

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

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

Table 5. Energy Consumption by Sector and Source
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1/ Includes wood used for residential heating. See Table 4 and/or Table 17 for estimates of nonmarketed renewable energy consumption for geothermal heat pumps, solar thermal hot water heating, and solar photovoltaic electricity generation.
2/ Includes ethanol (blends of 10 percent or less) and ethers blended into gasoline.
3/ Includes commercial sector consumption of wood and wood waste, landfill gas, municipal solid waste, and other biomass for combined heat and power.
4/ Includes energy for combined heat and power plants, except those whose primary business is to sell electricity, or electricity and heat, to the public.
5/ Includes petroleum coke, asphalt, road oil, lubricants, still gas, and miscellaneous petroleum products.
6/ Represents natural gas used in well, field, and lease operations, and in natural gas processing plant machinery.
7/ Includes consumption of energy produced from hydroelectric, wood and wood waste, municipal solid waste, and other biomass sources.
8/ E85 refers to a blend of 85 percent ethanol (renewable) and 15 percent motor gasoline (nonrenewable). To address cold starting issues, the percentage of ethanol varies seasonally. The annual average ethanol content of 74 percent is used for this forecast.
9/ Includes only kerosene type.
10/ Diesel fuel for on- and off- road use.
11/ Includes aviation gasoline and lubricants.
12/ Includes unfinished oils, natural gasoline, motor gasoline blending components, aviation gasoline, lubricants, still gas, asphalt, road oil, petroleum coke, and miscellaneous petroleum products.
13/ Includes electricity generated for sale to the grid and for own use from renewable sources, and non-electric energy from renewable sources. Excludes nonmarketed renewable energy consumption for geothermal heat pumps, buildings photovoltaic systems, and solar thermal hot water heaters.
14/ Includes consumption of energy by electricity-only and combined heat and power plants whose primary business is to sell electricity, or electricity and heat, to the public. Includes small power producers and exempt wholesale generators.
15/ Includes conventional hydroelectric, geothermal, wood and wood waste, biogenic municipal solid waste, other biomass, petroleum coke, wind, photovoltaic and solar thermal sources. Excludes net electricity imports.
16/ Includes non-biogenic municipal waste not included above.
17/ Includes hydroelectric, geothermal, wood and wood waste, biogenic municipal solid waste, other biomass, wind, photovoltaic and solar thermal sources. Includes ethanol components of E85; excludes ethanol blends (10 percent or less) in motor gasoline. Excludes net electricity imports and nonmarketed renewable energy consumption for geothermal heat pumps, buildings photovoltaic systems, and solar thermal hot water heaters.

Btu = British thermal unit.

-- = Not applicable.

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

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