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## **Top solar contractors add 25% to total capacity in just 15 months**

The world's leading utility-scale solar constructors have installed over 20 GW<sub>ac</sub> of new capacity since the beginning of 2023. This takes the cumulative installations of the top 34 EPC contractors (overleaf) above 100 GW<sub>ac</sub>.

While many of the players have been on the list for years, some climbers are more unexpected. "The prominence of French contractors is impressive", says Wiki-Solar founder Philip Wolfe, given that their home country is not in the top ten utility-scale solar markets". Eiffage and Equans (part of Bouygues) are ranked #3 and #10 respectively, thanks to projects not only in France, but also Spain, the UK and other parts of the world.

Inevitably most companies on the list are from the five top countries China, USA, India, Spain and Germany. Indian and Chinese contractors have taken four of the top six rankings for new capacity thanks to a number of new gigawatt-scale projects in China, India and the Middle East.

Other notable climbers are Spain's Elecnor, Germany's Goldbeck Solar, and SENS Iqony (formerly STEAG) – which joins the list for the first time. Up-and-coming contractors from other countries, such as Brazil's WEG and Japan's Toshiba are potential future joiners.

Readers are reminded that Wiki-Solar measures capacity in MW<sub>ac</sub> delivered to the grid, including only projects over 4MW<sub>ac</sub>. The installed capacities would be roughly 25% higher if measured by the DC solar array output in MW<sub>p</sub>.

Most, but not all, of the leading O&M contractors – which Wiki-Solar lists separately – are companies in this top constructors table.

T E X T   E N D S

### ***Notes for editors:***

- [1] The lists of top EPC and O&M contractors are included on the following pages.
- [2] Wiki-Solar defines 'utility-scale solar' as 4 MW<sub>ac</sub> and above ( $\approx 5\text{MW}_p$  for PV;  $\approx$  electricity for 1,500 households in Europe) see: <http://wiki-solar.org/data/glossary/utility-scale.html>.
- [3] Wiki-Solar is the leading authority on utility-scale solar with a database covering over 22,000 utility-scale solar projects, of which about three-quarters are operational. All figures in this release are based on the AC export rating of operational plants. Projects under development are excluded until they have been commissioned.

***For more information:***

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Rank	EPC contractor [a]	[c]	Operating		Change since 01-Jan-23		
			Plants	GWac [b]	Plants	GWac [b]	Rank
1	SOLV Energy [US] (Inc Swinerton Renewable Energy)	<a href="#">Map</a>	219	11.6	15	2.9	1
2	McCarthy Building [US]	<a href="#">Map</a>	74	6.1	9	1.7	3
3	Eiffage [FR]	<a href="#">Map</a>	109	4.8	18	0.9	8
4	Sterling & Wilson [IN] (part of SP India)	<a href="#">Map</a>	73	4.5	3	0.5	13
5	First Solar [US]	<a href="#">Map</a>	57	4.3	0	0.0	
6	ACME Solar [IN]	<a href="#">Map</a>	53	4.1	4	1.5	5
7	Larsen & Toubro [IN]	<a href="#">Map</a>	54	3.7	1	1.7	4
8	Mortenson Construction [US]		29	3.6	3	0.6	11
9	Abengoa [ES] (Inc Abener Energia)	<a href="#">Map</a>	36	3.4	3	0.4	17
10	Equans (division of Bouygues) [FR] (Inc Fabricom)	<a href="#">Map</a>	241	3.4	26	0.4	15
11	Belectric [DE] (now part of Elevion)	<a href="#">Map</a>	174	3.2	3	0.1	33
12	juwi AG [DE] (Inc JSI Construction)	<a href="#">Map</a>	165	3.1	4	0.3	21
13	Vinci Energies [FR] (Inc Semi Group, Omexom and others)		54	2.9	6	0.3	25
14	Enerparc [DE]	<a href="#">Map</a>	280	2.8	4	0.1	39
15	BayWa r.e. [DE] (Inc GroenLeven)	<a href="#">Map</a>	118	2.6	10	0.4	16
16	China Machinery Engineering Corporation [CN]		4	2.6	1	2.0	2
17	Mahindra [IN]		43	2.5	1	0.1	38
18	Signal Energy [US]		14	2.4	1	0.3	22
19	Elecnor [ES]	<a href="#">Map</a>	45	2.4	4	1.2	7
20	Mytilineos [GR] (Inc Metka-Egn)	<a href="#">Map</a>	94	2.3	6	0.4	19
21	Rosendin Electric [US]		18	2.0	1	0.5	14
22	Tata Power [IN]	<a href="#">Map</a>	22	2.0	2	0.3	23
23	PowerChina [CN]		12	1.9	5	1.3	6
24	Goldbeck Solar [DE]	<a href="#">Map</a>	111	1.9	20	0.6	12
25	Blattner Energy [US]		15	1.9	1	0.2	30
26	Acciona Energía [ES]	<a href="#">Map</a>	26	1.9	3	0.4	18
27	Elmya [ES]	<a href="#">Map</a>	60	1.7	3	0.1	31
28	SPIC (State Power Investment) [CN] (Inc Shanghai Electric Power Japan, Shanghai Electric)	<a href="#">Map</a>	4	1.6	0	0.0	
29	Scatec ASA [NO]	<a href="#">Map</a>	35	1.6	5	0.3	26
30	Grupotec [ES]	<a href="#">Map</a>	82	1.5	12	0.3	20
31	Biosar Energy [GR]		47	1.5	0	0.0	
32	TSK Group [ES] (Inc TSK Electronica y Electricidad)		20	1.4	1	0.1	34
33	Cypress Creek Renewables [US] (acquired by EQT Infrastructure [SE])	<a href="#">Map</a>	79	1.4	0	0.0	
34	SENS Iqony Energy Solutions [DE] (formerly Gildemeister)	<a href="#">Map</a>	82	1.3	32	0.8	9
fTopPC_5111 Totals listed above:			2,549	100.1	207	20.7	

[a] These top 34 EPC contractors account for 100-GWac, ~16% of the world total.

[b] GWac total for projects over 4MWac; GWp figures typically ~25% higher

[c] Hyperlinks to Wiki-Solar map of company's projects

[d] Wiki-Solar database holds EPC contractors for ~28% of projects so there will be some omissions from this list and figures for others may be understated by a factor of 3.6 on average



# Wiki-Solar

Top O&M contractors for utility-scale (4-MWac+) solar projects at Q1-2024

Rank	O&M contractor [a]	[c]	Operating		Change since 01-Jan-23		
			Plants	GWac [b]	Plants	GWac [b]	Rank
1	SOLV Energy [US]	<a href="#">Map</a>	186	11.6	13	3.0	1
2	First Solar [US]	<a href="#">Map</a>	59	4.6	0	0.0	
3	juwi AG [DE]	<a href="#">Map</a>	153	3.4	4	0.3	12
4	Eiffage [FR]	<a href="#">Map</a>	81	3.2	10	0.2	16
5	Equans (division of Bouygues) [FR]	<a href="#">Map</a>	221	3.2	20	0.4	8
6	BayWa r.e. [DE]	<a href="#">Map</a>	113	2.4	8	0.2	18
7	Enerparc [DE]	<a href="#">Map</a>	242	2.4	0	0.0	
8	Elecnor [ES]	<a href="#">Map</a>	34	2.2	3	1.1	2
9	Belectric [DE] (now part of Elevation)	<a href="#">Map</a>	108	2.1	2	0.1	26
10	Cypress Creek Renewables [US] (acquired by EQT Infrastructure [SE])	<a href="#">Map</a>	145	1.8	0	0.0	
11	Scatec ASA [NO]	<a href="#">Map</a>	29	1.7	3	0.1	24
12	Metka-Egn [GR] (part owned by Mytilineos with Egnatia Energy)	<a href="#">Map</a>	79	1.6	4	0.2	17
13	Canadian Solar [CA] (Inc Recurrent Energy)	<a href="#">Map</a>	25	1.6	1	0.5	4
14	Abengoa [ES]	<a href="#">Map</a>	13	1.1	0	0.0	
15	Grupotec [ES]	<a href="#">Map</a>	65	1.0	8	0.2	20
16	SunEdison [US] (in insolvency)	<a href="#">Map</a>	56	1.0	0	0.0	
17	Exus Management Partners [ES]		4	0.9	0	0.0	
18	Sterling & Wilson [IN] (part of SP India)	<a href="#">Map</a>	7	0.8	0	0.0	
19	Larsen & Toubro [IN]	<a href="#">Map</a>	23	0.7	0	0.0	
20	Focus Energia [BR]		1	0.7	1	0.7	3
21	China Guodian Corporation [CN]		6	0.7	2	0.3	9
22	EDF Energies Nouvelles [FR] (part of EDF) (Inc EDF Renewable Energy, groSolar)	<a href="#">Map</a>	36	0.6	0	0.0	
23	TBEA (Tebian Electric Apparatus ) [CN] (Inc TBEA SunOasis)		9	0.6	1	0.1	28
24	ENcome [AT]		19	0.5	0	0.0	
25	IB Vogt Solar [DE]	<a href="#">Map</a>	41	0.5	0	0.0	
26	CGN Solar Energy Development [CN] (part of CGN)	<a href="#">Map</a>	7	0.5	2	0.1	22
27	Vikram Solar [IN]		7	0.5	0	0.0	
28	Origis Energy [US]		1	0.5	1	0.5	4

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Totals listed above: 1,770 52.4 83 8.0

[a] These top 28 O&M contractors account for 52-GWac, ~9% of the world total.

[b] GWac total for projects over 4MWac; GWp figures typically ~25% higher

[c] Hyperlinks to Wiki-Solar map of company's projects

[d] Wiki-Solar database holds O&M contractors for ~13% of projects so there will be some omissions from this list and figures for others may be understated by a factor of 8 on average