

Table 10.2b Renewable Energy Consumption: Industrial and Transportation Sectors
(Trillion Btu)

	Industrial Sector ^a										Transportation Sector			
	Hydroelectric Power ^b	Geothermal ^c	Solar/PV ^d	Wind ^e	Biomass					Total	Biomass			
					Wood ^f	Waste ^g	Fuel Ethanol ^h	Losses and Co-products ⁱ	Total		Fuel Ethanol ^j	Bio-diesel	Total	
1973 Total	35	NA	NA	NA	1,165	NA	NA	NA	NA	1,165	1,200	NA	NA	NA
1975 Total	32	NA	NA	NA	1,063	NA	NA	NA	NA	1,063	1,096	NA	NA	NA
1980 Total	33	NA	NA	NA	1,600	NA	NA	NA	NA	1,600	1,633	NA	NA	NA
1985 Total	33	NA	NA	NA	1,645	230	1	42	1,918	1,951	1,951	50	NA	50
1990 Total	31	2	—	—	1,442	192	1	49	1,684	1,717	1,717	60	NA	60
1995 Total	55	3	—	—	1,652	195	2	86	1,934	1,992	1,992	112	NA	112
1996 Total	61	3	—	—	1,683	224	1	61	1,969	2,033	2,033	81	NA	81
1997 Total	58	3	—	—	1,731	184	1	80	1,996	2,057	2,057	102	NA	102
1998 Total	55	3	—	—	1,603	180	1	86	1,872	1,929	1,929	113	NA	113
1999 Total	49	4	—	—	1,620	171	1	90	1,882	1,934	1,934	118	NA	118
2000 Total	42	4	—	—	1,636	145	1	99	1,881	1,928	1,928	135	NA	135
2001 Total	33	5	—	—	1,443	129	3	108	1,681	1,719	1,719	141	1	142
2002 Total	39	5	—	—	1,396	146	3	130	1,676	1,720	1,720	168	2	170
2003 Total	43	3	—	—	1,363	142	4	169	1,679	1,726	1,726	228	2	230
2004 Total	33	4	—	—	1,476	132	6	203	1,817	1,853	1,853	286	3	290
2005 Total	32	4	—	—	1,452	148	7	230	1,837	1,873	1,873	327	12	339
2006 Total	29	4	—	—	1,472	130	10	285	1,897	1,930	1,930	442	33	475
2007 Total	16	5	—	—	1,405	144	10	377	1,936	1,956	1,956	557	46	602
2008 Total	17	5	—	—	1,340	144	12	532	2,028	2,049	2,049	786	40	826
2009 Total	18	4	—	—	1,208	155	13	617	1,994	2,016	2,016	894	42	935
2010 January	2	(s)	(s)	—	109	15	1	60	185	187	187	81	(s)	81
February	2	(s)	(s)	—	100	13	1	56	170	172	172	76	3	79
March	2	(s)	(s)	—	110	15	1	62	188	190	190	83	2	85
April	2	(s)	(s)	—	105	15	1	60	181	183	183	84	4	87
May	2	(s)	(s)	—	106	14	1	62	183	185	185	89	3	92
June	1	(s)	(s)	—	107	13	2	60	182	183	183	90	2	93
July	1	(s)	(s)	—	111	14	2	62	188	190	190	91	3	94
August	1	(s)	(s)	—	111	14	2	63	190	191	191	91	3	94
September	1	(s)	(s)	—	110	13	1	61	185	187	187	86	4	90
October	1	(s)	(s)	—	110	15	2	64	190	192	192	91	3	94
November	1	(s)	(s)	—	108	15	1	65	190	191	191	88	3	91
December	1	(s)	(s)	—	114	15	2	67	198	199	199	92	3	94
Total	16	4	(s)	—	1,301	169	17	742	2,230	2,250	2,250	1,040	34	1,074
2011 January	1	(s)	(s)	(s)	115	15	1	66	197	199	199	83	3	86
February	2	(s)	(s)	(s)	102	14	1	59	176	178	178	81	4	85
March	2	(s)	(s)	(s)	109	14	1	66	190	192	192	87	6	93
April	2	(s)	(s)	(s)	105	14	1	62	182	185	185	83	8	91
May	2	(s)	(s)	(s)	105	14	2	65	185	187	187	90	9	99
June	1	(s)	(s)	(s)	112	14	2	63	190	192	192	92	9	102
July	1	(s)	(s)	(s)	112	14	1	64	192	194	194	85	11	96
August	1	(s)	(s)	(s)	110	14	2	65	191	192	192	96	10	106
September	1	(s)	(s)	(s)	109	14	1	62	187	188	188	83	14	97
October	1	(s)	(s)	(s)	107	15	1	65	189	190	190	89	12	100
November	1	(s)	(s)	(s)	110	15	1	66	192	194	194	84	13	98
December	2	(s)	(s)	(s)	116	15	2	69	202	204	204	90	13	102
Total	18	4	(s)	(s)	1,311	172	17	772	2,273	2,295	2,295	1,042	112	1,154
2012 January	2	(s)	(s)	(s)	114	15	1	67	197	199	199	81	R 5	R 86
February	2	(s)	(s)	(s)	106	14	1	61	183	185	185	82	R 8	R 89
March	2	(s)	(s)	(s)	104	14	1	64	184	186	186	87	R 10	98
April	2	(s)	(s)	(s)	101	14	1	61	178	180	180	86	R 11	R 98
May	2	(s)	(s)	(s)	108	14	2	64	188	190	190	93	14	107
5-Month Total	9	2	(s)	(s)	535	71	7	316	930	940	940	429	48	477
2011 5-Month Total	9	2	(s)	(s)	535	71	7	317	930	941	941	424	30	454
2010 5-Month Total	8	2	(s)	—	530	71	7	299	907	917	917	412	12	424

^a Industrial sector, including industrial combined-heat-and-power (CHP) and industrial electricity-only plants. See Note, "Classification of Power Plants Into Energy-Use Sectors," at end of Section 7.

^b Conventional hydroelectricity net generation (converted to Btu using the fossil-fuels heat rate—see Table A6).

^c Geothermal heat pump and direct use energy.

^d Photovoltaic (PV) electricity net generation (converted to Btu using the fossil-fuels heat rate—see Table A6) at industrial plants with capacity of 1 megawatt or greater.

^e Wind electricity net generation (converted to Btu using the fossil-fuels heat rate—see Table A6).

^f Wood and wood-derived fuels.

^g Municipal solid waste from biogenic sources, landfill gas, sludge waste, agricultural byproducts, and other biomass. Through 2000, also includes non-renewable waste (municipal solid waste from non-biogenic sources, and tire-derived fuels).

^h The fuel ethanol (minus denaturant) portion of motor fuels, such as E10,

consumed by the industrial sector.

ⁱ Losses and co-products from the production of fuel ethanol and biodiesel. Does not include natural gas, electricity, and other non-biomass energy used in the production of fuel ethanol and biodiesel—these are included in the industrial sector consumption statistics for the appropriate energy source.

^j The fuel ethanol (minus denaturant) portion of motor fuels, such as E10 and E85, consumed by the transportation sector.

R=Revised. NA=Not available. —=No data reported. (s)=Less than 0.5 trillion Btu.

Notes: • Data are estimates, except for industrial sector hydroelectric power in 1973-1978 and 1989 forward, solar/PV, and wind. • Totals may not equal sum of components due to independent rounding. • Geographic coverage is the 50 States and the District of Columbia.

Web Page: See <http://www.eia.gov/totalenergy/data/monthly/#renewable> for all available data beginning in 1973.

Sources: See end of section.