

**3.1.4 2010 Commercial Energy End-Use Splits, by Fuel Type (Quadrillion Btu)**

	Natural Gas		Fuel Oil (1)		LPG	Other Fuel(2)		Renw. En.(3)	Site Electric	Site		Primary Electric (4)	Primary	
	Gas	Oil (1)	Fuel(2)	En.(3)		Total	Percent			Total	Percent			
Lighting									1.19	1.19	13.6%	3.69	3.69	20.2%
Space Heating	1.65	0.22		0.06		0.11		0.28	2.33	2.33	26.6%	0.88	2.93	16.0%
Space Cooling	0.04							0.84	0.88	0.88	10.1%	2.60	2.64	14.5%
Ventilation								0.54	0.54	0.54	6.1%	1.66	1.66	9.1%
Refrigeration								0.39	0.39	0.39	4.5%	1.21	1.21	6.6%
Water Heating	0.44	0.03				0.03		0.09	0.58	0.58	6.7%	0.28	0.78	4.3%
Electronics								0.26	0.26	0.26	3.0%	0.81	0.81	4.4%
Computers								0.21	0.21	0.21	2.4%	0.66	0.66	3.6%
Cooking	0.18							0.02	0.20	0.20	2.3%	0.07	0.25	1.4%
Other (5)	0.30	0.01	0.14	0.05		0.01		0.69	1.20	1.20	13.7%	2.13	2.64	14.5%
Adjust to SEDS (6)	0.68	0.25						0.02	0.95	0.95	10.9%	0.06	0.99	5.4%
<b>Total</b>	<b>3.29</b>	<b>0.52</b>	<b>0.14</b>	<b>0.12</b>	<b>0.14</b>	<b>0.14</b>	<b>0.14</b>	<b>4.54</b>	<b>8.74</b>	<b>8.74</b>	<b>100%</b>	<b>14.05</b>	<b>18.26</b>	<b>100%</b>

Note(s): 1) Includes (0.43 quad) distillate fuel oil and (0.08 quad) residual fuel oil. 2) Kerosene (0.01 quad) and coal (0.06 quad) are assumed attributable to space heating. Motor gasoline (0.05 quad) assumed attributable to other end-uses. 3) Comprised of (0.11 quad) biomass, (0.03 quad) solar water heating, (less than 0.01 quad) solar PV, and (less than 0.01 quad) wind. 4) Site-to-source electricity conversion (due to generation and transmission losses) = 3.10. 5) Includes service station equipment, ATMs, telecommunications equipment, medical equipment, pumps, emergency electric generators, combined heat and power in commercial buildings, and manufacturing performed in commercial buildings. 6) Energy adjustment EIA uses to relieve discrepancies between data sources. Energy attributable to the commercial buildings sector, but not directly to specific end-uses.

Source(s): EIA, Annual Energy Outlook 2012 Early Release, Jan. 2012, Summary Reference Case Tables, Tables A2, p. 3-5, Table A5, p. 11-12, and Table A17, p. 34-35; EIA, National Energy Modeling System (NEMS) for AEO 2012 Early Release, Jan. 2012; BTS/A.D. Little, Energy Consumption Characteristics of Commercial Building HVAC Systems, Volume II: Thermal Distribution, Auxiliary Equipment, and Ventilation, Oct. 1999, p. 1-2 and 5-25 - 5-26; EIA, AEO 1998, Dec. 1997, Table A5, p. 108-109 for 1995 ventilation; and DOE/Navigant Consulting, 2010 U.S. Lighting Market Characterization, Jan. 2012, Table 4.8, p. 34; EIA, Supplement to the AEO 2012 Early Release, Jan. 2012, Table 32.