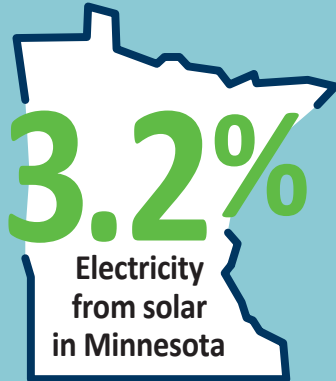
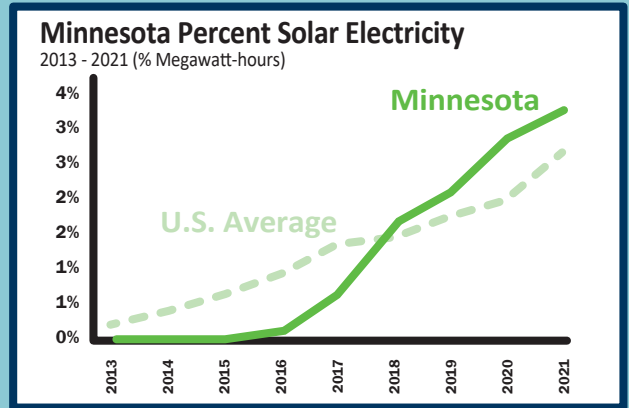
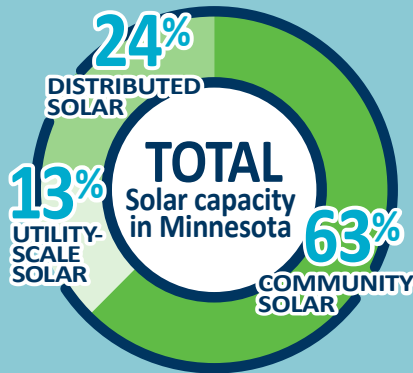


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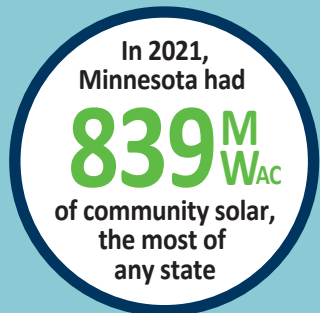
SOLAR STATS AS OF 12/31/2021



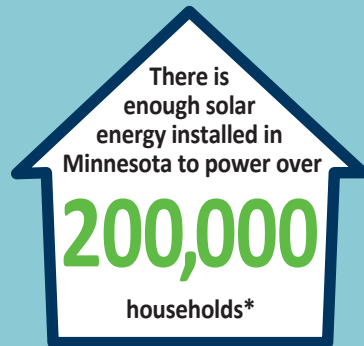
2.8% energy from solar nationwide



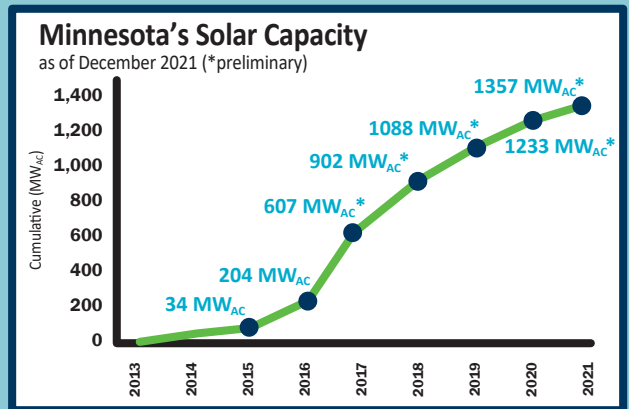
Source: U.S. EIA



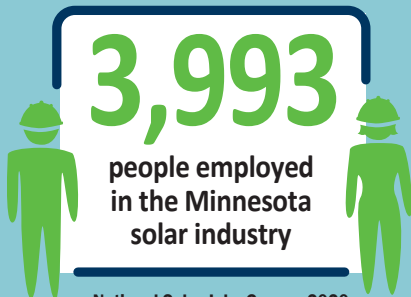
Minnesota Department of Commerce



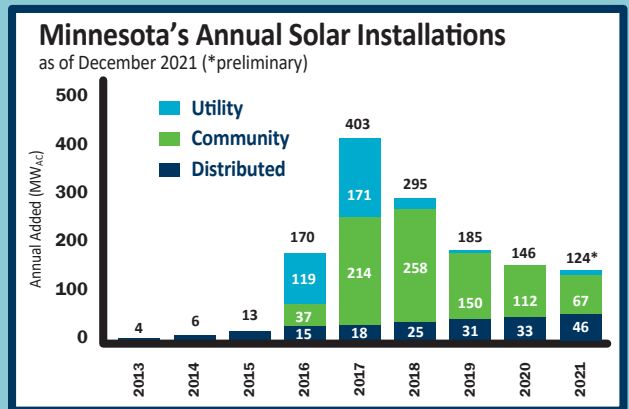
*based on 2021 avg household energy use (EIA)



Source: Minnesota Department of Commerce



National Solar Jobs Census 2020



Source: Minnesota Department of Commerce

Minnesota Solar Fact Sheet

Minnesota's Annual Solar Installations

as of December 2021 (*preliminary)

year	MN % solar	US-avg % solar	MN cumulative (MWac)	MN total annual (MWac)	MN Utility (MWac)	MN Community (MWac)	MN Distributed total (MWac)	MN residential (MWac)	MN commercial (MWac)
2013	0.0053%	0.22%	15	4.4	1.7	0.07	2.7	0.4	1.5
2014	0.0047%	0.43%	21	5.7	0.7	0.35	4.6	1.4	2.9
2015	0.0049%	0.61%	34	13.1	0	0.69	12	3.0	8.5
2016	0.0170%	0.88%	204	170	119	37	15	5.4	9.1
2017	1.0147%	1.32%	607	403	171	214	18	4.7	13
2018	1.6939%	1.53%	902	295	12	258	25	11	14
2019	2.1031%	1.74%	1,088	185	4	150	31	15	15
2020	2.8909%	2.23%	1,233	146	0	112	33	18	16
2021*	3.2236%	2.79%	1,357	124	11	67	46	24	22

*preliminary data

Data sources: % solar from U.S. Energy Information Administration, solar capacity from Minnesota Department of Commerce