2.0%
Industrial 4/												
Distillate Fuel	1.08	1.09	1.10	1.11	1.13	1.14	1.15	1.16	1.17	1.18	1.19	0.7%
Liquefied Petroleum Gas	2.44	2.45	2.48	2.52	2.56	2.59	2.62	2.65	2.68	2.71	2.74	1.2%
Petrochemical Feedstocks	1.52	1.51	1.52	1.53	1.54	1.55	1.55	1.56	1.56	1.56	1.57	0.8%
Residual Fuel	0.38	0.36	0.36	0.37	0.38	0.38	0.37	0.36	0.36	0.37	0.38	1.4%
Motor Gasoline 2/	0.33	0.33	0.34	0.34	0.34	0.35	0.35	0.36	0.36	0.37	0.37	0.9%
Other Petroleum 5/	4.69	4.76	4.82	4.88	4.95	5.02	5.08	5.11	5.14	5.18	5.23	0.9%
Petroleum Subtotal	10.43	10.49	10.61	10.76	10.90	11.03	11.12	11.19	11.27	11.37	11.47	1.0%
Natural Gas	8.50	8.59	8.71	8.78	8.84	8.89	8.96	9.04	9.11	9.19	9.26	1.2%
Lease and Plant Fuel 6/	1.23	1.25	1.31	1.33	1.33	1.32	1.32	1.31	1.30	1.30	1.31	0.6%
Natural Gas Subtotal	9.73	9.84	10.02	10.11	10.17	10.21	10.28	10.34	10.41	10.49	10.57	1.1%
Metallurgical Coal	0.48	0.47	0.45	0.44	0.43	0.42	0.41	0.40	0.39	0.38	0.37	-2.7%
Steam Coal	1.42	1.42	1.42	1.42	1.42	1.42	1.42	1.42	1.42	1.42	1.42	0.1%
Net Coal Coke Imports	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	-0.2%
Coal Subtotal	1.95	1.94	1.92	1.91	1.90	1.89	1.87	1.86	1.85	1.84	1.83	-0.6%
Renewable Energy 7/	2.19	2.20	2.24	2.27	2.31	2.34	2.38	2.41	2.44	2.47	2.50	1.5%
Electricity	3.98	4.00	4.05	4.11	4.15	4.19	4.22	4.26	4.30	4.35	4.39	1.3%
Delivered Energy	28.27	28.46	28.84	29.17	29.43	29.66	29.88	30.06	30.27	30.52	30.76	1.0%
Electricity Related Losses	8.31	8.30	8.36	8.43	8.49	8.52	8.56	8.60	8.65	8.72	8.78	0.8%
Total	36.58	36.76	37.20	37.60	37.92	38.19	38.44	38.66	38.92	39.24	39.53	0.9%
Transportation												
Distillate Fuel 8/	7.67	7.77	7.92	8.07	8.21	8.35	8.47	8.60	8.76	8.91	9.05	2.3%
Jet Fuel 9/	4.45	4.50	4.56	4.63	4.69	4.74	4.78	4.81	4.84	4.87	4.89	1.9%
Motor Gasoline 2/	20.81	21.12	21.43	21.73	22.03	22.31	22.62	22.94	23.28	23.66	24.04	1.7%

Table 10. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) United States

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2003-2025
Residual Fuel	0.57	0.57	0.57	0.57	0.57	0.58	0.58	0.58	0.58	0.58	0.58	-0.3%
Liquefied Petroleum Gas	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.08	0.08	0.09	0.09	6.0%
Other Petroleum 10/ Petroleum Subtotal	0.27 33.84	0.27 34.31	0.28 34.84	0.28 35.37	0.29 35.88	0.29 36.35	0.30 36.82	0.30 37.31	0.31 37.84	0.31 38.41	0.31 38.97	1.2% 1.8%
Pipeline Fuel Natural Gas	0.73	0.76	0.81	0.82	0.83	0.82	0.83	0.83	0.83	0.84	0.84	1.2%
Compressed Natural Gas	0.08	0.09	0.09	0.09	0.09	0.10	0.10	0.10	0.10	0.11	0.11	7.6%
Renewable Energy (E85) 11/ 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 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	6.7% N/A
Electricity	0.10	0.10	0.10	0.10	0.11	0.11	0.11	0.11	0.12	0.12	0.12	2.0%
Delivered Energy	34.75	35.26	35.85	36.39	36.91	37.39	37.86	38.37	38.90	39.48	40.04	1.8%
Electricity Related Losses	0.21	0.21	0.21	0.21	0.22	0.22	0.22	0.23	0.23	0.24	0.24	1.5%
Total	34.96	35.47	36.06	36.60	37.13	37.61	38.09	38.59	39.13	39.72	40.28	1.8%
Delivered Energy Consumption, All Sectors												
Distillate Fuel	10.28	10.40	10.56	10.73	10.88	11.03	11.16	11.30	11.47	11.63	11.78	1.8%
Kerosene	0.14	0.14	0.14	0.14	0.14	0.14	0.13	0.13	0.13	0.13	0.13	0.6%
Jet Fuel 9/ Liquefied Petroleum Gas	4.45 3.22	4.50 3.24	4.56 3.28	4.63 3.33	4.69 3.38	4.74 3.42	4.78 3.45	4.81 3.49	4.84 3.52	4.87 3.56	4.89 3.60	1.9% 1.2%
Motor Gasoline 2/ Petrochemical Feedstocks	21.18 1.52	21.49 1.51	21.81 1.52	22.11 1.53	22.41 1.54	22.70 1.55	23.01 1.55	23.33 1.56	23.68 1.56	24.06 1.56	24.45 1.57	1.7% 0.8%
Residual Fuel	1.02	1.00	1.00	1.02	1.03	1.03	1.02	1.02	1.02	1.03	1.03	0.3%
Other Petroleum 12/ Petroleum Subtotal	4.94 46.75	5.01 47.30	5.08 47.96	5.15 48.64	5.22 49.29	5.30 49.90	5.36 50.47	5.39 51.03	5.42 51.64	5.48 52.33	5.53 52.98	0.9% 1.5%
Natural Gas	18.17	18.35	18.55	18.70	18.82	18.94	19.06	19.21	19.37	19.56	19.70	1.0%
Lease and Plant Fuel 6/ Pipeline Natural Gas	1.23 0.73	1.25 0.76	1.31 0.81	1.33 0.82	1.33 0.83	1.32 0.82	1.32 0.83	1.31 0.83	1.30 0.83	1.30 0.84	1.31 0.84	0.6% 1.2%
Natural Gas Subtotal	20.13	20.37	20.67	20.85	20.98	21.09	21.20	21.35	21.50	21.70	21.85	1.0%
Metallurgical Coal	0.48	0.47	0.45	0.44	0.43	0.42	0.41	0.40	0.39	0.38	0.37	-2.7%
Steam Coal	1.52	1.52	1.52	1.53	1.52	1.52	1.52	1.52	1.52	1.52	1.52	0.1%
Net Coal Coke Imports	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	-0.2%
Coal Subtotal	2.06	2.04	2.03	2.02	2.01	2.00	1.98	1.97	1.96	1.95	1.94	-0.6%
Renewable Energy 13/ Liquid Hydrogen	2.67 0.00	2.69 0.00	2.72 0.00	2.75 0.00	2.79 0.00	2.82 0.00	2.85 0.00	2.88 0.00	2.92 0.00	2.94 0.00	2.97 0.00	1.2% N/A
Electricity	15.11	15.36	15.62	15.89	16.15	16.41	16.65	16.92	17.21	17.52	17.81	1.9%
Delivered Energy	86.73	87.75	89.00	90.16	91.21	92.23	93.16	94.15	95.23	96.45	97.56	1.4%
Electricity Related Losses	31.57	31.88	32.26	32.62	33.00	33.37	33.74	34.15	34.62	35.15	35.62	1.4%
Total	118.29	119.64	121.26	122.78	124.21	125.60	126.90	128.31	129.85	131.60	133.18	1.4%
Electric Power 14/												
Distillate Fuel	0.40	0.40	0.39	0.40	0.41	0.42	0.43	0.43	0.43	0.44	0.45	1.4%
Residual Fuel	0.92	0.92	0.91	0.94	0.99	0.98	0.99	0.99	0.97	0.97	0.98	0.9%
Petroleum Subtotal	1.32	1.32	1.30	1.34	1.39	1.40	1.42	1.41	1.40	1.41	1.43	1.1%
Natural Gas	8.56	8.82	9.14	9.39	9.55	9.64	9.63	9.64	9.56	9.67	9.61	3.0%
Steam Coal	23.65	23.87	24.16	24.46	24.81	25.28	25.80	26.43	27.20	27.86	28.54	1.5%
Nuclear Power	8.62	8.65	8.67	8.67	8.67	8.67	8.67	8.67	8.67	8.67	8.67	0.4%
Renewable Energy/Other 15/ Electricity Imports	4.46 0.07	4.52 0.07	4.56 0.05	4.60 0.05	4.67 0.05	4.75 0.05	4.82 0.05	4.88 0.05	4.95 0.06	5.04 0.03	5.14 0.04	1.6% 4.1%
Total	46.68	47.24	47.88	48.51	49.14	49.79	50.39	51.08	51.83	52.68	53.43	1.5%
Total Energy Consumption												
Distillate Fuel	10.68	10.80	10.96	11.13	11.29	11.45	11.59	11.73	11.90	12.07	12.23	1.7%
Kerosene	0.14	0.14	0.14	0.14	0.14	0.14	0.13	0.13	0.13	0.13	0.13	0.6%
Jet Fuel 9/ Liquefied Petroleum Gas	4.45 3.22	4.50 3.24	4.56 3.28	4.63 3.33	4.69 3.38	4.74 3.42	4.78 3.45	4.81 3.49	4.84 3.52	4.87 3.56	4.89 3.60	1.9% 1.2%
Motor Gasoline 2/ Petrochemical Feedstocks	21.18 1.52	21.49 1.51	21.81 1.52	22.11 1.53	22.41 1.54	22.70 1.55	23.01 1.55	23.33 1.56	23.68 1.56	24.06 1.56	24.45 1.57	1.7% 0.8%

Table 10. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) United States

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2003-2025
Residual Fuel	1.94	1.92	1.91	1.96	2.02	2.01	2.00	2.01	1.99	2.00	2.02	0.6%
Other Petroleum 12/ Petroleum Subtotal	4.94	5.01	5.08	5.15	5.22	5.30	5.36	5.39	5.42	5.48	5.53	0.9%
Natural Gas	26.73	27.17	27.69	28.10	28.37	28.59	28.70	28.85	28.93	29.23	29.32	1.6%
Lease and Plant Fuel 6/ Pipeline Natural Gas	1.23	1.25	1.31	1.33	1.33	1.32	1.32	1.31	1.30	1.30	1.31	0.6%
Natural Gas Subtotal	28.69	29.18	29.81	30.25	30.53	30.73	30.84	30.99	31.06	31.37	31.47	1.5%
Metallurgical Coal	0.48	0.47	0.45	0.44	0.43	0.42	0.41	0.40	0.39	0.38	0.37	-2.7%
Steam Coal	25.17	25.40	25.69	25.99	26.34	26.80	27.33	27.95	28.73	29.39	30.07	1.4%
Net Coal Coke Imports	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	-0.2%
Coal Subtotal	25.71	25.92	26.19	26.49	26.82	27.27	27.79	28.40	29.16	29.81	30.48	1.3%
Nuclear Power	8.62	8.65	8.67	8.67	8.67	8.67	8.67	8.67	8.67	8.67	8.67	0.4%
Renewable Energy 16/ Liquid Hydrogen	7.13	7.21	7.27	7.35	7.46	7.57	7.68	7.76	7.86	7.98	8.10	1.5%
Electricity Imports	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Total	118.29	119.64	121.26	122.78	124.21	125.60	126.90	128.31	129.85	131.60	133.18	1.4%
Energy Use & Related Statistics												
Delivered Energy Use	86.73	87.75	89.00	90.16	91.21	92.23	93.16	94.15	95.23	96.45	97.56	1.4%
Total Energy Use	118.29	119.64	121.26	122.78	124.21	125.60	126.90	128.31	129.85	131.60	133.18	1.4%
Population (millions)	323.55	326.25	328.94	331.63	334.31	336.99	339.68	342.38	345.11	347.86	350.64	0.8%
US GDP (billion 2000 dollars)	15216	15658	16148	16649	17138	17634	18135	18661	19203	19745	20292	3.1%
Carbon Dioxide Emissions (million metric tons)	7052	7135	7236	7334	7427	7520	7610	7712	7826	7949	8062	1.5%

Table 10. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) United States

1/ Includes wood used for residential heating. See Table A18 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 the field gathering and processing plant machinery

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

8/ Diesel fuel containing 500 parts per million (ppm) or 15 ppm sulfur.

9/ Includes only kerosene type.

10/ Includes aviation gasoline and lubricants.

11/ 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 actually varies seasonally. The annual average ethanol content of 74 percent is used for this forecast

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 (CHP) 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, municipal solid waste, other biomass, petroleum coke, wind, photovoltaic and solar thermal sources. Excludes net electricity imports.

16/ Includes hydroelectric, geothermal, wood and wood waste, 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.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Data for 2002 and 2003 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: 2002 and 2003 consumption based on: Energy Information Administration (EIA), Annual Energy Review 2003, DOE/EIA-0384(2003) (Washington, DC, September 2004); 2002 and 2003 population and gross domestic product: Global Insight macroeconomic model T250804. 2002 and 2003 carbon dioxide emissions: EIA, Emissions of Greenhouse Gases in the United States 2003, DOE/EIA-0573(2003) (Washington, DC, December 2004). Projections: EIA, AEO2005 National Energy Modeling System run aeo2005.d102004a

Table 11. Energy Prices by Sector and Source (2003 Dollars per Million Btu, Unless Otherwise Noted) New England

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Residential	14.70	15.75	16.69	16.51	15.21	14.50	14.24	14.19	14.23	14.36	14.54	14.78	15.11
Primary Energy 1/	9.41	10.80	11.75	11.45	10.44	10.00	9.74	9.53	9.45	9.40	9.44	9.55	9.66
Petroleum Products 2/	8.91	10.07	11.30	10.82	9.70	9.29	9.10	8.92	8.92	8.89	8.94	9.04	9.11
Distillate Fuel	8.22	9.40	10.35	9.95	8.90	8.51	8.32	8.14	8.14	8.11	8.15	8.24	8.31
Liquefied Petroleum Gas	16.31	18.27	22.04	21.40	19.42	18.81	18.61	18.32	18.29	18.22	18.28	18.37	18.38
Natural Gas	10.38	12.17	12.58	12.60	11.77	11.27	10.87	10.62	10.38	10.29	10.31	10.44	10.61
Electricity	33.35	34.14	34.74	33.92	31.46	29.65	29.27	29.65	29.99	30.65	31.24	31.78	32.69
Commercial	17.32	18.41	18.13	18.09	16.52	15.35	14.82	14.65	14.56	14.75	15.00	15.43	16.33
Primary Energy 1/	7.74	9.37	9.63	9.45	8.64	8.27	8.05	7.89	7.84	7.88	7.88	7.94	8.03
Petroleum Products 2/	6.93	8.01	8.90	8.51	7.59	7.23	7.10	6.94	7.03	7.11	7.12	7.16	7.19
Distillate Fuel	6.63	7.59	8.34	8.02	7.26	6.94	6.79	6.64	6.77	6.88	6.89	6.93	6.96
Residual Fuel	3.95	4.60	4.69	4.95	4.56	4.14	3.96	3.83	3.78	3.84	3.91	3.96	4.03
Natural Gas	8.33	10.36	10.17	10.17	9.45	9.06	8.76	8.59	8.45	8.45	8.44	8.51	8.64
Electricity	29.62	30.51	29.42	29.14	26.59	24.24	23.19	22.91	22.67	22.94	23.42	24.20	26.00
Industrial 3/	9.04	10.01	10.79	10.79	9.72	8.99	8.58	8.26	8.01	7.97	8.00	8.14	8.44
Primary Energy	5.41	6.62	7.26	7.35	6.49	6.05	5.85	5.68	5.60	5.63	5.65	5.71	5.80
Petroleum Products 2/	5.66	6.38	7.20	7.37	6.41	5.95	5.81	5.65	5.63	5.68	5.72	5.78	5.84
Distillate Fuel	6.69	7.65	8.41	8.08	7.29	6.98	6.92	6.77	7.01	7.39	7.39	7.38	7.38
Liquefied Petroleum Gas	11.90	15.87	19.14	18.59	13.90	13.29	13.10	12.81	12.77	12.70	12.76	12.85	12.86
Residual Fuel	3.92	4.58	4.66	4.92	4.54	4.13	3.94	3.82	3.77	3.83	3.89	3.95	4.02
Natural Gas 4/	5.17	7.09	7.49	7.47	6.72	6.31	6.01	5.82	5.65	5.64	5.63	5.71	5.84
Metallurgical Coal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Steam Coal	2.69	2.62	2.63	2.68	2.66	2.64	2.64	2.62	2.61	2.60	2.58	2.58	2.59
Electricity	25.46	26.07	27.01	26.44	24.34	22.28	20.91	19.91	18.83	18.45	18.50	18.94	20.12
Transportation	11.40	12.57	14.22	13.87	13.19	12.64	12.39	12.10	12.05	12.04	11.95	11.92	11.94
Primary Energy	11.34	12.51	14.16	13.82	13.14	12.59	12.35	12.05	12.01	11.99	11.90	11.87	11.89
Petroleum Products 2/	11.35	12.51	14.17	13.82	13.15	12.60	12.36	12.06	12.02	12.01	11.91	11.89	11.91
Distillate Fuel 5/	10.43	11.92	13.12	12.60	12.07	11.83	11.63	11.45	11.62	11.69	11.65	11.59	11.55
Jet Fuel 6/	6.36	6.78	8.53	8.07	7.39	6.98	6.85	6.71	6.62	6.59	6.59	6.62	6.60
Motor Gasoline 7/	12.11	13.26	15.05	14.73	14.04	13.42	13.14	12.81	12.74	12.72	12.58	12.54	12.57
Residual Fuel	3.52	4.14	4.23	4.46	4.01	3.59	3.40	3.28	3.22	3.29	3.36	3.42	3.49
Liquefied Petroleum Gas 8/	13.97	16.36	20.24	20.06	17.54	16.90	16.68	16.36	16.30	16.19	16.22	16.28	16.26
Natural Gas 9/	7.71	8.98	9.95	9.93	9.32	9.03	8.81	8.69	8.60	8.64	8.67	8.79	8.95
Ethanol (E85) 10/	14.65	16.23	19.66	20.80	21.29	20.06	19.85	19.41	18.76	18.61	18.50	18.71	18.91
Electricity	25.97	28.01	29.45	28.58	26.37	24.79	24.29	24.35	24.41	24.86	25.32	25.74	26.56
Average End-Use Energy	12.86	13.97	14.94	14.72	13.69	12.97	12.65	12.44	12.37	12.43	12.49	12.63	12.91
Primary Energy	9.52	10.78	11.96	11.74	10.96	10.49	10.26	10.03	9.99	9.99	9.97	10.01	10.08
Electricity	30.20	31.05	30.94	30.41	27.99	25.90	25.05	24.87	24.69	24.98	25.42	26.05	27.40
Electric Power 11/													
Fossil Fuel Average	3.36	4.52	4.54	4.44	3.99	3.79	3.67	3.55	3.50	3.53	3.57	3.64	3.74
Petroleum Products	4.00	4.96	5.37	5.24	4.56	4.15	3.96	3.83	3.78	3.83	3.89	3.94	4.01
Distillate Fuel	5.66	6.47	7.12	6.85	6.13	5.74	5.55	5.37	5.37	5.34	5.39	5.48	5.54
Residual Fuel	3.88	4.64	5.25	5.13	4.46	4.04	3.86	3.73	3.68	3.74	3.81	3.86	3.93
Natural Gas	4.01	5.91	6.01	5.92	5.24	4.91	4.67	4.54	4.43	4.46	4.51	4.60	4.74
Steam Coal	1.82	1.84	1.85	1.82	1.86	1.83	1.83	1.66	1.67	1.67	1.63	1.63	1.64
Average Price to All Users 12/													
Petroleum Products 2/	9.57	10.54	12.09	11.81	11.03	10.54	10.33	10.07	10.07	10.07	10.01	10.03	10.04
Distillate Fuel	8.55	9.67	10.79	10.41	9.56	9.23	9.08	8.92	9.00	9.04	9.09	9.17	9.20
Jet Fuel	6.36	6.78	8.53	8.07	7.39	6.98	6.85	6.71	6.62	6.59	6.59	6.62	6.60

Table 11. Energy Prices by Sector and Source (2003 Dollars per Million Btu, Unless Otherwise Noted) New England

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Liquefied Petroleum Gas	15.06	17.63	21.12	20.46	17.74	17.15	16.96	16.68	16.65	16.58	16.64	16.73	16.73
Motor Gasoline 7/	12.10	13.26	15.04	14.72	14.03	13.40	13.13	12.80	12.73	12.70	12.57	12.52	12.56
Residual Fuel	3.88	4.60	4.93	5.01	4.49	4.07	3.88	3.76	3.71	3.76	3.83	3.88	3.95
Natural Gas	6.38	8.44	8.60	8.56	7.82	7.37	7.03	6.83	6.65	6.64	6.66	6.74	6.88
Coal	1.84	1.86	1.86	1.84	1.88	1.85	1.84	1.69	1.69	1.69	1.65	1.65	1.66
Ethanol (E85) 10/	14.65	16.23	19.66	20.80	21.29	20.06	19.85	19.41	18.76	18.61	18.50	18.71	18.91
Electricity	30.20	31.05	30.94	30.41	27.99	25.90	25.05	24.87	24.69	24.98	25.42	26.05	27.40
Non-Renewable Energy Expenditures by Sector													
(billion 2003 dollars)													
Residential	10.14	11.50	11.89	11.55	10.75	10.39	10.36	10.38	10.46	10.60	10.79	10.95	11.20
Commercial	7.14	7.75	7.53	7.55	7.07	6.72	6.62	6.66	6.73	6.91	7.12	7.40	7.90
Industrial	3.78	4.28	4.68	4.72	4.23	3.94	3.82	3.72	3.62	3.61	3.63	3.69	3.84
Transportation	11.73	13.07	15.17	15.16	14.75	14.47	14.53	14.51	14.76	15.02	15.16	15.38	15.68
Total Non-Renewable Expenditures	32.80	36.60	39.27	38.98	36.79	35.52	35.33	35.28	35.57	36.13	36.70	37.43	38.62
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	32.80	36.60	39.27	38.98	36.80	35.52	35.33	35.28	35.57	36.14	36.70	37.43	38.63

Table 11. Energy Prices by Sector and Source (2003 Dollars per Million Btu, Unless Otherwise Noted) New England

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2003-2025
Residential	15.17	15.25	15.37	15.59	15.83	15.94	16.11	16.25	16.35	16.53	16.66	0.3%
Primary Energy 1/	9.73	9.80	9.87	10.01	10.14	10.21	10.32	10.41	10.48	10.57	10.65	-0.1%
Petroleum Products 2/	9.17	9.22	9.29	9.41	9.50	9.57	9.65	9.72	9.79	9.86	9.93	-0.1%
Distillate Fuel	8.36	8.40	8.45	8.56	8.62	8.68	8.73	8.78	8.83	8.89	8.94	-0.2%
Liquefied Petroleum Gas	18.50	18.61	18.70	18.79	18.93	19.09	19.26	19.34	19.44	19.54	19.52	0.3%
Natural Gas	10.70	10.78	10.85	11.02	11.21	11.26	11.42	11.54	11.58	11.70	11.79	-0.1%
Electricity	32.51	32.47	32.47	32.71	33.08	33.08	33.22	33.28	33.23	33.41	33.44	-0.1%
Commercial	16.47	16.58	16.72	16.91	17.21	17.35	17.51	17.61	17.61	17.75	17.83	-0.1%
Primary Energy 1/	8.06	8.10	8.13	8.24	8.35	8.37	8.46	8.53	8.53	8.61	8.68	-0.3%
Petroleum Products 2/	7.22	7.25	7.30	7.37	7.43	7.44	7.51	7.56	7.57	7.62	7.72	-0.2%
Distillate Fuel	6.98	7.01	7.06	7.13	7.19	7.19	7.26	7.31	7.31	7.36	7.48	-0.1%
Residual Fuel	4.08	4.12	4.17	4.23	4.29	4.34	4.39	4.44	4.50	4.55	4.60	0.0%
Natural Gas	8.68	8.72	8.73	8.87	9.01	9.02	9.13	9.21	9.21	9.30	9.35	-0.5%
Electricity	26.20	26.29	26.45	26.62	27.02	27.20	27.33	27.36	27.25	27.36	27.33	-0.5%
Industrial 3/	8.51	8.57	8.63	8.77	8.94	9.01	9.13	9.22	9.24	9.35	9.39	-0.3%
Primary Energy	5.85	5.91	5.95	6.06	6.17	6.22	6.33	6.41	6.46	6.53	6.59	0.0%
Petroleum Products 2/	5.90	5.97	6.03	6.11	6.19	6.28	6.39	6.47	6.54	6.60	6.66	0.2%
Distillate Fuel	7.38	7.41	7.45	7.51	7.55	7.52	7.60	7.64	7.61	7.66	7.82	0.1%
Liquefied Petroleum Gas	12.99	13.09	13.18	13.28	13.42	13.57	13.74	13.82	13.92	14.03	14.00	-0.6%
Residual Fuel	4.06	4.11	4.16	4.22	4.27	4.32	4.38	4.43	4.48	4.54	4.59	0.0%
Natural Gas 4/	5.88	5.93	5.95	6.09	6.24	6.25	6.36	6.44	6.45	6.55	6.60	-0.3%
Metallurgical Coal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Steam Coal	2.59	2.59	2.58	2.58	2.57	2.56	2.56	2.56	2.56	2.56	2.55	-0.1%
Electricity	20.24	20.35	20.46	20.72	21.16	21.28	21.48	21.62	21.57	21.79	21.83	-0.8%
Transportation	11.97	12.00	12.03	12.07	12.12	12.13	12.18	12.22	12.25	12.29	12.36	-0.1%
Primary Energy	11.92	11.95	11.98	12.02	12.06	12.08	12.13	12.17	12.19	12.24	12.30	-0.1%
Petroleum Products 2/	11.93	11.97	12.00	12.04	12.08	12.09	12.15	12.18	12.21	12.25	12.32	-0.1%
Distillate Fuel 5/	11.51	11.50	11.51	11.52	11.53	11.45	11.50	11.51	11.43	11.44	11.59	-0.1%
Jet Fuel 6/	6.60	6.63	6.65	6.74	6.85	6.86	6.94	6.98	7.02	7.06	7.11	0.2%
Motor Gasoline 7/	12.62	12.66	12.69	12.73	12.78	12.81	12.86	12.90	12.95	12.99	13.04	-0.1%
Residual Fuel	3.53	3.58	3.63	3.69	3.75	3.79	3.85	3.90	3.95	4.01	4.06	-0.1%
Liquefied Petroleum Gas 8/	16.36	16.44	16.49	16.56	16.67	16.79	16.93	16.98	17.06	17.13	17.08	0.2%
Natural Gas 9/	9.01	9.08	9.12	9.27	9.42	9.43	9.54	9.62	9.63	9.72	9.77	0.4%
Ethanol (E85) 10/	18.99	19.06	19.10	19.19	18.74	18.87	19.37	19.33	19.53	19.66	19.80	0.9%
Electricity	26.38	26.29	26.27	26.45	26.76	26.74	26.83	26.83	26.74	26.88	26.88	-0.2%
Average End-Use Energy	12.97	13.03	13.10	13.21	13.36	13.42	13.53	13.61	13.64	13.74	13.81	-0.1%
Primary Energy	10.14	10.20	10.24	10.33	10.42	10.46	10.54	10.61	10.65	10.72	10.79	0.0%
Electricity	27.45	27.51	27.60	27.81	28.20	28.31	28.46	28.51	28.43	28.59	28.59	-0.4%
Electric Power 11/												
Fossil Fuel Average	3.77	3.82	3.87	3.99	4.10	4.11	4.20	4.28	4.31	4.42	4.36	-0.2%
Petroleum Products	4.05	4.10	4.15	4.21	4.26	4.31	4.36	4.42	4.47	4.52	4.58	-0.4%
Distillate Fuel	5.59	5.63	5.68	5.79	5.86	5.91	5.96	6.02	6.07	6.12	6.17	-0.2%
Residual Fuel	3.98	4.02	4.07	4.13	4.19	4.23	4.29	4.34	4.39	4.45	4.50	-0.1%
Natural Gas	4.78	4.84	4.87	5.03	5.19	5.19	5.31	5.41	5.42	5.54	5.59	-0.3%
Steam Coal	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.66	1.69	-0.4%
Average Price to All Users 12/												
Petroleum Products 2/	10.12	10.19	10.26	10.32	10.38	10.44	10.52	10.58	10.64	10.71	10.80	0.1%
Distillate Fuel	9.23	9.27	9.32	9.41	9.47	9.47	9.55	9.59	9.60	9.65	9.77	0.0%
Jet Fuel	6.60	6.63	6.65	6.74	6.85	6.86	6.94	6.98	7.02	7.06	7.11	0.2%

Table 11. Energy Prices by Sector and Source (2003 Dollars per Million Btu, Unless Otherwise Noted) New England

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2003- 2025
Liquefied Petroleum Gas	16.86	16.97	17.05	17.14	17.28	17.44	17.60	17.67	17.78	17.88	17.85	0.1%
Motor Gasoline 7/	12.61	12.65	12.68	12.72	12.77	12.80	12.85	12.89	12.94	12.98	13.03	-0.1%
Residual Fuel	4.00	4.04	4.09	4.15	4.21	4.26	4.31	4.37	4.42	4.47	4.52	-0.1%
Natural Gas	6.92	6.97	6.97	7.10	7.23	7.25	7.36	7.44	7.43	7.51	7.58	-0.5%
Coal	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.68	1.71	-0.4%
Ethanol (E85) 10/	18.99	19.06	19.10	19.19	18.74	18.87	19.37	19.33	19.53	19.66	19.80	0.9%
Electricity	27.45	27.51	27.60	27.81	28.20	28.31	28.46	28.51	28.43	28.59	28.59	-0.4%
Non-Renewable Energy Expenditures by Sector												
(billion 2003 dollars)												
Residential	11.26	11.37	11.42	11.58	11.75	11.87	11.97	12.08	12.16	12.34	12.42	0.3%
Commercial	8.06	8.21	8.39	8.59	8.85	9.03	9.23	9.41	9.55	9.77	9.96	1.2%
Industrial	3.88	3.90	3.95	4.04	4.15	4.20	4.28	4.34	4.38	4.46	4.51	0.2%
Transportation	15.96	16.23	16.52	16.82	17.12	17.37	17.68	17.99	18.30	18.65	19.06	1.7%
Total Non-Renewable Expenditures	39.16	39.71	40.28	41.04	41.87	42.47	43.16	43.82	44.39	45.22	45.94	1.0%
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	7.7%
Total Expenditures	39.16	39.71	40.29	41.04	41.87	42.47	43.16	43.82	44.40	45.23	45.95	1.0%

Table 11. Energy Prices by Sector and Source (2003 Dollars per Million Btu, Unless Otherwise Noted) New England

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

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

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

4/ Excludes use for lease and plant fuel.

5/ Diesel fuel containing 500 parts per million (ppm) or 15 ppm sulfur. Price includes Federal and State taxes while excluding county and local taxes.

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

7/ Sales weighted-average price for all grades. Includes Federal, State, and local taxes.

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

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

10/ 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 actually varies seasonally. The annual average ethanol content of 74 percent is used for this forecast.

11/ Includes electricity-only and combined heat and power plants whose primary business is to sell electricity, or electricity and heat, to the public.

12/ 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.

Note: Data for 2002 and 2003 are model results and may differ slightly from official EIA data reports.

Sources: 2002 and 2003 prices for motor gasoline, distillate, and jet fuel are based on prices in the Energy Information Administration (EIA), Petroleum Marketing Annual 2003, DOE/EIA-0487(2003) (Washington, DC, August 2004). 2002 residential and commercial natural gas delivered prices: EIA, Natural Gas Annual 2002, DOE/EIA-0131(2002) (Washington, DC, January 2004). 2003 residential and commercial natural gas delivered prices: EIA, Natural Gas Monthly, DOE/EIA-0130(2004/07) (Washington, DC, July 2004). 2002 and 2003 electric power sector natural gas prices: EIA, Electric Power Monthly, DOE/EIA-0226, May 2003 through April 2004, Table 4.11.A. 2002 and 2003 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 2002, DOE/EIA-0131(2002) (Washington, DC, January 2004) and the Natural Gas Monthly, DOE/EIA-0130(2004/07) (Washington, DC, July 2004). 2002 transportation sector natural gas delivered prices are based on: EIA, Natural Gas Annual 2002, DOE/EIA-0131(2002) (Washington, DC, January 2004) and estimated state and federal taxes. 2003 transportation sector natural gas delivered prices are model results. 2002 and 2003 coal prices based on: EIA, Quarterly Coal Report, October-December 2003, DOE/EIA-0121(2003/4Q) (Washington, DC, March 2004) and EIA, AEO2005 National Energy Modeling System run aeo2005.d102004a. 2002 and 2003 electricity prices: Annual Energy Review 2003, DOE/EIA-0384(2003) (Washington, DC, September 2004). 2002 and 2003 ethanol prices derived from weekly spot prices in the Oxy Fuel News. Projections: EIA, AEO2005 National Energy Modeling System run aeo2005.d102004a.

Table 12. Energy Prices by Sector and Source (2003 Dollars per Million Btu, Unless Otherwise Noted) Middle Atlantic

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Residential	15.05	15.67	15.73	15.58	14.41	13.64	13.37	13.40	13.40	13.51	13.87	14.10	14.39
Primary Energy 1/	9.09	10.28	11.43	11.25	10.29	9.79	9.44	9.25	9.10	9.04	9.10	9.21	9.37
Petroleum Products 2/	9.29	10.52	11.83	11.34	10.18	9.79	9.61	9.44	9.45	9.43	9.50	9.60	9.68
Distillate Fuel	8.63	9.86	10.86	10.43	9.30	8.91	8.72	8.54	8.54	8.51	8.55	8.64	8.71
Liquefied Petroleum Gas	16.33	18.30	22.07	21.45	19.97	19.36	19.17	18.88	18.84	18.77	18.83	18.92	18.93
Natural Gas	9.00	10.19	11.25	11.23	10.37	9.81	9.38	9.17	8.94	8.86	8.92	9.04	9.24
Electricity	33.79	34.02	29.70	29.12	27.10	25.40	25.27	25.99	26.47	27.14	28.43	28.93	29.51
Commercial	15.17	16.28	15.19	15.19	13.79	12.61	12.20	12.28	12.31	12.56	13.29	13.63	14.11
Primary Energy 1/	6.38	7.98	8.66	8.58	7.86	7.45	7.20	7.09	7.03	7.07	7.11	7.18	7.31
Petroleum Products 2/	6.14	7.15	7.91	7.68	6.95	6.59	6.45	6.29	6.36	6.44	6.46	6.50	6.54
Distillate Fuel	6.33	7.24	7.96	7.65	6.96	6.64	6.51	6.35	6.48	6.59	6.61	6.64	6.67
Residual Fuel	4.40	5.13	5.23	5.52	5.25	4.83	4.62	4.48	4.43	4.48	4.54	4.59	4.64
Natural Gas	6.60	8.47	9.14	9.14	8.40	7.96	7.65	7.55	7.43	7.46	7.51	7.59	7.75
Electricity	30.30	31.23	26.66	25.95	23.37	20.81	20.04	20.34	20.45	20.94	22.69	23.40	24.35
Industrial 3/	6.80	7.69	8.05	8.09	7.31	6.83	6.69	6.60	6.53	6.56	6.75	6.90	7.12
Primary Energy	4.59	5.56	6.22	6.30	5.56	5.18	5.06	4.95	4.91	4.93	4.97	5.03	5.12
Petroleum Products 2/	5.60	6.63	7.72	7.85	6.79	6.28	6.19	6.01	6.00	6.02	6.04	6.10	6.16
Distillate Fuel	6.43	7.36	8.09	7.78	7.03	6.75	6.73	6.57	6.82	7.20	7.19	7.19	7.19
Liquefied Petroleum Gas	12.05	16.07	19.37	18.81	14.35	13.74	13.55	13.26	13.23	13.15	13.21	13.31	13.31
Residual Fuel	4.20	4.89	4.98	5.26	5.05	4.63	4.41	4.28	4.23	4.28	4.33	4.39	4.44
Natural Gas 4/	4.82	6.55	6.89	6.84	6.08	5.61	5.29	5.17	5.04	5.05	5.10	5.18	5.34
Metallurgical Coal	1.87	1.84	1.95	1.89	1.87	1.84	1.84	1.83	1.80	1.78	1.76	1.76	1.76
Steam Coal	1.62	1.60	1.60	1.64	1.62	1.61	1.60	1.60	1.58	1.56	1.56	1.56	1.56
Electricity	18.01	18.49	17.17	16.86	15.95	14.94	14.63	14.60	14.30	14.35	15.26	15.80	16.54
Transportation	10.11	11.69	13.26	12.93	12.05	11.51	11.27	11.01	10.99	10.98	10.91	10.91	10.92
Primary Energy	10.07	11.64	13.23	12.89	12.01	11.47	11.24	10.97	10.95	10.94	10.87	10.86	10.88
Petroleum Products 2/	10.07	11.65	13.23	12.89	12.02	11.48	11.25	10.98	10.96	10.95	10.87	10.87	10.88
Distillate Fuel 5/	9.98	11.41	12.55	12.06	11.40	11.17	10.96	10.78	10.97	11.04	10.99	10.94	10.90
Jet Fuel 6/	6.04	6.44	8.09	7.67	7.03	6.62	6.48	6.35	6.29	6.28	6.31	6.35	6.36
Motor Gasoline 7/	11.35	13.22	14.99	14.67	13.67	13.02	12.74	12.41	12.36	12.34	12.21	12.17	12.19
Residual Fuel	3.87	4.62	4.71	4.97	4.90	4.48	4.25	4.11	4.06	4.11	4.16	4.21	4.27
Liquefied Petroleum Gas 8/	15.33	16.65	20.59	20.40	17.59	16.95	16.73	16.41	16.34	16.24	16.26	16.33	16.31
Natural Gas 9/	7.96	9.81	10.51	10.45	9.83	9.49	9.27	9.18	9.13	9.18	9.23	9.30	9.44
Ethanol (E85) 10/	14.65	16.23	19.66	19.84	19.96	18.79	18.62	18.18	17.53	17.38	17.26	17.48	17.68
Electricity	21.72	24.00	23.76	22.95	21.26	19.95	19.85	20.36	20.68	21.20	22.29	22.78	23.37
Average End-Use Energy	11.42	12.62	13.04	12.87	11.86	11.18	10.93	10.84	10.83	10.90	11.13	11.27	11.47
Primary Energy	8.16	9.55	10.73	10.58	9.74	9.27	9.05	8.86	8.82	8.83	8.83	8.89	8.97
Electricity	28.62	29.25	25.47	24.91	22.95	21.06	20.62	20.98	21.12	21.57	22.97	23.57	24.34
Electric Power 11/													
Fossil Fuel Average	2.33	2.82	3.09	3.03	2.74	2.59	2.51	2.47	2.41	2.42	2.43	2.50	2.58
Petroleum Products	4.49	5.37	5.89	5.80	5.25	4.85	4.69	4.55	4.52	4.55	4.50	4.57	4.63
Distillate Fuel	5.65	6.46	7.11	6.82	6.08	5.69	5.50	5.33	5.33	5.30	5.34	5.43	5.49
Residual Fuel	4.13	4.95	5.60	5.47	4.99	4.57	4.35	4.22	4.17	4.22	4.27	4.32	4.38
Natural Gas	4.10	6.17	6.12	5.93	5.12	4.64	4.36	4.23	4.09	4.11	4.18	4.30	4.49
Steam Coal	1.41	1.43	1.43	1.47	1.44	1.47	1.46	1.47	1.42	1.41	1.41	1.41	1.41
Average Price to All Users 12/													
Petroleum Products 2/	8.91	10.20	11.55	11.29	10.40	9.91	9.77	9.55	9.55	9.56	9.57	9.60	9.63
Distillate Fuel	8.71	9.85	10.93	10.47	9.63	9.33	9.17	9.00	9.10	9.14	9.29	9.35	9.36
Jet Fuel	6.04	6.44	8.09	7.67	7.03	6.62	6.48	6.35	6.29	6.28	6.31	6.35	6.36
Liquefied Petroleum Gas	14.36	17.29	20.77	20.14	17.35	16.77	16.61	16.34	16.33	16.27	16.35	16.46	16.47
Motor Gasoline 7/	11.35	13.22	14.99	14.67	13.66	13.01	12.73	12.40	12.35	12.33	12.20	12.16	12.19

Table 12. Energy Prices by Sector and Source (2003 Dollars per Million Btu, Unless Otherwise Noted) Middle Atlantic

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Residual Fuel	4.09	4.88	5.31	5.35	5.00	4.58	4.37	4.23	4.18	4.23	4.29	4.34	4.39
Natural Gas	6.55	8.45	8.90	8.84	8.03	7.52	7.10	6.92	6.74	6.71	6.73	6.79	6.93
Coal	1.43	1.45	1.45	1.49	1.46	1.48	1.47	1.48	1.43	1.43	1.42	1.42	1.42
Ethanol (E85) 10/	14.65	16.23	19.66	19.84	19.96	18.79	18.62	18.18	17.53	17.38	17.26	17.48	17.68
Electricity	28.62	29.25	25.47	24.91	22.95	21.06	20.62	20.98	21.12	21.57	22.97	23.57	24.34
Non-Renewable Energy Expenditures by Sector (billion 2003 dollars)													
Residential	26.07	29.09	28.10	27.78	25.91	24.89	24.76	24.99	25.18	25.54	26.36	26.73	27.27
Commercial	21.36	23.21	21.42	20.96	19.45	18.20	17.97	18.37	18.64	19.20	20.45	21.09	21.94
Industrial	10.20	11.25	11.92	12.02	10.86	10.20	10.10	10.06	9.94	10.00	10.31	10.53	10.90
Transportation	28.73	33.46	38.89	38.60	36.65	35.74	35.74	35.61	36.21	36.77	37.07	37.55	38.13
Total Non-Renewable Expenditures	86.36	97.01	100.34	99.37	92.87	89.03	88.58	89.03	89.97	91.51	94.20	95.90	98.25
Transportation Renewable Expenditures	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01
Total Expenditures	86.36	97.02	100.34	99.37	92.87	89.03	88.58	89.03	89.98	91.52	94.20	95.91	98.26

Table 12. Energy Prices by Sector and Source (2003 Dollars per Million Btu, Unless Otherwise Noted) Middle Atlantic

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2003-2025
Residential	14.59	14.67	14.79	15.04	15.31	15.46	15.62	15.71	15.77	15.94	16.07	0.1%
Primary Energy 1/	9.49	9.53	9.60	9.76	9.93	10.03	10.15	10.23	10.27	10.36	10.45	0.1%
Petroleum Products 2/	9.76	9.83	9.90	10.04	10.13	10.22	10.31	10.39	10.47	10.56	10.63	0.0%
Distillate Fuel	8.76	8.80	8.85	8.96	9.02	9.08	9.13	9.18	9.24	9.29	9.34	-0.2%
Liquefied Petroleum Gas	19.06	19.17	19.25	19.35	19.49	19.64	19.81	19.89	20.00	20.10	20.07	0.4%
Natural Gas	9.38	9.40	9.48	9.65	9.85	9.95	10.09	10.17	10.20	10.29	10.39	0.1%
Electricity	29.80	29.90	30.00	30.37	30.78	30.92	31.04	31.00	30.96	31.18	31.29	-0.4%
Commercial	14.47	14.62	14.79	15.12	15.48	15.64	15.83	15.92	15.95	16.17	16.31	0.0%
Primary Energy 1/	7.39	7.40	7.44	7.56	7.69	7.76	7.84	7.89	7.90	7.96	8.03	0.0%
Petroleum Products 2/	6.57	6.61	6.66	6.73	6.79	6.81	6.88	6.93	6.95	7.00	7.10	0.0%
Distillate Fuel	6.69	6.73	6.77	6.85	6.90	6.91	6.98	7.02	7.02	7.08	7.19	0.0%
Residual Fuel	4.70	4.75	4.80	4.87	4.93	4.99	5.04	5.10	5.15	5.21	5.26	0.1%
Natural Gas	7.85	7.85	7.89	8.03	8.19	8.27	8.36	8.42	8.41	8.48	8.54	0.0%
Electricity	25.06	25.36	25.62	26.15	26.74	26.95	27.20	27.23	27.20	27.53	27.68	-0.5%
Industrial 3/	7.28	7.36	7.46	7.64	7.84	7.96	8.09	8.16	8.20	8.29	8.36	0.4%
Primary Energy	5.20	5.24	5.29	5.40	5.52	5.60	5.72	5.79	5.84	5.89	5.95	0.3%
Petroleum Products 2/	6.24	6.31	6.37	6.47	6.58	6.68	6.83	6.92	7.00	7.04	7.08	0.3%
Distillate Fuel	7.19	7.22	7.26	7.31	7.36	7.33	7.41	7.45	7.47	7.47	7.63	0.2%
Liquefied Petroleum Gas	13.44	13.55	13.63	13.73	13.87	14.02	14.19	14.27	14.38	14.48	14.45	-0.5%
Residual Fuel	4.49	4.55	4.60	4.66	4.73	4.79	4.84	4.89	4.95	5.00	5.06	0.2%
Natural Gas 4/	5.44	5.44	5.49	5.63	5.79	5.86	5.96	6.01	6.01	6.08	6.15	-0.3%
Metallurgical Coal	1.75	1.75	1.74	1.74	1.74	1.74	1.73	1.71	1.70	1.69	1.68	-0.4%
Steam Coal	1.56	1.56	1.55	1.55	1.55	1.55	1.56	1.57	1.59	1.60	1.61	0.0%
Electricity	17.05	17.33	17.58	18.06	18.60	18.86	19.05	19.09	19.07	19.30	19.42	0.2%
Transportation	10.95	10.99	11.02	11.07	11.12	11.14	11.20	11.24	11.27	11.32	11.40	-0.1%
Primary Energy	10.91	10.94	10.97	11.02	11.07	11.09	11.15	11.19	11.22	11.27	11.35	-0.1%
Petroleum Products 2/	10.91	10.94	10.97	11.02	11.08	11.09	11.15	11.20	11.22	11.27	11.35	-0.1%
Distillate Fuel 5/	10.86	10.85	10.86	10.87	10.87	10.80	10.85	10.85	10.77	10.79	10.94	-0.2%
Jet Fuel 6/	6.37	6.42	6.45	6.56	6.68	6.70	6.79	6.83	6.88	6.93	6.98	0.4%
Motor Gasoline 7/	12.24	12.28	12.31	12.35	12.41	12.45	12.50	12.54	12.59	12.63	12.68	-0.2%
Residual Fuel	4.32	4.38	4.43	4.50	4.57	4.63	4.68	4.74	4.79	4.85	4.91	0.3%
Liquefied Petroleum Gas 8/	16.40	16.48	16.54	16.60	16.71	16.84	16.98	17.03	17.10	17.18	17.12	0.1%
Natural Gas 9/	9.53	9.56	9.61	9.71	9.82	9.87	9.94	9.98	9.99	10.04	10.08	0.1%
Ethanol (E85) 10/	17.75	17.82	17.87	17.95	17.50	17.64	18.14	18.09	18.30	18.43	18.57	0.6%
Electricity	23.64	23.73	23.83	24.16	24.54	24.66	24.72	24.64	24.59	24.78	24.83	0.2%
Average End-Use Energy	11.62	11.70	11.79	11.95	12.13	12.23	12.34	12.41	12.44	12.56	12.65	0.0%
Primary Energy	9.04	9.09	9.14	9.24	9.34	9.40	9.49	9.55	9.59	9.65	9.73	0.1%
Electricity	24.87	25.12	25.33	25.79	26.31	26.51	26.71	26.73	26.71	26.99	27.12	-0.3%
Electric Power 11/												
Fossil Fuel Average	2.65	2.68	2.73	2.83	2.89	2.96	2.97	2.95	2.93	2.94	2.94	0.2%
Petroleum Products	4.68	4.73	4.79	4.83	4.90	4.95	5.01	5.07	5.13	5.18	5.24	-0.1%
Distillate Fuel	5.54	5.59	5.64	5.74	5.81	5.86	5.92	5.97	6.02	6.07	6.13	-0.2%
Residual Fuel	4.43	4.48	4.54	4.60	4.67	4.72	4.78	4.83	4.89	4.94	5.00	0.0%
Natural Gas	4.61	4.62	4.69	4.85	5.01	5.11	5.20	5.25	5.24	5.32	5.39	-0.6%
Steam Coal	1.41	1.41	1.41	1.41	1.41	1.41	1.42	1.43	1.44	1.45	1.46	0.1%
Average Price to All Users 12/												
Petroleum Products 2/	9.69	9.74	9.79	9.82	9.88	9.92	10.00	10.06	10.11	10.17	10.25	0.0%
Distillate Fuel	9.37	9.39	9.43	9.49	9.52	9.51	9.57	9.60	9.57	9.61	9.74	-0.1%
Jet Fuel	6.37	6.42	6.45	6.56	6.68	6.70	6.79	6.83	6.88	6.93	6.98	0.4%
Liquefied Petroleum Gas	16.61	16.74	16.83	16.94	17.08	17.24	17.42	17.49	17.61	17.71	17.69	0.1%
Motor Gasoline 7/	12.23	12.27	12.30	12.35	12.40	12.44	12.49	12.53	12.58	12.62	12.67	-0.2%

Table 12. Energy Prices by Sector and Source (2003 Dollars per Million Btu, Unless Otherwise Noted) Middle Atlantic

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2003- 2025
Residual Fuel	4.45	4.50	4.55	4.62	4.69	4.74	4.80	4.85	4.91	4.96	5.02	0.1%
Natural Gas	7.01	7.00	7.03	7.17	7.34	7.39	7.49	7.56	7.57	7.64	7.72	-0.4%
Coal	1.42	1.42	1.42	1.42	1.42	1.42	1.43	1.44	1.45	1.46	1.47	0.1%
Ethanol (E85) 10/	17.75	17.82	17.87	17.95	17.50	17.64	18.14	18.09	18.30	18.43	18.57	0.6%
Electricity	24.87	25.12	25.33	25.79	26.31	26.51	26.71	26.73	26.71	26.99	27.12	-0.3%
Non-Renewable Energy Expenditures by Sector (billion 2003 dollars)												
Residential	27.65	27.92	28.11	28.58	29.08	29.45	29.69	29.91	30.11	30.56	30.81	0.3%
Commercial	22.65	23.07	23.54	24.25	24.99	25.44	25.96	26.35	26.66	27.29	27.81	0.8%
Industrial	11.14	11.23	11.42	11.75	12.11	12.33	12.54	12.69	12.81	13.00	13.16	0.7%
Transportation	38.72	39.26	39.84	40.48	41.13	41.61	42.24	42.83	43.41	44.11	44.93	1.3%
Total Non-Renewable Expenditures	100.16	101.48	102.91	105.06	107.31	108.82	110.44	111.78	112.99	114.97	116.71	0.8%
Transportation Renewable Expenditures	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	7.0%
Total Expenditures	100.16	101.49	102.92	105.07	107.32	108.83	110.45	111.79	113.00	114.98	116.72	0.8%

Table 12. Energy Prices by Sector and Source (2003 Dollars per Million Btu, Unless Otherwise Noted) Middle Atlantic

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

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

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

4/ Excludes use for lease and plant fuel.

5/ Diesel fuel containing 500 parts per million (ppm) or 15 ppm sulfur. Price includes Federal and State taxes while excluding county and local taxes.

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

7/ Sales weighted-average price for all grades. Includes Federal, State, and local taxes.

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

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

10/ 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 actually varies seasonally. The annual average ethanol content of 74 percent is used for this forecast.

11/ Includes electricity-only and combined heat and power plants whose primary business is to sell electricity, or electricity and heat, to the public.

12/ 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.

Note: Data for 2002 and 2003 are model results and may differ slightly from official EIA data reports.

Sources: 2002 and 2003 prices for motor gasoline, distillate, and jet fuel are based on prices in the Energy Information Administration (EIA), Petroleum Marketing Annual 2003, DOE/EIA-0487(2003) (Washington, DC, August 2004). 2002 residential and commercial natural gas delivered prices: EIA, Natural Gas Annual 2002, DOE/EIA-0131(2002) (Washington, DC, January 2004). 2003 residential and commercial natural gas delivered prices: EIA, Natural Gas Monthly, DOE/EIA-0130(2004/07) (Washington, DC, July 2004). 2002 and 2003 electric power sector natural gas prices: EIA, Electric Power Monthly, DOE/EIA-0226, May 2003 through April 2004, Table 4.11.A. 2002 and 2003 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 2002, DOE/EIA-0131(2002) (Washington, DC, January 2004) and the Natural Gas Monthly, DOE/EIA-0130(2004/07) (Washington, DC, July 2004). 2002 transportation sector natural gas delivered prices are based on: EIA, Natural Gas Annual 2002, DOE/EIA-0131(2002) (Washington, DC, January 2004) and estimated state and federal taxes. 2003 transportation sector natural gas delivered prices are model results. 2002 and 2003 coal prices based on: EIA, Quarterly Coal Report, October-December 2003, DOE/EIA-0121(2003/4Q) (Washington, DC, March 2004) and EIA, AEO2005 National Energy Modeling System run aeo2005.d102004a. 2002 and 2003 electricity prices: Annual Energy Review 2003, DOE/EIA-0384(2003) (Washington, DC, September 2004). 2002 and 2003 ethanol prices derived from weekly spot prices in the Oxy Fuel News. Projections: EIA, AEO2005 National Energy Modeling System run aeo2005.d102004a.

Table 13. Energy Prices by Sector and Source (2003 Dollars per Million Btu, Unless Otherwise Noted) East North Central

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Residential	11.91	12.73	13.17	13.29	12.76	12.10	11.66	11.50	11.36	11.38	11.53	11.74	12.00
Primary Energy 1/	7.27	8.70	9.74	9.79	8.97	8.39	7.92	7.67	7.45	7.36	7.44	7.56	7.72
Petroleum Products 2/	10.73	12.04	14.31	13.78	12.39	11.82	11.69	11.44	11.38	11.33	11.40	11.50	11.55
Distillate Fuel	7.75	8.86	9.75	9.37	8.57	8.15	8.05	7.81	7.63	7.58	7.62	7.66	7.72
Liquefied Petroleum Gas	12.05	13.51	16.28	15.81	14.13	13.46	13.28	12.99	12.96	12.89	12.94	13.03	13.04
Natural Gas	6.81	8.29	9.15	9.30	8.54	7.96	7.45	7.20	6.96	6.87	6.95	7.07	7.25
Electricity	24.06	23.86	22.13	21.97	22.08	21.21	20.86	20.91	20.99	21.29	21.58	21.94	22.34
Commercial	13.00	13.22	13.36	13.58	12.87	12.20	11.81	11.72	11.68	11.85	12.12	12.47	12.88
Primary Energy 1/	6.57	7.66	8.08	8.13	7.52	7.08	6.73	6.60	6.50	6.53	6.60	6.69	6.83
Petroleum Products 2/	7.85	8.67	9.54	9.23	8.67	8.15	7.97	7.67	7.63	7.68	7.66	7.66	7.65
Distillate Fuel	5.91	6.75	7.43	7.14	6.66	6.30	6.24	6.04	6.04	6.16	6.18	6.19	6.21
Residual Fuel	3.75	4.37	4.45	4.69	4.33	3.92	3.73	3.60	3.55	3.61	3.66	3.72	3.77
Natural Gas	6.55	7.70	8.08	8.17	7.53	7.07	6.69	6.57	6.45	6.48	6.56	6.67	6.83
Electricity	21.51	20.92	20.47	20.60	19.70	18.74	18.28	18.22	18.23	18.52	18.99	19.59	20.27
Industrial 3/	6.22	7.10	7.80	7.88	7.21	6.82	6.64	6.53	6.46	6.47	6.57	6.72	6.92
Primary Energy	4.51	5.60	6.25	6.36	5.65	5.28	5.10	4.96	4.90	4.92	4.97	5.03	5.13
Petroleum Products 2/	6.25	7.35	8.63	8.74	7.40	6.95	6.86	6.61	6.59	6.62	6.64	6.68	6.73
Distillate Fuel	6.47	7.40	8.14	7.82	7.20	6.84	6.88	6.68	6.82	7.23	7.23	7.22	7.22
Liquefied Petroleum Gas	11.90	15.87	19.14	18.59	14.28	13.60	13.42	13.14	13.11	13.03	13.09	13.18	13.18
Residual Fuel	3.85	4.49	4.58	4.82	4.43	4.02	3.83	3.70	3.65	3.71	3.76	3.82	3.87
Natural Gas 4/	4.34	6.11	6.49	6.60	5.94	5.46	5.06	4.92	4.78	4.80	4.87	4.98	5.14
Metallurgical Coal	1.96	1.93	2.05	1.99	1.97	1.94	1.93	1.93	1.90	1.87	1.85	1.85	1.84
Steam Coal	1.65	1.62	1.65	1.69	1.68	1.66	1.66	1.65	1.65	1.65	1.65	1.64	1.64
Electricity	13.68	13.58	14.35	14.16	13.72	13.14	12.90	12.85	12.71	12.66	12.93	13.35	13.90
Transportation	10.49	11.55	13.05	12.71	12.40	11.78	11.55	11.26	11.27	11.25	11.17	11.17	11.17
Primary Energy	10.47	11.53	13.03	12.70	12.38	11.76	11.53	11.24	11.25	11.23	11.15	11.15	11.15
Petroleum Products 2/	10.47	11.53	13.03	12.70	12.39	11.76	11.54	11.24	11.25	11.24	11.16	11.16	11.15
Distillate Fuel 5/	9.60	10.98	12.08	11.60	11.17	10.94	10.77	10.59	10.74	10.82	10.78	10.72	10.68
Jet Fuel 6/	5.89	6.28	7.91	7.49	6.74	6.26	6.35	6.13	5.92	5.87	5.88	5.92	5.91
Motor Gasoline 7/	11.37	12.41	14.06	13.77	13.60	12.84	12.54	12.20	12.23	12.21	12.08	12.05	12.06
Residual Fuel	3.92	4.58	4.66	4.92	4.78	4.35	4.16	4.03	3.98	4.04	4.09	4.15	4.20
Liquefied Petroleum Gas 8/	17.03	18.81	23.27	23.05	18.13	17.43	17.22	16.91	16.85	16.74	16.76	16.82	16.80
Natural Gas 9/	8.09	9.90	10.42	10.51	9.95	9.56	9.22	9.13	9.02	9.06	9.15	9.27	9.45
Ethanol (E85) 10/	14.65	16.23	19.66	18.83	19.12	17.92	17.75	17.31	16.66	16.51	16.40	16.61	16.81
Electricity	17.36	18.74	18.70	18.12	17.28	16.59	16.35	16.45	16.57	16.80	17.06	17.40	17.79
Average End-Use Energy	9.68	10.57	11.38	11.35	10.82	10.28	10.02	9.85	9.81	9.84	9.93	10.07	10.24
Primary Energy	7.60	8.77	9.84	9.76	9.20	8.70	8.45	8.24	8.19	8.19	8.20	8.26	8.34
Electricity	19.52	19.24	18.76	18.70	18.31	17.53	17.19	17.16	17.16	17.33	17.69	18.15	18.70
Electric Power 11/													
Fossil Fuel Average	1.38	1.42	1.60	1.60	1.54	1.48	1.45	1.44	1.43	1.45	1.45	1.48	1.51
Petroleum Products	5.62	6.39	7.00	6.74	6.17	5.76	5.65	5.42	5.24	5.20	5.23	5.29	5.34
Distillate Fuel	5.68	6.49	7.14	6.86	6.26	5.83	5.73	5.50	5.31	5.26	5.31	5.34	5.40
Residual Fuel	4.24	5.09	5.75	5.62	4.94	4.52	4.34	4.20	4.16	4.21	4.27	4.32	4.37
Natural Gas	3.56	4.95	5.81	5.80	5.10	4.59	4.18	4.04	3.90	3.93	4.03	4.16	4.36
Steam Coal	1.20	1.23	1.22	1.23	1.23	1.22	1.21	1.20	1.19	1.18	1.18	1.18	1.18
Average Price to All Users 12/													
Petroleum Products 2/	9.56	10.63	12.09	11.85	11.26	10.70	10.51	10.24	10.24	10.25	10.20	10.22	10.23
Distillate Fuel	8.81	10.04	11.06	10.63	10.10	9.81	9.71	9.52	9.58	9.66	9.69	9.74	9.71
Jet Fuel	5.89	6.28	7.91	7.49	6.74	6.26	6.35	6.13	5.92	5.87	5.88	5.92	5.91

Table 13. Energy Prices by Sector and Source (2003 Dollars per Million Btu, Unless Otherwise Noted) East North Central

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Liquefied Petroleum Gas	12.02	14.38	17.26	16.85	14.24	13.57	13.39	13.11	13.09	13.02	13.07	13.17	13.18
Motor Gasoline 7/	11.37	12.41	14.06	13.77	13.59	12.83	12.53	12.19	12.22	12.20	12.07	12.04	12.05
Residual Fuel	3.87	4.56	4.80	4.99	4.49	4.08	3.89	3.76	3.71	3.77	3.83	3.87	3.93
Natural Gas	5.66	7.28	7.75	7.85	7.16	6.65	6.20	6.01	5.83	5.79	5.87	5.97	6.13
Coal	1.23	1.26	1.25	1.26	1.26	1.25	1.24	1.22	1.22	1.21	1.21	1.21	1.21
Ethanol (E85) 10/	14.65	16.23	19.66	18.83	19.12	17.92	17.75	17.31	16.66	16.51	16.40	16.61	16.81
Electricity	19.52	19.24	18.76	18.70	18.31	17.53	17.19	17.16	17.16	17.33	17.69	18.15	18.70
Non-Renewable Energy Expenditures by Sector													
(billion 2003 dollars)													
Residential	27.14	29.79	29.78	30.35	29.34	28.29	27.81	27.81	27.85	28.21	28.86	29.45	30.20
Commercial	18.89	19.25	19.35	19.95	19.30	18.78	18.66	18.93	19.23	19.82	20.57	21.44	22.42
Industrial	21.43	23.85	26.81	27.28	24.76	23.46	23.05	22.90	22.70	22.81	23.23	23.77	24.62
Transportation	39.55	44.01	51.13	50.67	50.06	48.37	48.32	47.96	48.73	49.33	49.59	50.14	50.74
Total Non-Renewable Expenditures	107.01	116.91	127.06	128.25	123.46	118.91	117.85	117.59	118.51	120.16	122.25	124.79	127.98
Transportation Renewable Expenditures	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01
Total Expenditures	107.01	116.91	127.06	128.26	123.47	118.91	117.85	117.59	118.52	120.17	122.25	124.80	127.98

Table 13. Energy Prices by Sector and Source (2003 Dollars per Million Btu, Unless Otherwise Noted) East North Central

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2003-2025
Residential	12.16	12.19	12.29	12.47	12.72	12.88	13.05	13.11	13.18	13.27	13.39	0.2%
Primary Energy 1/	7.86	7.86	7.90	8.04	8.22	8.36	8.49	8.55	8.58	8.65	8.72	0.0%
Petroleum Products 2/	11.68	11.80	11.91	12.05	12.22	12.40	12.60	12.73	12.86	12.98	12.98	0.3%
Distillate Fuel	7.75	7.83	7.87	8.02	8.16	8.27	8.42	8.55	8.62	8.63	8.56	-0.2%
Liquefied Petroleum Gas	13.16	13.27	13.35	13.44	13.58	13.73	13.90	13.97	14.08	14.17	14.15	0.2%
Natural Gas	7.39	7.37	7.40	7.53	7.71	7.85	7.97	8.03	8.04	8.11	8.19	-0.1%
Electricity	22.44	22.41	22.55	22.75	23.01	23.09	23.22	23.14	23.19	23.21	23.33	-0.1%
Commercial	13.11	13.19	13.36	13.59	13.87	14.06	14.26	14.30	14.39	14.44	14.57	0.4%
Primary Energy 1/	6.94	6.92	6.94	7.05	7.20	7.31	7.42	7.46	7.46	7.52	7.57	-0.1%
Petroleum Products 2/	7.65	7.68	7.70	7.77	7.84	7.87	7.97	8.03	8.04	8.05	8.08	-0.3%
Distillate Fuel	6.22	6.27	6.32	6.41	6.51	6.54	6.66	6.74	6.75	6.78	6.84	0.1%
Residual Fuel	3.83	3.88	3.93	3.99	4.04	4.10	4.16	4.21	4.27	4.32	4.38	0.0%
Natural Gas	6.95	6.93	6.95	7.06	7.22	7.35	7.45	7.49	7.49	7.55	7.61	-0.1%
Electricity	20.58	20.70	21.00	21.31	21.69	21.88	22.13	22.09	22.22	22.22	22.37	0.3%
Industrial 3/	7.06	7.11	7.19	7.34	7.52	7.64	7.78	7.83	7.88	7.92	7.98	0.5%
Primary Energy	5.21	5.23	5.27	5.37	5.49	5.59	5.70	5.76	5.80	5.84	5.89	0.2%
Petroleum Products 2/	6.77	6.83	6.86	6.94	7.04	7.13	7.27	7.36	7.41	7.42	7.43	0.0%
Distillate Fuel	7.22	7.25	7.29	7.35	7.41	7.38	7.48	7.53	7.50	7.54	7.69	0.2%
Liquefied Petroleum Gas	13.31	13.41	13.49	13.59	13.72	13.88	14.05	14.12	14.22	14.32	14.29	-0.5%
Residual Fuel	3.93	3.98	4.04	4.09	4.15	4.20	4.26	4.31	4.37	4.43	4.48	0.0%
Natural Gas 4/	5.27	5.24	5.26	5.38	5.54	5.66	5.76	5.80	5.81	5.87	5.93	-0.1%
Metallurgical Coal	1.84	1.83	1.82	1.82	1.83	1.82	1.81	1.79	1.77	1.76	1.75	-0.4%
Steam Coal	1.65	1.65	1.65	1.65	1.66	1.66	1.67	1.67	1.71	1.71	1.72	0.3%
Electricity	14.20	14.35	14.62	14.91	15.28	15.47	15.66	15.66	15.73	15.78	15.90	0.7%
Transportation	11.20	11.23	11.27	11.32	11.37	11.40	11.46	11.51	11.53	11.57	11.64	0.0%
Primary Energy	11.18	11.21	11.25	11.30	11.35	11.37	11.44	11.48	11.51	11.55	11.62	0.0%
Petroleum Products 2/	11.18	11.22	11.26	11.30	11.35	11.38	11.44	11.49	11.51	11.55	11.62	0.0%
Distillate Fuel 5/	10.64	10.63	10.64	10.65	10.66	10.58	10.63	10.63	10.55	10.57	10.72	-0.1%
Jet Fuel 6/	5.91	5.95	5.97	6.07	6.18	6.27	6.40	6.50	6.58	6.57	6.50	0.2%
Motor Gasoline 7/	12.12	12.16	12.22	12.27	12.32	12.37	12.43	12.48	12.53	12.57	12.63	0.1%
Residual Fuel	4.26	4.31	4.37	4.42	4.48	4.54	4.60	4.65	4.71	4.77	4.83	0.2%
Liquefied Petroleum Gas 8/	16.89	16.97	17.02	17.09	17.19	17.32	17.45	17.50	17.57	17.64	17.59	-0.3%
Natural Gas 9/	9.57	9.54	9.55	9.66	9.80	9.89	9.97	9.99	9.96	10.00	10.03	0.1%
Ethanol (E85) 10/	16.89	16.96	17.00	17.09	16.64	16.77	17.28	17.23	17.43	17.57	17.71	0.4%
Electricity	17.92	17.91	18.04	18.22	18.46	18.57	18.66	18.56	18.60	18.60	18.70	0.0%
Average End-Use Energy	10.37	10.42	10.50	10.63	10.79	10.90	11.03	11.08	11.14	11.20	11.28	0.3%
Primary Energy	8.42	8.45	8.49	8.58	8.68	8.76	8.86	8.91	8.94	9.00	9.06	0.1%
Electricity	18.95	19.05	19.29	19.56	19.90	20.06	20.27	20.24	20.33	20.37	20.52	0.3%
Electric Power 11/												
Fossil Fuel Average	1.54	1.55	1.59	1.63	1.68	1.70	1.73	1.75	1.78	1.82	1.85	1.2%
Petroleum Products	5.38	5.45	5.49	5.64	5.68	5.78	5.92	6.04	6.10	6.12	6.08	-0.2%
Distillate Fuel	5.44	5.51	5.55	5.70	5.85	5.95	6.10	6.23	6.30	6.31	6.25	-0.2%
Residual Fuel	4.43	4.48	4.54	4.59	4.65	4.71	4.76	4.82	4.87	4.93	4.99	-0.1%
Natural Gas	4.50	4.50	4.55	4.69	4.88	5.00	5.11	5.16	5.18	5.26	5.34	0.3%
Steam Coal	1.18	1.18	1.17	1.18	1.18	1.18	1.18	1.18	1.19	1.19	1.19	-0.1%
Average Price to All Users 12/												
Petroleum Products 2/	10.27	10.32	10.36	10.41	10.47	10.51	10.60	10.66	10.69	10.73	10.78	0.1%
Distillate Fuel	9.69	9.69	9.71	9.74	9.77	9.72	9.78	9.81	9.75	9.77	9.90	-0.1%
Jet Fuel	5.91	5.95	5.97	6.07	6.18	6.27	6.40	6.50	6.58	6.57	6.50	0.2%

Table 13. Energy Prices by Sector and Source (2003 Dollars per Million Btu, Unless Otherwise Noted) East North Central

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2003- 2025
Liquefied Petroleum Gas	13.30	13.41	13.49	13.59	13.72	13.88	14.04	14.12	14.22	14.32	14.29	0.0%
Motor Gasoline 7/	12.11	12.15	12.21	12.26	12.31	12.36	12.42	12.47	12.52	12.56	12.62	0.1%
Residual Fuel	3.98	4.04	4.09	4.14	4.25	4.30	4.36	4.42	4.47	4.53	4.59	0.0%
Natural Gas	6.24	6.21	6.21	6.32	6.47	6.59	6.69	6.73	6.72	6.77	6.82	-0.3%
Coal	1.21	1.21	1.20	1.21	1.21	1.21	1.21	1.21	1.22	1.22	1.23	-0.1%
Ethanol (E85) 10/	16.89	16.96	17.00	17.09	16.64	16.77	17.28	17.23	17.43	17.57	17.71	0.4%
Electricity	18.95	19.05	19.29	19.56	19.90	20.06	20.27	20.24	20.33	20.37	20.52	0.3%
Non-Renewable Energy Expenditures by Sector												
(billion 2003 dollars)												
Residential	30.67	30.88	31.15	31.68	32.31	32.81	33.17	33.38	33.65	34.05	34.36	0.7%
Commercial	23.12	23.60	24.29	25.05	25.91	26.61	27.37	27.87	28.49	29.07	29.80	2.0%
Industrial	25.12	25.26	25.74	26.47	27.30	27.88	28.46	28.77	29.10	29.41	29.75	1.0%
Transportation	51.40	52.00	52.71	53.43	54.11	54.66	55.37	56.05	56.69	57.45	58.37	1.3%
Total Non-Renewable Expenditures	130.31	131.74	133.89	136.62	139.63	141.96	144.38	146.07	147.93	149.99	152.29	1.2%
Transportation Renewable Expenditures	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	6.5%
Total Expenditures	130.31	131.75	133.90	136.63	139.64	141.97	144.39	146.08	147.94	150.00	152.30	1.2%

Table 13. Energy Prices by Sector and Source (2003 Dollars per Million Btu, Unless Otherwise Noted) East North Central

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

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

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

4/ Excludes use for lease and plant fuel.

5/ Diesel fuel containing 500 parts per million (ppm) or 15 ppm sulfur. Price includes Federal and State taxes while excluding county and local taxes.

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

7/ Sales weighted-average price for all grades. Includes Federal, State, and local taxes.

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

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

10/ 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 actually varies seasonally. The annual average ethanol content of 74 percent is used for this forecast.

11/ Includes electricity-only and combined heat and power plants whose primary business is to sell electricity, or electricity and heat, to the public.

12/ 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.

Note: Data for 2002 and 2003 are model results and may differ slightly from official EIA data reports.

Sources: 2002 and 2003 prices for motor gasoline, distillate, and jet fuel are based on prices in the Energy Information Administration (EIA), Petroleum Marketing Annual 2003, DOE/EIA-0487(2003) (Washington, DC, August 2004). 2002 residential and commercial natural gas delivered prices: EIA, Natural Gas Annual 2002, DOE/EIA-0131(2002) (Washington, DC, January 2004). 2003 residential and commercial natural gas delivered prices: EIA, Natural Gas Monthly, DOE/EIA-0130(2004/07) (Washington, DC, July 2004). 2002 and 2003 electric power sector natural gas prices: EIA, Electric Power Monthly, DOE/EIA-0226, May 2003 through April 2004, Table 4.11.A. 2002 and 2003 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 2002, DOE/EIA-0131(2002) (Washington, DC, January 2004) and the Natural Gas Monthly, DOE/EIA-0130(2004/07) (Washington, DC, July 2004). 2002 transportation sector natural gas delivered prices are based on: EIA, Natural Gas Annual 2002, DOE/EIA-0131(2002) (Washington, DC, January 2004) and estimated state and federal taxes. 2003 transportation sector natural gas delivered prices are model results. 2002 and 2003 coal prices based on: EIA, Quarterly Coal Report, October-December 2003, DOE/EIA-0121(2003/4Q) (Washington, DC, March 2004) and EIA, AEO2005 National Energy Modeling System run aeo2005.d102004a. 2002 and 2003 electricity prices: Annual Energy Review 2003, DOE/EIA-0384(2003) (Washington, DC, September 2004). 2002 and 2003 ethanol prices derived from weekly spot prices in the Oxy Fuel News. Projections: EIA, AEO2005 National Energy Modeling System run aeo2005.d102004a.

Table 14. Energy Prices by Sector and Source (2003 Dollars per Million Btu, Unless Otherwise Noted) West North Central

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Residential	12.50	13.39	13.99	14.25	13.62	13.09	12.81	12.68	12.59	12.43	12.44	12.59	12.75
Primary Energy 1/	7.54	9.02	9.81	9.85	9.09	8.57	8.14	7.85	7.64	7.54	7.61	7.73	7.88
Petroleum Products 2/	9.48	10.65	12.72	12.30	11.08	10.46	10.29	10.02	9.97	9.90	9.96	10.05	10.06
Distillate Fuel	7.40	8.46	9.31	8.95	8.08	7.66	7.56	7.32	7.13	7.09	7.13	7.17	7.22
Liquefied Petroleum Gas	9.92	11.12	13.41	13.02	11.73	11.06	10.87	10.59	10.56	10.49	10.54	10.63	10.64
Natural Gas	6.98	8.59	9.01	9.24	8.60	8.10	7.60	7.31	7.06	6.95	7.01	7.15	7.32
Electricity	21.99	21.74	22.03	22.25	21.77	21.18	21.15	21.30	21.37	21.05	20.86	20.91	20.96
Commercial	11.35	12.06	12.58	12.82	12.40	11.98	11.82	11.81	11.82	11.75	11.78	11.96	12.16
Primary Energy 1/	5.99	7.54	7.84	7.99	7.49	7.11	6.79	6.61	6.50	6.51	6.56	6.65	6.78
Petroleum Products 2/	7.60	8.53	9.42	9.16	8.59	8.07	7.89	7.60	7.56	7.61	7.60	7.61	7.62
Distillate Fuel	5.85	6.69	7.36	7.07	6.53	6.18	6.13	5.93	5.94	6.05	6.07	6.08	6.10
Residual Fuel	3.62	4.21	4.30	4.53	4.32	3.90	3.72	3.58	3.54	3.59	3.65	3.70	3.75
Natural Gas	5.89	7.64	7.84	8.08	7.56	7.17	6.80	6.63	6.49	6.50	6.56	6.67	6.83
Electricity	17.95	17.64	18.40	18.40	18.01	17.51	17.50	17.65	17.75	17.51	17.45	17.62	17.81
Industrial 3/	6.08	7.06	7.83	7.78	7.12	6.77	6.64	6.51	6.47	6.44	6.46	6.52	6.61
Primary Energy	4.70	5.86	6.65	6.65	5.91	5.54	5.36	5.17	5.10	5.14	5.15	5.20	5.28
Petroleum Products 2/	6.64	8.06	9.42	9.28	8.00	7.51	7.44	7.18	7.18	7.27	7.27	7.30	7.33
Distillate Fuel	6.40	7.31	8.05	7.73	7.03	6.70	6.78	6.58	6.72	7.13	7.13	7.12	7.12
Liquefied Petroleum Gas	9.18	12.25	14.77	14.34	10.86	10.19	10.01	9.72	9.69	9.62	9.67	9.76	9.77
Residual Fuel	3.62	4.21	4.30	4.53	4.35	3.93	3.75	3.61	3.57	3.62	3.67	3.73	3.78
Natural Gas 4/	3.88	5.44	5.95	6.19	5.63	5.22	4.83	4.62	4.46	4.44	4.49	4.60	4.76
Metallurgical Coal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Steam Coal	1.07	1.06	1.07	1.10	1.09	1.08	1.08	1.08	1.08	1.08	1.07	1.07	1.06
Electricity	12.62	12.75	13.33	12.92	12.71	12.41	12.43	12.54	12.58	12.29	12.24	12.36	12.48
Transportation	10.26	12.16	13.71	13.35	12.21	11.60	11.38	11.09	11.11	11.09	11.02	11.02	11.02
Primary Energy	10.25	12.15	13.71	13.34	12.20	11.59	11.37	11.07	11.09	11.08	11.01	11.01	11.00
Petroleum Products 2/	10.25	12.15	13.71	13.35	12.20	11.59	11.37	11.08	11.10	11.09	11.02	11.02	11.01
Distillate Fuel 5/	9.44	10.79	11.87	11.41	11.02	10.77	10.61	10.42	10.58	10.66	10.62	10.56	10.52
Jet Fuel 6/	6.23	6.65	8.36	7.91	7.00	6.53	6.62	6.40	6.16	6.09	6.09	6.11	6.09
Motor Gasoline 7/	11.08	13.37	15.15	14.83	13.39	12.62	12.32	11.99	12.01	11.99	11.87	11.84	11.85
Residual Fuel	3.07	3.79	3.87	4.08	3.66	3.24	3.05	2.91	2.86	2.92	2.97	3.03	3.08
Liquefied Petroleum Gas 8/	13.94	16.32	20.19	20.00	14.83	14.13	13.92	13.61	13.55	13.44	13.46	13.53	13.50
Natural Gas 9/	6.54	8.47	9.02	9.25	8.84	8.56	8.26	8.13	8.03	8.07	8.16	8.30	8.48
Ethanol (E85) 10/	14.65	16.23	19.66	18.72	19.08	17.89	17.71	17.28	16.62	16.48	16.36	16.58	16.77
Electricity	15.90	16.59	17.13	16.41	16.08	15.69	15.74	15.93	16.07	15.83	15.73	15.82	15.92
Average End-Use Energy	9.58	10.87	11.86	11.79	10.98	10.50	10.32	10.15	10.14	10.10	10.09	10.16	10.25
Primary Energy	7.79	9.40	10.51	10.39	9.47	8.99	8.76	8.52	8.48	8.48	8.48	8.53	8.59
Electricity	17.85	17.71	18.18	18.17	17.81	17.35	17.35	17.48	17.56	17.29	17.20	17.32	17.45
Electric Power 11/													
Fossil Fuel Average	1.05	1.11	1.22	1.21	1.18	1.15	1.13	1.13	1.12	1.13	1.15	1.17	1.20
Petroleum Products	5.68	6.50	7.19	6.90	6.15	5.73	5.62	5.38	5.18	5.14	5.14	5.19	5.24
Distillate Fuel	5.72	6.55	7.20	6.91	6.15	5.73	5.63	5.39	5.21	5.16	5.20	5.24	5.30
Residual Fuel	3.41	4.08	4.62	4.52	3.94	3.52	3.34	3.20	3.16	3.21	3.26	3.32	3.37
Natural Gas	3.48	5.48	6.06	6.13	5.54	5.09	4.67	4.45	4.27	4.26	4.34	4.47	4.67
Steam Coal	0.94	0.94	0.94	0.94	0.96	0.95	0.95	0.95	0.94	0.94	0.94	0.94	0.94
Average Price to All Users 12/													
Petroleum Products 2/	9.37	11.11	12.65	12.35	11.19	10.62	10.45	10.17	10.19	10.21	10.17	10.18	10.19
Distillate Fuel	8.48	9.68	10.70	10.30	9.76	9.47	9.41	9.22	9.31	9.42	9.45	9.50	9.48
Jet Fuel	6.23	6.65	8.36	7.91	7.00	6.53	6.62	6.40	6.16	6.09	6.09	6.11	6.09
Liquefied Petroleum Gas	9.59	11.65	14.00	13.63	11.35	10.68	10.50	10.22	10.20	10.12	10.18	10.27	10.28
Motor Gasoline 7/	11.08	13.36	15.14	14.83	13.37	12.60	12.30	11.96	11.99	11.97	11.85	11.82	11.83

Table 14. Energy Prices by Sector and Source (2003 Dollars per Million Btu, Unless Otherwise Noted) West North Central

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Residual Fuel	3.55	4.17	4.27	4.49	4.30	3.88	3.70	3.56	3.51	3.57	3.61	3.67	3.72
Natural Gas	5.48	7.17	7.50	7.72	7.13	6.70	6.27	6.03	5.83	5.78	5.82	5.93	6.08
Coal	0.95	0.95	0.96	0.96	0.97	0.97	0.97	0.96	0.96	0.95	0.95	0.96	0.96
Ethanol (E85) 10/	14.65	16.23	19.66	18.72	19.08	17.89	17.71	17.28	16.62	16.48	16.36	16.58	16.77
Electricity	17.85	17.71	18.18	18.17	17.81	17.35	17.35	17.48	17.56	17.29	17.20	17.32	17.45
Non-Renewable Energy Expenditures by Sector (billion 2003 dollars)													
Residential	11.65	12.48	13.04	13.50	13.06	12.77	12.75	12.79	12.86	12.85	13.01	13.22	13.46
Commercial	7.57	8.04	8.40	8.65	8.52	8.43	8.50	8.66	8.81	8.90	9.06	9.32	9.60
Industrial	8.35	9.57	10.90	10.96	10.04	9.59	9.51	9.42	9.42	9.42	9.48	9.61	9.83
Transportation	19.22	23.03	26.74	26.57	24.79	24.08	24.18	24.08	24.56	24.93	25.13	25.47	25.83
Total Non-Renewable Expenditures	46.79	53.12	59.10	59.68	56.40	54.86	54.93	54.95	55.65	56.10	56.68	57.63	58.72
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	46.79	53.12	59.10	59.69	56.40	54.86	54.94	54.95	55.65	56.10	56.69	57.63	58.72

Table 14. Energy Prices by Sector and Source (2003 Dollars per Million Btu, Unless Otherwise Noted) West North Central

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2003-2025
Residential	12.87	12.95	13.04	13.14	13.32	13.44	13.60	13.65	13.73	13.78	13.85	0.2%
Primary Energy 1/	8.01	8.03	8.03	8.14	8.32	8.48	8.63	8.71	8.77	8.86	8.92	0.0%
Petroleum Products 2/	10.18	10.28	10.35	10.46	10.60	10.75	10.92	11.01	11.11	11.20	11.17	0.2%
Distillate Fuel	7.26	7.33	7.37	7.53	7.67	7.78	7.93	8.05	8.12	8.13	8.07	-0.2%
Liquefied Petroleum Gas	10.76	10.87	10.95	11.04	11.18	11.33	11.50	11.57	11.68	11.77	11.75	0.2%
Natural Gas	7.45	7.45	7.43	7.53	7.73	7.88	8.03	8.11	8.15	8.24	8.32	-0.1%
Electricity	20.93	21.02	21.15	21.17	21.22	21.17	21.20	21.11	21.11	21.02	21.00	-0.2%
Commercial	12.30	12.42	12.55	12.65	12.84	12.96	13.13	13.18	13.27	13.30	13.38	0.5%
Primary Energy 1/	6.88	6.87	6.85	6.94	7.10	7.22	7.34	7.41	7.44	7.51	7.57	0.0%
Petroleum Products 2/	7.64	7.68	7.71	7.79	7.87	7.92	8.02	8.08	8.10	8.13	8.16	-0.2%
Distillate Fuel	6.12	6.16	6.21	6.30	6.40	6.43	6.55	6.63	6.65	6.67	6.73	0.0%
Residual Fuel	3.81	3.86	3.92	3.97	4.03	4.08	4.14	4.19	4.25	4.31	4.36	0.2%
Natural Gas	6.94	6.93	6.89	6.99	7.17	7.31	7.43	7.50	7.53	7.61	7.68	0.0%
Electricity	17.90	18.09	18.30	18.35	18.47	18.50	18.63	18.59	18.67	18.58	18.60	0.2%
Industrial 3/	6.68	6.74	6.78	6.86	6.97	7.05	7.16	7.21	7.25	7.29	7.33	0.2%
Primary Energy	5.35	5.38	5.40	5.48	5.59	5.69	5.80	5.87	5.91	5.96	6.02	0.1%
Petroleum Products 2/	7.37	7.45	7.49	7.56	7.65	7.73	7.86	7.94	7.99	8.01	8.05	0.0%
Distillate Fuel	7.12	7.15	7.19	7.25	7.31	7.28	7.38	7.43	7.40	7.44	7.59	0.2%
Liquefied Petroleum Gas	9.89	10.00	10.08	10.17	10.31	10.46	10.63	10.70	10.81	10.91	10.88	-0.5%
Residual Fuel	3.84	3.89	3.95	4.00	4.06	4.11	4.17	4.22	4.28	4.33	4.39	0.2%
Natural Gas 4/	4.87	4.85	4.82	4.92	5.09	5.22	5.35	5.42	5.45	5.53	5.60	0.1%
Metallurgical Coal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Steam Coal	1.06	1.06	1.06	1.07	1.07	1.07	1.07	1.07	1.07	1.08	1.08	0.1%
Electricity	12.55	12.69	12.83	12.90	12.99	13.02	13.08	13.08	13.11	13.09	13.08	0.1%
Transportation	11.04	11.08	11.11	11.16	11.20	11.22	11.28	11.32	11.34	11.38	11.46	-0.3%
Primary Energy	11.03	11.06	11.10	11.14	11.19	11.21	11.27	11.31	11.33	11.37	11.44	-0.3%
Petroleum Products 2/	11.04	11.07	11.11	11.15	11.19	11.21	11.27	11.32	11.34	11.38	11.45	-0.3%
Distillate Fuel 5/	10.48	10.47	10.48	10.49	10.50	10.42	10.47	10.48	10.40	10.41	10.57	-0.1%
Jet Fuel 6/	6.08	6.10	6.12	6.21	6.31	6.39	6.52	6.61	6.69	6.68	6.60	0.0%
Motor Gasoline 7/	11.91	11.96	12.01	12.06	12.11	12.16	12.21	12.26	12.31	12.36	12.42	-0.3%
Residual Fuel	3.14	3.20	3.25	3.31	3.36	3.42	3.48	3.53	3.59	3.65	3.71	-0.1%
Liquefied Petroleum Gas 8/	13.59	13.67	13.72	13.79	13.90	14.02	14.16	14.20	14.27	14.34	14.29	-0.6%
Natural Gas 9/	8.60	8.59	8.56	8.65	8.82	8.93	9.04	9.09	9.10	9.16	9.20	0.4%
Ethanol (E85) 10/	16.85	16.92	16.97	17.05	16.61	16.74	17.24	17.20	17.40	17.53	17.68	0.4%
Electricity	15.94	16.06	16.20	16.21	16.26	16.25	16.27	16.18	16.19	16.12	16.09	-0.1%
Average End-Use Energy	10.32	10.39	10.45	10.52	10.62	10.70	10.80	10.85	10.90	10.94	11.01	0.1%
Primary Energy	8.66	8.70	8.73	8.79	8.89	8.96	9.06	9.12	9.16	9.22	9.28	-0.1%
Electricity	17.51	17.66	17.83	17.87	17.96	17.97	18.06	18.02	18.06	18.01	18.01	0.1%
Electric Power 11/												
Fossil Fuel Average	1.21	1.21	1.22	1.24	1.25	1.26	1.26	1.27	1.28	1.28	1.28	0.7%
Petroleum Products	5.28	5.36	5.40	5.56	5.70	5.81	5.95	6.09	6.16	6.17	6.12	-0.3%
Distillate Fuel	5.33	5.41	5.45	5.60	5.74	5.85	6.00	6.13	6.20	6.21	6.14	-0.3%
Residual Fuel	3.43	3.48	3.54	3.59	3.65	3.70	3.76	3.81	3.87	3.93	3.98	-0.1%
Natural Gas	4.78	4.78	4.77	4.89	5.07	5.20	5.32	5.39	5.43	5.52	5.57	0.1%
Steam Coal	0.95	0.95	0.95	0.95	0.95	0.95	0.96	0.96	0.96	0.97	0.97	0.2%
Average Price to All Users 12/												
Petroleum Products 2/	10.22	10.27	10.31	10.37	10.42	10.46	10.54	10.60	10.63	10.66	10.72	-0.2%
Distillate Fuel	9.45	9.46	9.48	9.51	9.54	9.49	9.56	9.58	9.52	9.55	9.66	0.0%
Jet Fuel	6.08	6.10	6.12	6.21	6.31	6.39	6.52	6.61	6.69	6.68	6.60	0.0%
Liquefied Petroleum Gas	10.40	10.51	10.59	10.68	10.82	10.97	11.14	11.21	11.31	11.41	11.38	-0.1%
Motor Gasoline 7/	11.89	11.94	11.99	12.04	12.09	12.14	12.19	12.24	12.29	12.34	12.40	-0.3%

Table 14. Energy Prices by Sector and Source (2003 Dollars per Million Btu, Unless Otherwise Noted) West North Central

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2003- 2025
Residual Fuel	3.78	3.83	3.89	3.94	4.00	4.06	4.11	4.17	4.22	4.28	4.34	0.2%
Natural Gas	6.20	6.18	6.14	6.24	6.41	6.55	6.68	6.75	6.78	6.87	6.94	-0.1%
Coal	0.96	0.96	0.96	0.96	0.96	0.96	0.97	0.97	0.97	0.98	0.98	0.1%
Ethanol (E85) 10/	16.85	16.92	16.97	17.05	16.61	16.74	17.24	17.20	17.40	17.53	17.68	0.4%
Electricity	17.51	17.66	17.83	17.87	17.96	17.97	18.06	18.02	18.06	18.01	18.01	0.1%
Non-Renewable Energy Expenditures by Sector (billion 2003 dollars)												
Residential	13.66	13.86	13.99	14.18	14.43	14.66	14.84	14.97	15.12	15.30	15.42	1.0%
Commercial	9.83	10.06	10.31	10.54	10.83	11.06	11.35	11.55	11.79	11.99	12.24	1.9%
Industrial	9.96	10.05	10.20	10.41	10.67	10.87	11.09	11.25	11.39	11.52	11.67	0.9%
Transportation	26.22	26.58	27.00	27.41	27.82	28.15	28.57	28.98	29.36	29.81	30.37	1.3%
Total Non-Renewable Expenditures	59.67	60.54	61.50	62.55	63.75	64.73	65.85	66.74	67.66	68.63	69.70	1.2%
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	6.8%
Total Expenditures	59.67	60.55	61.50	62.55	63.75	64.74	65.85	66.74	67.67	68.64	69.70	1.2%

Table 14. Energy Prices by Sector and Source (2003 Dollars per Million Btu, Unless Otherwise Noted) West North Central

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

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

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

4/ Excludes use for lease and plant fuel.

5/ Diesel fuel containing 500 parts per million (ppm) or 15 ppm sulfur. Price includes Federal and State taxes while excluding county and local taxes.

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

7/ Sales weighted-average price for all grades. Includes Federal, State, and local taxes.

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

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

10/ 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 actually varies seasonally. The annual average ethanol content of 74 percent is used for this forecast.

11/ Includes electricity-only and combined heat and power plants whose primary business is to sell electricity, or electricity and heat, to the public.

12/ 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.

Note: Data for 2002 and 2003 are model results and may differ slightly from official EIA data reports.

Sources: 2002 and 2003 prices for motor gasoline, distillate, and jet fuel are based on prices in the Energy Information Administration (EIA), Petroleum Marketing Annual 2003, DOE/EIA-0487(2003) (Washington, DC, August 2004). 2002 residential and commercial natural gas delivered prices: EIA, Natural Gas Annual 2002, DOE/EIA-0131(2002) (Washington, DC, January 2004). 2003 residential and commercial natural gas delivered prices: EIA, Natural Gas Monthly, DOE/EIA-0130(2004/07) (Washington, DC, July 2004). 2002 and 2003 electric power sector natural gas prices: EIA, Electric Power Monthly, DOE/EIA-0226, May 2003 through April 2004, Table 4.11.A. 2002 and 2003 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 2002, DOE/EIA-0131(2002) (Washington, DC, January 2004) and the Natural Gas Monthly, DOE/EIA-0130(2004/07) (Washington, DC, July 2004). 2002 transportation sector natural gas delivered prices are based on: EIA, Natural Gas Annual 2002, DOE/EIA-0131(2002) (Washington, DC, January 2004) and estimated state and federal taxes. 2003 transportation sector natural gas delivered prices are model results. 2002 and 2003 coal prices based on: EIA, Quarterly Coal Report, October-December 2003, DOE/EIA-0121(2003/4Q) (Washington, DC, March 2004) and EIA, AEO2005 National Energy Modeling System run aeo2005.d102004a. 2002 and 2003 electricity prices: Annual Energy Review 2003, DOE/EIA-0384(2003) (Washington, DC, September 2004). 2002 and 2003 ethanol prices derived from weekly spot prices in the Oxy Fuel News. Projections: EIA, AEO2005 National Energy Modeling System run aeo2005.d102004a.

Table 15. Energy Prices by Sector and Source (2003 Dollars per Million Btu, Unless Otherwise Noted) South Atlantic

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Residential	18.51	19.02	20.14	20.10	19.21	18.34	17.92	17.82	17.68	17.60	17.63	17.73	17.91
Primary Energy 1/	10.21	11.72	12.32	11.92	10.90	10.33	9.95	9.80	9.64	9.58	9.66	9.76	9.92
Petroleum Products 2/	11.42	12.77	15.05	14.41	13.21	12.80	12.65	12.48	12.46	12.46	12.56	12.69	12.79
Distillate Fuel	8.41	9.62	10.59	10.17	9.14	8.75	8.56	8.38	8.27	8.23	8.28	8.31	8.38
Liquefied Petroleum Gas	15.12	16.94	20.43	19.84	18.31	17.70	17.51	17.22	17.19	17.11	17.17	17.26	17.27
Natural Gas	9.71	11.32	11.22	11.00	10.07	9.46	9.02	8.90	8.70	8.64	8.73	8.83	9.02
Electricity	23.58	23.70	25.03	25.14	24.37	23.32	22.87	22.79	22.67	22.56	22.53	22.61	22.77
Commercial	15.09	15.72	17.13	17.24	16.44	15.65	15.31	15.30	15.26	15.31	15.47	15.66	15.93
Primary Energy 1/	7.31	8.81	9.08	8.89	8.13	7.67	7.41	7.36	7.29	7.36	7.42	7.48	7.62
Petroleum Products 2/	6.91	8.02	8.94	8.74	7.97	7.52	7.35	7.14	7.13	7.20	7.21	7.21	7.23
Distillate Fuel	5.89	6.73	7.41	7.12	6.58	6.24	6.12	5.96	5.99	6.10	6.12	6.12	6.15
Residual Fuel	3.94	4.59	4.68	4.94	4.83	4.41	4.22	4.08	4.03	4.08	4.13	4.18	4.24
Natural Gas	7.62	9.30	9.37	9.18	8.39	7.91	7.60	7.59	7.50	7.56	7.64	7.72	7.90
Electricity	19.22	19.50	21.41	21.56	20.74	19.76	19.36	19.34	19.28	19.28	19.44	19.65	19.94
Industrial 3/	6.54	7.44	8.29	8.32	7.72	7.31	7.15	7.08	7.03	7.05	7.11	7.19	7.32
Primary Energy	4.67	5.71	6.36	6.38	5.71	5.33	5.17	5.07	5.03	5.08	5.12	5.16	5.24
Petroleum Products 2/	5.92	6.79	7.84	7.95	7.17	6.73	6.61	6.39	6.38	6.44	6.45	6.47	6.50
Distillate Fuel	6.20	7.08	7.79	7.49	6.79	6.47	6.48	6.33	6.44	6.81	6.81	6.80	6.80
Liquefied Petroleum Gas	11.45	15.28	18.42	17.88	14.37	13.76	13.57	13.28	13.25	13.17	13.23	13.33	13.33
Residual Fuel	4.00	4.65	4.75	5.01	4.91	4.50	4.30	4.17	4.12	4.17	4.22	4.27	4.32
Natural Gas 4/	4.57	6.44	6.76	6.61	5.78	5.28	4.95	4.94	4.83	4.88	4.96	5.04	5.23
Metallurgical Coal	1.65	1.62	1.77	1.70	1.68	1.66	1.65	1.65	1.62	1.59	1.57	1.56	1.56
Steam Coal	1.89	1.83	1.84	1.88	1.87	1.85	1.85	1.84	1.83	1.84	1.82	1.81	1.81
Electricity	12.68	13.08	14.42	14.40	13.96	13.40	13.18	13.13	13.04	12.92	13.00	13.14	13.37
Transportation	9.98	11.38	12.87	12.55	11.90	11.30	11.07	10.78	10.79	10.79	10.72	10.71	10.72
Primary Energy	9.96	11.36	12.85	12.53	11.88	11.28	11.05	10.76	10.77	10.77	10.70	10.69	10.70
Petroleum Products 2/	9.96	11.36	12.85	12.53	11.88	11.29	11.05	10.77	10.78	10.77	10.70	10.69	10.70
Distillate Fuel 5/	9.12	10.43	11.48	11.02	10.88	10.59	10.43	10.25	10.39	10.46	10.42	10.36	10.32
Jet Fuel 6/	6.14	6.55	8.24	7.79	6.98	6.57	6.57	6.40	6.25	6.21	6.24	6.27	6.27
Motor Gasoline 7/	10.82	12.37	14.02	13.73	12.95	12.23	11.93	11.60	11.60	11.58	11.47	11.43	11.45
Residual Fuel	3.59	4.18	4.26	4.50	4.55	4.12	3.92	3.78	3.73	3.78	3.83	3.88	3.94
Liquefied Petroleum Gas 8/	15.35	16.67	20.62	20.43	18.13	17.49	17.27	16.95	16.89	16.78	16.80	16.87	16.85
Natural Gas 9/	7.00	8.97	9.66	9.54	8.91	8.56	8.37	8.39	8.40	8.52	8.59	8.69	8.87
Ethanol (E85) 10/	14.65	16.23	19.66	19.38	19.57	18.39	18.21	17.78	17.12	16.97	16.86	17.08	17.27
Electricity	18.48	19.05	19.31	19.32	18.58	17.77	17.45	17.42	17.36	17.30	17.35	17.44	17.63
Average End-Use Energy	11.32	12.39	13.65	13.52	12.86	12.26	12.02	11.86	11.85	11.86	11.88	11.95	12.06
Primary Energy	8.57	9.92	11.06	10.84	10.18	9.67	9.45	9.25	9.24	9.27	9.25	9.28	9.34
Electricity	19.64	19.89	21.40	21.50	20.81	19.92	19.56	19.51	19.43	19.37	19.45	19.60	19.83
Electric Power 11/													
Fossil Fuel Average	2.14	2.51	2.57	2.54	2.40	2.28	2.23	2.21	2.19	2.22	2.27	2.32	2.38
Petroleum Products	4.11	5.01	5.66	5.53	5.17	4.76	4.58	4.43	4.37	4.40	4.45	4.50	4.56
Distillate Fuel	5.52	6.31	6.94	6.68	6.00	5.61	5.42	5.24	5.13	5.09	5.14	5.17	5.24
Residual Fuel	3.93	4.71	5.33	5.21	4.93	4.51	4.32	4.18	4.13	4.18	4.23	4.28	4.34
Natural Gas	4.05	5.95	6.35	6.16	5.35	4.84	4.53	4.51	4.40	4.50	4.61	4.73	4.95
Steam Coal	1.61	1.62	1.61	1.62	1.62	1.59	1.59	1.56	1.53	1.53	1.52	1.52	1.52
Average Price to All Users 12/													
Petroleum Products 2/	9.02	10.22	11.57	11.33	10.70	10.17	9.98	9.73	9.75	9.77	9.73	9.74	9.77
Distillate Fuel	8.41	9.49	10.43	10.04	9.69	9.37	9.26	9.10	9.16	9.24	9.27	9.31	9.30
Jet Fuel	6.14	6.55	8.24	7.79	6.98	6.57	6.57	6.40	6.25	6.21	6.24	6.27	6.27
Liquefied Petroleum Gas	13.62	16.29	19.55	18.95	16.69	16.11	15.93	15.65	15.63	15.57	15.63	15.73	15.75
Motor Gasoline 7/	10.82	12.36	14.02	13.73	12.94	12.22	11.92	11.59	11.60	11.58	11.46	11.42	11.44

Table 15. Energy Prices by Sector and Source (2003 Dollars per Million Btu, Unless Otherwise Noted) South Atlantic

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Residual Fuel	3.89	4.63	5.08	5.09	4.88	4.46	4.27	4.13	4.08	4.13	4.18	4.23	4.28
Natural Gas	5.98	7.92	8.22	8.04	7.20	6.69	6.31	6.25	6.08	6.10	6.16	6.23	6.41
Coal	1.63	1.63	1.63	1.63	1.64	1.61	1.60	1.58	1.55	1.55	1.54	1.53	1.53
Ethanol (E85) 10/	14.65	16.23	19.66	19.38	19.57	18.39	18.21	17.78	17.12	16.97	16.86	17.08	17.27
Electricity	19.64	19.89	21.40	21.50	20.81	19.92	19.56	19.51	19.43	19.37	19.45	19.60	19.83
Non-Renewable Energy Expenditures by Sector (billion 2003 dollars)													
Residential	31.96	34.04	36.52	37.32	36.55	35.93	36.20	36.80	37.35	37.96	38.84	39.65	40.72
Commercial	20.92	22.10	24.59	25.09	24.71	24.37	24.65	25.38	26.01	26.78	27.74	28.78	29.97
Industrial	15.16	17.31	19.73	20.05	18.46	17.52	17.35	17.37	17.35	17.54	17.81	18.09	18.59
Transportation	47.40	54.57	63.32	63.23	61.38	59.87	60.30	60.38	61.90	63.27	64.20	65.47	66.91
Total Non-Renewable Expenditures	115.43	128.03	144.16	145.69	141.10	137.69	138.50	139.93	142.62	145.55	148.59	152.00	156.20
Transportation Renewable Expenditures	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Total Expenditures	115.44	128.03	144.16	145.69	141.10	137.70	138.50	139.94	142.62	145.56	148.60	152.01	156.21

Table 15. Energy Prices by Sector and Source (2003 Dollars per Million Btu, Unless Otherwise Noted) South Atlantic

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2003-2025
Residential	18.03	18.04	18.13	18.32	18.51	18.62	18.71	18.69	18.70	18.73	18.83	0.0%
Primary Energy 1/	10.06	10.06	10.15	10.32	10.51	10.64	10.73	10.78	10.79	10.84	10.92	-0.3%
Petroleum Products 2/	12.95	13.11	13.26	13.49	13.72	13.92	14.14	14.30	14.49	14.68	14.80	0.7%
Distillate Fuel	8.44	8.50	8.55	8.74	8.87	8.92	8.97	9.02	9.08	9.13	9.18	-0.2%
Liquefied Petroleum Gas	17.40	17.51	17.59	17.69	17.83	17.98	18.15	18.23	18.34	18.44	18.41	0.4%
Natural Gas	9.17	9.13	9.22	9.40	9.59	9.72	9.80	9.83	9.82	9.86	9.94	-0.6%
Electricity	22.83	22.82	22.88	23.04	23.19	23.25	23.31	23.23	23.21	23.18	23.26	-0.1%
Commercial	16.12	16.20	16.34	16.59	16.83	16.99	17.12	17.09	17.16	17.20	17.34	0.4%
Primary Energy 1/	7.72	7.69	7.76	7.90	8.05	8.13	8.19	8.21	8.19	8.23	8.30	-0.3%
Petroleum Products 2/	7.25	7.29	7.34	7.44	7.52	7.53	7.60	7.64	7.65	7.69	7.78	-0.1%
Distillate Fuel	6.18	6.22	6.27	6.38	6.47	6.48	6.55	6.59	6.59	6.64	6.76	0.0%
Residual Fuel	4.29	4.34	4.39	4.43	4.49	4.54	4.59	4.65	4.70	4.75	4.81	0.2%
Natural Gas	8.02	7.97	8.04	8.20	8.37	8.48	8.53	8.54	8.51	8.55	8.61	-0.4%
Electricity	20.13	20.22	20.36	20.62	20.86	21.02	21.13	21.05	21.13	21.14	21.27	0.4%
Industrial 3/	7.42	7.46	7.55	7.69	7.82	7.92	8.02	8.06	8.09	8.13	8.20	0.4%
Primary Energy	5.31	5.33	5.38	5.49	5.60	5.68	5.77	5.82	5.85	5.88	5.93	0.2%
Petroleum Products 2/	6.54	6.60	6.65	6.73	6.82	6.90	7.03	7.12	7.18	7.20	7.24	0.3%
Distillate Fuel	6.80	6.83	6.88	6.94	7.00	6.97	7.05	7.09	7.05	7.11	7.27	0.1%
Liquefied Petroleum Gas	13.46	13.57	13.65	13.75	13.89	14.04	14.21	14.29	14.40	14.50	14.47	-0.2%
Residual Fuel	4.38	4.43	4.47	4.52	4.57	4.63	4.68	4.73	4.79	4.84	4.90	0.2%
Natural Gas 4/	5.36	5.31	5.39	5.55	5.72	5.83	5.88	5.89	5.86	5.90	5.97	-0.3%
Metallurgical Coal	1.56	1.55	1.55	1.55	1.55	1.55	1.54	1.52	1.51	1.50	1.49	-0.4%
Steam Coal	1.81	1.81	1.81	1.81	1.80	1.80	1.80	1.80	1.82	1.82	1.83	0.0%
Electricity	13.52	13.60	13.73	13.93	14.14	14.25	14.33	14.31	14.33	14.35	14.42	0.4%
Transportation	10.75	10.79	10.82	10.87	10.92	10.94	11.01	11.05	11.08	11.13	11.21	-0.1%
Primary Energy	10.73	10.77	10.80	10.85	10.90	10.92	10.98	11.03	11.06	11.10	11.18	-0.1%
Petroleum Products 2/	10.73	10.77	10.81	10.85	10.90	10.92	10.99	11.04	11.06	11.11	11.19	-0.1%
Distillate Fuel 5/	10.28	10.27	10.28	10.29	10.30	10.22	10.27	10.27	10.19	10.21	10.36	0.0%
Jet Fuel 6/	6.28	6.32	6.36	6.46	6.57	6.59	6.79	6.90	6.94	6.99	7.04	0.3%
Motor Gasoline 7/	11.50	11.55	11.59	11.64	11.69	11.74	11.79	11.84	11.89	11.94	11.99	-0.1%
Residual Fuel	3.99	4.04	4.09	4.13	4.18	4.24	4.29	4.35	4.40	4.45	4.51	0.3%
Liquefied Petroleum Gas 8/	16.94	17.02	17.08	17.15	17.26	17.38	17.52	17.57	17.65	17.72	17.66	0.3%
Natural Gas 9/	9.01	9.02	9.11	9.25	9.38	9.47	9.52	9.55	9.55	9.59	9.64	0.3%
Ethanol (E85) 10/	17.35	17.42	17.46	17.55	17.10	17.24	17.74	17.70	17.90	18.03	18.17	0.5%
Electricity	17.71	17.72	17.78	17.91	18.04	18.11	18.11	17.99	17.94	17.90	17.94	-0.3%
Average End-Use Energy	12.15	12.21	12.29	12.41	12.53	12.62	12.71	12.74	12.78	12.83	12.93	0.2%
Primary Energy	9.41	9.45	9.50	9.58	9.67	9.72	9.80	9.86	9.89	9.94	10.02	0.0%
Electricity	19.96	20.03	20.14	20.34	20.55	20.67	20.75	20.69	20.72	20.73	20.83	0.2%
Electric Power 11/												
Fossil Fuel Average	2.42	2.44	2.47	2.52	2.58	2.62	2.63	2.61	2.61	2.62	2.64	0.2%
Petroleum Products	4.62	4.67	4.73	4.83	4.90	4.97	5.03	5.07	5.12	5.18	5.23	0.2%
Distillate Fuel	5.29	5.35	5.41	5.60	5.72	5.78	5.83	5.88	5.93	5.99	6.04	-0.2%
Residual Fuel	4.39	4.44	4.49	4.53	4.59	4.64	4.69	4.75	4.80	4.85	4.91	0.2%
Natural Gas	5.09	5.07	5.18	5.35	5.53	5.64	5.68	5.68	5.65	5.69	5.75	-0.2%
Steam Coal	1.51	1.51	1.51	1.51	1.51	1.51	1.52	1.54	1.56	1.57	1.59	-0.1%
Average Price to All Users 12/												
Petroleum Products 2/	9.81	9.87	9.93	10.01	10.07	10.11	10.19	10.25	10.30	10.35	10.44	0.1%
Distillate Fuel	9.28	9.29	9.32	9.37	9.40	9.35	9.40	9.44	9.39	9.42	9.57	0.0%
Jet Fuel	6.28	6.32	6.36	6.46	6.57	6.59	6.79	6.90	6.94	6.99	7.04	0.3%
Liquefied Petroleum Gas	15.88	16.00	16.09	16.18	16.32	16.48	16.65	16.73	16.84	16.95	16.92	0.2%
Motor Gasoline 7/	11.49	11.54	11.59	11.63	11.68	11.73	11.78	11.83	11.88	11.93	11.99	-0.1%

Table 15. Energy Prices by Sector and Source (2003 Dollars per Million Btu, Unless Otherwise Noted) South Atlantic

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2003-
Residual Fuel	4.34	4.39	4.43	4.48	4.53	4.58	4.64	4.69	4.74	4.80	4.85	0.2%
Natural Gas	6.54	6.50	6.58	6.74	6.91	7.02	7.09	7.12	7.10	7.15	7.23	-0.4%
Coal	1.53	1.53	1.53	1.53	1.53	1.53	1.54	1.55	1.57	1.59	1.60	-0.1%
Ethanol (E85) 10/	17.35	17.42	17.46	17.55	17.10	17.24	17.74	17.70	17.90	18.03	18.17	0.5%
Electricity	19.96	20.03	20.14	20.34	20.55	20.67	20.75	20.69	20.72	20.73	20.83	0.2%
Non-Renewable Energy Expenditures by Sector (billion 2003 dollars)												
Residential	41.63	42.37	43.11	44.16	45.19	46.17	46.90	47.51	48.22	49.07	49.87	1.8%
Commercial	31.05	31.97	33.05	34.28	35.53	36.66	37.75	38.58	39.67	40.73	42.04	3.0%
Industrial	18.93	19.06	19.46	20.04	20.60	21.04	21.44	21.68	21.95	22.24	22.58	1.2%
Transportation	68.42	69.88	71.46	73.07	74.68	76.08	77.80	79.46	81.08	82.93	85.06	2.0%
Total Non-Renewable Expenditures	160.02	163.28	167.08	171.55	176.00	179.95	183.89	187.23	190.91	194.96	199.54	2.0%
Transportation Renewable Expenditures	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	7.6%
Total Expenditures	160.03	163.29	167.09	171.56	176.02	179.96	183.90	187.25	190.93	194.98	199.56	2.0%

Table 15. Energy Prices by Sector and Source (2003 Dollars per Million Btu, Unless Otherwise Noted) South Atlantic

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

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

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

4/ Excludes use for lease and plant fuel.

5/ Diesel fuel containing 500 parts per million (ppm) or 15 ppm sulfur. Price includes Federal and State taxes while excluding county and local taxes.

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

7/ Sales weighted-average price for all grades. Includes Federal, State, and local taxes.

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

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

10/ 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 actually varies seasonally. The annual average ethanol content of 74 percent is used for this forecast.

11/ Includes electricity-only and combined heat and power plants whose primary business is to sell electricity, or electricity and heat, to the public.

12/ 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.

Note: Data for 2002 and 2003 are model results and may differ slightly from official EIA data reports.

Sources: 2002 and 2003 prices for motor gasoline, distillate, and jet fuel are based on prices in the Energy Information Administration (EIA), Petroleum Marketing Annual 2003, DOE/EIA-0487(2003) (Washington, DC, August 2004). 2002 residential and commercial natural gas delivered prices: EIA, Natural Gas Annual 2002, DOE/EIA-0131(2002) (Washington, DC, January 2004). 2003 residential and commercial natural gas delivered prices: EIA, Natural Gas Monthly, DOE/EIA-0130(2004/07) (Washington, DC, July 2004). 2002 and 2003 electric power sector natural gas prices: EIA, Electric Power Monthly, DOE/EIA-0226, May 2003 through April 2004, Table 4.11.A. 2002 and 2003 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 2002, DOE/EIA-0131(2002) (Washington, DC, January 2004) and the Natural Gas Monthly, DOE/EIA-0130(2004/07) (Washington, DC, July 2004). 2002 transportation sector natural gas delivered prices are based on: EIA, Natural Gas Annual 2002, DOE/EIA-0131(2002) (Washington, DC, January 2004) and estimated state and federal taxes. 2003 transportation sector natural gas delivered prices are model results. 2002 and 2003 coal prices based on: EIA, Quarterly Coal Report, October-December 2003, DOE/EIA-0121(2003/4Q) (Washington, DC, March 2004) and EIA, AEO2005 National Energy Modeling System run aeo2005.d102004a. 2002 and 2003 electricity prices: Annual Energy Review 2003, DOE/EIA-0384(2003) (Washington, DC, September 2004). 2002 and 2003 ethanol prices derived from weekly spot prices in the Oxy Fuel News. Projections: EIA, AEO2005 National Energy Modeling System run aeo2005.d102004a.

Table 16. Energy Prices by Sector and Source (2003 Dollars per Million Btu, Unless Otherwise Noted) East South Central

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Residential	15.31	15.87	18.10	17.87	17.18	16.40	15.94	15.78	15.61	15.51	15.49	15.56	15.72
Primary Energy 1/	9.27	10.60	11.49	11.16	10.19	9.60	9.15	9.01	8.85	8.79	8.89	9.01	9.17
Petroleum Products 2/	12.91	14.43	17.31	16.71	15.26	14.62	14.43	14.16	14.11	14.04	14.09	14.18	14.20
Distillate Fuel	7.33	8.37	9.22	8.86	8.19	7.77	7.58	7.40	7.29	7.25	7.29	7.33	7.38
Liquefied Petroleum Gas	13.60	15.25	18.38	17.85	16.28	15.59	15.40	15.11	15.08	15.01	15.06	15.16	15.17
Natural Gas	8.37	9.74	10.13	10.00	9.15	8.58	8.09	7.99	7.81	7.76	7.87	7.99	8.19
Electricity	19.59	19.84	23.05	22.84	22.38	21.48	21.04	20.87	20.69	20.56	20.43	20.43	20.54
Commercial	14.09	14.56	15.53	15.40	14.71	14.07	13.74	13.68	13.60	13.62	13.67	13.80	14.02
Primary Energy 1/	7.08	8.17	8.59	8.43	7.73	7.28	6.98	6.94	6.89	6.95	7.02	7.11	7.24
Petroleum Products 2/	7.32	8.69	9.65	9.38	8.48	7.91	7.68	7.42	7.39	7.42	7.41	7.39	7.38
Distillate Fuel	5.63	6.44	7.08	6.81	6.44	6.06	5.95	5.79	5.82	5.92	5.94	5.95	5.97
Residual Fuel	4.13	4.81	4.89	5.17	4.48	4.07	3.88	3.75	3.70	3.76	3.81	3.87	3.93
Natural Gas	7.34	8.49	8.82	8.66	7.93	7.47	7.12	7.13	7.06	7.12	7.22	7.32	7.49
Electricity	18.92	19.09	20.30	20.26	19.56	18.76	18.39	18.27	18.13	18.07	18.06	18.16	18.39
Industrial 3/	6.15	6.97	8.18	8.18	7.55	7.14	6.98	6.91	6.86	6.85	6.90	6.97	7.10
Primary Energy	4.59	5.55	6.39	6.40	5.70	5.31	5.14	5.04	4.98	5.00	5.03	5.08	5.17
Petroleum Products 2/	6.06	7.12	8.38	8.47	7.48	7.00	6.89	6.65	6.63	6.65	6.67	6.70	6.72
Distillate Fuel	5.99	6.85	7.54	7.24	6.74	6.38	6.40	6.24	6.35	6.73	6.73	6.72	6.72
Liquefied Petroleum Gas	10.06	13.42	16.19	15.73	12.75	12.06	11.87	11.58	11.55	11.47	11.53	11.63	11.63
Residual Fuel	3.94	4.59	4.68	4.94	4.21	3.79	3.61	3.48	3.43	3.48	3.54	3.59	3.65
Natural Gas 4/	4.38	5.68	6.37	6.26	5.50	5.01	4.65	4.63	4.52	4.54	4.62	4.72	4.89
Metallurgical Coal	1.77	1.72	1.81	1.78	1.76	1.74	1.74	1.73	1.72	1.72	1.69	1.68	1.67
Steam Coal	1.69	1.62	1.64	1.68	1.67	1.65	1.66	1.67	1.67	1.68	1.66	1.65	1.65
Electricity	11.10	11.37	13.58	13.50	13.10	12.62	12.43	12.40	12.35	12.24	12.27	12.38	12.59
Transportation	10.00	11.43	12.91	12.55	11.91	11.29	11.06	10.79	10.80	10.80	10.73	10.73	10.73
Primary Energy	9.98	11.42	12.89	12.54	11.89	11.28	11.05	10.77	10.79	10.78	10.72	10.72	10.72
Petroleum Products 2/	9.98	11.42	12.89	12.54	11.90	11.28	11.05	10.77	10.79	10.78	10.72	10.72	10.72
Distillate Fuel 5/	9.12	10.43	11.48	11.02	10.92	10.60	10.43	10.25	10.39	10.46	10.42	10.37	10.32
Jet Fuel 6/	5.98	6.39	8.02	7.59	6.79	6.34	6.34	6.18	6.04	6.02	6.06	6.11	6.12
Motor Gasoline 7/	11.08	12.73	14.42	14.12	13.29	12.52	12.22	11.88	11.90	11.88	11.77	11.73	11.75
Residual Fuel	3.24	4.33	4.40	4.65	3.51	3.09	2.90	2.76	2.72	2.77	2.83	2.89	2.95
Liquefied Petroleum Gas 8/	14.61	16.02	19.81	19.62	16.15	15.43	15.21	14.89	14.82	14.72	14.74	14.81	14.79
Natural Gas 9/	9.24	10.94	11.59	11.47	10.77	10.34	10.01	10.01	9.94	10.00	10.07	10.14	10.26
Ethanol (E85) 10/	14.65	16.23	19.66	17.24	18.74	17.71	17.31	16.86	16.91	16.87	16.72	16.67	16.69
Electricity	17.35	18.21	18.20	17.98	17.29	16.59	16.28	16.19	16.10	16.02	15.97	16.00	16.14
Average End-Use Energy	9.72	10.72	12.13	11.96	11.32	10.77	10.54	10.38	10.35	10.34	10.34	10.40	10.49
Primary Energy	7.81	9.08	10.24	10.04	9.36	8.85	8.64	8.46	8.45	8.46	8.47	8.51	8.57
Electricity	16.15	16.31	18.54	18.42	17.94	17.24	16.92	16.82	16.70	16.60	16.57	16.64	16.83
Electric Power 11/													
Fossil Fuel Average	1.59	1.71	1.94	1.86	1.74	1.66	1.67	1.69	1.71	1.74	1.76	1.80	1.88
Petroleum Products	4.60	5.52	6.28	6.08	5.57	5.13	4.87	4.67	4.53	4.52	4.50	4.54	4.51
Distillate Fuel	5.81	6.63	7.31	7.02	6.42	6.00	5.81	5.63	5.52	5.48	5.52	5.56	5.62
Residual Fuel	3.22	3.86	4.36	4.27	3.79	3.38	3.19	3.06	3.02	3.07	3.13	3.18	3.24
Natural Gas	3.55	5.70	6.07	5.83	5.05	4.54	4.20	4.19	4.11	4.17	4.30	4.44	4.65
Steam Coal	1.28	1.28	1.30	1.31	1.31	1.30	1.30	1.29	1.29	1.27	1.26	1.26	1.25
Average Price to All Users 12/													
Petroleum Products 2/	9.10	10.40	11.89	11.63	10.90	10.33	10.14	9.87	9.89	9.90	9.86	9.87	9.87
Distillate Fuel	8.51	9.66	10.74	10.32	10.09	9.75	9.64	9.46	9.53	9.61	9.63	9.67	9.64
Jet Fuel	5.98	6.39	8.02	7.59	6.79	6.34	6.34	6.18	6.04	6.02	6.06	6.11	6.12
Liquefied Petroleum Gas	11.67	14.29	17.13	16.59	14.25	13.57	13.37	13.08	13.04	12.96	13.02	13.11	13.11
Motor Gasoline 7/	11.08	12.73	14.42	14.12	13.28	12.51	12.20	11.87	11.89	11.87	11.76	11.72	11.74

Table 16. Energy Prices by Sector and Source (2003 Dollars per Million Btu, Unless Otherwise Noted) East South Central

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Residual Fuel	3.37	4.17	4.48	4.62	3.85	3.43	3.24	3.12	3.07	3.13	3.19	3.25	3.32
Natural Gas	5.27	6.96	7.29	7.17	6.42	5.94	5.51	5.45	5.30	5.30	5.40	5.49	5.64
Coal	1.31	1.31	1.33	1.34	1.34	1.32	1.32	1.31	1.31	1.30	1.29	1.28	1.28
Ethanol (E85) 10/	14.65	16.23	19.66	17.24	18.74	17.71	17.31	16.86	16.91	16.87	16.72	16.67	16.69
Electricity	16.15	16.31	18.54	18.42	17.94	17.24	16.92	16.82	16.70	16.60	16.57	16.64	16.83
Non-Renewable Energy Expenditures by Sector (billion 2003 dollars)													
Residential	9.80	10.07	11.42	11.45	11.08	10.74	10.64	10.63	10.62	10.64	10.72	10.79	10.94
Commercial	6.38	6.56	7.13	7.32	7.22	7.14	7.20	7.37	7.52	7.72	7.94	8.20	8.52
Industrial	9.53	10.62	12.78	12.98	11.93	11.32	11.22	11.25	11.24	11.34	11.51	11.69	12.02
Transportation	17.87	20.66	24.01	23.88	23.09	22.39	22.47	22.41	22.87	23.25	23.48	23.82	24.19
Total Non-Renewable Expenditures	43.58	47.91	55.34	55.63	53.32	51.59	51.52	51.66	52.25	52.95	53.64	54.50	55.67
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	43.58	47.91	55.34	55.63	53.32	51.59	51.52	51.66	52.25	52.95	53.65	54.51	55.67

Table 16. Energy Prices by Sector and Source (2003 Dollars per Million Btu, Unless Otherwise Noted) East South Central

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2003-2025
Residential	15.80	15.80	15.91	16.09	16.26	16.37	16.47	16.45	16.47	16.50	16.60	0.2%
Primary Energy 1/	9.32	9.32	9.42	9.59	9.76	9.90	10.01	10.04	10.06	10.11	10.18	-0.2%
Petroleum Products 2/	14.31	14.41	14.49	14.60	14.75	14.90	15.07	15.16	15.27	15.37	15.36	0.3%
Distillate Fuel	7.42	7.49	7.53	7.69	7.83	7.94	8.09	8.21	8.28	8.29	8.30	0.0%
Liquefied Petroleum Gas	15.29	15.40	15.48	15.58	15.72	15.87	16.05	16.12	16.23	16.33	16.30	0.3%
Natural Gas	8.33	8.31	8.41	8.59	8.77	8.90	8.99	9.02	9.01	9.06	9.14	-0.3%
Electricity	20.55	20.53	20.62	20.78	20.92	20.97	21.02	20.94	20.92	20.91	20.99	0.3%
Commercial	14.15	14.21	14.37	14.59	14.80	14.96	15.08	15.06	15.13	15.16	15.28	0.2%
Primary Energy 1/	7.34	7.32	7.39	7.52	7.65	7.75	7.82	7.84	7.82	7.84	7.90	-0.2%
Petroleum Products 2/	7.38	7.41	7.43	7.50	7.57	7.60	7.70	7.76	7.76	7.78	7.83	-0.5%
Distillate Fuel	5.99	6.04	6.08	6.18	6.27	6.30	6.42	6.50	6.52	6.55	6.64	0.1%
Residual Fuel	3.98	4.04	4.09	4.15	4.20	4.26	4.31	4.37	4.43	4.48	4.54	-0.3%
Natural Gas	7.61	7.58	7.66	7.81	7.96	8.07	8.14	8.14	8.10	8.13	8.18	-0.2%
Electricity	18.49	18.55	18.73	18.96	19.16	19.31	19.41	19.32	19.40	19.40	19.52	0.1%
Industrial 3/	7.20	7.23	7.33	7.46	7.60	7.70	7.80	7.83	7.86	7.90	7.95	0.6%
Primary Energy	5.25	5.27	5.34	5.45	5.57	5.66	5.76	5.81	5.83	5.86	5.90	0.3%
Petroleum Products 2/	6.75	6.81	6.87	6.95	7.04	7.13	7.28	7.36	7.43	7.44	7.46	0.2%
Distillate Fuel	6.71	6.75	6.79	6.85	6.90	6.88	6.98	7.03	7.00	7.04	7.20	0.2%
Liquefied Petroleum Gas	11.76	11.87	11.95	12.05	12.19	12.34	12.51	12.59	12.69	12.79	12.77	-0.2%
Residual Fuel	3.71	3.76	3.82	3.87	3.93	3.98	4.04	4.09	4.15	4.21	4.26	-0.3%
Natural Gas 4/	5.01	4.98	5.07	5.23	5.38	5.49	5.55	5.55	5.52	5.55	5.61	-0.1%
Metallurgical Coal	1.67	1.67	1.66	1.66	1.67	1.66	1.66	1.64	1.62	1.61	1.59	-0.3%
Steam Coal	1.65	1.65	1.65	1.65	1.65	1.64	1.65	1.65	1.66	1.66	1.67	0.1%
Electricity	12.71	12.78	12.91	13.09	13.28	13.39	13.46	13.44	13.46	13.48	13.55	0.8%
Transportation	10.76	10.79	10.83	10.87	10.92	10.93	11.00	11.05	11.07	11.11	11.20	-0.1%
Primary Energy	10.75	10.78	10.82	10.86	10.91	10.92	10.99	11.04	11.06	11.10	11.18	-0.1%
Petroleum Products 2/	10.75	10.78	10.82	10.86	10.91	10.92	10.99	11.04	11.06	11.10	11.19	-0.1%
Distillate Fuel 5/	10.28	10.27	10.28	10.29	10.30	10.22	10.27	10.28	10.20	10.21	10.37	0.0%
Jet Fuel 6/	6.14	6.19	6.23	6.34	6.47	6.49	6.70	6.81	6.87	6.91	6.92	0.4%
Motor Gasoline 7/	11.81	11.85	11.90	11.95	12.00	12.05	12.10	12.15	12.20	12.26	12.31	-0.2%
Residual Fuel	3.00	3.06	3.11	3.17	3.23	3.29	3.34	3.40	3.46	3.51	3.57	-0.9%
Liquefied Petroleum Gas 8/	14.88	14.96	15.02	15.08	15.19	15.32	15.46	15.50	15.58	15.65	15.60	-0.1%
Natural Gas 9/	10.36	10.36	10.43	10.53	10.63	10.70	10.75	10.77	10.76	10.80	10.84	0.0%
Ethanol (E85) 10/	16.76	16.82	16.89	16.95	17.01	17.08	17.14	17.21	17.28	17.34	17.41	0.3%
Electricity	16.18	16.18	16.27	16.40	16.52	16.58	16.59	16.48	16.43	16.40	16.46	-0.5%
Average End-Use Energy	10.56	10.60	10.68	10.80	10.91	10.98	11.07	11.11	11.14	11.18	11.26	0.2%
Primary Energy	8.63	8.66	8.72	8.80	8.88	8.94	9.02	9.07	9.09	9.14	9.21	0.1%
Electricity	16.91	16.96	17.09	17.27	17.45	17.56	17.63	17.58	17.61	17.62	17.71	0.4%
Electric Power 11/												
Fossil Fuel Average	1.95	2.00	2.06	2.10	2.16	2.14	2.13	2.11	2.08	2.10	2.11	1.0%
Petroleum Products	4.55	4.61	4.65	4.74	4.79	4.91	5.07	5.20	5.31	5.38	5.44	-0.1%
Distillate Fuel	5.65	5.73	5.77	5.92	6.06	6.17	6.32	6.44	6.51	6.52	6.54	-0.1%
Residual Fuel	3.29	3.35	3.40	3.46	3.52	3.57	3.63	3.68	3.74	3.79	3.85	0.0%
Natural Gas	4.80	4.81	4.92	5.09	5.27	5.36	5.43	5.44	5.40	5.45	5.51	-0.2%
Steam Coal	1.26	1.25	1.26	1.28	1.28	1.29	1.31	1.31	1.33	1.34	1.35	0.2%
Average Price to All Users 12/												
Petroleum Products 2/	9.90	9.94	9.98	10.03	10.08	10.10	10.19	10.25	10.28	10.31	10.38	0.0%
Distillate Fuel	9.60	9.60	9.62	9.63	9.65	9.58	9.63	9.64	9.57	9.58	9.72	0.0%
Jet Fuel	6.14	6.19	6.23	6.34	6.47	6.49	6.70	6.81	6.87	6.91	6.92	0.4%
Liquefied Petroleum Gas	13.23	13.34	13.41	13.50	13.64	13.79	13.95	14.01	14.11	14.21	14.18	0.0%
Motor Gasoline 7/	11.79	11.84	11.89	11.94	11.99	12.04	12.09	12.14	12.19	12.24	12.30	-0.2%

Table 16. Energy Prices by Sector and Source (2003 Dollars per Million Btu, Unless Otherwise Noted) East South Central

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2003- 2025
Residual Fuel	3.37	3.42	3.48	3.54	3.60	3.65	3.70	3.76	3.81	3.87	3.93	-0.3%
Natural Gas	5.75	5.71	5.78	5.94	6.08	6.19	6.26	6.26	6.23	6.26	6.32	-0.4%
Coal	1.28	1.28	1.29	1.30	1.31	1.31	1.32	1.33	1.34	1.35	1.36	0.2%
Ethanol (E85) 10/	16.76	16.82	16.89	16.95	17.01	17.08	17.14	17.21	17.28	17.34	17.41	0.3%
Electricity	16.91	16.96	17.09	17.27	17.45	17.56	17.63	17.58	17.61	17.62	17.71	0.4%
Non-Renewable Energy Expenditures by Sector (billion 2003 dollars)												
Residential	11.04	11.10	11.18	11.33	11.46	11.58	11.63	11.64	11.67	11.74	11.79	0.7%
Commercial	8.80	9.06	9.39	9.76	10.12	10.46	10.78	11.03	11.35	11.67	12.06	2.8%
Industrial	12.22	12.30	12.58	12.95	13.31	13.60	13.86	14.01	14.18	14.36	14.56	1.4%
Transportation	24.57	24.93	25.34	25.76	26.17	26.48	26.92	27.32	27.69	28.14	28.69	1.5%
Total Non-Renewable Expenditures	56.63	57.38	58.49	59.80	61.06	62.11	63.19	63.99	64.89	65.91	67.10	1.5%
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	6.8%
Total Expenditures	56.63	57.39	58.50	59.80	61.06	62.11	63.20	64.00	64.90	65.91	67.11	1.5%

Table 16. Energy Prices by Sector and Source (2003 Dollars per Million Btu, Unless Otherwise Noted) East South Central

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

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

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

4/ Excludes use for lease and plant fuel.

5/ Diesel fuel containing 500 parts per million (ppm) or 15 ppm sulfur. Price includes Federal and State taxes while excluding county and local taxes.

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

7/ Sales weighted-average price for all grades. Includes Federal, State, and local taxes.

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

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

10/ 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 actually varies seasonally. The annual average ethanol content of 74 percent is used for this forecast.

11/ Includes electricity-only and combined heat and power plants whose primary business is to sell electricity, or electricity and heat, to the public.

12/ 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.

Note: Data for 2002 and 2003 are model results and may differ slightly from official EIA data reports.

Sources: 2002 and 2003 prices for motor gasoline, distillate, and jet fuel are based on prices in the Energy Information Administration (EIA), Petroleum Marketing Annual 2003, DOE/EIA-0487(2003) (Washington, DC, August 2004). 2002 residential and commercial natural gas delivered prices: EIA, Natural Gas Annual 2002, DOE/EIA-0131(2002) (Washington, DC, January 2004). 2003 residential and commercial natural gas delivered prices: EIA, Natural Gas Monthly, DOE/EIA-0130(2004/07) (Washington, DC, July 2004). 2002 and 2003 electric power sector natural gas prices: EIA, Electric Power Monthly, DOE/EIA-0226, May 2003 through April 2004, Table 4.11.A. 2002 and 2003 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 2002, DOE/EIA-0131(2002) (Washington, DC, January 2004) and the Natural Gas Monthly, DOE/EIA-0130(2004/07) (Washington, DC, July 2004). 2002 transportation sector natural gas delivered prices are based on: EIA, Natural Gas Annual 2002, DOE/EIA-0131(2002) (Washington, DC, January 2004) and estimated state and federal taxes. 2003 transportation sector natural gas delivered prices are model results. 2002 and 2003 coal prices based on: EIA, Quarterly Coal Report, October-December 2003, DOE/EIA-0121(2003/4Q) (Washington, DC, March 2004) and EIA, AEO2005 National Energy Modeling System run aeo2005.d102004a. 2002 and 2003 electricity prices: Annual Energy Review 2003, DOE/EIA-0384(2003) (Washington, DC, September 2004). 2002 and 2003 ethanol prices derived from weekly spot prices in the Oxy Fuel News. Projections: EIA, AEO2005 National Energy Modeling System run aeo2005.d102004a.

Table 17. Energy Prices by Sector and Source (2003 Dollars per Million Btu, Unless Otherwise Noted) West South Central

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Residential	17.07	19.15	18.89	18.95	18.11	17.57	17.00	16.98	16.78	16.80	16.91	17.11	17.39
Primary Energy 1/	8.00	9.51	10.64	10.52	9.65	9.07	8.59	8.46	8.30	8.24	8.34	8.46	8.62
Petroleum Products 2/	12.54	14.03	16.89	16.38	14.97	14.31	14.13	13.85	13.82	13.74	13.79	13.89	13.80
Distillate Fuel	6.52	7.44	8.20	7.88	7.36	6.94	6.75	6.57	6.46	6.42	6.47	6.50	6.57
Liquefied Petroleum Gas	12.63	14.15	17.06	16.58	15.15	14.48	14.29	14.01	13.98	13.90	13.96	14.05	13.96
Natural Gas	7.59	9.11	10.06	10.02	9.20	8.61	8.11	8.00	7.82	7.75	7.86	7.98	8.16
Electricity	22.97	25.22	23.96	24.02	23.18	22.67	22.06	22.10	21.86	21.93	22.03	22.22	22.54
Commercial	14.26	16.14	16.81	16.88	15.92	15.07	14.58	14.55	14.32	14.33	14.44	14.65	15.00
Primary Energy 1/	6.11	7.81	8.00	7.84	7.11	6.64	6.29	6.26	6.22	6.27	6.36	6.45	6.58
Petroleum Products 2/	7.25	8.77	9.80	9.44	8.58	8.03	7.82	7.56	7.56	7.60	7.60	7.60	7.59
Distillate Fuel	5.52	6.31	6.94	6.68	6.32	5.95	5.83	5.67	5.70	5.81	5.83	5.83	5.86
Residual Fuel	3.50	4.08	4.16	4.39	4.02	3.60	3.42	3.28	3.24	3.29	3.35	3.40	3.46
Natural Gas	5.93	7.66	7.68	7.57	6.85	6.39	6.03	6.04	5.98	6.04	6.14	6.25	6.41
Electricity	19.99	21.79	22.71	22.74	21.62	20.52	19.90	19.83	19.43	19.35	19.40	19.62	20.03
Industrial 3/	5.81	8.14	9.49	8.80	7.68	7.16	6.91	6.78	6.64	6.57	6.62	6.69	6.76
Primary Energy	5.25	7.60	8.99	8.26	7.11	6.59	6.36	6.22	6.09	6.03	6.07	6.13	6.17
Petroleum Products 2/	7.05	9.74	11.72	10.48	9.06	8.48	8.33	8.07	8.04	8.00	8.03	8.10	8.00
Distillate Fuel	5.95	6.81	7.49	7.20	6.70	6.34	6.35	6.20	6.31	6.68	6.68	6.67	6.67
Liquefied Petroleum Gas	7.95	12.15	14.65	12.42	10.79	10.12	9.93	9.65	9.62	9.54	9.60	9.69	9.60
Residual Fuel	3.53	4.11	4.20	4.43	4.16	3.75	3.56	3.43	3.38	3.44	3.49	3.55	3.61
Natural Gas 4/	3.24	5.02	5.61	5.51	4.75	4.26	3.89	3.88	3.77	3.79	3.88	3.97	4.14
Metallurgical Coal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Steam Coal	1.34	1.31	1.33	1.41	1.39	1.37	1.37	1.37	1.36	1.35	1.34	1.33	1.34
Electricity	13.38	15.14	15.79	15.79	14.98	14.21	13.74	13.71	13.41	13.31	13.40	13.59	13.92
Transportation	9.03	10.06	11.46	11.14	10.81	10.25	10.07	9.82	9.79	9.79	9.74	9.75	9.76
Primary Energy	9.01	10.04	11.44	11.12	10.80	10.23	10.05	9.80	9.78	9.77	9.73	9.74	9.74
Petroleum Products 2/	9.01	10.04	11.44	11.12	10.80	10.23	10.05	9.80	9.78	9.77	9.73	9.74	9.74
Distillate Fuel 5/	9.14	10.44	11.50	11.05	10.72	10.39	10.22	10.04	10.19	10.26	10.21	10.16	10.11
Jet Fuel 6/	5.62	5.99	7.53	7.14	6.62	6.17	6.17	6.01	5.87	5.84	5.87	5.92	5.93
Motor Gasoline 7/	10.93	12.09	13.71	13.42	13.27	12.53	12.23	11.90	11.89	11.87	11.75	11.71	11.74
Residual Fuel	3.76	4.39	4.47	4.72	4.31	3.89	3.70	3.56	3.52	3.57	3.63	3.69	3.75
Liquefied Petroleum Gas 8/	14.35	15.39	19.04	18.87	14.66	13.96	13.75	13.44	13.38	13.26	13.29	13.35	13.23
Natural Gas 9/	7.19	8.83	9.57	9.46	8.84	8.47	8.17	8.21	8.19	8.28	8.41	8.54	8.72
Ethanol (E85) 10/	14.65	16.23	19.66	19.52	20.15	18.95	18.78	18.34	17.69	17.54	17.43	17.64	17.84
Electricity	17.85	18.77	20.10	20.02	18.96	17.83	17.42	17.57	17.49	17.67	17.82	18.04	18.40
Average End-Use Energy	8.17	10.09	11.27	10.80	9.98	9.44	9.18	9.04	8.94	8.92	8.96	9.04	9.12
Primary Energy	6.65	8.52	9.87	9.33	8.50	7.98	7.76	7.59	7.52	7.49	7.51	7.57	7.61
Electricity	19.01	21.00	20.95	21.00	20.12	19.32	18.76	18.76	18.47	18.45	18.55	18.75	19.10
Electric Power 11/													
Fossil Fuel Average	2.31	3.04	3.03	2.94	2.61	2.42	2.31	2.37	2.38	2.44	2.53	2.62	2.74
Petroleum Products	4.98	5.79	6.47	6.27	5.55	5.13	4.94	4.78	4.71	4.71	4.76	4.80	4.87
Distillate Fuel	5.60	6.40	7.05	6.78	6.06	5.64	5.44	5.26	5.16	5.12	5.17	5.20	5.26
Residual Fuel	4.33	5.19	5.86	5.73	4.99	4.58	4.39	4.26	4.21	4.27	4.32	4.38	4.44
Natural Gas	3.48	5.41	5.64	5.41	4.64	4.14	3.78	3.80	3.76	3.82	3.96	4.09	4.27
Steam Coal	1.18	1.17	1.18	1.20	1.21	1.20	1.20	1.20	1.19	1.19	1.18	1.17	1.16
Average Price to All Users 12/													
Petroleum Products 2/	8.23	10.05	11.74	10.97	10.13	9.57	9.41	9.16	9.14	9.12	9.11	9.15	9.11
Distillate Fuel	8.51	9.70	10.74	10.34	9.93	9.60	9.50	9.33	9.41	9.51	9.53	9.58	9.54
Jet Fuel	5.62	5.99	7.53	7.14	6.62	6.17	6.17	6.01	5.87	5.84	5.87	5.92	5.93
Liquefied Petroleum Gas	8.06	12.20	14.71	12.53	10.89	10.22	10.04	9.76	9.73	9.65	9.71	9.80	9.71
Motor Gasoline 7/	10.93	12.09	13.71	13.42	13.25	12.51	12.22	11.88	11.88	11.86	11.74	11.70	11.72

Table 17. Energy Prices by Sector and Source (2003 Dollars per Million Btu, Unless Otherwise Noted) West South Central

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Residual Fuel	3.80	4.47	4.58	4.79	4.36	3.94	3.75	3.61	3.56	3.62	3.67	3.72	3.76
Natural Gas	3.73	5.57	6.05	5.91	5.15	4.66	4.27	4.26	4.17	4.19	4.29	4.39	4.56
Coal	1.19	1.18	1.19	1.21	1.21	1.20	1.20	1.20	1.20	1.19	1.18	1.18	1.17
Ethanol (E85) 10/	14.65	16.23	19.66	19.52	20.15	18.95	18.78	18.34	17.69	17.54	17.43	17.64	17.84
Electricity	19.01	21.00	20.95	21.00	20.12	19.32	18.76	18.76	18.47	18.45	18.55	18.75	19.10
Non-Renewable Energy Expenditures by Sector (billion 2003 dollars)													
Residential	17.91	20.37	19.95	20.65	20.09	19.95	19.81	20.16	20.31	20.69	21.20	21.68	22.32
Commercial	12.39	13.95	14.63	14.88	14.44	14.12	14.10	14.46	14.59	14.94	15.39	15.94	16.65
Industrial	36.07	48.64	57.59	55.12	48.14	44.76	43.88	43.72	43.53	43.88	44.73	45.60	46.45
Transportation	37.05	41.51	48.61	48.58	48.25	46.96	47.40	47.50	48.59	49.70	50.53	51.58	52.67
Total Non-Renewable Expenditures	103.42	124.47	140.78	139.22	130.92	125.79	125.19	125.84	127.02	129.21	131.85	134.80	138.09
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	0.01
Total Expenditures	103.42	124.47	140.78	139.23	130.93	125.80	125.20	125.84	127.02	129.21	131.86	134.80	138.10

Table 17. Energy Prices by Sector and Source (2003 Dollars per Million Btu, Unless Otherwise Noted) West South Central

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2003-2025
Residential	17.53	17.49	17.65	17.89	18.19	18.32	18.44	18.42	18.34	18.30	18.48	-0.2%
Primary Energy 1/	8.77	8.76	8.84	9.01	9.17	9.30	9.40	9.41	9.40	9.43	9.49	0.0%
Petroleum Products 2/	14.02	14.12	14.10	14.20	14.33	14.51	14.73	14.84	14.95	15.05	15.03	0.3%
Distillate Fuel	6.63	6.69	6.74	6.93	7.06	7.11	7.26	7.38	7.45	7.46	7.48	0.0%
Liquefied Petroleum Gas	14.18	14.28	14.25	14.35	14.49	14.67	14.88	14.99	15.10	15.19	15.17	0.3%
Natural Gas	8.29	8.27	8.36	8.53	8.69	8.81	8.89	8.90	8.87	8.90	8.96	-0.1%
Electricity	22.63	22.55	22.70	22.96	23.30	23.42	23.53	23.48	23.33	23.23	23.47	-0.3%
Commercial	15.22	15.24	15.45	15.74	16.10	16.31	16.50	16.55	16.51	16.47	16.72	0.2%
Primary Energy 1/	6.69	6.67	6.74	6.89	7.03	7.13	7.20	7.21	7.18	7.21	7.26	-0.3%
Petroleum Products 2/	7.63	7.67	7.68	7.76	7.84	7.86	7.97	8.04	8.05	8.08	8.13	-0.3%
Distillate Fuel	5.89	5.93	5.98	6.09	6.18	6.19	6.30	6.38	6.40	6.43	6.52	0.1%
Residual Fuel	3.52	3.57	3.62	3.68	3.74	3.79	3.85	3.90	3.95	4.01	4.07	0.0%
Natural Gas	6.53	6.50	6.58	6.74	6.89	7.00	7.07	7.07	7.04	7.07	7.12	-0.3%
Electricity	20.24	20.24	20.47	20.79	21.22	21.45	21.65	21.68	21.59	21.48	21.79	0.0%
Industrial 3/	6.92	6.95	7.01	7.16	7.31	7.45	7.59	7.64	7.66	7.71	7.75	-0.2%
Primary Energy	6.33	6.37	6.42	6.54	6.68	6.82	6.96	7.02	7.05	7.11	7.13	-0.3%
Petroleum Products 2/	8.17	8.26	8.26	8.33	8.45	8.59	8.80	8.90	8.99	9.05	9.04	-0.3%
Distillate Fuel	6.67	6.70	6.75	6.81	6.87	6.83	6.93	6.98	6.95	7.00	7.15	0.2%
Liquefied Petroleum Gas	9.82	9.93	9.90	9.99	10.13	10.31	10.52	10.63	10.74	10.83	10.81	-0.5%
Residual Fuel	3.66	3.72	3.77	3.82	3.88	3.94	3.99	4.05	4.10	4.15	4.21	0.1%
Natural Gas 4/	4.26	4.23	4.32	4.49	4.64	4.75	4.81	4.81	4.78	4.82	4.88	-0.1%
Metallurgical Coal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Steam Coal	1.34	1.35	1.38	1.39	1.40	1.40	1.40	1.40	1.48	1.46	1.43	0.4%
Electricity	14.10	14.09	14.27	14.58	14.95	15.14	15.28	15.30	15.21	15.17	15.38	0.1%
Transportation	9.78	9.82	9.86	9.91	9.97	9.99	10.08	10.14	10.16	10.21	10.31	0.1%
Primary Energy	9.77	9.80	9.84	9.89	9.95	9.97	10.06	10.12	10.14	10.19	10.29	0.1%
Petroleum Products 2/	9.77	9.81	9.84	9.89	9.95	9.97	10.06	10.12	10.15	10.20	10.29	0.1%
Distillate Fuel 5/	10.07	10.07	10.08	10.08	10.09	10.01	10.07	10.07	9.99	10.01	10.16	-0.1%
Jet Fuel 6/	5.95	6.00	6.03	6.14	6.26	6.29	6.49	6.60	6.65	6.70	6.75	0.5%
Motor Gasoline 7/	11.79	11.83	11.87	11.92	11.97	12.02	12.07	12.12	12.17	12.22	12.27	0.1%
Residual Fuel	3.80	3.86	3.91	3.97	4.03	4.09	4.14	4.20	4.25	4.31	4.37	0.0%
Liquefied Petroleum Gas 8/	13.42	13.50	13.44	13.50	13.61	13.76	13.94	14.02	14.10	14.17	14.11	-0.4%
Natural Gas 9/	8.86	8.84	8.93	9.08	9.22	9.31	9.37	9.35	9.31	9.32	9.35	0.3%
Ethanol (E85) 10/	17.92	17.61	17.50	17.38	17.29	17.19	17.48	17.81	17.91	18.05	18.14	0.5%
Electricity	18.54	18.50	18.67	18.96	19.30	19.45	19.55	19.50	19.37	19.30	19.52	0.2%
Average End-Use Energy	9.25	9.29	9.37	9.50	9.66	9.77	9.90	9.96	9.98	10.03	10.12	0.0%
Primary Energy	7.72	7.76	7.81	7.92	8.03	8.13	8.25	8.31	8.34	8.40	8.46	0.0%
Electricity	19.27	19.26	19.45	19.74	20.14	20.33	20.50	20.52	20.43	20.36	20.63	-0.1%
Electric Power 11/												
Fossil Fuel Average	2.82	2.82	2.88	2.99	3.09	3.15	3.19	3.20	3.14	3.14	3.15	0.2%
Petroleum Products	4.92	4.98	5.03	5.16	5.09	5.15	5.24	5.32	5.59	5.63	5.49	-0.2%
Distillate Fuel	5.32	5.38	5.44	5.62	5.75	5.81	5.95	6.08	6.15	6.16	6.17	-0.2%
Residual Fuel	4.49	4.55	4.60	4.66	4.72	4.77	4.82	4.88	4.93	4.99	5.05	-0.1%
Natural Gas	4.40	4.38	4.47	4.64	4.80	4.91	4.98	4.99	4.96	5.00	5.05	-0.3%
Steam Coal	1.16	1.16	1.15	1.15	1.15	1.14	1.14	1.15	1.17	1.18	1.19	0.1%
Average Price to All Users 12/												
Petroleum Products 2/	9.20	9.27	9.29	9.36	9.44	9.51	9.66	9.74	9.80	9.86	9.90	-0.1%
Distillate Fuel	9.52	9.52	9.54	9.56	9.58	9.51	9.58	9.59	9.53	9.55	9.70	0.0%
Jet Fuel	5.95	6.00	6.03	6.14	6.26	6.29	6.49	6.60	6.65	6.70	6.75	0.5%
Liquefied Petroleum Gas	9.93	10.04	10.01	10.10	10.24	10.42	10.63	10.75	10.85	10.95	10.93	-0.5%
Motor Gasoline 7/	11.77	11.82	11.86	11.91	11.96	12.00	12.05	12.10	12.15	12.20	12.25	0.1%

Table 17. Energy Prices by Sector and Source (2003 Dollars per Million Btu, Unless Otherwise Noted) West South Central

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2003-2025
Residual Fuel	3.82	3.88	3.93	3.98	4.08	4.14	4.20	4.26	4.26	4.32	4.42	-0.1%
Natural Gas	4.69	4.66	4.75	4.92	5.07	5.19	5.25	5.26	5.24	5.27	5.33	-0.2%
Coal	1.17	1.16	1.16	1.16	1.16	1.15	1.15	1.16	1.18	1.19	1.20	0.1%
Ethanol (E85) 10/	17.92	17.61	17.50	17.38	17.29	17.19	17.48	17.81	17.91	18.05	18.14	0.5%
Electricity	19.27	19.26	19.45	19.74	20.14	20.33	20.50	20.52	20.43	20.36	20.63	-0.1%
Non-Renewable Energy Expenditures by Sector (billion 2003 dollars)												
Residential	22.78	23.08	23.53	24.15	24.83	25.38	25.81	26.16	26.45	26.86	27.46	1.4%
Commercial	17.23	17.63	18.27	18.99	19.78	20.41	21.06	21.57	21.99	22.45	23.29	2.4%
Industrial	47.66	47.97	48.92	50.43	52.07	53.50	54.94	55.72	56.37	57.14	57.84	0.8%
Transportation	53.78	54.86	56.07	57.38	58.71	59.72	61.16	62.46	63.62	64.98	66.60	2.2%
Total Non-Renewable Expenditures	141.45	143.55	146.78	150.96	155.38	159.01	162.98	165.91	168.42	171.43	175.19	1.6%
Transportation Renewable Expenditures	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	7.6%
Total Expenditures	141.46	143.55	146.79	150.96	155.39	159.02	162.99	165.92	168.43	171.44	175.20	1.6%

Table 17. Energy Prices by Sector and Source (2003 Dollars per Million Btu, Unless Otherwise Noted) West South Central

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

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

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

4/ Excludes use for lease and plant fuel.

5/ Diesel fuel containing 500 parts per million (ppm) or 15 ppm sulfur. Price includes Federal and State taxes while excluding county and local taxes.

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

7/ Sales weighted-average price for all grades. Includes Federal, State, and local taxes.

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

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

10/ 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 actually varies seasonally. The annual average ethanol content of 74 percent is used for this forecast.

11/ Includes electricity-only and combined heat and power plants whose primary business is to sell electricity, or electricity and heat, to the public.

12/ 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.

Note: Data for 2002 and 2003 are model results and may differ slightly from official EIA data reports.

Sources: 2002 and 2003 prices for motor gasoline, distillate, and jet fuel are based on prices in the Energy Information Administration (EIA), Petroleum Marketing Annual 2003, DOE/EIA-0487(2003) (Washington, DC, August 2004). 2002 residential and commercial natural gas delivered prices: EIA, Natural Gas Annual 2002, DOE/EIA-0131(2002) (Washington, DC, January 2004). 2003 residential and commercial natural gas delivered prices: EIA, Natural Gas Monthly, DOE/EIA-0130(2004/07) (Washington, DC, July 2004). 2002 and 2003 electric power sector natural gas prices: EIA, Electric Power Monthly, DOE/EIA-0226, May 2003 through April 2004, Table 4.11.A. 2002 and 2003 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 2002, DOE/EIA-0131(2002) (Washington, DC, January 2004) and the Natural Gas Monthly, DOE/EIA-0130(2004/07) (Washington, DC, July 2004). 2002 transportation sector natural gas delivered prices are based on: EIA, Natural Gas Annual 2002, DOE/EIA-0131(2002) (Washington, DC, January 2004) and estimated state and federal taxes. 2003 transportation sector natural gas delivered prices are model results. 2002 and 2003 coal prices based on: EIA, Quarterly Coal Report, October-December 2003, DOE/EIA-0121(2003/4Q) (Washington, DC, March 2004) and EIA, AEO2005 National Energy Modeling System run aeo2005.d102004a. 2002 and 2003 electricity prices: Annual Energy Review 2003, DOE/EIA-0384(2003) (Washington, DC, September 2004). 2002 and 2003 ethanol prices derived from weekly spot prices in the Oxy Fuel News. Projections: EIA, AEO2005 National Energy Modeling System run aeo2005.d102004a.

Table 18. Energy Prices by Sector and Source (2003 Dollars per Million Btu, Unless Otherwise Noted) Mountain

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Residential	13.87	14.38	15.12	15.49	14.93	14.29	13.78	13.38	13.09	12.96	13.14	13.37	13.50
Primary Energy 1/	7.65	8.17	9.30	9.52	9.00	8.53	7.99	7.56	7.28	7.14	7.26	7.39	7.48
Petroleum Products 2/	11.51	12.91	15.47	14.95	13.65	13.02	12.78	12.52	12.47	12.32	12.37	12.47	12.10
Distillate Fuel	7.78	8.89	9.79	9.40	9.71	9.11	8.42	8.15	8.04	7.96	7.89	7.91	7.89
Liquefied Petroleum Gas	12.13	13.60	16.39	15.93	14.32	13.65	13.46	13.18	13.13	12.95	13.01	13.10	12.66
Natural Gas	7.08	7.53	8.45	8.85	8.44	7.98	7.42	6.98	6.68	6.55	6.68	6.82	6.96
Electricity	23.49	23.50	24.06	24.71	24.09	23.24	22.84	22.61	22.43	22.39	22.70	23.07	23.26
Commercial	13.24	13.66	14.56	14.89	14.56	14.02	13.63	13.32	13.08	13.01	13.27	13.63	13.87
Primary Energy 1/	6.05	6.46	7.15	7.42	7.22	6.87	6.49	6.20	6.02	6.00	6.09	6.21	6.29
Petroleum Products 2/	7.63	8.70	9.64	9.29	9.66	9.05	8.78	8.53	8.28	8.27	8.25	8.34	8.15
Distillate Fuel	6.26	7.15	7.88	7.56	8.21	7.65	7.40	7.20	6.93	6.96	6.94	7.03	6.90
Residual Fuel	3.42	3.98	4.05	4.29	4.16	3.75	3.56	3.43	3.39	3.44	3.49	3.55	3.60
Natural Gas	6.02	6.38	7.05	7.43	7.14	6.80	6.38	6.06	5.89	5.86	5.98	6.11	6.23
Electricity	19.85	20.05	21.31	21.59	21.02	20.26	19.82	19.47	19.14	18.99	19.30	19.78	20.07
Industrial 3/	7.26	7.93	8.91	9.05	8.86	8.41	8.23	7.99	7.74	7.70	7.78	7.94	7.99
Primary Energy	5.01	5.84	6.68	6.76	6.67	6.27	6.13	5.90	5.67	5.69	5.74	5.83	5.83
Petroleum Products 2/	6.48	7.47	8.60	8.46	8.42	7.86	7.80	7.54	7.23	7.31	7.29	7.36	7.24
Distillate Fuel	6.55	7.49	8.24	7.91	8.41	7.90	8.12	7.93	7.53	7.82	7.84	7.97	7.76
Liquefied Petroleum Gas	9.01	12.02	14.48	14.08	11.04	10.36	10.17	9.89	9.85	9.67	9.72	9.82	9.38
Residual Fuel	3.82	4.45	4.53	4.79	4.55	4.14	3.96	3.82	3.78	3.83	3.88	3.94	3.99
Natural Gas 4/	4.50	5.43	6.23	6.66	6.34	5.97	5.54	5.21	4.99	4.94	5.05	5.17	5.29
Metallurgical Coal	1.77	1.77	1.76	1.72	1.69	1.65	1.63	1.63	1.61	1.61	1.62	1.62	1.63
Steam Coal	1.55	1.54	1.55	1.56	1.55	1.52	1.52	1.50	1.48	1.46	1.44	1.43	1.42
Electricity	14.51	14.68	16.06	16.34	15.86	15.29	14.99	14.72	14.43	14.23	14.44	14.77	15.00
Transportation	10.66	11.48	12.99	12.65	14.20	13.39	13.37	13.10	12.43	12.31	12.29	12.47	12.21
Primary Energy	10.64	11.46	12.97	12.62	14.18	13.37	13.36	13.09	12.42	12.29	12.27	12.45	12.18
Petroleum Products 2/	10.64	11.47	12.97	12.63	14.19	13.38	13.37	13.10	12.42	12.30	12.28	12.46	12.19
Distillate Fuel 5/	9.90	11.32	12.47	11.98	13.06	12.54	12.54	12.41	11.91	11.88	11.88	12.00	11.72
Jet Fuel 6/	6.62	7.07	8.88	8.40	8.98	8.19	8.44	8.20	7.27	7.08	7.13	7.26	6.94
Motor Gasoline 7/	11.79	12.44	14.09	13.80	15.88	14.93	14.84	14.52	13.84	13.71	13.63	13.78	13.53
Residual Fuel	3.61	3.48	3.51	3.52	3.54	3.55	3.56	3.58	3.60	3.61	3.63	3.65	3.67
Liquefied Petroleum Gas 8/	14.61	16.02	19.81	19.62	15.62	14.92	14.70	14.39	14.31	14.10	14.12	14.18	13.72
Natural Gas 9/	6.84	8.31	9.24	9.70	9.54	9.32	8.98	8.73	8.59	8.60	8.75	8.91	9.06
Ethanol (E85) 10/	14.65	16.23	19.66	26.58	19.77	18.51	18.42	17.99	17.09	16.90	16.80	17.09	17.19
Electricity	18.08	18.31	19.90	20.49	19.91	19.19	18.87	18.66	18.52	18.49	18.77	19.13	19.34
Average End-Use Energy	10.75	11.44	12.62	12.61	13.13	12.48	12.29	12.01	11.58	11.49	11.58	11.79	11.74
Primary Energy	8.59	9.37	10.61	10.51	11.29	10.65	10.50	10.22	9.74	9.66	9.69	9.85	9.73
Electricity	19.56	19.74	20.77	21.19	20.63	19.90	19.53	19.25	19.00	18.89	19.19	19.60	19.84
Electric Power 11/													
Fossil Fuel Average	1.46	1.66	2.26	2.18	2.14	2.05	2.03	2.04	2.03	2.05	2.09	2.12	2.10
Petroleum Products	6.48	7.43	8.18	7.86	8.12	7.52	6.83	6.55	6.45	6.36	6.30	6.31	6.29
Distillate Fuel	6.50	7.43	8.18	7.86	8.12	7.52	6.83	6.55	6.45	6.36	6.30	6.31	6.29
Residual Fuel	4.57	5.48	6.19	6.07	5.23	4.82	4.63	4.50	4.45	4.51	4.56	4.62	4.67
Natural Gas	3.47	4.95	6.04	6.37	6.09	5.73	5.33	5.05	4.86	4.82	4.96	5.11	5.22
Steam Coal	1.07	1.08	1.09	1.09	1.09	1.09	1.08	1.08	1.04	1.02	1.01	1.01	1.02
Average Price to All Users 12/													
Petroleum Products 2/	9.99	10.85	12.30	11.98	13.20	12.44	12.40	12.14	11.56	11.48	11.47	11.63	11.39
Distillate Fuel	9.11	10.41	11.41	10.98	11.85	11.35	11.42	11.26	10.77	10.76	10.82	11.04	10.80
Jet Fuel	6.62	7.07	8.88	8.40	8.98	8.19	8.44	8.20	7.27	7.08	7.13	7.26	6.94
Liquefied Petroleum Gas	11.16	13.10	15.73	15.30	13.30	12.65	12.47	12.20	12.17	12.01	12.07	12.17	11.73
Motor Gasoline 7/	11.79	12.44	14.09	13.80	15.86	14.91	14.82	14.50	13.82	13.70	13.62	13.77	13.51

Table 18. Energy Prices by Sector and Source (2003 Dollars per Million Btu, Unless Otherwise Noted) Mountain

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Residual Fuel	3.83	4.40	4.49	4.76	4.55	4.14	3.95	3.82	3.77	3.83	3.88	3.93	3.99
Natural Gas	5.19	6.07	6.83	7.27	6.94	6.57	6.10	5.74	5.51	5.43	5.57	5.71	5.84
Coal	1.09	1.10	1.12	1.12	1.12	1.11	1.10	1.10	1.06	1.04	1.03	1.03	1.04
Ethanol (E85) 10/	14.65	16.23	19.66	26.58	19.77	18.51	18.42	17.99	17.09	16.90	16.80	17.09	17.19
Electricity	19.56	19.74	20.77	21.19	20.63	19.90	19.53	19.25	19.00	18.89	19.19	19.60	19.84
Non-Renewable Energy Expenditures by Sector (billion 2003 dollars)													
Residential	9.47	9.83	10.69	11.30	11.12	10.98	10.99	11.02	11.16	11.37	11.83	12.24	12.61
Commercial	7.17	7.40	8.10	8.41	8.42	8.37	8.43	8.52	8.64	8.86	9.27	9.75	10.16
Industrial	6.15	6.58	7.55	7.79	7.64	7.36	7.31	7.20	7.05	7.09	7.24	7.45	7.61
Transportation	18.94	20.62	24.06	24.21	27.71	26.80	27.51	27.70	27.01	27.43	28.03	29.04	29.11
Total Non-Renewable Expenditures	41.74	44.43	50.39	51.70	54.90	53.52	54.25	54.45	53.86	54.75	56.37	58.48	59.48
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	41.74	44.43	50.39	51.70	54.90	53.52	54.25	54.45	53.86	54.75	56.37	58.48	59.48

Table 18. Energy Prices by Sector and Source (2003 Dollars per Million Btu, Unless Otherwise Noted) Mountain

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2003-2025
Residential	13.64	13.49	13.26	13.27	13.55	13.85	14.13	14.22	14.32	14.46	14.59	0.1%
Primary Energy 1/	7.66	7.58	7.36	7.33	7.58	7.85	8.06	8.14	8.23	8.33	8.46	0.2%
Petroleum Products 2/	12.20	12.75	12.85	12.36	12.68	12.98	13.43	13.58	13.71	13.54	13.80	0.3%
Distillate Fuel	7.98	8.12	8.18	8.36	8.52	8.68	8.89	9.02	9.18	9.05	8.96	0.0%
Liquefied Petroleum Gas	12.75	13.33	13.42	12.83	13.15	13.44	13.91	14.04	14.15	13.95	14.22	0.2%
Natural Gas	7.14	7.01	6.75	6.78	7.03	7.29	7.47	7.55	7.64	7.78	7.89	0.2%
Electricity	23.30	23.01	22.81	22.89	23.21	23.51	23.85	23.92	23.99	24.17	24.24	0.1%
Commercial	14.07	13.93	13.75	13.83	14.14	14.47	14.81	14.94	15.09	15.29	15.44	0.6%
Primary Energy 1/	6.43	6.31	6.10	6.11	6.31	6.54	6.70	6.76	6.84	6.94	7.03	0.4%
Petroleum Products 2/	8.19	8.33	8.45	8.42	8.56	8.69	8.86	8.97	9.13	8.97	9.10	0.2%
Distillate Fuel	6.95	6.99	7.11	7.22	7.33	7.42	7.53	7.63	7.80	7.66	7.77	0.4%
Residual Fuel	3.66	3.71	3.77	3.82	3.87	3.93	3.99	4.04	4.10	4.16	4.21	0.3%
Natural Gas	6.39	6.23	5.96	5.98	6.21	6.46	6.62	6.68	6.75	6.87	6.97	0.4%
Electricity	20.23	20.00	19.81	19.90	20.22	20.53	20.93	21.04	21.19	21.39	21.52	0.3%
Industrial 3/	8.08	8.02	7.97	8.02	8.21	8.39	8.56	8.66	8.78	8.88	9.04	0.6%
Primary Energy	5.91	5.91	5.89	5.93	6.09	6.24	6.36	6.45	6.58	6.63	6.81	0.7%
Petroleum Products 2/	7.28	7.35	7.46	7.49	7.61	7.72	7.81	7.91	8.06	8.07	8.32	0.5%
Distillate Fuel	7.78	7.75	7.91	7.98	8.04	8.08	8.11	8.20	8.38	8.23	8.48	0.6%
Liquefied Petroleum Gas	9.46	10.05	10.13	9.54	9.86	10.16	10.62	10.76	10.86	10.66	10.93	-0.4%
Residual Fuel	4.05	4.10	4.16	4.21	4.27	4.32	4.38	4.43	4.49	4.55	4.60	0.2%
Natural Gas 4/	5.44	5.28	5.03	5.07	5.29	5.53	5.69	5.74	5.82	5.95	6.04	0.5%
Metallurgical Coal	1.63	1.63	1.62	1.62	1.61	1.61	1.60	1.59	1.58	1.57	1.56	-0.6%
Steam Coal	1.42	1.41	1.44	1.44	1.45	1.45	1.46	1.46	1.55	1.55	1.52	-0.1%
Electricity	15.10	14.88	14.72	14.81	15.07	15.33	15.65	15.77	15.82	16.01	16.05	0.4%
Transportation	12.24	12.22	12.35	12.37	12.43	12.51	12.49	12.59	12.82	12.68	12.89	0.5%
Primary Energy	12.22	12.20	12.33	12.35	12.41	12.49	12.47	12.56	12.80	12.65	12.86	0.5%
Petroleum Products 2/	12.23	12.21	12.34	12.36	12.42	12.50	12.48	12.57	12.81	12.66	12.87	0.5%
Distillate Fuel 5/	11.70	11.60	11.76	11.76	11.77	11.76	11.72	11.79	11.93	11.74	12.02	0.3%
Jet Fuel 6/	6.98	7.03	6.99	7.01	7.11	7.24	7.27	7.40	7.68	7.48	7.53	0.3%
Motor Gasoline 7/	13.59	13.57	13.73	13.75	13.81	13.93	13.88	13.98	14.25	14.11	14.31	0.6%
Residual Fuel	3.69	3.71	3.73	3.74	3.76	3.78	4.73	4.73	4.73	4.73	4.73	1.4%
Liquefied Petroleum Gas 8/	13.77	14.33	14.38	13.77	14.05	14.32	14.76	14.86	14.93	14.71	14.95	-0.3%
Natural Gas 9/	9.22	9.07	8.81	8.84	9.05	9.29	9.45	9.50	9.57	9.69	9.78	0.7%
Ethanol (E85) 10/	17.27	17.32	17.40	17.48	17.03	17.19	17.66	17.63	17.91	17.98	18.17	0.5%
Electricity	19.40	19.13	18.92	18.97	19.24	19.53	19.82	19.86	19.90	20.08	20.10	0.4%
Average End-Use Energy	11.84	11.78	11.77	11.81	11.98	12.16	12.29	12.39	12.57	12.58	12.76	0.5%
Primary Energy	9.81	9.78	9.81	9.82	9.94	10.09	10.14	10.24	10.42	10.37	10.56	0.5%
Electricity	19.96	19.73	19.55	19.64	19.95	20.24	20.60	20.70	20.80	21.00	21.08	0.3%
Electric Power 11/												
Fossil Fuel Average	2.08	1.99	1.93	1.91	1.89	1.89	1.89	1.87	1.94	1.92	1.86	0.5%
Petroleum Products	6.38	6.52	6.58	6.76	6.92	7.09	7.30	7.42	7.58	7.45	7.36	0.0%
Distillate Fuel	6.38	6.53	6.58	6.77	6.92	7.09	7.30	7.42	7.58	7.45	7.36	0.0%
Residual Fuel	4.73	4.78	4.84	4.89	4.94	5.00	5.06	5.11	5.17	5.23	5.28	-0.2%
Natural Gas	5.32	5.11	4.85	4.85	5.04	5.27	5.43	5.48	5.55	5.68	5.78	0.7%
Steam Coal	1.03	1.04	1.08	1.09	1.12	1.14	1.16	1.18	1.32	1.32	1.29	0.8%
Average Price to All Users 12/												
Petroleum Products 2/	11.43	11.44	11.57	11.58	11.65	11.75	11.75	11.84	12.07	11.94	12.15	0.5%
Distillate Fuel	10.78	10.71	10.86	10.89	10.92	10.92	10.91	10.97	11.12	10.94	11.20	0.3%
Jet Fuel	6.98	7.03	6.99	7.01	7.11	7.24	7.27	7.40	7.68	7.48	7.53	0.3%
Liquefied Petroleum Gas	11.82	12.40	12.48	11.90	12.22	12.51	12.97	13.10	13.21	12.87	13.02	0.0%
Motor Gasoline 7/	13.57	13.55	13.71	13.73	13.79	13.91	13.87	13.96	14.23	14.09	14.29	0.6%

Table 18. Energy Prices by Sector and Source (2003 Dollars per Million Btu, Unless Otherwise Noted) Mountain

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2003- 2025
Residual Fuel	4.04	4.10	4.15	4.21	4.26	4.32	4.37	4.43	4.49	4.54	4.60	0.2%
Natural Gas	6.00	5.84	5.58	5.62	5.86	6.13	6.31	6.39	6.48	6.63	6.75	0.5%
Coal	1.04	1.05	1.09	1.11	1.13	1.15	1.17	1.19	1.33	1.33	1.30	0.8%
Ethanol (E85) 10/	17.27	17.32	17.40	17.48	17.03	17.19	17.66	17.63	17.91	17.98	18.17	0.5%
Electricity	19.96	19.73	19.55	19.64	19.95	20.24	20.60	20.70	20.80	21.00	21.08	0.3%
Non-Renewable Energy Expenditures by Sector (billion 2003 dollars)												
Residential	12.97	13.13	13.19	13.49	14.02	14.58	15.03	15.35	15.71	16.16	16.50	2.4%
Commercial	10.56	10.74	10.93	11.31	11.84	12.36	12.91	13.33	13.80	14.34	14.88	3.2%
Industrial	7.78	7.78	7.84	8.03	8.35	8.67	8.97	9.21	9.47	9.74	10.04	1.9%
Transportation	29.82	30.32	31.28	31.94	32.69	33.50	34.01	34.87	36.17	36.44	37.72	2.8%
Total Non-Renewable Expenditures	61.12	61.98	63.24	64.77	66.91	69.10	70.93	72.76	75.15	76.68	79.14	2.7%
Transportation Renewable Expenditures	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	7.8%
Total Expenditures	61.13	61.98	63.24	64.77	66.91	69.10	70.93	72.77	75.16	76.68	79.14	2.7%

Table 18. Energy Prices by Sector and Source (2003 Dollars per Million Btu, Unless Otherwise Noted) Mountain

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

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

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

4/ Excludes use for lease and plant fuel.

5/ Diesel fuel containing 500 parts per million (ppm) or 15 ppm sulfur. Price includes Federal and State taxes while excluding county and local taxes.

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

7/ Sales weighted-average price for all grades. Includes Federal, State, and local taxes.

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

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

10/ 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 actually varies seasonally. The annual average ethanol content of 74 percent is used for this forecast.

11/ Includes electricity-only and combined heat and power plants whose primary business is to sell electricity, or electricity and heat, to the public.

12/ 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.

Note: Data for 2002 and 2003 are model results and may differ slightly from official EIA data reports.

Sources: 2002 and 2003 prices for motor gasoline, distillate, and jet fuel are based on prices in the Energy Information Administration (EIA), Petroleum Marketing Annual 2003, DOE/EIA-0487(2003) (Washington, DC, August 2004). 2002 residential and commercial natural gas delivered prices: EIA, Natural Gas Annual 2002, DOE/EIA-0131(2002) (Washington, DC, January 2004). 2003 residential and commercial natural gas delivered prices: EIA, Natural Gas Monthly, DOE/EIA-0130(2004/07) (Washington, DC, July 2004). 2002 and 2003 electric power sector natural gas prices: EIA, Electric Power Monthly, DOE/EIA-0226, May 2003 through April 2004, Table 4.11.A. 2002 and 2003 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 2002, DOE/EIA-0131(2002) (Washington, DC, January 2004) and the Natural Gas Monthly, DOE/EIA-0130(2004/07) (Washington, DC, July 2004). 2002 transportation sector natural gas delivered prices are based on: EIA, Natural Gas Annual 2002, DOE/EIA-0131(2002) (Washington, DC, January 2004) and estimated state and federal taxes. 2003 transportation sector natural gas delivered prices are model results. 2002 and 2003 coal prices based on: EIA, Quarterly Coal Report, October-December 2003, DOE/EIA-0121(2003/4Q) (Washington, DC, March 2004) and EIA, AEO2005 National Energy Modeling System run aeo2005.d102004a. 2002 and 2003 electricity prices: Annual Energy Review 2003, DOE/EIA-0384(2003) (Washington, DC, September 2004). 2002 and 2003 ethanol prices derived from weekly spot prices in the Oxy Fuel News. Projections: EIA, AEO2005 National Energy Modeling System run aeo2005.d102004a.

Table 19. Energy Prices by Sector and Source (2003 Dollars per Million Btu, Unless Otherwise Noted) Pacific

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Residential	16.77	17.02	17.46	17.49	16.90	16.41	15.68	15.35	15.05	14.79	14.75	14.90	15.07
Primary Energy 1/	7.76	9.08	9.95	10.18	9.57	9.19	8.75	8.36	8.08	7.95	8.01	8.14	8.28
Petroleum Products 2/	11.66	13.20	15.57	14.82	11.98	11.92	11.79	11.72	11.67	11.88	11.96	12.03	12.11
Distillate Fuel	8.54	9.77	10.74	10.32	9.42	9.11	8.93	8.82	8.66	8.74	8.76	8.80	8.84
Liquefied Petroleum Gas	15.57	17.45	21.04	20.43	15.10	15.17	14.98	14.85	14.81	15.05	15.11	15.09	15.11
Natural Gas	7.44	8.76	9.52	9.84	9.39	8.99	8.53	8.11	7.81	7.67	7.72	7.86	8.01
Electricity	31.20	29.10	28.66	28.71	28.08	27.41	26.19	25.93	25.62	25.12	24.85	24.91	25.02
Commercial	21.90	20.56	19.79	19.65	19.07	18.59	17.91	17.62	17.39	17.15	17.08	17.20	17.33
Primary Energy 1/	6.47	7.57	8.25	8.50	8.07	7.81	7.53	7.27	7.10	7.09	7.13	7.23	7.33
Petroleum Products 2/	7.49	8.78	9.76	9.49	8.22	7.92	7.81	7.69	7.60	7.73	7.81	7.89	7.93
Distillate Fuel	6.31	7.21	7.95	7.63	7.11	6.88	6.78	6.68	6.65	6.77	6.87	6.97	7.02
Residual Fuel	4.08	4.75	4.85	5.11	4.70	4.28	4.10	3.96	3.92	3.97	4.03	4.08	4.13
Natural Gas	6.40	7.51	8.15	8.49	8.18	7.92	7.60	7.31	7.12	7.08	7.11	7.22	7.33
Electricity	34.01	30.19	28.25	27.81	27.01	26.26	25.21	24.84	24.51	24.01	23.79	23.82	23.87
Industrial 3/	7.78	8.78	9.25	9.33	8.76	8.47	8.28	8.08	7.90	7.89	7.91	7.97	8.07
Primary Energy	5.16	6.51	7.26	7.35	6.80	6.56	6.39	6.18	6.00	6.06	6.12	6.16	6.26
Petroleum Products 2/	6.40	7.69	8.87	8.73	7.75	7.54	7.52	7.36	7.19	7.34	7.39	7.36	7.40
Distillate Fuel	6.69	7.65	8.41	8.08	7.44	7.30	7.36	7.28	7.34	7.54	7.71	7.84	7.91
Liquefied Petroleum Gas	11.95	15.93	19.22	18.67	11.63	11.69	11.50	11.38	11.34	11.58	11.63	11.62	11.64
Residual Fuel	4.01	4.66	4.76	5.02	4.70	4.28	4.10	3.96	3.92	3.97	4.03	4.08	4.13
Natural Gas 4/	4.06	5.48	5.75	6.13	5.97	5.66	5.31	5.03	4.83	4.78	4.82	4.94	5.07
Metallurgical Coal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Steam Coal	1.83	1.79	1.80	1.83	1.83	1.81	1.81	1.78	1.76	1.74	1.72	1.73	1.75
Electricity	24.67	23.24	21.95	21.87	21.25	20.64	20.33	20.05	19.75	19.28	19.04	19.08	19.17
Transportation	10.14	12.07	13.76	13.40	11.74	11.36	11.42	11.39	11.08	11.22	11.24	11.33	11.39
Primary Energy	10.10	12.03	13.73	13.37	11.70	11.33	11.39	11.36	11.04	11.19	11.21	11.30	11.36
Petroleum Products 2/	10.10	12.04	13.73	13.37	11.71	11.33	11.39	11.37	11.05	11.20	11.22	11.31	11.37
Distillate Fuel 5/	10.40	11.89	13.08	12.57	11.85	11.70	11.52	11.38	11.44	11.50	11.66	11.76	11.81
Jet Fuel 6/	6.34	6.76	8.50	8.05	7.06	6.72	6.65	6.59	6.50	6.52	6.54	6.56	6.59
Motor Gasoline 7/	12.02	14.68	16.64	16.29	14.01	13.55	13.72	13.74	13.22	13.46	13.44	13.52	13.59
Residual Fuel	4.00	4.65	4.75	5.01	4.63	4.21	4.02	3.88	3.84	3.89	3.95	4.00	4.05
Liquefied Petroleum Gas 8/	15.06	16.31	20.17	19.98	13.83	13.87	13.65	13.50	13.43	13.63	13.66	13.61	13.60
Natural Gas 9/	5.50	7.59	8.14	8.57	8.40	8.26	8.02	7.79	7.67	7.70	7.81	7.98	8.15
Ethanol (E85) 10/	14.65	16.23	19.66	18.44	18.51	17.48	17.46	17.17	16.48	16.47	16.48	16.75	17.01
Electricity	26.24	24.02	25.22	25.19	24.42	23.67	23.23	22.85	22.48	21.93	21.63	21.60	21.63
Average End-Use Energy	11.75	12.88	13.79	13.63	12.46	12.09	11.91	11.78	11.53	11.55	11.57	11.68	11.78
Primary Energy	8.37	10.08	11.39	11.25	10.01	9.69	9.63	9.53	9.28	9.38	9.43	9.52	9.61
Electricity	30.83	28.22	26.96	26.78	26.04	25.35	24.43	24.13	23.82	23.34	23.11	23.16	23.25
Electric Power 11/													
Fossil Fuel Average	3.35	4.29	5.55	5.69	5.35	5.12	4.91	4.68	4.56	4.56	4.63	4.74	4.83
Petroleum Products	4.88	5.80	6.58	6.41	6.01	5.63	5.41	5.29	5.25	5.31	5.36	5.42	5.47
Distillate Fuel	6.01	6.86	7.56	7.27	6.57	6.25	6.07	5.96	5.80	5.88	5.90	5.95	5.98
Residual Fuel	4.69	5.62	6.35	6.21	5.86	5.45	5.26	5.13	5.09	5.14	5.19	5.25	5.30
Natural Gas	3.69	4.90	6.26	6.53	6.12	5.83	5.52	5.21	5.02	5.00	5.06	5.19	5.29
Steam Coal	1.44	1.55	1.54	1.52	1.53	1.53	1.53	1.53	1.50	1.49	1.48	1.47	1.46
Average Price to All Users 12/													
Petroleum Products 2/	9.51	11.31	12.81	12.50	10.95	10.62	10.66	10.61	10.34	10.49	10.52	10.59	10.65
Distillate Fuel	9.51	10.87	11.91	11.47	10.70	10.54	10.48	10.36	10.37	10.46	10.61	10.77	10.81
Jet Fuel	6.34	6.76	8.50	8.05	7.06	6.72	6.65	6.59	6.50	6.52	6.54	6.56	6.59
Liquefied Petroleum Gas	13.48	16.50	19.85	19.29	12.77	12.84	12.64	12.49	12.43	12.65	12.68	12.64	12.63
Motor Gasoline 7/	12.02	14.68	16.64	16.29	14.00	13.54	13.71	13.73	13.22	13.45	13.43	13.52	13.58

Table 19. Energy Prices by Sector and Source (2003 Dollars per Million Btu, Unless Otherwise Noted) Pacific

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Residual Fuel	4.08	4.77	5.24	5.38	5.03	4.61	4.42	4.28	4.23	4.29	4.35	4.41	4.46
Natural Gas	5.06	6.38	7.12	7.49	7.15	6.81	6.43	6.11	5.89	5.82	5.87	5.99	6.12
Coal	1.53	1.61	1.60	1.59	1.60	1.59	1.60	1.59	1.56	1.55	1.54	1.53	1.53
Ethanol (E85) 10/	14.65	16.23	19.66	18.44	18.51	17.48	17.46	17.17	16.48	16.47	16.48	16.75	17.01
Electricity	30.83	28.22	26.96	26.78	26.04	25.35	24.43	24.13	23.82	23.34	23.11	23.16	23.25
Non-Renewable Energy Expenditures by Sector (billion 2003 dollars)													
Residential	19.77	19.99	20.33	21.35	20.86	20.63	20.17	20.09	20.09	20.08	20.36	20.74	21.18
Commercial	20.86	19.88	19.32	19.47	19.37	19.38	19.23	19.47	19.75	19.98	20.39	21.01	21.64
Industrial	13.70	14.70	15.74	16.16	15.36	15.04	14.93	14.74	14.50	14.57	14.71	14.94	15.31
Transportation	43.23	51.65	60.30	60.15	54.16	53.89	55.52	56.71	56.51	58.47	59.72	61.24	62.69
Total Non-Renewable Expenditures	97.56	106.22	115.70	117.13	109.76	108.94	109.86	111.01	110.84	113.10	115.18	117.93	120.82
Transportation Renewable Expenditures	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01
Total Expenditures	97.56	106.22	115.70	117.14	109.76	108.95	109.86	111.02	110.85	113.10	115.19	117.94	120.83

Table 19. Energy Prices by Sector and Source (2003 Dollars per Million Btu, Unless Otherwise Noted) Pacific

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2003-2025
Residential	15.19	15.18	15.13	15.17	15.35	15.54	15.77	15.90	15.89	16.04	16.14	-0.2%
Primary Energy 1/	8.41	8.43	8.34	8.37	8.55	8.73	8.93	9.06	9.15	9.28	9.42	0.2%
Petroleum Products 2/	12.24	12.36	12.30	12.49	12.68	12.98	13.02	13.27	13.88	14.09	14.79	0.5%
Distillate Fuel	8.89	8.93	8.97	9.10	9.18	9.42	9.59	9.75	9.85	9.84	9.79	0.0%
Liquefied Petroleum Gas	15.19	15.25	15.01	15.13	15.28	15.51	15.37	15.56	16.37	16.61	17.63	0.0%
Natural Gas	8.14	8.15	8.06	8.08	8.26	8.44	8.65	8.77	8.84	8.96	9.06	0.2%
Electricity	25.03	24.90	24.83	24.82	24.92	25.02	25.17	25.21	24.96	25.05	25.02	-0.7%
Commercial	17.41	17.36	17.31	17.30	17.43	17.59	17.78	17.82	17.73	17.85	17.91	-0.6%
Primary Energy 1/	7.41	7.41	7.33	7.34	7.47	7.61	7.76	7.85	7.89	7.99	8.07	0.3%
Petroleum Products 2/	7.99	8.03	8.06	8.08	8.13	8.26	8.32	8.46	8.51	8.66	8.81	0.0%
Distillate Fuel	7.10	7.14	7.18	7.21	7.27	7.40	7.48	7.63	7.60	7.79	7.86	0.4%
Residual Fuel	4.19	4.23	4.28	4.34	4.39	4.45	4.50	4.56	4.61	4.67	4.73	0.0%
Natural Gas	7.41	7.41	7.31	7.32	7.46	7.60	7.76	7.85	7.89	7.98	8.05	0.3%
Electricity	23.85	23.68	23.57	23.49	23.55	23.64	23.77	23.70	23.45	23.52	23.49	-1.1%
Industrial 3/	8.18	8.21	8.18	8.26	8.41	8.60	8.74	8.92	9.08	9.20	9.38	0.3%
Primary Energy	6.37	6.44	6.43	6.50	6.65	6.83	6.96	7.15	7.36	7.48	7.69	0.8%
Petroleum Products 2/	7.50	7.70	7.81	7.92	8.06	8.26	8.34	8.60	8.91	9.05	9.40	0.9%
Distillate Fuel	8.01	8.04	8.08	8.04	8.09	8.13	8.15	8.29	8.18	8.50	8.67	0.6%
Liquefied Petroleum Gas	11.72	11.77	11.53	11.65	11.80	12.04	11.89	12.09	12.90	13.14	14.15	-0.5%
Residual Fuel	4.19	4.23	4.28	4.34	4.39	4.45	4.50	4.56	4.61	4.67	4.73	0.1%
Natural Gas 4/	5.16	5.14	5.03	5.05	5.20	5.35	5.53	5.63	5.68	5.78	5.85	0.3%
Metallurgical Coal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Steam Coal	1.77	1.79	1.88	1.89	1.92	1.93	1.94	1.95	2.17	2.12	2.03	0.6%
Electricity	19.16	19.02	18.92	18.90	18.98	19.06	19.19	19.20	18.95	19.04	19.00	-0.9%
Transportation	11.35	11.47	11.56	11.50	11.50	11.61	11.62	11.74	11.89	11.85	12.07	0.0%
Primary Energy	11.32	11.44	11.53	11.48	11.47	11.58	11.59	11.71	11.86	11.82	12.04	0.0%
Petroleum Products 2/	11.33	11.44	11.54	11.48	11.48	11.58	11.60	11.72	11.86	11.83	12.05	0.0%
Distillate Fuel 5/	11.88	11.89	11.89	11.79	11.79	11.77	11.72	11.83	11.64	12.00	12.17	0.1%
Jet Fuel 6/	6.62	6.65	6.68	6.72	6.75	6.79	6.83	6.93	6.97	7.02	7.06	0.2%
Motor Gasoline 7/	13.47	13.65	13.79	13.70	13.67	13.83	13.83	13.95	14.21	14.00	14.28	-0.1%
Residual Fuel	4.11	4.15	4.20	4.26	4.31	4.37	4.43	4.48	4.54	4.59	4.65	0.0%
Liquefied Petroleum Gas 8/	13.65	13.68	13.41	13.50	13.62	13.83	13.65	13.81	14.60	14.81	15.80	-0.1%
Natural Gas 9/	8.29	8.30	8.20	8.21	8.37	8.53	8.71	8.80	8.84	8.95	9.02	0.8%
Ethanol (E85) 10/	17.06	17.17	17.19	17.28	16.82	16.98	17.47	17.43	17.63	17.76	17.89	0.4%
Electricity	21.54	21.32	21.17	21.04	21.04	21.05	21.11	21.02	20.69	20.71	20.62	-0.7%
Average End-Use Energy	11.82	11.88	11.91	11.91	12.00	12.15	12.25	12.38	12.49	12.54	12.72	-0.1%
Primary Energy	9.65	9.74	9.78	9.77	9.84	9.98	10.05	10.20	10.35	10.37	10.58	0.2%
Electricity	23.24	23.10	23.01	22.96	23.04	23.13	23.27	23.26	23.01	23.08	23.05	-0.9%
Electric Power 11/												
Fossil Fuel Average	4.86	4.83	4.74	4.81	4.92	4.99	5.11	5.18	5.02	5.10	5.09	0.8%
Petroleum Products	5.52	5.55	5.57	5.63	5.69	5.78	5.85	5.92	5.99	6.03	6.07	0.2%
Distillate Fuel	6.04	6.08	6.12	6.24	6.33	6.56	6.74	6.90	6.99	6.98	6.94	0.0%
Residual Fuel	5.35	5.40	5.45	5.50	5.56	5.61	5.67	5.72	5.78	5.84	5.89	0.2%
Natural Gas	5.31	5.25	5.15	5.20	5.33	5.40	5.56	5.65	5.67	5.77	5.80	0.8%
Steam Coal	1.45	1.45	1.44	1.44	1.43	1.43	1.43	1.42	1.33	1.32	1.33	-0.7%
Average Price to All Users 12/												
Petroleum Products 2/	10.64	10.78	10.88	10.86	10.88	11.00	11.03	11.18	11.35	11.34	11.58	0.1%
Distillate Fuel	10.90	10.93	10.99	10.91	10.94	10.95	10.92	11.05	10.89	11.22	11.39	0.2%
Jet Fuel	6.62	6.65	6.68	6.72	6.75	6.79	6.83	6.93	6.97	7.02	7.06	0.2%
Liquefied Petroleum Gas	12.68	12.70	12.44	12.52	12.64	12.84	12.66	12.82	13.60	13.82	14.82	-0.5%
Motor Gasoline 7/	13.47	13.64	13.78	13.69	13.66	13.82	13.82	13.94	14.21	13.99	14.27	-0.1%

Table 19. Energy Prices by Sector and Source (2003 Dollars per Million Btu, Unless Otherwise Noted) Pacific

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2003- 2025
Residual Fuel	4.52	4.60	4.66	4.72	4.78	4.84	4.90	4.96	5.02	5.08	5.15	0.3%
Natural Gas	6.19	6.15	6.04	6.05	6.20	6.33	6.51	6.62	6.68	6.79	6.87	0.3%
Coal	1.53	1.53	1.54	1.54	1.54	1.54	1.54	1.53	1.47	1.45	1.44	-0.5%
Ethanol (E85) 10/	17.06	17.17	17.19	17.28	16.82	16.98	17.47	17.43	17.63	17.76	17.89	0.4%
Electricity	23.24	23.10	23.01	22.96	23.04	23.13	23.27	23.26	23.01	23.08	23.05	-0.9%
Non-Renewable Energy Expenditures by Sector (billion 2003 dollars)												
Residential	21.55	21.81	21.93	22.24	22.73	23.27	23.72	24.11	24.34	24.88	25.22	1.1%
Commercial	22.22	22.69	23.18	23.75	24.48	25.25	26.08	26.72	27.22	28.07	28.84	1.7%
Industrial	15.62	15.85	16.08	16.46	17.02	17.61	18.16	18.73	19.25	19.82	20.45	1.5%
Transportation	63.58	65.22	66.81	67.59	68.64	70.28	71.34	73.11	75.04	76.00	78.52	1.9%
Total Non-Renewable Expenditures	122.97	125.56	128.00	130.05	132.87	136.40	139.30	142.68	145.85	148.77	153.03	1.7%
Transportation Renewable Expenditures	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	7.4%
Total Expenditures	122.98	125.57	128.01	130.06	132.88	136.41	139.31	142.69	145.86	148.78	153.05	1.7%

Table 19. Energy Prices by Sector and Source (2003 Dollars per Million Btu, Unless Otherwise Noted) Pacific

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

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

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

4/ Excludes use for lease and plant fuel.

5/ Diesel fuel containing 500 parts per million (ppm) or 15 ppm sulfur. Price includes Federal and State taxes while excluding county and local taxes.

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

7/ Sales weighted-average price for all grades. Includes Federal, State, and local taxes.

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

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

10/ 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 actually varies seasonally. The annual average ethanol content of 74 percent is used for this forecast.

11/ Includes electricity-only and combined heat and power plants whose primary business is to sell electricity, or electricity and heat, to the public.

12/ 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.

Note: Data for 2002 and 2003 are model results and may differ slightly from official EIA data reports.

Sources: 2002 and 2003 prices for motor gasoline, distillate, and jet fuel are based on prices in the Energy Information Administration (EIA), Petroleum Marketing Annual 2003, DOE/EIA-0487(2003) (Washington, DC, August 2004). 2002 residential and commercial natural gas delivered prices: EIA, Natural Gas Annual 2002, DOE/EIA-0131(2002) (Washington, DC, January 2004). 2003 residential and commercial natural gas delivered prices: EIA, Natural Gas Monthly, DOE/EIA-0130(2004/07) (Washington, DC, July 2004). 2002 and 2003 electric power sector natural gas prices: EIA, Electric Power Monthly, DOE/EIA-0226, May 2003 through April 2004, Table 4.11.A. 2002 and 2003 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 2002, DOE/EIA-0131(2002) (Washington, DC, January 2004) and the Natural Gas Monthly, DOE/EIA-0130(2004/07) (Washington, DC, July 2004). 2002 transportation sector natural gas delivered prices are based on: EIA, Natural Gas Annual 2002, DOE/EIA-0131(2002) (Washington, DC, January 2004) and estimated state and federal taxes. 2003 transportation sector natural gas delivered prices are model results. 2002 and 2003 coal prices based on: EIA, Quarterly Coal Report, October-December 2003, DOE/EIA-0121(2003/4Q) (Washington, DC, March 2004) and EIA, AEO2005 National Energy Modeling System run aeo2005.d102004a. 2002 and 2003 electricity prices: Annual Energy Review 2003, DOE/EIA-0384(2003) (Washington, DC, September 2004). 2002 and 2003 ethanol prices derived from weekly spot prices in the Oxy Fuel News. Projections: EIA, AEO2005 National Energy Modeling System run aeo2005.d102004a.

Table 20. Energy Prices by Sector and Source (2003 Dollars per Million Btu, Unless Otherwise Noted) United States

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Residential	15.02	15.81	16.43	16.46	15.68	15.01	14.58	14.46	14.33	14.29	14.42	14.60	14.84
Primary Energy 1/	8.33	9.68	10.65	10.57	9.73	9.21	8.79	8.55	8.35	8.27	8.34	8.46	8.61
Petroleum Products 2/	10.04	11.27	13.06	12.53	11.26	10.81	10.65	10.45	10.44	10.42	10.49	10.60	10.65
Distillate Fuel	8.37	9.57	10.54	10.12	9.07	8.68	8.50	8.31	8.29	8.25	8.30	8.37	8.44
Liquefied Petroleum Gas	12.98	14.58	17.57	17.07	15.36	14.74	14.56	14.28	14.25	14.19	14.25	14.35	14.32
Natural Gas	7.82	9.22	9.94	10.04	9.31	8.78	8.29	8.04	7.79	7.70	7.77	7.90	8.07
Electricity	25.22	25.42	25.19	25.15	24.39	23.46	22.99	23.02	22.96	22.97	23.12	23.31	23.57
Commercial	15.06	15.63	15.84	15.92	15.08	14.32	13.91	13.84	13.76	13.82	14.06	14.32	14.66
Primary Energy 1/	6.57	7.92	8.37	8.37	7.74	7.34	7.04	6.90	6.81	6.84	6.90	6.98	7.11
Petroleum Products 2/	6.95	8.03	8.92	8.65	7.91	7.49	7.33	7.13	7.13	7.20	7.22	7.24	7.25
Distillate Fuel	6.15	7.03	7.73	7.42	6.88	6.54	6.42	6.25	6.30	6.40	6.42	6.45	6.47
Residual Fuel	4.27	4.96	5.06	5.35	5.06	4.65	4.44	4.31	4.26	4.31	4.36	4.42	4.47
Natural Gas	6.62	8.08	8.45	8.50	7.89	7.47	7.12	6.99	6.87	6.89	6.96	7.06	7.21
Electricity	23.35	23.24	23.04	22.94	21.84	20.69	20.13	20.06	19.93	19.94	20.26	20.59	21.04
Industrial 3/	6.39	7.78	8.73	8.53	7.73	7.29	7.09	6.96	6.85	6.83	6.90	6.99	7.11
Primary Energy	4.93	6.49	7.46	7.23	6.40	5.98	5.79	5.65	5.55	5.54	5.59	5.65	5.72
Petroleum Products 2/	6.53	8.29	9.80	9.31	8.13	7.64	7.54	7.30	7.24	7.26	7.29	7.33	7.31
Distillate Fuel	6.33	7.24	7.97	7.65	7.15	6.82	6.88	6.72	6.78	7.13	7.16	7.19	7.18
Liquefied Petroleum Gas	8.48	12.57	15.15	13.24	11.16	10.51	10.32	10.04	10.02	9.94	10.00	10.10	10.02
Residual Fuel	3.94	4.59	4.68	4.94	4.67	4.26	4.07	3.92	3.87	3.92	3.97	4.01	4.03
Natural Gas 4/	3.89	5.56	6.05	6.08	5.43	4.98	4.61	4.52	4.37	4.37	4.44	4.54	4.70
Metallurgical Coal	1.88	1.85	1.96	1.91	1.89	1.86	1.85	1.85	1.82	1.79	1.78	1.77	1.77
Steam Coal	1.60	1.55	1.57	1.60	1.59	1.58	1.58	1.57	1.56	1.56	1.55	1.55	1.55
Electricity	14.73	15.03	15.72	15.60	15.06	14.42	14.12	14.03	13.84	13.70	13.85	14.09	14.44
Transportation	10.07	11.46	12.98	12.65	12.02	11.45	11.29	11.05	10.95	10.96	10.91	10.94	10.93
Primary Energy	10.04	11.43	12.96	12.62	12.00	11.43	11.27	11.03	10.93	10.94	10.89	10.91	10.91
Petroleum Products 2/	10.04	11.43	12.96	12.62	12.00	11.43	11.27	11.04	10.93	10.94	10.89	10.92	10.91
Distillate Fuel 5/	9.55	10.92	12.02	11.55	11.29	11.00	10.85	10.68	10.76	10.82	10.81	10.79	10.74
Jet Fuel 6/	6.05	6.46	8.12	7.69	7.02	6.58	6.57	6.43	6.25	6.22	6.24	6.29	6.27
Motor Gasoline 7/	11.32	12.93	14.65	14.35	13.63	12.94	12.72	12.44	12.32	12.33	12.23	12.22	12.23
Residual Fuel	3.83	4.49	4.58	4.84	4.55	4.12	3.92	3.79	3.74	3.79	3.85	3.90	3.96
Liquefied Petroleum Gas 8/	15.15	16.65	20.60	20.42	16.38	15.82	15.60	15.31	15.24	15.18	15.20	15.25	15.18
Natural Gas 9/	7.23	9.04	9.71	9.80	9.30	8.98	8.72	8.63	8.56	8.62	8.71	8.83	8.99
Ethanol (E85) 10/	14.65	16.23	19.66	19.59	19.47	18.31	18.15	17.74	17.11	16.99	16.89	17.11	17.30
Electricity	20.03	20.64	21.20	20.92	19.97	19.09	18.80	18.83	18.81	18.83	19.02	19.23	19.52
Average End-Use Energy	10.26	11.50	12.50	12.31	11.59	11.04	10.80	10.65	10.56	10.56	10.62	10.73	10.85
Primary Energy	7.85	9.32	10.53	10.29	9.58	9.09	8.90	8.71	8.61	8.62	8.64	8.70	8.76
Electricity	21.60	21.74	21.73	21.66	20.86	19.95	19.50	19.47	19.36	19.34	19.57	19.83	20.18
Electric Power 11/													
Fossil Fuel Average	1.90	2.24	2.42	2.38	2.22	2.12	2.07	2.07	2.06	2.09	2.13	2.18	2.24
Petroleum Products	4.37	5.28	5.95	5.81	5.36	4.96	4.77	4.61	4.55	4.58	4.60	4.66	4.71
Distillate Fuel	5.69	6.48	7.18	6.89	6.27	5.86	5.64	5.45	5.36	5.33	5.37	5.42	5.47
Residual Fuel	3.99	4.79	5.51	5.38	4.99	4.57	4.38	4.24	4.19	4.24	4.28	4.34	4.38
Natural Gas	3.69	5.46	5.98	5.92	5.27	4.83	4.50	4.39	4.27	4.31	4.41	4.54	4.70
Steam Coal	1.27	1.28	1.28	1.29	1.29	1.28	1.28	1.27	1.25	1.24	1.24	1.24	1.23
Average Price to All Users 12/													
Petroleum Products 2/	9.09	10.51	12.01	11.63	10.87	10.34	10.21	9.98	9.91	9.93	9.92	9.96	9.95
Distillate Fuel	8.71	9.90	10.93	10.52	10.07	9.76	9.67	9.51	9.53	9.61	9.67	9.75	9.72
Jet Fuel	6.05	6.46	8.12	7.69	7.02	6.58	6.57	6.43	6.25	6.22	6.24	6.29	6.27
Liquefied Petroleum Gas	9.52	13.04	15.69	14.07	12.09	11.47	11.29	11.01	10.99	10.93	10.99	11.08	11.02
Motor Gasoline 7/	11.32	12.93	14.65	14.34	13.62	12.92	12.71	12.43	12.31	12.32	12.22	12.21	12.22

Table 20. Energy Prices by Sector and Source (2003 Dollars per Million Btu, Unless Otherwise Noted) United States

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Residual Fuel	3.93	4.66	5.07	5.14	4.81	4.39	4.18	4.04	3.99	4.05	4.10	4.15	4.19
Natural Gas	5.15	6.86	7.35	7.38	6.72	6.25	5.85	5.69	5.52	5.49	5.56	5.66	5.81
Coal	1.29	1.30	1.30	1.31	1.31	1.30	1.30	1.29	1.27	1.26	1.26	1.26	1.25
Ethanol (E85) 10/	14.65	16.23	19.66	19.59	19.47	18.31	18.15	17.74	17.11	16.99	16.89	17.11	17.30
Electricity	21.60	21.74	21.73	21.66	20.86	19.95	19.50	19.47	19.36	19.34	19.57	19.83	20.18
Non-Renewable Energy Expenditures by Sector (billion 2003 dollars)													
Residential	163.90	177.17	181.73	185.24	178.77	174.57	173.50	174.68	175.88	177.93	181.98	185.46	189.90
Commercial	122.69	128.15	130.48	132.29	128.48	125.52	125.36	127.82	129.92	133.11	137.93	142.93	148.82
Industrial	124.40	147.11	168.11	167.31	151.68	143.54	141.57	140.78	139.57	140.40	142.75	145.43	149.21
Transportation	263.73	302.59	352.24	351.05	340.83	332.57	335.97	336.86	341.13	348.16	352.91	359.70	365.95
Total Non-Renewable Expenditures	674.72	755.02	832.55	835.89	799.77	776.20	776.39	780.13	786.50	799.60	815.56	833.51	853.87
Transportation Renewable Expenditures	0.01	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.05
Total Expenditures	674.73	755.04	832.58	835.91	799.79	776.23	776.42	780.17	786.54	799.64	815.60	833.55	853.92

Table 20. Energy Prices by Sector and Source (2003 Dollars per Million Btu, Unless Otherwise Noted) United States

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2003-2025
Residential	14.98	15.00	15.07	15.25	15.48	15.64	15.81	15.87	15.91	16.00	16.13	0.1%
Primary Energy 1/	8.74	8.75	8.77	8.89	9.06	9.21	9.34	9.42	9.46	9.54	9.62	0.0%
Petroleum Products 2/	10.76	10.87	10.96	11.08	11.22	11.36	11.51	11.62	11.75	11.84	11.93	0.3%
Distillate Fuel	8.49	8.53	8.59	8.71	8.78	8.85	8.91	8.97	9.03	9.07	9.12	-0.2%
Liquefied Petroleum Gas	14.45	14.60	14.67	14.71	14.88	15.06	15.25	15.34	15.49	15.58	15.65	0.3%
Natural Gas	8.21	8.20	8.20	8.32	8.51	8.66	8.80	8.87	8.89	8.98	9.07	-0.1%
Electricity	23.63	23.59	23.65	23.81	24.03	24.12	24.23	24.18	24.13	24.15	24.24	-0.2%
Commercial	14.87	14.93	15.04	15.25	15.52	15.70	15.89	15.93	15.98	16.06	16.20	0.2%
Primary Energy 1/	7.20	7.19	7.19	7.29	7.44	7.54	7.64	7.69	7.70	7.76	7.82	-0.1%
Petroleum Products 2/	7.28	7.33	7.37	7.44	7.51	7.55	7.63	7.69	7.72	7.76	7.84	-0.1%
Distillate Fuel	6.49	6.53	6.57	6.66	6.73	6.76	6.84	6.91	6.92	6.96	7.06	0.0%
Residual Fuel	4.52	4.58	4.63	4.69	4.75	4.81	4.86	4.91	4.97	5.02	5.08	0.1%
Natural Gas	7.33	7.29	7.29	7.40	7.56	7.68	7.79	7.83	7.83	7.90	7.96	-0.1%
Electricity	21.25	21.30	21.43	21.65	21.94	22.10	22.28	22.25	22.25	22.29	22.40	-0.2%
Industrial 3/	7.24	7.28	7.33	7.46	7.62	7.75	7.88	7.95	8.00	8.06	8.13	0.2%
Primary Energy	5.83	5.86	5.90	6.01	6.14	6.27	6.39	6.46	6.52	6.58	6.64	0.1%
Petroleum Products 2/	7.42	7.51	7.55	7.63	7.74	7.88	8.03	8.15	8.25	8.30	8.36	0.0%
Distillate Fuel	7.19	7.22	7.28	7.32	7.38	7.37	7.45	7.51	7.50	7.56	7.73	0.3%
Liquefied Petroleum Gas	10.22	10.34	10.32	10.41	10.55	10.74	10.93	11.05	11.20	11.30	11.35	-0.5%
Residual Fuel	4.10	4.14	4.19	4.23	4.28	4.34	4.41	4.46	4.52	4.56	4.62	0.0%
Natural Gas 4/	4.82	4.79	4.82	4.96	5.11	5.23	5.33	5.36	5.35	5.41	5.47	-0.1%
Metallurgical Coal	1.76	1.76	1.75	1.75	1.76	1.75	1.74	1.72	1.71	1.70	1.68	-0.4%
Steam Coal	1.55	1.55	1.56	1.56	1.56	1.56	1.57	1.57	1.60	1.61	1.60	0.1%
Electricity	14.62	14.68	14.82	15.04	15.31	15.47	15.61	15.62	15.61	15.66	15.75	0.2%
Transportation	10.95	10.99	11.05	11.07	11.12	11.16	11.21	11.27	11.33	11.35	11.46	0.0%
Primary Energy	10.92	10.97	11.02	11.05	11.09	11.13	11.18	11.25	11.31	11.32	11.44	0.0%
Petroleum Products 2/	10.93	10.97	11.03	11.05	11.10	11.13	11.19	11.25	11.31	11.33	11.44	0.0%
Distillate Fuel 5/	10.71	10.70	10.72	10.72	10.72	10.66	10.69	10.71	10.64	10.68	10.85	0.0%
Jet Fuel 6/	6.29	6.33	6.36	6.44	6.54	6.58	6.70	6.80	6.87	6.89	6.93	0.3%
Motor Gasoline 7/	12.26	12.32	12.39	12.41	12.45	12.52	12.56	12.62	12.72	12.72	12.81	0.0%
Residual Fuel	4.01	4.06	4.11	4.17	4.23	4.28	4.34	4.39	4.45	4.50	4.56	0.1%
Liquefied Petroleum Gas 8/	15.28	15.38	15.37	15.39	15.51	15.66	15.77	15.85	16.04	16.11	16.24	-0.1%
Natural Gas 9/	9.11	9.10	9.10	9.20	9.34	9.45	9.54	9.58	9.58	9.64	9.69	0.3%
Ethanol (E85) 10/	17.37	17.40	17.43	17.50	17.11	17.22	17.67	17.68	17.87	17.99	18.13	0.5%
Electricity	19.59	19.54	19.58	19.71	19.90	19.99	20.05	19.98	19.89	19.92	19.96	-0.2%
Average End-Use Energy	10.95	11.00	11.07	11.18	11.31	11.42	11.53	11.60	11.66	11.72	11.83	0.1%
Primary Energy	8.83	8.88	8.92	8.99	9.09	9.18	9.27	9.34	9.40	9.45	9.55	0.1%
Electricity	20.35	20.38	20.49	20.69	20.96	21.11	21.26	21.24	21.23	21.28	21.38	-0.1%
Electric Power 11/												
Fossil Fuel Average	2.28	2.29	2.31	2.37	2.42	2.45	2.46	2.46	2.45	2.46	2.46	0.4%
Petroleum Products	4.77	4.82	4.87	4.96	5.02	5.10	5.18	5.24	5.32	5.37	5.42	0.1%
Distillate Fuel	5.53	5.59	5.63	5.79	5.92	6.01	6.11	6.21	6.29	6.32	6.33	-0.1%
Residual Fuel	4.44	4.49	4.55	4.60	4.66	4.71	4.77	4.83	4.88	4.94	5.00	0.2%
Natural Gas	4.81	4.77	4.80	4.93	5.10	5.20	5.29	5.33	5.32	5.38	5.44	0.0%
Steam Coal	1.23	1.23	1.23	1.24	1.24	1.25	1.26	1.26	1.29	1.30	1.31	0.1%
Average Price to All Users 12/												
Petroleum Products 2/	10.00	10.07	10.12	10.17	10.22	10.29	10.37	10.45	10.53	10.56	10.66	0.1%
Distillate Fuel	9.72	9.73	9.77	9.79	9.82	9.79	9.83	9.88	9.83	9.88	10.03	0.1%
Jet Fuel	6.29	6.33	6.36	6.44	6.54	6.58	6.70	6.80	6.87	6.89	6.93	0.3%
Liquefied Petroleum Gas	11.21	11.34	11.34	11.41	11.56	11.74	11.92	12.03	12.18	12.28	12.34	-0.3%
Motor Gasoline 7/	12.25	12.31	12.38	12.40	12.44	12.51	12.55	12.61	12.71	12.70	12.80	0.0%

Table 20. Energy Prices by Sector and Source (2003 Dollars per Million Btu, Unless Otherwise Noted) United States

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2003- 2025
Residual Fuel	4.25	4.30	4.35	4.41	4.47	4.52	4.58	4.64	4.69	4.75	4.81	0.1%
Natural Gas	5.92	5.89	5.89	6.01	6.18	6.30	6.40	6.44	6.45	6.52	6.59	-0.2%
Coal	1.25	1.25	1.25	1.26	1.26	1.27	1.27	1.28	1.31	1.32	1.32	0.1%
Ethanol (E85) 10/	17.37	17.40	17.43	17.50	17.11	17.22	17.67	17.68	17.87	17.99	18.13	0.5%
Electricity	20.35	20.38	20.49	20.69	20.96	21.11	21.26	21.24	21.23	21.28	21.38	-0.1%
Non-Renewable Energy Expenditures by Sector (billion 2003 dollars)												
Residential	193.21	195.50	197.61	201.40	205.81	209.76	212.75	215.11	217.42	220.97	223.86	1.1%
Commercial	153.52	157.04	161.35	166.52	172.33	177.28	182.50	186.39	190.51	195.38	200.93	2.1%
Industrial	152.35	153.50	156.36	160.77	165.76	169.93	173.96	176.66	179.21	182.01	184.96	1.0%
Transportation	372.46	379.28	387.03	393.88	401.07	407.83	415.11	423.07	431.36	438.52	449.31	1.8%
Total Non-Renewable Expenditures	871.55	885.33	902.34	922.57	944.97	964.80	984.33	1001.23	1018.51	1036.88	1059.05	1.5%
Transportation Renewable Expenditures	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	7.2%
Total Expenditures	871.60	885.38	902.40	922.63	945.03	964.87	984.40	1001.30	1018.58	1036.96	1059.13	1.6%

Table 20. Energy Prices by Sector and Source (2003 Dollars per Million Btu, Unless Otherwise Noted) United States

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

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

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

4/ Excludes use for lease and plant fuel.

5/ Diesel fuel containing 500 parts per million (ppm) or 15 ppm sulfur. Price includes Federal and State taxes while excluding county and local taxes.

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

7/ Sales weighted-average price for all grades. Includes Federal, State, and local taxes.

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

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

10/ 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 actually varies seasonally. The annual average ethanol content of 74 percent is used for this forecast.

11/ Includes electricity-only and combined heat and power plants whose primary business is to sell electricity, or electricity and heat, to the public.

12/ 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.

Note: Data for 2002 and 2003 are model results and may differ slightly from official EIA data reports.

Sources: 2002 and 2003 prices for motor gasoline, distillate, and jet fuel are based on prices in the Energy Information Administration (EIA), Petroleum Marketing Annual 2003, DOE/EIA-0487(2003) (Washington, DC, August 2004). 2002 residential and commercial natural gas delivered prices: EIA, Natural Gas Annual 2002, DOE/EIA-0131(2002) (Washington, DC, January 2004). 2003 residential and commercial natural gas delivered prices: EIA, Natural Gas Monthly, DOE/EIA-0130(2004/07) (Washington, DC, July 2004). 2002 and 2003 electric power sector natural gas prices: EIA, Electric Power Monthly, DOE/EIA-0226, May 2003 through April 2004, Table 4.11.A. 2002 and 2003 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 2002, DOE/EIA-0131(2002) (Washington, DC, January 2004) and the Natural Gas Monthly, DOE/EIA-0130(2004/07) (Washington, DC, July 2004). 2002 transportation sector natural gas delivered prices are based on: EIA, Natural Gas Annual 2002, DOE/EIA-0131(2002) (Washington, DC, January 2004) and estimated state and federal taxes. 2003 transportation sector natural gas delivered prices are model results. 2002 and 2003 coal prices based on: EIA, Quarterly Coal Report, October-December 2003, DOE/EIA-0121(2003/4Q) (Washington, DC, March 2004) and EIA, AEO2005 National Energy Modeling System run aeo2005.d102004a. 2002 and 2003 electricity prices: Annual Energy Review 2003, DOE/EIA-0384(2003) (Washington, DC, September 2004). 2002 and 2003 ethanol prices derived from weekly spot prices in the Oxy Fuel News. Projections: EIA, AEO2005 National Energy Modeling System run aeo2005.d102004a.