

Table 33. Other Industrial Sector Energy Consumption (trillion Btu)

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Fabricated Metal Product Consumption 1/													
Liquefied Petroleum Gases	2.0	1.9	1.9	1.8	1.9	2.0	2.1	2.1	2.1	2.1	2.2	2.2	2.2
Distillate Fuel Oil	3.3	3.1	3.0	2.7	2.7	2.7	2.7	2.8	2.7	2.7	2.7	2.6	2.6
Residual Fuel Oil	2.5	2.4	2.3	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0	1.9
Petroleum Coke	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Petroleum Subtotal	7.8	7.4	7.2	6.7	6.7	6.8	6.9	7.0	6.9	6.8	6.8	6.8	6.7
Natural Gas	191.9	193.8	194.0	187.8	185.9	188.4	191.1	192.5	191.6	190.5	189.8	189.3	187.5
Metallurgical Coal	3.6	3.5	3.4	3.3	3.2	3.1	3.1	3.0	2.9	2.8	2.7	2.6	2.6
Steam Coal	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Renewables	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Purchased Electricity	159.0	162.2	162.8	159.8	159.9	163.5	166.8	168.7	168.4	168.0	167.8	167.7	167.1
Total	362.5	367.2	367.6	357.7	355.9	361.9	368.0	371.3	369.9	368.2	367.3	366.6	364.0
Machinery Consumption 1/													
Liquefied Petroleum Gases	1.2	1.2	1.2	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Distillate Fuel Oil	0.7	0.7	0.7	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Residual Fuel Oil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Petroleum Coke	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Petroleum Subtotal	1.9	1.9	1.9	1.8	1.8	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0
Natural Gas	75.2	78.0	79.6	79.0	80.0	81.5	82.6	83.7	84.2	84.8	85.7	86.4	86.5
Steam Coal	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Renewables	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Purchased Electricity	86.5	90.9	92.3	92.0	94.3	96.2	97.4	99.1	100.1	101.3	102.6	103.9	104.6
Total	166.1	173.4	176.3	175.3	178.7	182.1	184.4	187.1	188.7	190.5	192.7	194.7	195.5
Computers Consumption 1/													
Liquefied Petroleum Gases	0.5	0.5	0.5	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Distillate Fuel Oil	0.2	0.5	0.4	0.3	0.4	0.4	0.4	0.4	0.3	0.4	0.4	0.5	0.6
Residual Fuel Oil	0.2	0.4	0.3	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.4	0.4	0.5
Petroleum Coke	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Petroleum Subtotal	0.9	1.4	1.2	1.0	1.3	1.3	1.2	1.2	1.1	1.2	1.3	1.5	1.6
Natural Gas	48.1	55.1	55.7	56.6	61.1	63.6	62.4	61.6	61.5	63.6	66.6	70.2	73.4
Steam Coal	17.2	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6
Renewables	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Purchased Electricity	121.0	128.0	129.7	131.4	137.2	140.9	142.8	145.1	148.2	152.6	157.5	162.7	167.6
Total	187.2	199.1	201.2	203.7	214.2	220.5	221.1	222.5	225.4	232.0	240.0	249.0	257.3
Transportation Equipment Consumption 1/													
Liquefied Petroleum Gases	1.8	1.7	1.7	1.5	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7
Distillate Fuel Oil	1.6	1.6	1.5	1.2	1.4	1.4	1.5	1.6	1.6	1.5	1.5	1.5	1.5
Residual Fuel Oil	8.5	7.8	6.9	4.2	5.2	5.1	5.3	5.5	5.5	5.3	5.5	5.7	5.7
Petroleum Coke	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Petroleum Subtotal	11.9	11.1	10.0	7.0	8.1	8.1	8.4	8.8	8.7	8.5	8.7	8.9	8.9
Natural Gas	185.8	184.6	183.2	180.1	182.3	187.2	196.4	199.2	197.0	193.8	192.0	190.8	188.1
Steam Coal	3.1	3.2	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	3.0
Renewables	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Purchased Electricity	170.5	171.1	169.0	165.4	169.4	174.8	184.7	188.2	186.2	183.1	181.4	180.5	178.3
Total	371.4	370.0	365.4	355.6	363.0	373.2	392.7	399.3	395.1	388.4	385.1	383.3	378.3

Table 33. Other Industrial Sector Energy Consumption (trillion Btu)

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Electrical Equipment Consumption 1/													
Liquefied Petroleum Gases	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Distillate Fuel Oil	0.6	0.7	0.7	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6
Residual Fuel Oil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Petroleum Coke	67.8	70.2	72.2	68.3	68.6	69.3	70.0	70.7	71.1	71.4	72.0	72.5	73.0
Petroleum Subtotal	69.1	71.6	73.6	69.5	69.8	70.6	71.2	72.0	72.4	72.8	73.4	74.0	74.4
Natural Gas	45.8	47.5	49.4	46.6	46.7	47.7	48.6	49.4	49.9	50.2	50.8	51.3	51.5
Steam Coal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Renewables	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Purchased Electricity	45.5	47.8	49.8	47.9	48.1	49.4	50.5	51.5	52.2	52.9	53.6	54.3	54.8
Total	160.5	167.0	173.0	164.1	164.7	167.8	170.5	173.0	174.6	176.0	177.9	179.6	180.8
Value of Shipments (billion 2000 dollars)													
Fabricated Metal Products	252.18	258.26	260.65	256.91	260.53	268.78	276.97	282.23	283.90	285.49	287.64	289.89	291.90
Machinery	283.06	299.50	304.12	305.66	318.11	323.61	329.33	338.04	344.87	351.91	360.19	368.12	374.73
Computers	469.37	504.72	525.66	552.77	600.02	624.99	645.74	671.86	702.89	739.76	782.51	826.74	870.19
Transportation Equipment	667.54	664.40	656.67	643.19	673.31	700.27	749.13	768.55	765.15	758.49	762.95	769.64	768.13
Electrical Equipment	108.95	116.20	122.91	117.71	119.36	123.54	127.39	131.31	134.49	137.39	140.91	144.25	147.24
Energy Consumption per Unit of Output (thousand Btu per 2000 dollar shipments)													
Fabricated Metal Products	1.44	1.42	1.41	1.39	1.37	1.35	1.33	1.32	1.30	1.29	1.28	1.26	1.25
Machinery	0.59	0.58	0.58	0.57	0.56	0.56	0.56	0.55	0.55	0.54	0.53	0.53	0.52
Computers	0.40	0.39	0.38	0.37	0.36	0.35	0.34	0.33	0.32	0.31	0.31	0.30	0.30
Transportation Equipment	0.56	0.56	0.56	0.55	0.54	0.53	0.52	0.52	0.52	0.51	0.50	0.50	0.49
Electrical Equipment	1.47	1.44	1.41	1.39	1.38	1.36	1.34	1.32	1.30	1.28	1.26	1.25	1.23
Carbon Dioxide Emissions 2/ (million metric tons)													
Fabricated Metal Products	41.6	41.6	41.6	40.3	40.2	40.7	41.4	41.8	41.7	41.5	41.3	41.2	41.0
Machinery	21.0	21.6	21.8	21.5	22.0	22.3	22.6	22.9	23.1	23.3	23.6	23.8	23.9
Computers	27.5	28.4	28.6	28.7	30.0	30.6	30.9	31.2	31.7	32.6	33.6	34.7	35.8
Transportation Equipment	43.8	43.0	42.3	40.9	41.8	42.8	45.1	45.9	45.4	44.6	44.1	43.8	43.3
Electrical Equipment	17.2	17.7	18.4	17.4	17.5	17.7	18.0	18.3	18.5	18.7	18.9	19.0	19.2
Fabricated Metal Products, Machinery, Computers, Transportation Equipment, and Electrical Equipment:													
Combined Heat and Power 3/ Generating Capacity (gigawatts)													
Petroleum	0.12	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
Natural Gas	0.07	0.07	0.08	0.09	0.10	0.12	0.13	0.14	0.15	0.16	0.18	0.19	0.21
Coal	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22
Other 4/	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	0.42	0.41	0.42	0.43	0.44	0.45	0.46	0.48	0.49	0.50	0.51	0.53	0.54
Net Generation (billion kilowatthours)													
Petroleum	0.14	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
Natural Gas	0.19	0.16	0.23	0.30	0.38	0.47	0.55	0.65	0.74	0.83	0.94	1.04	1.15
Coal	0.77	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66
Other 4/	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
Total	1.13	0.88	0.96	1.03	1.11	1.19	1.28	1.37	1.47	1.56	1.66	1.77	1.88
Disposition													
Sales to the Grid	0.02	0.01	0.02	0.03	0.04	0.06	0.07	0.08	0.10	0.11	0.13	0.15	0.16
Generation for Own Use	1.11	0.88	0.94	1.00	1.06	1.13	1.21	1.29	1.37	1.45	1.53	1.62	1.72

Table 33. Other Industrial Sector Energy Consumption (trillion Btu)

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2006-2030
Fabricated Metal Product Consumption 1/														
Liquefied Petroleum Gases	2.2	2.1	2.1	2.1	2.0	2.0	2.0	1.9	1.9	1.9	1.8	1.8	1.8	-0.4%
Distillate Fuel Oil	2.6	2.5	2.4	2.4	2.4	2.3	2.3	2.3	2.2	2.2	2.2	2.2	2.1	-1.5%
Residual Fuel Oil	1.9	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.6	1.6	-1.7%
Petroleum Coke	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	--
Petroleum Subtotal	6.6	6.5	6.3	6.2	6.1	6.0	6.0	5.9	5.8	5.7	5.6	5.6	5.5	-1.2%
Natural Gas	184.7	182.2	181.0	179.8	177.5	175.5	173.4	171.1	169.3	167.5	165.1	162.5	160.2	-0.8%
Metallurgical Coal	2.5	2.4	2.4	2.4	2.3	2.3	2.2	2.2	2.2	2.1	2.1	2.0	2.0	-2.3%
Steam Coal	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	-1.0%
Renewables	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	--
Purchased Electricity	165.4	164.1	162.4	160.6	158.5	156.8	155.0	153.0	151.5	150.2	148.4	146.3	144.4	-0.5%
Total	359.4	355.4	352.3	349.2	344.6	340.8	336.8	332.3	328.9	325.7	321.3	316.6	312.3	-0.7%
Machinery Consumption 1/														
Liquefied Petroleum Gases	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	-0.3%
Distillate Fuel Oil	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	-0.7%
Residual Fuel Oil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	--
Petroleum Coke	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	--
Petroleum Subtotal	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.7	1.7	-0.4%
Natural Gas	86.0	85.2	84.8	84.3	83.4	82.5	81.4	80.3	79.5	78.5	77.5	76.5	75.6	-0.1%
Steam Coal	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	0.0%
Renewables	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	--
Purchased Electricity	104.9	105.2	105.0	104.7	104.5	104.2	103.7	103.3	103.1	102.9	102.8	102.4	102.2	0.5%
Total	195.4	194.8	194.1	193.4	192.2	191.0	189.5	187.9	186.8	185.6	184.5	183.1	182.0	0.2%
Computers Consumption 1/														
Liquefied Petroleum Gases	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.2%
Distillate Fuel Oil	0.6	0.5	0.5	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	-1.8%
Residual Fuel Oil	0.5	0.5	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	-2.0%
Petroleum Coke	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	--
Petroleum Subtotal	1.6	1.5	1.4	1.3	1.3	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	-1.0%
Natural Gas	75.0	75.1	75.8	75.9	75.9	75.9	76.1	77.2	78.2	79.3	80.5	81.8	83.0	1.7%
Steam Coal	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	0.0%
Renewables	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0%
Purchased Electricity	171.1	173.6	176.8	180.1	183.2	186.4	189.5	193.0	196.5	200.6	204.4	208.6	212.7	2.1%
Total	262.4	264.8	268.7	272.0	275.0	278.1	281.4	286.0	290.5	295.6	300.6	306.1	311.5	1.9%
Transportation Equipment Consumption 1/														
Liquefied Petroleum Gases	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	-0.5%
Distillate Fuel Oil	1.5	1.5	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.3	-0.9%
Residual Fuel Oil	5.5	5.4	5.1	4.9	4.9	4.9	4.8	4.8	4.8	4.8	4.8	4.8	4.8	-2.0%
Petroleum Coke	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	--
Petroleum Subtotal	8.7	8.5	8.2	7.9	7.9	7.8	7.7	7.7	7.6	7.6	7.7	7.6	7.6	-1.6%
Natural Gas	186.1	184.2	184.0	184.3	182.8	182.8	181.9	181.2	180.5	178.8	176.7	175.0	174.5	-0.2%
Steam Coal	3.0	3.0	3.0	3.0	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	-0.4%
Renewables	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	--
Purchased Electricity	176.2	173.9	172.5	171.5	169.7	169.5	168.8	168.2	167.4	165.6	163.5	161.5	160.7	-0.3%
Total	374.0	369.5	367.6	366.6	363.4	363.0	361.3	360.0	358.4	354.9	350.8	347.0	345.7	-0.3%

Table 33. Other Industrial Sector Energy Consumption (trillion Btu)

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2006-2030
Electrical Equipment Consumption 1/														
Liquefied Petroleum Gases	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.2%
Distillate Fuel Oil	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	-0.9%
Residual Fuel Oil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0%
Petroleum Coke	74.1	74.6	74.9	75.2	75.9	76.4	76.9	77.4	78.0	78.7	79.4	80.1	80.7	0.6%
Petroleum Subtotal	75.5	76.0	76.3	76.6	77.3	77.8	78.2	78.7	79.3	80.1	80.7	81.4	82.1	0.6%
Natural Gas	52.2	52.3	52.6	53.0	53.0	52.8	52.6	52.5	52.4	52.5	52.4	52.4	52.4	0.4%
Steam Coal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	--
Renewables	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0%
Purchased Electricity	55.8	56.3	56.6	56.9	57.1	57.0	57.0	57.0	57.1	57.4	57.5	57.7	57.9	0.8%
Total	183.6	184.8	185.6	186.6	187.4	187.7	188.0	188.3	188.9	190.0	190.7	191.7	192.4	0.6%
Value of Shipments (billion 2000 dollars)														
Fabricated Metal Products	292.56	293.84	294.21	293.89	293.51	293.77	293.65	293.16	293.31	293.48	292.76	291.83	291.22	0.5%
Machinery	380.19	386.22	390.16	393.16	397.40	401.09	404.29	407.52	411.64	415.84	420.90	424.19	428.67	1.5%
Computers	906.84	939.43	975.15	1013.49	1052.91	1092.85	1131.98	1172.51	1212.63	1255.86	1300.37	1345.99	1390.98	4.3%
Transportation Equipment	769.47	770.80	776.12	783.55	787.34	799.09	807.82	817.53	825.46	828.33	830.29	832.11	840.06	1.0%
Electrical Equipment	151.95	155.16	157.65	160.11	162.28	163.95	165.61	167.31	169.20	171.50	173.47	175.69	177.66	1.8%
Energy Consumption per Unit of Output (thousand Btu per 2000 dollar shipments)														
Fabricated Metal Products	1.23	1.21	1.20	1.19	1.17	1.16	1.15	1.13	1.12	1.11	1.10	1.08	1.07	-1.2%
Machinery	0.51	0.50	0.50	0.49	0.48	0.48	0.47	0.46	0.45	0.45	0.44	0.43	0.42	-1.3%
Computers	0.29	0.28	0.28	0.27	0.26	0.25	0.25	0.24	0.24	0.24	0.23	0.23	0.22	-2.3%
Transportation Equipment	0.49	0.48	0.47	0.47	0.46	0.45	0.45	0.44	0.43	0.43	0.42	0.42	0.41	-1.3%
Electrical Equipment	1.21	1.19	1.18	1.17	1.15	1.14	1.13	1.13	1.12	1.11	1.10	1.09	1.08	-1.2%
Carbon Dioxide Emissions 2/ (million metric tons)														
Fabricated Metal Products	40.5	40.1	39.6	39.3	38.8	38.4	38.0	37.5	37.1	36.8	36.4	35.9	35.6	-0.6%
Machinery	24.0	23.9	23.8	23.8	23.7	23.6	23.5	23.4	23.3	23.2	23.2	23.1	23.1	0.3%
Computers	36.5	36.9	37.5	38.1	38.7	39.3	39.9	40.6	41.3	42.2	43.0	43.9	44.9	1.9%
Transportation Equipment	42.8	42.2	41.8	41.7	41.3	41.3	41.1	41.0	40.8	40.5	40.0	39.6	39.6	-0.3%
Electrical Equipment	19.5	19.6	19.7	19.8	19.9	19.9	20.0	20.0	20.1	20.2	20.3	20.4	20.6	0.6%
Fabricated Metal Products, Machinery, Computers, Transportation Equipment, and Electrical Equipment:														
Combined Heat and Power 3/														
Generating Capacity (gigawatts)														
Petroleum	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.0%
Natural Gas	0.22	0.24	0.25	0.27	0.28	0.29	0.31	0.32	0.33	0.34	0.35	0.36	0.38	7.0%
Coal	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.0%
Other 4/	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	0.0%
Total	0.56	0.57	0.59	0.60	0.62	0.63	0.64	0.66	0.67	0.68	0.69	0.70	0.71	2.3%
Net Generation (billion kilowatthours)														
Petroleum	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.0%
Natural Gas	1.26	1.38	1.49	1.60	1.70	1.80	1.90	1.99	2.08	2.16	2.24	2.32	2.41	12.0%
Coal	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.0%
Other 4/	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.0%
Total	1.99	2.10	2.21	2.32	2.43	2.53	2.62	2.72	2.80	2.89	2.97	3.05	3.14	5.4%
Disposition														
Sales to the Grid	0.18	0.19	0.21	0.23	0.24	0.26	0.27	0.28	0.30	0.31	0.32	0.33	0.34	16.6%
Generation for Own Use	1.81	1.91	2.00	2.10	2.19	2.27	2.35	2.43	2.51	2.58	2.65	2.72	2.79	5.0%

Table 33. Other Industrial Sector Energy Consumption (trillion Btu)

1/ Fuel consumption includes consumption for combined heat and power.

2/ Includes emissions attributable to the fuels consumed to generate the purchased electricity.

3/ Includes industrial-owned generators not classified as combined heat and power, such as standby generators.

4/ Includes wood and other biomass, waste heat, municipal solid waste, and renewable sources.

5/ Efficiency is calculated as the sum of the thermal output and electrical generation in Btus divided by the energy input.

6/ Power-to-Heat is calculated as the electrical generation in Btus divided by the thermal output.

Btu = British thermal unit.

-- = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Data for 2006 are model results and may differ slightly from official EIA data reports.

Source: 2005 and 2006 nonutility and CHP summer capacity, net generation, fuel use, and thermal output: Energy Information Administration (EIA), Form EIA-860: "Annual Electric Generator Report," (preliminary). Other 2005 and 2006 data based on: EIA, Manufacturing Energy Consumption Survey, 1998. Projections: EIA, AEO2008 National Energy Modeling System run aeo2008.d030208f.