

Table F32: Solar energy consumption estimates, 2022

State	Residential ^a	Commercial ^b	Industrial ^b	Electric power	Total	Residential ^c	Commercial ^d	Industrial ^d	Electric power	Total
	Million kilowatthours					Trillion Btu				
Alabama	5	16	1	895	916	0.1	0.1	(s)	3.1	3.2
Alaska	10	5	(s)	0	16	(s)	(s)	(s)	0.0	0.1
Arizona	3,132	871	32	7,027	11,063	14.0	3.0	0.1	24.0	41.1
Arkansas	123	93	37	714	967	0.5	0.3	0.1	2.4	3.4
California	15,912	5,531	3,074	38,393	62,910	72.6	18.9	10.5	131.0	232.9
Colorado	1,006	351	23	2,392	3,772	3.7	1.2	0.1	8.2	13.2
Connecticut	633	382	49	407	1,470	3.1	1.3	0.2	1.4	6.0
Delaware	114	34	12	61	222	0.4	0.1	(s)	0.2	0.8
Dist. of Col.	108	68	0	22	198	0.4	0.2	0.0	0.1	0.7
Florida	2,291	241	20	11,332	13,885	35.2	0.8	0.1	38.7	74.8
Georgia	109	65	212	6,945	7,332	0.7	0.2	0.7	23.7	25.3
Hawaii	834	493	4	551	1,882	4.9	1.7	(s)	1.9	8.4
Idaho	139	12	31	530	712	0.5	(s)	0.1	1.8	2.5
Illinois	494	749	4	1,548	2,795	2.9	2.6	(s)	5.3	10.8
Indiana	110	165	7	1,081	1,363	0.5	0.6	(s)	3.7	4.8
Iowa	123	173	12	386	693	0.5	0.6	(s)	1.3	2.4
Kansas	59	27	1	74	161	0.2	0.1	(s)	0.3	0.6
Kentucky	66	37	2	44	148	0.3	0.1	(s)	0.2	0.6
Louisiana	253	19	(s)	196	468	1.0	0.1	(s)	0.7	1.7
Maine	83	253	(s)	432	768	0.4	0.9	(s)	1.5	2.8
Maryland	938	335	29	694	1,996	3.3	1.1	0.1	2.4	6.9
Massachusetts	1,337	1,955	142	1,920	5,353	4.9	6.7	0.5	6.6	18.6
Michigan	148	93	5	859	1,105	1.0	0.3	(s)	2.9	4.3
Minnesota	149	71	23	1,901	2,144	0.7	0.2	0.1	6.5	7.5
Mississippi	11	11	1	504	526	0.1	(s)	(s)	1.7	1.8
Missouri	333	184	12	152	681	1.2	0.6	(s)	0.5	2.4
Montana	39	14	(s)	32	85	0.1	(s)	(s)	0.1	0.3
Nebraska	24	9	3	74	110	0.1	(s)	(s)	0.3	0.4
Nevada	1,208	175	60	8,971	10,415	5.2	0.6	0.2	30.6	36.6
New Hampshire	134	95	11	4	244	0.5	0.3	(s)	(s)	0.9
New Jersey	1,551	1,564	214	1,362	4,691	7.1	5.3	0.7	4.6	17.8
New Mexico	448	136	1	1,981	2,566	1.7	0.5	(s)	6.8	9.0
New York	1,534	1,930	28	1,765	5,256	6.6	6.6	0.1	6.0	19.3
North Carolina	414	282	16	11,146	11,858	1.7	1.0	0.1	38.0	40.7
North Dakota	1	1	0	0	2	(s)	(s)	0.0	0.0	(s)
Ohio	148	146	39	914	1,247	0.8	0.5	0.1	3.1	4.5
Oklahoma	72	12	1	81	167	0.3	(s)	(s)	0.3	0.6
Oregon	261	124	19	1,608	2,013	2.3	0.4	0.1	5.5	8.3
Pennsylvania	501	239	85	222	1,047	2.5	0.8	0.3	0.8	4.3
Rhode Island	130	393	3	362	888	0.5	1.3	(s)	1.2	3.1
South Carolina	381	99	46	2,416	2,942	1.3	0.3	0.2	8.2	10.1
South Dakota	2	1	(s)	2	4	(s)	(s)	(s)	(s)	(s)
Tennessee	25	54	6	666	752	0.1	0.2	(s)	2.3	2.6
Texas	2,575	424	9	22,430	25,437	9.4	1.4	(s)	76.5	87.4
Utah	640	124	12	3,853	4,629	2.2	0.4	(s)	13.1	15.9
Vermont	130	79	2	202	414	0.5	0.3	(s)	0.7	1.5
Virginia	300	86	5	4,624	5,015	1.6	0.3	(s)	15.8	17.7
Washington	331	61	1	83	477	1.3	0.2	(s)	0.3	1.8
West Virginia	24	9	1	0	33	0.1	(s)	(s)	0.0	0.2
Wisconsin	100	99	27	807	1,033	0.6	0.3	0.1	2.8	3.8
Wyoming	19	3	1	186	209	0.1	(s)	(s)	0.6	0.7
United States	39,510	18,393	4,324	142,852	205,079	199.7	62.8	14.8	487.4	764.6

^a Includes small-scale solar photovoltaic (PV) only. Excludes any small amount of small-scale solar thermal electricity generation.

^b Includes PV and solar thermal electricity net generation at utility-scale and small-scale facilities.

^c Includes small amount of solar thermal energy consumed as heat by the commercial and industrial sectors.

^d Excludes small amount of small-scale solar thermal energy, which is included in the residential sector.

Where shown, (s) = Physical unit value less than 0.5 or Btu value less than 0.05.

Notes: · There are no direct fuel costs for PV and solar thermal energy. · Totals may not equal sum of components due to independent rounding. See Section 5 of the Technical Notes for explanation of estimation methodology. · All data are preliminary.

Data Source: U.S. Energy Information Administration, State Energy Data System. See Technical Notes. <http://www.eia.gov/state/seds/>