

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

	Industrial Sector ^a										Transportation Sector		
	Hydro-electric Power ^b	Geo-thermal ^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	1,165	1,200	NA	NA	NA
1975 Total	32	NA	NA	NA	1,063	NA	NA	NA	1,063	1,096	NA	NA	NA
1980 Total	33	NA	NA	NA	1,600	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	50	NA	50
1990 Total	31	2	-	-	1,442	192	1	49	1,684	1,717	60	NA	60
1995 Total	55	3	-	-	1,652	195	2	86	1,934	1,992	112	NA	112
1996 Total	61	3	-	-	1,683	224	1	61	1,969	2,033	81	NA	81
1997 Total	58	3	-	-	1,731	184	1	80	1,996	2,057	102	NA	102
1998 Total	55	3	-	-	1,603	180	1	86	1,872	1,929	113	NA	113
1999 Total	49	4	-	-	1,620	171	1	90	1,882	1,934	118	NA	118
2000 Total	42	4	-	-	1,636	145	1	99	1,881	1,928	135	NA	135
2001 Total	33	5	-	-	1,443	129	3	108	1,681	1,719	141	1	142
2002 Total	39	5	-	-	1,396	146	3	130	1,676	1,720	168	2	170
2003 Total	43	3	-	-	1,363	142	4	169	1,679	1,726	228	2	230
2004 Total	33	4	-	-	1,476	132	6	203	1,817	1,853	286	3	290
2005 Total	32	4	-	-	1,452	148	7	230	1,837	1,873	327	12	339
2006 Total	29	4	-	-	1,472	130	10	285	1,897	1,930	442	33	475
2007 Total	16	5	-	-	1,413	144	10	377	1,944	1,964	557	46	602
2008 Total	17	5	-	-	1,344	144	12	532	2,031	2,053	786	40	826
2009 January	2	(s)	-	-	98	14	1	46	159	161	67	(s)	67
February	1	(s)	-	-	93	12	1	43	149	151	58	(s)	58
March	2	(s)	-	-	98	14	1	48	160	162	67	3	70
April	2	(s)	-	-	93	12	1	46	153	155	70	3	73
May	2	(s)	-	-	96	12	1	50	160	162	77	2	79
June	2	(s)	-	-	97	12	1	50	160	162	75	3	78
July	1	(s)	-	-	104	12	1	54	172	173	80	3	83
August	1	(s)	-	-	107	12	1	55	175	177	81	4	85
September	1	(s)	-	-	101	12	1	53	167	168	75	6	80
October	1	(s)	-	-	104	14	1	56	175	177	82	6	88
November	1	(s)	-	-	101	14	1	57	174	175	81	4	85
December	2	(s)	-	-	104	14	1	60	179	181	82	5	87
Total	18	4	-	-	1,198	154	13	617	1,982	2,005	894	40	934
2010 January	2	(s)	(s)	-	108	16	1	60	185	187	81	(s)	81
February	2	(s)	(s)	-	100	14	1	56	170	172	76	3	79
March	2	(s)	(s)	-	109	15	1	62	188	190	83	2	86
April	2	(s)	(s)	-	104	15	1	60	181	183	84	4	88
May	2	(s)	(s)	-	106	15	1	62	183	185	89	3	92
June	1	(s)	(s)	-	106	14	1	60	182	183	91	2	93
July	1	(s)	(s)	-	110	15	1	62	188	190	91	3	95
August	1	(s)	(s)	-	111	15	1	63	190	191	91	2	93
September	1	(s)	(s)	-	109	14	1	61	185	187	86	3	89
October	1	(s)	(s)	-	109	16	1	64	190	192	91	2	94
November	1	(s)	(s)	-	108	16	1	65	190	191	88	2	90
December	1	(s)	(s)	-	114	16	1	67	198	199	92	2	94
Total	16	4	(s)	-	1,293	179	15	742	2,230	2,251	1,043	29	1,072
2011 January	1	(s)	(s)	(s)	114	15	1	66	197	198	83	3	86
February	2	(s)	(s)	(s)	101	14	1	59	175	177	81	3	84
March	2	(s)	(s)	(s)	108	15	1	65	189	192	87	5	92
April	2	(s)	(s)	(s)	105	14	1	62	182	184	83	7	90
May	2	(s)	(s)	(s)	104	15	1	64	184	187	90	6	96
June	1	(s)	(s)	(s)	111	14	1	63	189	191	92	7	100
July	1	(s)	(s)	(s)	111	15	1	64	191	193	85	9	95
August	1	(s)	(s)	(s)	109	15	1	65	190	192	96	9	105
September	1	(s)	(s)	(s)	108	15	1	62	186	188	83	12	95
October	1	(s)	(s)	(s)	106	15	1	65	188	190	89	12	101
10-Month Total	15	3	(s)	(s)	1,077	147	13	636	1,873	1,891	870	74	944
2010 10-Month Total	14	3	(s)	-	1,072	148	13	610	1,843	1,860	863	26	888
2009 10-Month Total	15	3	-	-	992	127	11	500	1,630	1,649	731	31	762

^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.

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.

This table has been modified to include a column for "Industrial Sector Wind."