

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

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Residential													
Liquefied Petroleum Gases	0.040	0.037	0.039	0.039	0.040	0.040	0.041	0.041	0.042	0.042	0.043	0.043	0.044
Kerosene	0.025	0.034	0.034	0.030	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029
Distillate Fuel Oil	0.388	0.395	0.385	0.389	0.386	0.384	0.384	0.386	0.387	0.388	0.387	0.384	0.382
Liquid Fuels Subtotal	0.452	0.466	0.457	0.458	0.454	0.453	0.454	0.456	0.458	0.459	0.459	0.457	0.455
Natural Gas	0.898	0.904	0.818	0.897	0.903	0.906	0.909	0.912	0.917	0.916	0.915	0.915	0.915
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/	0.077	0.078	0.072	0.079	0.078	0.077	0.076	0.075	0.074	0.072	0.071	0.071	0.070
Electricity	0.430	0.458	0.468	0.473	0.482	0.487	0.492	0.496	0.500	0.501	0.504	0.506	0.510
Delivered Energy	1.860	1.910	1.819	1.910	1.921	1.925	1.933	1.941	1.952	1.951	1.952	1.950	1.952
Electricity Related Losses	1.090	1.118	1.064	1.109	1.150	1.155	1.171	1.174	1.188	1.200	1.210	1.241	1.255
Total	2.950	3.028	2.882	3.019	3.071	3.079	3.104	3.115	3.140	3.151	3.162	3.191	3.207
Commercial													
Liquefied Petroleum Gases	0.008	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
Motor Gasoline 2/	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
Kerosene	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010
Distillate Fuel Oil	0.162	0.163	0.152	0.149	0.147	0.149	0.150	0.152	0.154	0.156	0.156	0.156	0.156
Residual Fuel Oil	0.082	0.091	0.087	0.097	0.095	0.095	0.093	0.097	0.097	0.104	0.098	0.098	0.099
Liquid Fuels Subtotal	0.263	0.272	0.258	0.265	0.261	0.263	0.263	0.268	0.270	0.279	0.273	0.274	0.274
Natural Gas	0.654	0.607	0.591	0.610	0.611	0.620	0.628	0.639	0.648	0.658	0.664	0.671	0.675
Coal	0.021	0.021	0.018	0.019	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020
Renewable Energy 3/	0.023	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024
Electricity	0.534	0.543	0.550	0.546	0.549	0.559	0.569	0.580	0.588	0.596	0.603	0.610	0.617
Delivered Energy	1.495	1.467	1.440	1.463	1.464	1.486	1.504	1.531	1.551	1.577	1.585	1.598	1.611
Electricity Related Losses	1.352	1.324	1.250	1.278	1.311	1.327	1.353	1.372	1.398	1.426	1.450	1.497	1.520
Total	2.847	2.791	2.690	2.741	2.775	2.813	2.857	2.903	2.948	3.003	3.035	3.095	3.131
Industrial 4/													
Liquefied Petroleum Gases	0.027	0.026	0.026	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.022	0.022	0.022
Motor Gasoline 2/	0.024	0.024	0.024	0.024	0.023	0.023	0.023	0.023	0.022	0.022	0.022	0.022	0.022
Distillate Fuel Oil	0.057	0.057	0.059	0.054	0.052	0.050	0.049	0.049	0.049	0.049	0.048	0.048	0.048
Residual Fuel Oil	0.023	0.026	0.026	0.018	0.017	0.016	0.015	0.015	0.015	0.016	0.015	0.015	0.015
Petrochemical Feedstocks	0.141	0.114	0.111	0.120	0.124	0.126	0.129	0.130	0.130	0.130	0.129	0.129	0.127
Other Petroleum 5/	0.423	0.416	0.405	0.397	0.370	0.357	0.352	0.350	0.347	0.350	0.343	0.340	0.344
Liquid Fuels Subtotal	0.696	0.662	0.652	0.636	0.609	0.596	0.591	0.591	0.586	0.590	0.581	0.577	0.578
Natural Gas	0.361	0.358	0.362	0.361	0.337	0.368	0.359	0.370	0.364	0.366	0.373	0.367	0.384
Natural-Gas-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Lease and Plant Fuel 6/	0.005	0.006	0.008	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.008	0.008
Natural Gas Subtotal	0.366	0.364	0.370	0.368	0.344	0.375	0.366	0.377	0.371	0.373	0.380	0.375	0.391
Metallurgical Coal	0.206	0.190	0.205	0.194	0.193	0.191	0.191	0.191	0.190	0.190	0.189	0.188	0.186
Other Industrial Coal	0.098	0.091	0.089	0.090	0.091	0.091	0.090	0.089	0.089	0.088	0.087	0.087	0.087
Coal-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Net Coal Coke Imports	-0.692	-0.229	-0.258	-0.109	-0.109	-0.109	-0.109	-0.110	-0.110	-0.110	-0.110	-0.110	-0.109
Coal Subtotal	-0.389	0.052	0.036	0.175	0.174	0.173	0.172	0.170	0.169	0.167	0.166	0.165	0.164
Biofuels Heat and Coproducts	0.213	0.245	0.315	0.354	0.454	0.613	0.689	0.707	0.722	0.727	0.731	0.736	0.740
Renewable Energy 7/	0.052	0.043	0.048	0.048	0.048	0.048	0.048	0.048	0.049	0.049	0.050	0.050	0.051
Electricity	0.271	0.271	0.269	0.267	0.265	0.264	0.266	0.268	0.270	0.270	0.271	0.271	0.271
Delivered Energy	1.210	1.638	1.689	1.848	1.894	2.069	2.132	2.162	2.166	2.178	2.179	2.174	2.196
Electricity Related Losses	0.687	0.661	0.612	0.626	0.631	0.627	0.633	0.635	0.640	0.647	0.651	0.664	0.668
Total	1.897	2.298	2.301	2.475	2.525	2.696	2.765	2.797	2.807	2.825	2.831	2.838	2.864
Transportation													
Liquefied Petroleum Gases	0.004	0.005	0.005	0.010	0.008	0.007	0.006	0.006	0.007	0.007	0.007	0.007	0.007

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

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
E85 8/	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001
Motor Gasoline 2/	1.885	1.884	1.904	1.885	1.880	1.882	1.887	1.900	1.914	1.928	1.946	1.962	1.979
Jet Fuel 9/	0.352	0.351	0.355	0.366	0.378	0.395	0.416	0.423	0.427	0.431	0.434	0.436	0.439
Distillate Fuel Oil 10/	0.515	0.522	0.536	0.544	0.549	0.555	0.562	0.571	0.580	0.587	0.594	0.600	0.607
Residual Fuel Oil	0.101	0.110	0.101	0.103	0.105	0.107	0.109	0.108	0.108	0.108	0.107	0.107	0.106
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Other Petroleum 11/	0.015	0.018	0.017	0.017	0.018	0.018	0.018	0.018	0.017	0.017	0.017	0.017	0.017
Liquid Fuels Subtotal	2.873	2.892	2.918	2.925	2.939	2.965	2.998	3.027	3.053	3.079	3.105	3.130	3.156
Pipeline Fuel Natural Gas	0.039	0.038	0.036	0.040	0.040	0.041	0.042	0.042	0.043	0.043	0.043	0.044	0.044
Compressed Natural Gas	0.004	0.004	0.006	0.006	0.007	0.007	0.008	0.008	0.009	0.009	0.010	0.010	0.010
Electricity	0.012	0.013	0.013	0.013	0.014	0.014	0.014	0.014	0.015	0.015	0.015	0.015	0.016
Delivered Energy	2.928	2.947	2.973	2.985	2.999	3.027	3.062	3.092	3.120	3.146	3.173	3.199	3.226
Electricity Related Losses	0.031	0.031	0.029	0.031	0.032	0.033	0.034	0.034	0.035	0.035	0.036	0.037	0.038
Total	2.959	2.977	3.002	3.016	3.032	3.060	3.095	3.126	3.154	3.181	3.209	3.237	3.264
Delivered Energy Consumption, All Sectors													
Liquefied Petroleum Gases	0.079	0.076	0.077	0.079	0.078	0.078	0.077	0.078	0.079	0.079	0.079	0.080	0.080
E85 8/	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001
Motor Gasoline 2/	1.911	1.910	1.930	1.910	1.906	1.907	1.912	1.924	1.938	1.952	1.970	1.986	2.003
Jet Fuel 9/	0.352	0.351	0.355	0.366	0.378	0.395	0.416	0.423	0.427	0.431	0.434	0.436	0.439
Kerosene	0.041	0.052	0.051	0.047	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.046
Distillate Fuel Oil	1.122	1.136	1.131	1.137	1.134	1.138	1.146	1.158	1.170	1.179	1.185	1.189	1.193
Residual Fuel Oil	0.206	0.227	0.214	0.218	0.217	0.218	0.218	0.221	0.220	0.228	0.220	0.220	0.221
Petrochemical Feedstocks	0.141	0.114	0.111	0.120	0.124	0.126	0.129	0.130	0.130	0.130	0.129	0.129	0.127
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Other Petroleum 12/	0.431	0.427	0.415	0.407	0.380	0.368	0.363	0.361	0.357	0.361	0.354	0.350	0.354
Liquid Fuels Subtotal	4.284	4.292	4.285	4.284	4.263	4.276	4.307	4.342	4.369	4.408	4.419	4.437	4.462
Natural Gas	1.916	1.873	1.777	1.874	1.858	1.901	1.904	1.929	1.938	1.949	1.962	1.962	1.984
Natural-Gas-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Lease and Plant Fuel 6/	0.005	0.006	0.008	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.008	0.008
Pipeline Natural Gas	0.039	0.038	0.036	0.040	0.040	0.041	0.042	0.042	0.043	0.043	0.043	0.044	0.044
Natural Gas Subtotal	1.961	1.917	1.821	1.921	1.905	1.950	1.952	1.979	1.988	1.999	2.013	2.014	2.036
Metallurgical Coal	0.206	0.190	0.205	0.194	0.193	0.191	0.191	0.191	0.190	0.190	0.189	0.188	0.186
Other Coal	0.122	0.115	0.110	0.112	0.113	0.113	0.113	0.112	0.111	0.110	0.110	0.110	0.110
Coal-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Net Coal Coke Imports	-0.692	-0.229	-0.258	-0.109	-0.109	-0.109	-0.109	-0.110	-0.110	-0.110	-0.110	-0.110	-0.109
Coal Subtotal	-0.365	0.076	0.056	0.196	0.197	0.196	0.195	0.193	0.192	0.190	0.189	0.188	0.187
Biofuels Heat and Coproducts	0.213	0.245	0.315	0.354	0.454	0.613	0.689	0.707	0.722	0.727	0.731	0.736	0.740
Renewable Energy 13/	0.152	0.145	0.144	0.150	0.150	0.148	0.147	0.147	0.146	0.146	0.145	0.145	0.145
Electricity	1.247	1.285	1.300	1.300	1.310	1.324	1.341	1.359	1.373	1.383	1.393	1.402	1.414
Delivered Energy	7.493	7.961	7.922	8.206	8.278	8.507	8.631	8.726	8.789	8.852	8.889	8.922	8.984
Electricity Related Losses	3.160	3.134	2.955	3.044	3.124	3.142	3.190	3.215	3.261	3.309	3.347	3.439	3.482
Total	10.653	11.095	10.876	11.250	11.402	11.649	11.822	11.941	12.050	12.161	12.236	12.361	12.466
Electric Power 14/													
Distillate Fuel Oil	0.017	0.018	0.015	0.015	0.017	0.019	0.021	0.022	0.025	0.026	0.027	0.027	0.027
Residual Fuel Oil	0.263	0.291	0.125	0.251	0.251	0.250	0.251	0.283	0.283	0.283	0.283	0.283	0.283
Liquid Fuels Subtotal	0.280	0.309	0.140	0.266	0.268	0.269	0.272	0.273	0.308	0.309	0.310	0.310	0.310
Natural Gas	0.492	0.534	0.440	0.384	0.468	0.476	0.504	0.524	0.532	0.549	0.542	0.599	0.610
Steam Coal	1.530	1.581	1.649	1.644	1.662	1.701	1.728	1.754	1.769	1.806	1.864	1.911	1.952
Nuclear Power	1.556	1.531	1.551	1.551	1.545	1.541	1.549	1.549	1.549	1.549	1.549	1.549	1.549
Renewable Energy 15/	0.533	0.440	0.449	0.482	0.477	0.473	0.468	0.464	0.465	0.466	0.464	0.465	0.465
Electricity Imports	0.017	0.024	0.026	0.017	0.014	0.006	0.011	0.009	0.011	0.013	0.012	0.008	0.009
Total	4.408	4.419	4.254	4.343	4.434	4.466	4.532	4.573	4.634	4.692	4.740	4.841	4.896

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

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Total Energy Consumption													
Liquefied Petroleum Gases	0.079	0.076	0.077	0.079	0.078	0.078	0.077	0.078	0.079	0.079	0.079	0.080	0.080
E85 8/	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001
Motor Gasoline 2/	1.911	1.910	1.930	1.910	1.906	1.907	1.912	1.924	1.938	1.952	1.970	1.986	2.003
Jet Fuel 9/	0.352	0.351	0.355	0.366	0.378	0.395	0.416	0.423	0.427	0.431	0.434	0.436	0.439
Kerosene	0.041	0.052	0.051	0.047	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.046
Distillate Fuel Oil	1.139	1.155	1.146	1.152	1.151	1.157	1.167	1.180	1.195	1.205	1.212	1.216	1.220
Residual Fuel Oil	0.469	0.517	0.340	0.469	0.467	0.469	0.468	0.472	0.504	0.511	0.504	0.503	0.504
Petrochemical Feedstocks	0.141	0.114	0.111	0.120	0.124	0.126	0.129	0.130	0.130	0.130	0.129	0.129	0.127
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Other Petroleum 12/	0.431	0.427	0.415	0.407	0.380	0.368	0.363	0.361	0.357	0.361	0.354	0.350	0.354
Liquid Fuels Subtotal	4.564	4.602	4.425	4.550	4.531	4.545	4.578	4.615	4.677	4.716	4.728	4.747	4.773
Natural Gas	2.408	2.407	2.217	2.258	2.326	2.377	2.407	2.453	2.470	2.498	2.504	2.562	2.595
Natural-Gas-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Lease and Plant Fuel 6/	0.005	0.006	0.008	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.008	0.008
Pipeline Natural Gas	0.039	0.038	0.036	0.040	0.040	0.041	0.042	0.042	0.043	0.043	0.043	0.044	0.044
Natural Gas Subtotal	2.453	2.451	2.261	2.305	2.373	2.425	2.456	2.503	2.520	2.548	2.555	2.613	2.647
Metallurgical Coal	0.206	0.190	0.205	0.194	0.193	0.191	0.191	0.191	0.190	0.190	0.189	0.188	0.186
Other Coal	1.651	1.696	1.759	1.755	1.775	1.814	1.841	1.865	1.880	1.916	1.974	2.020	2.062
Coal-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Net Coal Coke Imports	-0.692	-0.229	-0.258	-0.109	-0.109	-0.109	-0.109	-0.110	-0.110	-0.110	-0.110	-0.110	-0.109
Coal Subtotal	1.165	1.658	1.706	1.840	1.859	1.897	1.923	1.946	1.960	1.996	2.053	2.099	2.139
Nuclear Power	1.556	1.531	1.551	1.551	1.545	1.541	1.549	1.549	1.549	1.549	1.549	1.549	1.549
Biofuels Heat and Coproducts	0.213	0.245	0.315	0.354	0.454	0.613	0.689	0.707	0.722	0.727	0.731	0.736	0.740
Renewable Energy 16/	0.685	0.585	0.593	0.632	0.626	0.621	0.616	0.611	0.612	0.611	0.609	0.609	0.609
Electricity Imports	0.017	0.024	0.026	0.017	0.014	0.006	0.011	0.009	0.011	0.013	0.012	0.008	0.009
Total	10.653	11.095	10.876	11.250	11.402	11.649	11.822	11.941	12.050	12.161	12.236	12.361	12.466
Energy Use & Related Statistics													
Delivered Energy Use	7.493	7.961	7.922	8.206	8.278	8.507	8.631	8.726	8.789	8.852	8.889	8.922	8.984
Total Energy Use	10.653	11.095	10.876	11.250	11.402	11.649	11.822	11.941	12.050	12.161	12.236	12.361	12.466
Population (millions)	40.412	40.557	40.692	40.817	40.932	41.044	41.150	41.251	41.347	41.439	41.526	41.608	41.683
Carbon Dioxide Emissions (million metric tons)	546.82	599.17	576.64	600.47	603.93	609.90	615.89	623.20	630.06	637.73	644.45	653.13	660.46

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

	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2005-2030
Residential															
Liquefied Petroleum Gases	0.044	0.044	0.045	0.045	0.046	0.046	0.046	0.047	0.047	0.047	0.047	0.048	0.048	0.048	1.0%
Kerosene	0.028	0.028	0.028	0.028	0.027	0.027	0.027	0.027	0.026	0.026	0.026	0.025	0.025	0.025	-1.2%
Distillate Fuel Oil	0.378	0.374	0.370	0.367	0.362	0.358	0.354	0.351	0.347	0.343	0.339	0.336	0.332	0.328	-0.7%
Liquid Fuels Subtotal	0.450	0.447	0.443	0.440	0.435	0.431	0.427	0.424	0.420	0.416	0.412	0.409	0.404	0.401	-0.6%
Natural Gas	0.909	0.907	0.905	0.905	0.901	0.898	0.895	0.893	0.887	0.884	0.881	0.879	0.872	0.869	-0.2%
Coal	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	-1.0%
Renewable Energy 1/	0.069	0.068	0.067	0.067	0.066	0.065	0.064	0.064	0.063	0.062	0.061	0.061	0.060	0.059	-1.1%
Electricity	0.511	0.513	0.516	0.520	0.520	0.523	0.525	0.528	0.529	0.531	0.534	0.537	0.537	0.539	0.6%
Delivered Energy	1.942	1.937	1.934	1.935	1.924	1.919	1.913	1.912	1.901	1.896	1.890	1.889	1.876	1.870	-0.1%
Electricity Related Losses	1.256	1.264	1.266	1.280	1.282	1.289	1.295	1.306	1.314	1.324	1.336	1.358	1.377	1.384	0.9%
Total	3.198	3.202	3.200	3.215	3.206	3.208	3.208	3.218	3.215	3.220	3.226	3.246	3.253	3.254	0.3%
Commercial															
Liquefied Petroleum Gases	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.2%
Motor Gasoline 2/	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.9%
Kerosene	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.011	0.011	0.011	0.1%
Distillate Fuel Oil	0.155	0.154	0.154	0.153	0.152	0.152	0.152	0.151	0.151	0.151	0.150	0.150	0.150	0.149	-0.3%
Residual Fuel Oil	0.098	0.098	0.097	0.097	0.097	0.096	0.098	0.097	0.098	0.097	0.097	0.097	0.099	0.098	0.3%
Liquid Fuels Subtotal	0.273	0.272	0.270	0.270	0.269	0.268	0.269	0.268	0.269	0.268	0.267	0.267	0.269	0.267	-0.1%
Natural Gas	0.678	0.682	0.686	0.691	0.696	0.700	0.704	0.707	0.712	0.717	0.722	0.726	0.730	0.735	0.8%
Coal	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	-0.2%
Renewable Energy 3/	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.0%
Electricity	0.624	0.631	0.638	0.645	0.653	0.661	0.668	0.676	0.684	0.692	0.701	0.710	0.719	0.728	1.2%
Delivered Energy	1.619	1.628	1.638	1.649	1.661	1.673	1.686	1.695	1.709	1.721	1.734	1.746	1.761	1.774	0.8%
Electricity Related Losses	1.535	1.555	1.565	1.588	1.608	1.629	1.649	1.670	1.698	1.725	1.755	1.795	1.843	1.871	1.4%
Total	3.154	3.183	3.203	3.237	3.269	3.302	3.334	3.365	3.407	3.445	3.489	3.542	3.604	3.645	1.1%
Industrial 4/															
Liquefied Petroleum Gases	0.022	0.022	0.021	0.021	0.021	0.021	0.021	0.020	0.020	0.020	0.020	0.020	0.020	0.020	-1.2%
Motor Gasoline 2/	0.022	0.022	0.022	0.022	0.022	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.021	-0.6%
Distillate Fuel Oil	0.048	0.047	0.047	0.047	0.046	0.046	0.046	0.046	0.045	0.045	0.044	0.044	0.043	0.043	-1.1%
Residual Fuel Oil	0.015	0.015	0.015	0.015	0.014	0.014	0.014	0.014	0.014	0.015	0.015	0.015	0.015	0.015	-2.2%
Petrochemical Feedstocks	0.124	0.123	0.123	0.122	0.121	0.120	0.118	0.117	0.116	0.115	0.114	0.113	0.113	0.112	0.0%
Other Petroleum 5/	0.341	0.339	0.329	0.337	0.335	0.333	0.332	0.321	0.322	0.326	0.326	0.334	0.322	0.334	-0.9%
Liquid Fuels Subtotal	0.572	0.568	0.556	0.563	0.559	0.555	0.553	0.539	0.539	0.541	0.540	0.546	0.533	0.544	-0.8%
Natural Gas	0.372	0.376	0.400	0.388	0.391	0.393	0.395	0.410	0.413	0.403	0.406	0.407	0.420	0.412	0.6%
Natural-Gas-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Lease and Plant Fuel 6/	0.008	0.008	0.008	0.008	0.008	0.008	0.009	0.009	0.009	0.009	0.009	0.010	0.010	0.010	2.2%
Natural Gas Subtotal	0.380	0.383	0.408	0.396	0.400	0.402	0.403	0.419	0.422	0.412	0.415	0.416	0.430	0.422	0.6%
Metallurgical Coal	0.183	0.182	0.181	0.181	0.181	0.180	0.179	0.178	0.178	0.178	0.178	0.177	0.176	0.175	-0.3%
Other Industrial Coal	0.087	0.086	0.086	0.086	0.086	0.086	0.086	0.085	0.086	0.086	0.086	0.086	0.086	0.086	-0.2%
Coal-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Net Coal Coke Imports	-0.108	-0.107	-0.107	-0.107	-0.107	-0.106	-0.106	-0.106	-0.106	-0.106	-0.106	-0.105	-0.104	-0.104	-3.1%
Coal Subtotal	0.162	0.161	0.160	0.159	0.159	0.158	0.158	0.158	0.158	0.158	0.158	0.157	0.157	0.157	4.5%
Biofuels Heat and Coproducts	0.748	0.759	0.770	0.778	0.791	0.804	0.809	0.819	0.833	0.841	0.851	0.856	0.866	0.876	5.2%
Renewable Energy 7/	0.051	0.051	0.052	0.052	0.052	0.053	0.053	0.054	0.054	0.055	0.055	0.055	0.056	0.056	1.0%
Electricity	0.270	0.268	0.267	0.267	0.266	0.266	0.264	0.263	0.262	0.262	0.261	0.261	0.260	0.260	-0.2%
Delivered Energy	2.182	2.190	2.213	2.216	2.228	2.238	2.240	2.251	2.268	2.269	2.279	2.292	2.302	2.315	1.4%
Electricity Related Losses	0.663	0.660	0.656	0.658	0.656	0.655	0.651	0.649	0.650	0.652	0.655	0.659	0.666	0.667	0.0%
Total	2.846	2.850	2.869	2.873	2.884	2.893	2.891	2.900	2.918	2.921	2.934	2.952	2.968	2.982	1.0%
Transportation															
Liquefied Petroleum Gases	0.007	0.007	0.008	0.008	0.008	0.008	0.008	0.008	0.009	0.009	0.009	0.009	0.009	0.009	2.2%

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

	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2005-2030	
E85 8/	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.003	10.3%	
Motor Gasoline 2/	1.995	2.011	2.025	2.040	2.055	2.069	2.083	2.097	2.110	2.126	2.140	2.153	2.167	2.180	0.6%	
Jet Fuel 9/	0.441	0.443	0.445	0.443	0.441	0.439	0.437	0.435	0.433	0.431	0.430	0.429	0.428	0.428	0.8%	
Distillate Fuel Oil 10/	0.611	0.615	0.621	0.629	0.637	0.645	0.654	0.663	0.675	0.687	0.699	0.711	0.722	0.734	1.4%	
Residual Fuel Oil	0.106	0.105	0.105	0.105	0.104	0.104	0.103	0.102	0.102	0.101	0.101	0.100	0.099	0.099	-0.4%	
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	42.3%	
Other Petroleum 11/	0.017	0.017	0.017	0.017	0.017	0.017	0.017	0.017	0.017	0.017	0.016	0.016	0.016	0.016	-0.5%	
Liquid Fuels Subtotal	3.178	3.200	3.222	3.243	3.263	3.283	3.304	3.325	3.347	3.372	3.397	3.421	3.445	3.470	0.7%	
Pipeline Fuel Natural Gas	0.044	0.045	0.045	0.045	0.045	0.045	0.045	0.045	0.045	0.044	0.044	0.044	0.044	0.044	0.6%	
Compressed Natural Gas	0.011	0.011	0.011	0.011	0.012	0.012	0.012	0.012	0.013	0.013	0.013	0.013	0.013	0.014	4.7%	
Electricity	0.016	0.016	0.016	0.016	0.017	0.017	0.017	0.017	0.017	0.018	0.018	0.018	0.018	0.018	1.5%	
Delivered Energy	3.249	3.271	3.294	3.316	3.337	3.357	3.378	3.399	3.422	3.447	3.472	3.497	3.521	3.546	0.7%	
Electricity Related Losses	0.039	0.039	0.040	0.040	0.041	0.042	0.042	0.043	0.043	0.044	0.045	0.046	0.047	0.048	1.8%	
Total	3.288	3.311	3.334	3.356	3.378	3.398	3.420	3.442	3.465	3.491	3.517	3.542	3.568	3.593	0.8%	
Delivered Energy Consumption, All Sectors																
Liquefied Petroleum Gases	0.080	0.081	0.081	0.082	0.082	0.082	0.083	0.083	0.083	0.084	0.084	0.084	0.084	0.084	0.4%	
E85 8/	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.003	10.3%	
Motor Gasoline 2/	2.019	2.035	2.048	2.064	2.079	2.092	2.107	2.120	2.133	2.149	2.163	2.176	2.190	2.203	0.6%	
Jet Fuel 9/	0.441	0.443	0.445	0.443	0.441	0.439	0.437	0.435	0.433	0.431	0.430	0.429	0.428	0.428	0.8%	
Kerosene	0.046	0.046	0.045	0.045	0.045	0.044	0.044	0.044	0.044	0.044	0.043	0.043	0.043	0.042	-0.8%	
Distillate Fuel Oil	1.192	1.191	1.192	1.196	1.197	1.200	1.206	1.212	1.218	1.225	1.233	1.240	1.246	1.254	0.4%	
Residual Fuel Oil	0.219	0.219	0.217	0.216	0.215	0.214	0.215	0.213	0.215	0.213	0.212	0.212	0.213	0.211	-0.3%	
Petrochemical Feedstocks	0.124	0.123	0.123	0.122	0.121	0.120	0.118	0.117	0.116	0.115	0.114	0.113	0.113	0.112	0.0%	
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	42.3%	
Other Petroleum 12/	0.351	0.349	0.339	0.347	0.345	0.342	0.342	0.331	0.332	0.335	0.335	0.343	0.331	0.343	-0.9%	
Liquid Fuels Subtotal	4.473	4.486	4.491	4.516	4.526	4.536	4.553	4.556	4.575	4.597	4.616	4.643	4.651	4.682	0.3%	
Natural Gas	1.970	1.975	2.002	1.995	2.000	2.004	2.005	2.023	2.025	2.018	2.021	2.025	2.036	2.030	0.3%	
Natural-Gas-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A	
Lease and Plant Fuel 6/	0.008	0.008	0.008	0.008	0.008	0.008	0.009	0.009	0.009	0.009	0.009	0.010	0.010	0.010	2.2%	
Pipeline Natural Gas	0.044	0.045	0.045	0.045	0.045	0.045	0.045	0.045	0.045	0.044	0.044	0.044	0.044	0.044	0.6%	
Natural Gas Subtotal	2.022	2.027	2.055	2.049	2.054	2.057	2.059	2.076	2.078	2.078	2.071	2.075	2.079	2.090	2.083	0.3%
Metallurgical Coal	0.183	0.182	0.181	0.181	0.181	0.180	0.179	0.178	0.178	0.178	0.178	0.177	0.176	0.175	-0.3%	
Other Coal	0.109	0.109	0.108	0.108	0.108	0.108	0.108	0.108	0.108	0.108	0.108	0.108	0.108	0.108	-0.2%	
Coal-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A	
Net Coal Coke Imports	-0.108	-0.107	-0.107	-0.107	-0.107	-0.106	-0.106	-0.106	-0.106	-0.106	-0.106	-0.105	-0.104	-0.104	-3.1%	
Coal Subtotal	0.185	0.183	0.182	0.182	0.182	0.181	0.181	0.180	0.180	0.181	0.180	0.179	0.179	0.179	3.5%	
Biofuels Heat and Coproducts	0.748	0.759	0.770	0.778	0.791	0.804	0.809	0.819	0.833	0.841	0.851	0.856	0.866	0.876	5.2%	
Renewable Energy 13/	0.144	0.143	0.143	0.143	0.142	0.142	0.141	0.141	0.140	0.140	0.140	0.140	0.139	0.139	-0.2%	
Electricity	1.420	1.428	1.437	1.448	1.456	1.466	1.475	1.484	1.493	1.503	1.514	1.526	1.534	1.545	0.7%	
Delivered Energy	8.992	9.027	9.078	9.115	9.151	9.186	9.217	9.257	9.299	9.333	9.376	9.424	9.460	9.504	0.7%	
Electricity Related Losses	3.493	3.518	3.527	3.566	3.587	3.615	3.637	3.667	3.705	3.744	3.791	3.858	3.933	3.970	1.0%	
Total	12.485	12.545	12.606	12.682	12.738	12.801	12.854	12.924	13.005	13.077	13.167	13.282	13.393	13.474	0.8%	
Electric Power 14/																
Distillate Fuel Oil	0.027	0.028	0.026	0.026	0.025	0.025	0.025	0.026	0.025	0.024	0.025	0.024	0.024	0.024	1.1%	
Residual Fuel Oil	0.283	0.283	0.283	0.283	0.283	0.283	0.283	0.283	0.283	0.283	0.283	0.283	0.283	0.283	-0.1%	
Liquid Fuels Subtotal	0.311	0.311	0.310	0.309	0.308	0.308	0.308	0.308	0.309	0.308	0.308	0.308	0.307	0.307	0.0%	
Natural Gas	0.608	0.627	0.612	0.619	0.609	0.589	0.566	0.539	0.537	0.523	0.516	0.521	0.510	0.507	-0.2%	
Steam Coal	1.964	1.977	2.010	2.056	2.094	2.152	2.204	2.267	2.318	2.383	2.447	2.519	2.615	2.761	2.3%	
Nuclear Power	1.549	1.549	1.549	1.549	1.549	1.549	1.549	1.549	1.549	1.549	1.549	1.549	1.549	1.448	-0.2%	
Renewable Energy 15/	0.470	0.472	0.470	0.471	0.472	0.472	0.474	0.474	0.472	0.472	0.473	0.473	0.473	0.479	0.3%	
Electricity Imports	0.012	0.011	0.013	0.011	0.011	0.012	0.012	0.013	0.012	0.012	0.012	0.013	0.013	0.012	-2.6%	
Total	4.914	4.946	4.964	5.015	5.043	5.081	5.112	5.152	5.198	5.247	5.305	5.383	5.467	5.515	0.9%	

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

	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2005-2030
Total Energy Consumption															
Liquefied Petroleum Gases	0.080	0.081	0.081	0.082	0.082	0.082	0.083	0.083	0.083	0.084	0.084	0.084	0.084	0.084	0.4%
E85 8/	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.003	10.3%
Motor Gasoline 2/	2.019	2.035	2.048	2.064	2.079	2.092	2.107	2.120	2.133	2.149	2.163	2.176	2.190	2.203	0.6%
Jet Fuel 9/	0.441	0.443	0.445	0.443	0.441	0.439	0.437	0.435	0.433	0.431	0.430	0.429	0.428	0.428	0.8%
Kerosene	0.046	0.046	0.045	0.045	0.045	0.044	0.044	0.044	0.044	0.044	0.043	0.043	0.043	0.042	-0.8%
Distillate Fuel Oil	1.219	1.219	1.218	1.222	1.223	1.225	1.231	1.237	1.243	1.250	1.257	1.265	1.271	1.278	0.4%
Residual Fuel Oil	0.503	0.502	0.500	0.499	0.498	0.497	0.498	0.496	0.498	0.496	0.495	0.495	0.496	0.494	-0.2%
Petrochemical Feedstocks	0.124	0.123	0.123	0.122	0.121	0.120	0.118	0.117	0.116	0.115	0.114	0.113	0.112	0.112	0.0%
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	42.3%
Other Petroleum 12/	0.351	0.349	0.339	0.347	0.345	0.342	0.342	0.331	0.332	0.335	0.335	0.343	0.331	0.343	-0.9%
Liquid Fuels Subtotal	4.784	4.797	4.800	4.825	4.835	4.844	4.861	4.864	4.884	4.905	4.924	4.951	4.958	4.990	0.3%
Natural Gas	2.578	2.602	2.614	2.615	2.609	2.592	2.572	2.562	2.562	2.541	2.537	2.546	2.546	2.537	0.2%
Natural-Gas-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Lease and Plant Fuel 6/	0.008	0.008	0.008	0.008	0.008	0.008	0.009	0.009	0.009	0.009	0.009	0.010	0.010	0.010	2.2%
Pipeline Natural Gas	0.044	0.045	0.045	0.045	0.045	0.045	0.045	0.045	0.045	0.044	0.044	0.044	0.044	0.044	0.6%
Natural Gas Subtotal	2.630	2.655	2.667	2.668	2.662	2.646	2.625	2.615	2.616	2.595	2.591	2.600	2.600	2.591	0.2%
Metallurgical Coal	0.183	0.182	0.181	0.181	0.181	0.180	0.179	0.178	0.178	0.178	0.178	0.177	0.176	0.175	-0.3%
Other Coal	2.073	2.085	2.119	2.164	2.202	2.260	2.312	2.375	2.426	2.491	2.555	2.627	2.723	2.869	2.1%
Coal-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Net Coal Coke Imports	-0.108	-0.107	-0.107	-0.107	-0.107	-0.106	-0.106	-0.106	-0.106	-0.106	-0.106	-0.105	-0.104	-0.104	-3.1%
Coal Subtotal	2.148	2.160	2.193	2.238	2.275	2.333	2.385	2.448	2.499	2.564	2.627	2.699	2.794	2.940	2.3%
Nuclear Power	1.549	1.549	1.549	1.549	1.549	1.549	1.549	1.549	1.549	1.549	1.549	1.549	1.549	1.448	-0.2%
Biofuels Heat and Coproducts	0.748	0.759	0.770	0.778	0.791	0.804	0.809	0.819	0.833	0.841	0.851	0.856	0.866	0.876	5.2%
Renewable Energy 16/	0.614	0.615	0.613	0.614	0.614	0.613	0.613	0.615	0.613	0.612	0.613	0.613	0.613	0.618	0.2%
Electricity Imports	0.012	0.011	0.013	0.011	0.011	0.012	0.012	0.013	0.012	0.012	0.012	0.013	0.013	0.012	-2.6%
Total	12.485	12.545	12.606	12.682	12.738	12.801	12.854	12.924	13.005	13.077	13.167	13.282	13.393	13.474	0.8%
Energy Use & Related Statistics															
Delivered Energy Use	8.992	9.027	9.078	9.115	9.151	9.186	9.217	9.257	9.299	9.333	9.376	9.424	9.460	9.504	0.7%
Total Energy Use	12.485	12.545	12.606	12.682	12.738	12.801	12.854	12.924	13.005	13.077	13.167	13.282	13.393	13.474	0.8%
Population (millions)	41.751	41.812	41.865	41.910	41.949	41.983	42.012	42.036	42.054	42.070	42.084	42.096	42.106	42.114	0.2%
Carbon Dioxide Emissions (million metric tons)	661.51	664.87	668.84	674.84	678.79	684.14	689.23	694.98	701.12	707.64	714.75	723.97	733.52	748.78	0.9%

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

- 1/ Includes wood used for residential heating.
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, tire-derived fuel, and miscellaneous petroleum products.
6/ Represents natural gas used in well, field, and lease operations, and in natural gas processing plant machinery.
7/ Includes consumption of energy produced from hydroelectric, wood and wood waste, municipal solid waste, and other biomass sources.
8/ E85 refers to a blend of 85 percent ethanol (renewable) and 15 percent motor gasoline (nonrenewable). To address cold starting issues, the percentage of ethanol actually varies seasonally. The annual average ethanol content of 74 percent is used for this forecast.
9/ Includes only kerosene type.
10/ Diesel fuel for on- and off- road use.
11/ Includes aviation gasoline and lubricants.
12/ Includes unfinished oils, natural gasoline, motor gasoline blending components, aviation gasoline, lubricants, still gas, asphalt, road oil, petroleum coke, tire-derived fuel, and miscellaneous petroleum products.
13/ Includes electricity generated for sale to the grid and for own use from renewable sources, and non-electric energy from renewable sources. Excludes nonmarketed renewable energy consumption for geothermal heat pumps, buildings photovoltaic systems, and solar thermal hot water heaters.
14/ Includes consumption of energy by electricity-only and combined heat and power plants whose primary business is to sell electricity, or electricity and heat, to the public. Includes small power producers and exempt wholesale generators.
15/ Includes conventional hydroelectric, geothermal, wood and wood waste, 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 2004 and 2005 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: 2004 and 2005 consumption based on: Energy Information Administration (EIA), Annual Energy Review 2005, DOE/EIA-0384(2005) (Washington, DC, July 2006). 2004 and 2005 population and gross domestic product: Global Insight macroeconomic model CTL0806. 2004 and 2005 carbon dioxide emissions: EIA, Emissions of Greenhouse Gases in the United States 2005, DOE/EIA-0573(2005) (Washington, DC, December 2006). Projections: EIA, AEO2007 National Energy Modeling System run aeo2007.d112106a.