

Table 6. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)

East South Central	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Energy Consumption															
Residential															
Distillate Fuel	0.003	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	0.003
Kerosene	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
Liquefied Petroleum Gas	0.044	0.043	0.042	0.043	0.042	0.042	0.042	0.042	0.042	0.042	0.042	0.042	0.042	0.042	0.042
Petroleum Subtotal	0.050	0.051	0.050	0.050	0.049	0.049	0.049	0.050	0.050	0.050	0.049	0.049	0.049	0.049	0.049
Natural Gas	0.216	0.204	0.207	0.214	0.215	0.217	0.218	0.220	0.221	0.223	0.222	0.223	0.223	0.224	0.224
Coal	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Renewable Energy 1/	0.025	0.025	0.026	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.028	0.029	0.029	0.029
Electricity	0.369	0.373	0.387	0.388	0.391	0.397	0.402	0.407	0.411	0.417	0.420	0.424	0.428	0.433	0.436
Delivered Energy	0.662	0.653	0.671	0.683	0.685	0.694	0.700	0.706	0.711	0.719	0.721	0.725	0.730	0.736	0.738
Electricity Related Losses	0.872	0.886	0.990	1.004	1.043	1.059	1.073	1.073	1.086	1.097	1.104	1.121	1.123	1.138	1.155
Total	1.534	1.540	1.661	1.687	1.729	1.754	1.773	1.779	1.797	1.815	1.825	1.846	1.854	1.874	1.893
Commercial															
Distillate Fuel	0.018	0.020	0.021	0.020	0.020	0.020	0.021	0.022	0.022	0.022	0.023	0.023	0.023	0.023	0.024
Residual Fuel	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	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	0.001	0.001
Liquefied Petroleum Gas	0.007	0.008	0.008	0.007	0.009	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
Motor Gasoline 2/	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Petroleum Subtotal	0.028	0.030	0.031	0.030	0.031	0.031	0.032	0.032	0.033	0.033	0.034	0.034	0.034	0.034	0.035
Natural Gas	0.151	0.138	0.139	0.142	0.142	0.145	0.147	0.149	0.152	0.156	0.158	0.161	0.164	0.167	0.169
Coal	0.008	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009
Renewable Energy 3/	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
Electricity	0.263	0.276	0.290	0.293	0.302	0.313	0.321	0.330	0.338	0.347	0.356	0.364	0.372	0.381	0.390
Delivered Energy	0.455	0.457	0.474	0.477	0.489	0.501	0.513	0.524	0.536	0.549	0.561	0.572	0.583	0.595	0.607
Electricity Related Losses	0.622	0.655	0.743	0.758	0.807	0.833	0.859	0.870	0.893	0.914	0.936	0.963	0.976	1.001	1.033
Total	1.077	1.112	1.217	1.235	1.296	1.335	1.372	1.393	1.430	1.463	1.496	1.535	1.560	1.596	1.640
Industrial 4/															
Distillate Fuel	0.076	0.080	0.085	0.083	0.082	0.082	0.081	0.081	0.081	0.081	0.082	0.082	0.083	0.083	0.084
Liquefied Petroleum Gas	0.053	0.055	0.054	0.055	0.055	0.055	0.054	0.054	0.054	0.055	0.055	0.055	0.055	0.055	0.056
Petrochemical Feedstocks	0.113	0.124	0.121	0.123	0.124	0.124	0.123	0.123	0.124	0.124	0.125	0.125	0.125	0.125	0.126
Residual Fuel	0.009	0.009	0.010	0.007	0.008	0.009	0.008	0.009	0.009	0.009	0.009	0.008	0.009	0.009	0.009
Motor Gasoline 2/	0.026	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.028
Other Petroleum 5/	0.274	0.284	0.276	0.278	0.303	0.303	0.306	0.308	0.313	0.316	0.317	0.321	0.322	0.330	0.332
Petroleum Subtotal	0.552	0.579	0.573	0.572	0.599	0.599	0.600	0.603	0.608	0.612	0.615	0.619	0.621	0.630	0.634
Natural Gas	0.475	0.496	0.472	0.488	0.498	0.506	0.514	0.517	0.522	0.525	0.527	0.529	0.534	0.535	0.539
Lease and Plant Fuel 6/	0.026	0.026	0.023	0.022	0.022	0.021	0.021	0.021	0.020	0.020	0.020	0.020	0.020	0.020	0.020
Natural Gas Subtotal	0.501	0.522	0.495	0.511	0.520	0.527	0.535	0.538	0.542	0.545	0.547	0.549	0.554	0.555	0.559
Metallurgical Coal	0.081	0.082	0.084	0.082	0.083	0.083	0.083	0.083	0.085	0.085	0.086	0.087	0.087	0.088	0.090
Other Industrial Coal	0.166	0.173	0.173	0.175	0.172	0.173	0.173	0.173	0.173	0.173	0.173	0.173	0.173	0.173	0.173
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	0.000
Net Coal Coke Imports	-0.034	-0.080	-0.051	-0.013	-0.012	-0.012	-0.012	-0.012	-0.012	-0.011	-0.011	-0.011	-0.011	-0.011	-0.010
Coal Subtotal	0.213	0.175	0.206	0.244	0.243	0.244	0.244	0.246	0.247	0.247	0.248	0.250	0.251	0.252	
Renewable Energy 7/	0.259	0.273	0.266	0.272	0.278	0.282	0.286	0.290	0.294	0.297	0.300	0.303	0.306	0.310	0.314
Electricity	0.417	0.427	0.430	0.432	0.434	0.436	0.437	0.440	0.445	0.449	0.453	0.456	0.461	0.466	0.472
Delivered Energy	1.942	1.975	1.971	2.031	2.074	2.088	2.102	2.115	2.135	2.150	2.162	2.176	2.192	2.211	2.231
Electricity Related Losses	0.986	1.014	1.100	1.119	1.158	1.163	1.167	1.160	1.175	1.182	1.191	1.207	1.208	1.224	1.249
Total	2.928	2.989	3.071	3.150	3.232	3.251	3.269	3.275	3.310	3.332	3.353	3.383	3.400	3.435	3.480

Table 6. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)

East South Central	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Transportation															
Distillate Fuel 8/	0.494	0.515	0.523	0.536	0.550	0.562	0.574	0.586	0.599	0.609	0.617	0.625	0.633	0.642	0.651
Jet Fuel 9/	0.158	0.163	0.163	0.167	0.173	0.176	0.181	0.187	0.193	0.196	0.199	0.201	0.204	0.206	0.209
Motor Gasoline 2/	1.128	1.149	1.153	1.156	1.177	1.193	1.211	1.227	1.242	1.254	1.266	1.279	1.292	1.303	1.316
Residual Fuel	0.012	0.013	0.014	0.014	0.014	0.014	0.014	0.014	0.013	0.013	0.013	0.013	0.013	0.013	0.013
Liquefied Petroleum Gas	0.001	0.001	0.002	0.002	0.002	0.003	0.003	0.003	0.003	0.003	0.004	0.004	0.004	0.004	0.004
Other Petroleum 10/	0.011	0.013	0.012	0.012	0.012	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013
Petroleum Subtotal	1.805	1.854	1.867	1.888	1.928	1.960	1.994	2.029	2.062	2.089	2.112	2.135	2.158	2.180	2.205
Pipeline Fuel Natural Gas	0.074	0.074	0.084	0.082	0.082	0.083	0.085	0.084	0.086	0.089	0.092	0.094	0.096	0.098	0.098
Compressed Natural Gas	0.001	0.002	0.002	0.002	0.003	0.003	0.004	0.004	0.005	0.005	0.005	0.006	0.006	0.006	0.007
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	0.000	0.000	0.000	0.000
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Electricity	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Delivered Energy	1.886	1.935	1.959	1.977	2.018	2.052	2.088	2.122	2.158	2.188	2.214	2.240	2.266	2.291	2.316
Electricity Related Losses	0.012	0.012	0.013	0.013	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014
Total	1.897	1.947	1.971	1.990	2.032	2.066	2.102	2.136	2.172	2.202	2.228	2.254	2.280	2.305	2.331
Delivered Energy Consumption, All Sectors															
Distillate Fuel	0.592	0.619	0.632	0.642	0.655	0.667	0.679	0.692	0.705	0.716	0.725	0.733	0.742	0.751	0.761
Kerosene	0.005	0.006	0.005	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
Jet Fuel 9/	0.158	0.163	0.163	0.167	0.173	0.176	0.181	0.187	0.193	0.196	0.199	0.201	0.204	0.206	0.209
Liquefied Petroleum Gas	0.105	0.107	0.107	0.107	0.108	0.107	0.107	0.108	0.108	0.109	0.109	0.109	0.109	0.109	0.110
Motor Gasoline 2/	1.155	1.177	1.181	1.184	1.205	1.222	1.239	1.255	1.270	1.283	1.294	1.307	1.320	1.331	1.344
Petrochemical Feedstocks	0.113	0.124	0.121	0.123	0.124	0.124	0.123	0.123	0.124	0.124	0.125	0.125	0.125	0.125	0.126
Residual Fuel	0.022	0.023	0.025	0.022	0.023	0.023	0.022	0.023	0.022	0.022	0.023	0.022	0.022	0.022	0.022
Other Petroleum 12/	0.285	0.295	0.287	0.289	0.315	0.314	0.318	0.320	0.324	0.327	0.329	0.333	0.334	0.342	0.343
Petroleum Subtotal	2.435	2.514	2.522	2.540	2.608	2.640	2.675	2.714	2.752	2.783	2.809	2.836	2.862	2.894	2.923
Natural Gas	0.844	0.839	0.820	0.847	0.858	0.871	0.883	0.890	0.900	0.908	0.913	0.919	0.927	0.932	0.939
Lease and Plant Fuel 6/	0.026	0.026	0.023	0.022	0.022	0.021	0.021	0.021	0.020	0.020	0.020	0.020	0.020	0.020	0.020
Pipeline Natural Gas	0.074	0.074	0.084	0.082	0.082	0.083	0.085	0.084	0.086	0.089	0.092	0.094	0.096	0.098	0.098
Natural Gas Subtotal	0.944	0.940	0.927	0.951	0.962	0.976	0.989	0.995	1.006	1.017	1.025	1.033	1.043	1.050	1.057
Metallurgical Coal	0.081	0.082	0.084	0.082	0.083	0.083	0.083	0.083	0.085	0.085	0.086	0.087	0.087	0.088	0.090
Other Coal	0.175	0.183	0.183	0.185	0.182	0.183	0.183	0.183	0.183	0.183	0.183	0.183	0.183	0.183	0.183
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	0.000
Net Coal Coke Imports	-0.034	-0.080	-0.051	-0.013	-0.012	-0.012	-0.012	-0.012	-0.012	-0.011	-0.011	-0.011	-0.011	-0.011	-0.010
Coal Subtotal	0.222	0.185	0.216	0.254	0.253	0.253	0.254	0.254	0.256	0.257	0.257	0.258	0.260	0.261	0.262
Renewable Energy 13/	0.288	0.302	0.297	0.305	0.311	0.315	0.319	0.323	0.327	0.330	0.333	0.336	0.339	0.343	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	0.000	0.000
Electricity	1.055	1.080	1.112	1.118	1.133	1.151	1.165	1.181	1.199	1.218	1.233	1.250	1.267	1.286	1.303
Delivered Energy	4.945	5.021	5.075	5.169	5.267	5.336	5.403	5.468	5.541	5.605	5.658	5.713	5.771	5.833	5.892
Electricity Related Losses	2.492	2.567	2.845	2.893	3.022	3.069	3.113	3.116	3.168	3.207	3.245	3.305	3.322	3.377	3.451
Total	7.437	7.588	7.920	8.062	8.289	8.405	8.515	8.584	8.709	8.813	8.903	9.019	9.093	9.210	9.343
Electric Power 14/															
Distillate Fuel	0.013	0.015	0.017	0.018	0.018	0.018	0.019	0.020	0.018	0.019	0.018	0.019	0.020	0.021	
Residual Fuel	0.045	0.058	0.059	0.052	0.028	0.028	0.029	0.029	0.029	0.030	0.030	0.031	0.031	0.031	0.031
Petroleum Subtotal	0.058	0.072	0.077	0.070	0.046	0.046	0.048	0.049	0.047	0.049	0.049	0.049	0.050	0.051	0.052
Natural Gas	0.197	0.236	0.412	0.401	0.397	0.405	0.421	0.417	0.472	0.516	0.566	0.584	0.584	0.602	0.600
Steam Coal	2.365	2.387	2.520	2.550	2.601	2.653	2.691	2.710	2.725	2.729	2.731	2.782	2.818	2.864	2.953
Nuclear Power	0.709	0.735	0.728	0.748	0.857	0.857	0.857	0.857	0.857	0.865	0.865	0.865	0.865	0.865	0.865
Renewable Energy/Other 15/	0.218	0.216	0.220	0.244	0.254	0.259	0.261	0.265	0.267	0.266	0.268	0.276	0.273	0.281	0.284
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	0.000	0.000
Total	3.548	3.647	3.957	4.012	4.155	4.221	4.278	4.297	4.367	4.425	4.478	4.555	4.589	4.663	4.754

Table 6. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)

East South Central

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Total Energy Consumption															
Distillate Fuel	0.605	0.634	0.649	0.659	0.673	0.685	0.699	0.713	0.723	0.734	0.743	0.752	0.761	0.772	0.783
Kerosene	0.005	0.006	0.005	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
Jet Fuel 9/	0.158	0.163	0.163	0.167	0.173	0.176	0.181	0.187	0.193	0.196	0.199	0.201	0.204	0.206	0.209
Liquefied Petroleum Gas	0.105	0.107	0.107	0.107	0.108	0.107	0.107	0.108	0.108	0.109	0.109	0.109	0.109	0.109	0.110
Motor Gasoline 2/	1.155	1.177	1.181	1.184	1.205	1.222	1.239	1.255	1.270	1.283	1.294	1.307	1.320	1.331	1.344
Petrochemical Feedstocks	0.113	0.124	0.121	0.123	0.124	0.124	0.123	0.123	0.124	0.124	0.125	0.125	0.125	0.125	0.126
Residual Fuel	0.067	0.081	0.085	0.074	0.051	0.051	0.050	0.052	0.051	0.053	0.053	0.053	0.053	0.053	0.053
Other Petroleum 12/	0.285	0.295	0.287	0.289	0.315	0.314	0.318	0.320	0.324	0.327	0.329	0.333	0.334	0.342	0.343
Petroleum Subtotal	2.494	2.587	2.599	2.610	2.654	2.686	2.723	2.764	2.799	2.832	2.858	2.885	2.912	2.945	2.975
Natural Gas	1.041	1.075	1.232	1.247	1.255	1.277	1.304	1.307	1.372	1.424	1.478	1.503	1.511	1.534	1.539
Lease and Plant Fuel 6/	0.026	0.026	0.023	0.022	0.022	0.021	0.021	0.021	0.020	0.020	0.020	0.020	0.020	0.020	0.020
Pipeline Natural Gas	0.074	0.074	0.084	0.082	0.082	0.083	0.085	0.084	0.086	0.089	0.092	0.094	0.096	0.098	0.098
Natural Gas Subtotal	1.141	1.176	1.339	1.351	1.359	1.381	1.410	1.411	1.478	1.533	1.590	1.617	1.627	1.652	1.657
Metallurgical Coal	0.081	0.082	0.084	0.082	0.083	0.083	0.083	0.083	0.085	0.085	0.086	0.087	0.087	0.088	0.090
Other Coal	2.540	2.570	2.703	2.734	2.784	2.836	2.874	2.893	2.908	2.912	2.914	2.965	3.000	3.047	3.137
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	0.000
Net Coal Coke Imports	-0.034	-0.080	-0.051	-0.013	-0.012	-0.012	-0.012	-0.012	-0.012	-0.011	-0.011	-0.011	-0.011	-0.011	-0.010
Coal Subtotal	2.587	2.572	2.737	2.804	2.854	2.906	2.945	2.964	2.981	2.986	2.988	3.040	3.077	3.124	3.216
Nuclear Power	0.709	0.735	0.728	0.748	0.857	0.857	0.857	0.857	0.857	0.865	0.865	0.865	0.865	0.865	0.865
Renewable Energy 16/	0.507	0.518	0.518	0.549	0.565	0.575	0.580	0.588	0.593	0.597	0.601	0.611	0.613	0.624	0.631
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
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	0.000	0.000
Total	7.437	7.588	7.920	8.062	8.289	8.405	8.515	8.584	8.709	8.813	8.903	9.019	9.093	9.210	9.343

Energy Use and Related Statistics

Delivered Energy Use	4.945	5.021	5.075	5.169	5.267	5.336	5.403	5.468	5.541	5.605	5.658	5.713	5.771	5.833	5.892
Total Energy Use	7.437	7.588	7.920	8.062	8.289	8.405	8.515	8.584	8.709	8.813	8.903	9.019	9.093	9.210	9.343
Population (millions)	17.385	17.506	17.606	17.705	17.802	17.897	17.993	18.088	18.182	18.276	18.369	18.460	18.551	18.641	18.730
US GDP (billion 2000 dollars)	10321	10756	11147	11513	11875	12288	12671	13043	13417	13793	14191	14622	15082	15575	16092
Carbon Dioxide Emissions (million metric tons)	5795	5900	5967	5978	6080	6182	6281	6365	6440	6536	6595	6654	6718	6794	6869

Table 6. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)

East South Central	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2004-2030
Energy Consumption														
Residential														
Distillate Fuel	0.003	0.003	0.003	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	-2.4%
Kerosene	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.005	0.005	0.6%
Liquefied Petroleum Gas	0.042	0.042	0.042	0.042	0.042	0.042	0.042	0.042	0.042	0.043	0.043	0.043	0.043	0.0%
Petroleum Subtotal	0.049	0.049	0.049	0.049	0.049	0.049	0.049	0.049	0.049	0.049	0.049	0.049	0.049	-0.1%
Natural Gas	0.223	0.223	0.223	0.222	0.222	0.221	0.221	0.219	0.219	0.218	0.218	0.217	0.216	0.2%
Coal	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	-0.2%
Renewable Energy 1/	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.6%
Electricity	0.440	0.443	0.448	0.451	0.454	0.457	0.462	0.464	0.468	0.471	0.476	0.479	0.482	1.0%
Delivered Energy	0.742	0.745	0.751	0.751	0.754	0.757	0.762	0.765	0.769	0.774	0.775	0.778	0.778	0.7%
Electricity Related Losses	1.183	1.228	1.266	1.297	1.333	1.375	1.428	1.463	1.499	1.543	1.593	1.633	1.661	2.4%
Total	1.925	1.973	2.016	2.048	2.087	2.132	2.190	2.225	2.265	2.312	2.366	2.408	2.439	1.8%
Commercial														
Distillate Fuel	0.024	0.024	0.025	0.025	0.025	0.026	0.026	0.026	0.027	0.027	0.028	0.028	0.028	1.3%
Residual Fuel	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	-0.7%
Kerosene	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	1.2%
Liquefied Petroleum Gas	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.009	0.009	0.008	0.008	0.009	0.009	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	0.001	0.001	0.4%
Petroleum Subtotal	0.035	0.035	0.036	0.036	0.036	0.037	0.037	0.037	0.038	0.038	0.038	0.039	0.039	1.0%
Natural Gas	0.171	0.174	0.176	0.178	0.180	0.183	0.185	0.187	0.190	0.192	0.195	0.198	0.201	1.4%
Coal	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	N/A
Renewable Energy 3/	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.0%
Electricity	0.399	0.408	0.417	0.427	0.437	0.447	0.458	0.468	0.479	0.490	0.502	0.513	0.525	2.5%
Delivered Energy	0.619	0.630	0.642	0.654	0.667	0.680	0.693	0.706	0.720	0.734	0.748	0.764	0.778	2.1%
Electricity Related Losses	1.073	1.130	1.178	1.229	1.283	1.345	1.416	1.475	1.536	1.604	1.678	1.751	1.808	4.0%
Total	1.692	1.760	1.820	1.883	1.950	2.025	2.109	2.181	2.256	2.338	2.426	2.514	2.587	3.3%
Industrial 4/														
Distillate Fuel	0.084	0.085	0.085	0.086	0.086	0.086	0.087	0.088	0.089	0.090	0.091	0.092	0.093	0.6%
Liquefied Petroleum Gas	0.056	0.057	0.057	0.058	0.058	0.059	0.059	0.060	0.060	0.061	0.061	0.062	0.062	0.5%
Petrochemical Feedstocks	0.128	0.129	0.129	0.130	0.131	0.132	0.133	0.133	0.134	0.136	0.136	0.138	0.139	0.4%
Residual Fuel	0.009	0.009	0.008	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.010	0.010	0.1%
Motor Gasoline 2/	0.028	0.028	0.028	0.028	0.028	0.028	0.028	0.029	0.029	0.029	0.029	0.030	0.030	0.4%
Other Petroleum 5/	0.334	0.339	0.341	0.344	0.348	0.349	0.359	0.365	0.371	0.380	0.387	0.393	0.395	1.3%
Petroleum Subtotal	0.639	0.646	0.648	0.654	0.660	0.663	0.676	0.684	0.693	0.705	0.714	0.723	0.729	0.9%
Natural Gas	0.542	0.544	0.548	0.550	0.554	0.561	0.562	0.567	0.572	0.575	0.578	0.582	0.589	0.7%
Lease and Plant Fuel 6/	0.020	0.020	0.020	0.020	0.019	0.019	0.019	0.019	0.019	0.019	0.019	0.019	0.020	-1.1%
Natural Gas Subtotal	0.562	0.564	0.568	0.569	0.573	0.580	0.582	0.586	0.591	0.594	0.597	0.602	0.609	0.6%
Metallurgical Coal	0.091	0.092	0.092	0.093	0.094	0.096	0.097	0.098	0.100	0.102	0.104	0.105	0.107	1.0%
Other Industrial Coal	0.173	0.174	0.174	0.174	0.174	0.174	0.174	0.175	0.175	0.175	0.176	0.176	0.176	0.1%
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	N/A
Net Coal Coke Imports	-0.010	-0.010	-0.010	-0.010	-0.009	-0.009	-0.009	-0.009	-0.009	-0.008	-0.008	-0.008	-0.008	-8.5%
Coal Subtotal	0.254	0.255	0.256	0.257	0.259	0.260	0.262	0.264	0.266	0.269	0.271	0.273	0.275	1.8%
Renewable Energy 7/	0.318	0.321	0.325	0.329	0.333	0.337	0.341	0.346	0.351	0.356	0.361	0.366	0.371	1.2%
Electricity	0.478	0.482	0.486	0.491	0.496	0.502	0.508	0.516	0.524	0.533	0.541	0.549	0.557	1.0%
Delivered Energy	2.250	2.268	2.284	2.301	2.322	2.342	2.369	2.396	2.426	2.456	2.484	2.513	2.541	1.0%
Electricity Related Losses	1.286	1.336	1.372	1.414	1.457	1.508	1.573	1.625	1.680	1.743	1.808	1.872	1.916	2.5%
Total	3.536	3.604	3.656	3.715	3.779	3.850	3.942	4.022	4.106	4.199	4.292	4.385	4.457	1.5%

Table 6. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)

East South Central	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2004-2030
Transportation														
Distillate Fuel 8/	0.660	0.669	0.678	0.688	0.698	0.709	0.721	0.733	0.747	0.761	0.775	0.789	0.804	1.7%
Jet Fuel 9/	0.212	0.213	0.214	0.214	0.214	0.214	0.215	0.215	0.216	0.216	0.217	0.219	0.221	1.2%
Motor Gasoline 2/	1.329	1.340	1.351	1.361	1.371	1.381	1.391	1.401	1.411	1.422	1.432	1.442	1.452	0.9%
Residual Fuel	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	-0.1%
Liquefied Petroleum Gas	0.004	0.004	0.004	0.004	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	5.0%
Other Petroleum 10/	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.2%
Petroleum Subtotal	2.230	2.252	2.273	2.293	2.314	2.335	2.357	2.380	2.405	2.430	2.455	2.482	2.509	1.2%
Pipeline Fuel Natural Gas	0.098	0.098	0.097	0.095	0.094	0.093	0.091	0.090	0.088	0.087	0.086	0.084	0.084	0.4%
Compressed Natural Gas	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	6.9%
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	0.000	0.000	6.2%
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Electricity	0.005	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.6%
Delivered Energy	2.341	2.364	2.383	2.402	2.422	2.442	2.463	2.484	2.508	2.532	2.557	2.582	2.608	1.2%
Electricity Related Losses	0.015	0.015	0.016	0.016	0.016	0.017	0.018	0.018	0.018	0.019	0.019	0.020	0.020	2.0%
Total	2.356	2.379	2.398	2.418	2.438	2.459	2.481	2.502	2.526	2.551	2.576	2.602	2.628	1.2%
Delivered Energy Consumption, All Sectors														
Distillate Fuel	0.771	0.780	0.790	0.801	0.812	0.824	0.837	0.850	0.865	0.880	0.895	0.911	0.927	1.6%
Kerosene	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.6%
Jet Fuel 9/	0.212	0.213	0.214	0.214	0.214	0.214	0.215	0.215	0.216	0.216	0.217	0.219	0.221	1.2%
Liquefied Petroleum Gas	0.111	0.111	0.112	0.112	0.113	0.114	0.114	0.115	0.116	0.117	0.117	0.118	0.119	0.4%
Motor Gasoline 2/	1.357	1.369	1.380	1.390	1.400	1.410	1.420	1.431	1.441	1.452	1.463	1.473	1.483	0.9%
Petrochemical Feedstocks	0.128	0.129	0.129	0.130	0.131	0.132	0.133	0.133	0.134	0.136	0.136	0.138	0.139	0.4%
Residual Fuel	0.022	0.023	0.022	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.0%
Other Petroleum 12/	0.346	0.350	0.353	0.356	0.360	0.360	0.371	0.377	0.383	0.392	0.399	0.405	0.408	1.2%
Petroleum Subtotal	2.953	2.982	3.006	3.032	3.059	3.084	3.119	3.150	3.185	3.222	3.257	3.293	3.326	1.1%
Natural Gas	0.944	0.948	0.955	0.958	0.964	0.972	0.976	0.982	0.989	0.994	1.000	1.006	1.016	0.7%
Lease and Plant Fuel 6/	0.020	0.020	0.020	0.020	0.019	0.019	0.019	0.019	0.019	0.019	0.019	0.019	0.020	-1.1%
Pipeline Natural Gas	0.098	0.098	0.097	0.095	0.094	0.093	0.091	0.090	0.088	0.087	0.086	0.084	0.084	0.4%
Natural Gas Subtotal	1.062	1.066	1.071	1.072	1.077	1.084	1.087	1.092	1.097	1.100	1.106	1.110	1.119	0.7%
Metallurgical Coal	0.091	0.092	0.092	0.093	0.094	0.096	0.097	0.098	0.100	0.102	0.104	0.105	0.107	1.0%
Other Coal	0.183	0.183	0.184	0.184	0.184	0.184	0.184	0.184	0.185	0.185	0.186	0.186	0.186	0.1%
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	N/A
Net Coal Coke Imports	-0.010	-0.010	-0.010	-0.010	-0.009	-0.009	-0.009	-0.009	-0.009	-0.008	-0.008	-0.008	-0.008	-8.5%
Coal Subtotal	0.264	0.265	0.266	0.267	0.269	0.270	0.272	0.274	0.276	0.279	0.281	0.283	0.285	1.7%
Renewable Energy 13/	0.351	0.355	0.358	0.362	0.366	0.370	0.375	0.379	0.384	0.389	0.394	0.399	0.404	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	0.000	0.000	N/A
Electricity	1.322	1.339	1.357	1.374	1.393	1.412	1.433	1.454	1.477	1.500	1.524	1.547	1.570	1.4%
Delivered Energy	5.952	6.008	6.059	6.109	6.164	6.221	6.287	6.349	6.419	6.490	6.562	6.633	6.705	1.1%
Electricity Related Losses	3.557	3.709	3.832	3.956	4.089	4.245	4.434	4.582	4.734	4.910	5.098	5.276	5.406	2.9%
Total	9.509	9.717	9.891	10.065	10.253	10.466	10.721	10.931	11.153	11.400	11.660	11.909	12.111	1.8%
Electric Power 14/														
Distillate Fuel	0.022	0.023	0.023	0.023	0.023	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	1.8%
Residual Fuel	0.030	0.030	0.029	0.029	0.028	0.027	0.027	0.026	0.023	0.022	0.022	0.020	0.020	-4.0%
Petroleum Subtotal	0.053	0.053	0.052	0.052	0.051	0.051	0.051	0.050	0.047	0.046	0.045	0.044	0.044	-1.9%
Natural Gas	0.581	0.582	0.557	0.535	0.513	0.508	0.502	0.486	0.483	0.480	0.481	0.463	0.474	2.7%
Steam Coal	3.096	3.263	3.430	3.593	3.764	3.945	4.162	4.344	4.521	4.725	4.939	5.161	5.305	3.1%
Nuclear Power	0.865	0.865	0.865	0.865	0.865	0.865	0.865	0.865	0.865	0.865	0.865	0.865	0.865	0.6%
Renewable Energy/Other 15/	0.284	0.286	0.285	0.285	0.289	0.288	0.288	0.291	0.296	0.295	0.292	0.291	0.289	1.1%
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	N/A
Total	4.879	5.048	5.189	5.330	5.482	5.657	5.868	6.035	6.211	6.410	6.623	6.823	6.976	2.5%

Table 6. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)

East South Central	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2004-2030
Total Energy Consumption														
Distillate Fuel	0.794	0.803	0.813	0.824	0.835	0.847	0.861	0.874	0.889	0.904	0.919	0.934	0.951	1.6%
Kerosene	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.6%
Jet Fuel 9/	0.212	0.213	0.214	0.214	0.214	0.214	0.215	0.215	0.216	0.216	0.217	0.219	0.221	1.2%
Liquefied Petroleum Gas	0.111	0.111	0.112	0.112	0.113	0.114	0.114	0.115	0.116	0.117	0.117	0.118	0.119	0.4%
Motor Gasoline 2/	1.357	1.369	1.380	1.390	1.400	1.410	1.420	1.431	1.441	1.452	1.463	1.473	1.483	0.9%
Petrochemical Feedstocks	0.128	0.129	0.129	0.130	0.131	0.132	0.133	0.133	0.134	0.136	0.136	0.138	0.139	0.4%
Residual Fuel	0.053	0.052	0.051	0.052	0.051	0.050	0.050	0.049	0.045	0.044	0.044	0.044	0.044	-2.4%
Other Petroleum 12/	0.346	0.350	0.353	0.356	0.360	0.360	0.371	0.377	0.383	0.392	0.399	0.405	0.408	1.2%
Petroleum Subtotal	3.006	3.035	3.058	3.084	3.110	3.134	3.170	3.200	3.231	3.268	3.302	3.337	3.370	1.0%
Natural Gas	1.525	1.530	1.513	1.493	1.477	1.481	1.478	1.469	1.473	1.474	1.482	1.470	1.490	1.3%
Lease and Plant Fuel 6/	0.020	0.020	0.020	0.020	0.019	0.019	0.019	0.019	0.019	0.019	0.019	0.019	0.020	-1.1%
Pipeline Natural Gas	0.098	0.098	0.097	0.095	0.094	0.093	0.091	0.090	0.088	0.087	0.086	0.084	0.084	0.4%
Natural Gas Subtotal	1.643	1.648	1.629	1.608	1.590	1.593	1.589	1.578	1.580	1.580	1.587	1.574	1.593	1.2%
Metallurgical Coal	0.091	0.092	0.092	0.093	0.094	0.096	0.097	0.098	0.100	0.102	0.104	0.105	0.107	1.0%
Other Coal	3.279	3.447	3.614	3.777	3.948	4.129	4.346	4.528	4.705	4.910	5.125	5.347	5.491	3.0%
Coal-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Net Coal Coke Imports	-0.010	-0.010	-0.010	-0.010	-0.009	-0.009	-0.009	-0.009	-0.009	-0.008	-0.008	-0.008	-0.008	-8.5%
Coal Subtotal	3.360	3.528	3.696	3.860	4.033	4.215	4.435	4.618	4.797	5.003	5.220	5.444	5.590	3.0%
Nuclear Power	0.865	0.865	0.865	0.865	0.865	0.865	0.865	0.865	0.865	0.865	0.865	0.865	0.865	0.6%
Renewable Energy 16/	0.635	0.640	0.644	0.648	0.655	0.659	0.663	0.670	0.680	0.684	0.686	0.690	0.693	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	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	0.000	0.000	N/A
Total	9.509	9.717	9.891	10.065	10.253	10.466	10.721	10.931	11.153	11.400	11.660	11.909	12.111	1.8%

Energy Use and Related Statistics

Delivered Energy Use	5.952	6.008	6.059	6.109	6.164	6.221	6.287	6.349	6.419	6.490	6.562	6.633	6.705	1.1%
Total Energy Use	9.509	9.717	9.891	10.065	10.253	10.466	10.721	10.931	11.153	11.400	11.660	11.909	12.111	1.8%
Population (millions)	18.819	18.907	18.994	19.083	19.172	19.261	19.352	19.444	19.536	19.629	19.722	19.816	19.910	0.5%
US GDP (billion 2000 dollars)	16599	17064	17541	18021	18515	19026	19562	20123	20701	21286	21871	22482	23112	3.0%
Carbon Dioxide Emissions (million metric tons)	6952	7030	7119	7206	7296	7387	7494	7587	7690	7799	7912	8019	8114	1.2%

Table 6. Energy Consumption by Sector and Source

(quadrillion Btu, unless otherwise noted)

East South Central

1/ Includes wood used for residential heating. See Annual Energy Outlook 2006 Appendix A Table 4 and/or Table 17 for estimates of nonmarketed renewable energy consumption for geothermal heat pumps, solar thermal hot water heating, and solar photovoltaic electricity generation.

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

3/ Includes commercial sector consumption of wood and wood waste, landfill gas, municipal solid waste, and other biomass for combined heat and power. See Annual Energy Outlook 2006 Appendix A Table 17 for estimates of nonmarketed renewable energy consumption for solar thermal hot water heating and solar photovoltaic electricity generation.

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 for on- and off-road use.

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 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 2003 and 2004 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: 2003 and 2004 consumption based on: Energy Information Administration (EIA), Annual Energy Review 2004, DOE/EIA-0384(2004) (Washington, DC, August 2005). 2003 and 2004 population and gross domestic product: Global Insight macroeconomic model CTL0805. 2003 and 2004 carbon dioxide emissions: EIA, Emissions of Greenhouse Gases in the United States 2004, DOE/EIA-0573(2004) (Washington, DC, December 2005). Projections: EIA, AEO2006 National Energy Modeling System run aeo2006.d111905a.