



# Wisconsin Solar Energy Project Tracker

October 2022

**Note:** Entries shaded in yellow have been delayed by disruptions affecting availability of solar panels and other important equipment. Entries shaded in green have been delayed by unanticipated review requirements. Entries shaded in blue are expected to be placed in service before July 1, 2023.

Project name	County/ Municipality	MWAC	Owner (Developer)	Docket No. + Status	
<b>Solar projects under development requiring PSC approval</b>					
1	Badger Hollow 2	Iowa (Linden/ Eden/Mifflin)	150	Invenergy (WEC Energy/MGE)	9697-CE-100 CPCN approved 4/2019 5-BS-234 In-service 4/2023
2	Badger State	Jefferson (Jefferson/ Oakland)	149	Ranger Power	9800-CE-100 CPCN approved 1/2020 construction start delayed until 4Q2022
3	Paris	Kenosha (Paris)	200	Invenergy (WEC Energy/MGE)	9801-CE-100 CPCN – approved 12/2020 5-BS-254 – approved Solar component under construction
4	Grant County	Grant (Potosi)	200	Alliant (NextEra Energy)	9804-CE-100 CPCN approved 6680-CE-182 approved under construction
5	Onion River	Sheboygan (Holland)	150	Alliant (Ranger Power)	9805-CE-100 CPCN approved 6680-CE-182 approved; under construction
6	Darien	Walworth (Darien), Rock (Bradford)	250	Invenergy (WEC Energy/MGE)	9806-CE-100 CPCN approved 5-BS-256 – delayed
7	Springfield	Dodge (Lomira)	100	Alliant (Nat'l Grid Renewables)	9807-CE-100 CPCN approved 6680-CE-183 approved under construction

8	Apple River	Polk (Apple River, Beaver, Clayton, Lincoln)	100	Nat'l Grid Renewables	9808-CE-100 CPCN approved 9/2021 construction start delayed until 4Q2023
9	Koshkonong	Dane (Christiana, Deerfield)	300	Invenergy (WEC Energy/MGE)	9811-CE-100 CPCN - approved 4/2022 – decision under appeal 5-BS-258 - ongoing
10	Portage Solar	Portage (Grant, Plover)	250	National Grid RE	9810-CE-100 CPCN decision likely 3/2023
11	Saratoga	Wood (Saratoga)	150	Savion	9816-CE-100 CPCN decision likely 4/2023
12	Northern Prairie	St. Croix (Cylon)	100	Leeward	9815-CE-100 decision likely 5/2023
13	High Noon	Columbia (Leeds, Lowville, Hampden)	300	Invenergy	9814-CE-100 decision likely 6/2023
14	SWL&P Community Solar	Douglas (Superior)	0.47	SWL&P	5820-TE-100 approved 10/2020 under construction
<b>Solar projects under development requiring local + PSC approval</b>					
15	North Rock	Rock (Fulton)	50	Alliant	6680-CE-182 approved under construction
16	Crawfish River	Jefferson (Jefferson)	75	Alliant	CUP granted 6680-CE-182 approved under construction
17	Western Mustang	Pierce (Gilman)	74	Xcel-NSPW (Ranger Power)	CUP granted 4220-BS-100 approved Construction start date delayed indefinitely
18	Albany	Green	50	Alliant	CUP granted 6680-CE-183 approved under construction
19	Beaver Dam	Dodge	50	Alliant	CUP granted 6680-CE-183 approved under construction
20	Cassville	Grant	50	Alliant	CUP granted 6680-CE-183 approved under construction

21	Paddock	Rock	65	Alliant	CUP granted 6680-CE-183 approved under construction
22	Wautoma	Waushara	99	Alliant	CUP granted 6680-CE-183 approved under construction
<b>Solar projects under development requiring local approval only</b>					
23	Yahara	Dane	17	SunVest (Alliant)	Under construction likely in service 5/2023
24	Webster Creek	Juneau	1.5	OneEnergy	CUP granted - likely in service 2H2023
25	Lemonweir	Juneau	3	OneEnergy	CUP granted - likely in service 2H2023
<b>Capacity subtotal 1-25</b>			<b>2,933.9</b>		
<b>Completed solar projects – 2022</b>					
26	Hodag	Oneida	7.5	WPS (OneEnergy Renewables)	In service 1/2022
27	Shamrock	Jackson	3	OneEnergy Renewables	In service 2/2022
28	Hermsdorf Farm	Dane (City of Madison)	8	MGE (NextEra Energy)	In service 4/2022
29	Bear Creek	Richland (Buena Vista)	50	Alliant-WPL (Savion Energy)	In service 8/2022
30	Wood County Solar	Wood (Saratoga)	150	Alliant-WPL (Savion Energy)	In-service 9/2022
<b>Completed solar projects – 2021</b>					
31	West Riverside	Rock (Beloit)	4	Alliant-WPL	6680-CE-173 in service 6/2021
32	O'Brien	Dane (Fitchburg)	20	MGE (EDF Renewables)	3270-UR-129 in service 6/2021
33	Blue Prairie	Jackson	2.5	OneEnergy Renewables	In service 7/2021
34	Strobus	Jackson	1.5	OneEnergy Renewables	In service 8/2021
35	Rice Lake	Barron	3.75	AEP OnSite Partners	In service 8/2021
36	Point Beach (solar)	Manitowoc (Two Creeks)	100	NextEra Energy	9802-CE-100 In service 9/2021
37	Badger Hollow 1	Iowa (Linden/ Eden/Mifflin)	150	Invenergy	9697-CE-100 CPCN 5-BS-228 in-service 12/2021

38	Alliant-WPL DG	Fond du Lac, Sheboygan	3.25	Alliant-WPL	In service 12/2021
39	WEPCO Solar Now	Various locations	13.7	WEPCO/SunVest Solar	In service 12/2021
40	Stromland	Buffalo	3	OneEnergy Renewables	In service 12/2021
<b>Completed solar projects – 2020</b>					
41	Morey Field Solar	Dane (Middleton)	5	MGE/ OneEnergy	3270-TE-102/4 in service 8/2020
42	Two Creeks Solar	Manitowoc (Two Creeks)	150	NextEra Energy/ WPS/MGE	9696-CE-100 CPCN 5-BS-228 in service 11/2020
43	Dane County Airport Solar	Madison (Dane)	9	MGE/ EDF Renewables	In service 12/2020
44	WEPCO Solar Now	Various locations	11	WEPCO/SunVest	In service 2020
<b>Completed solar projects – 2019</b>					
45	Arcadia Solar	Trempealeau (Arcadia)	5.0	OneEnergy Renewables	In service 8/2019
46	Argyle Solar	Lafayette (Argyle)	0.8	OneEnergy	In service 8/2019
47	Cashton Solar	Monroe (Cashton)	2.0	OneEnergy	In service 8/2019
48	Cumberland Solar	Barron (Cumberland)	2.5	OneEnergy	In service 9/2019
49	Elroy Solar	Juneau (Elroy)	1.5	OneEnergy	In service 8/2019
50	Fennimore Solar	Grant (Fennimore)	3.0	OneEnergy	In service 8/2019
51	New Lisbon Solar	Juneau (New Lisbon)	2.5	OneEnergy	In service 8/2019
52	Endicott Solar (Xcel Solar*Connect Community )	Monroe (Cashton)	0.7	OneEnergy	In service 2/2019
53	Ore Dock Solar (Xcel Solar*Connect Community	Ashland (City of Ashland)	0.7	OneEnergy	In service 7/2019
<b>Capacity subtotal 1-14</b>			<b>2,399.4</b>		
<b>Capacity subtotal 15-22</b>			<b>513.0</b>	2,912.4	
<b>Capacity subtotal 23-25</b>			<b>21.5</b>	2,933.9	
<b>Capacity subtotal 26-30 (2022)</b>			<b>218.5</b>	3,152.4	
<b>Capacity subtotal 31-40 (2021)</b>			<b>301.7</b>	3,454.1	
<b>Capacity subtotal 41-44 (2020)</b>			<b>175.0</b>	3,629.1	
<b>Capacity subtotal 45-53 (2019)</b>			<b>18.7</b>	3,647.8	
<b>Total capacity 1-53</b>			<b>3,647.8</b>		

<b>Estimated annual output of solar projects</b>			
<b>Projects</b>	<b>Capacity (in MW)</b>	<b>Capacity factor</b>	<b>Average annual output (1<sup>st</sup> 10 years)</b>
<b>1-25</b>	<b>2,933.9</b>	<b>23.00%</b>	<b>5,911,221</b>
<b>26-53</b>	<b>713.9</b>	<b>22.75%</b>	<b>1,422,731</b>
<b>Total</b>	<b>3,647.8</b>		<b>7,333,952</b>

Prepared by RENEW Wisconsin

7,333,952 MWh/year equates to about 10.5% of Wisconsin electricity sales