

## Utility-scale solar breaks through 500 GWp Leading EPC contractors thrive

Global installed capacity of utility-scale solar has broken through 400 GW<sub>AC</sub> says sector specialists Wiki-Solar. Having started the year below 350 GW, the total now stands at 405 GW<sub>AC</sub>, representing just over 500 GW<sub>DC</sub> – that’s half of a terawatt peak.

Leading EPC contractors are thriving as the market boom continues, according to figures also published today. “American, European and Indian contractors are all doing well”, says Wiki-Solar founder Philip Wolfe; “with many again achieving record results”.

| Rank | EPC contractor  | Cumulative to date |       | Change since end 2020 |       |      |
|------|---|--------------------|-------|-----------------------|-------|------|
|      |   | Plants             | GWac  | Plants                | GWac  | Rank |
| 1    | SOLV Energy [US] (formerly Swinerton)                 | 155                | 9.815 | 25                    | 3.473 | 1    |
| 2    | First Solar [US]                                      | 57                 | 4.274 | 0                     | 0.000 |      |
| 3    | Eiffage [FR]  | 80                 | 3.818 | 34                    | 1.770 | 3    |
| 4    | Sterling & Wilson [IN] (part of SP Group)             | 69                 | 3.778 | 4                     | 0.611 | 14   |
| 5    | McCarthy Building [US]                                | 59                 | 3.459 | 15                    | 2.018 | 2    |
| 6    | ACME Solar [IN]                                       | 50                 | 2.931 | 5                     | 1.200 | 5    |
| 7    | Belectric [DE] (now part of Elevion)                  | 162                | 2.917 | 17                    | 0.584 | 16   |
| 8    | Enerparc [DE]   | 270                | 2.799 | 7                     | 0.396 | 21   |
| 9    | Abengoa [ES] inc. Abener Energia                      | 32                 | 2.656 | 2                     | 0.624 | 13   |
| 10   | Mahindra [IN]   | 44                 | 2.653 | 2                     | 0.436 | 20   |
| 11   | Bouygues [FR]   | 173                | 2.575 | 52                    | 1.000 | 9    |
| 12   | BayWa r.e. [DE] inc. GroenLeven                       | 108                | 2.390 | 28                    | 1.141 | 7    |
| 13   | juwi AG [DE] inc. JSI Construction                    | 145                | 2.328 | 14                    | 0.228 |      |
| 14   | Mortenson Construction [US]                           | 24                 | 2.247 | 4                     | 0.493 | 19   |
| 15   | Vinci Energies [FR] inc. Semi, Omexom & others        | 39                 | 2.142 | 4                     | 0.106 |      |
| 16   | Signal Energy [US]                                    | 12                 | 1.861 | 4                     | 0.884 | 11   |
| 17   | Metka-Egn [GR] (part owned by Mytilineos)             | 81                 | 1.845 | 14                    | 1.168 | 6    |
| 18   | Larsen & Toubro [IN]                                  | 52                 | 1.769 | 5                     | 0.175 |      |
| 19   | Rosendin Electric [US]                                | 18                 | 1.721 | 6                     | 1.010 | 8    |
| 20   | Tata Power [IN]                                       | 17                 | 1.596 | 5                     | 0.972 | 10   |
| 21   | Scatec ASA [NO]                                       | 32                 | 1.522 | 3                     | 0.128 |      |
| 22   | Blattner Energy [US]                                  | 13                 | 1.503 | 1                     | 0.642 | 12   |
| 23   | Biosar Energy [GR]                                    | 49                 | 1.495 | 1                     | 0.028 |      |
| 24   | Acciona Energía [ES]                                  | 23                 | 1.464 | 1                     | 0.201 |      |
| 25   | Cypress Creek Renewables [US]                         | 79                 | 1.374 |                       |       |      |
| 26   | State Power Investmt Corp [CN] inc. Shanghai Electric | 3                  | 1.358 | 1                     | 1.258 | 4    |
| 27   | TSK Group [ES] inc. TSK Electronica y Electricidad    | 21                 | 1.323 | 5                     | 0.607 | 15   |
| 28   | Sener [ES]  | 18                 | 1.129 | 0                     | 0.000 |      |
| 29   | Gransolar [ES]  | 17                 | 1.107 | 3                     | 0.325 | 22   |
| 30   | Goldbeck Solar [DE]                                   | 66                 | 1.107 | 10                    | 0.295 | 24   |
| 31   | Bharat Heavy Electricals [IN]                         | 20                 | 1.063 | 8                     | 0.505 | 18   |
| 33   | Elecnor [ES]  | 39                 | 1.030 | 7                     | 0.181 |      |
| 34   | RES Group (Renewable Energy Systems) [GB]             | 23                 | 0.995 | 2                     | 0.130 |      |
| 35   | Grupotec [ES]   | 68                 | 0.981 | 17                    | 0.553 | 17   |
| 36   | Vikram Solar [IN]                                     | 11                 | 0.961 | 1                     | 0.315 | 23   |

© Wiki-Solar.org

[a] GWac figures are totalled for projects over 4 MWac, so GWp totals are typically 25-50% higher than shown here.  
[b] Wiki-Solar's database holds EPC contractors for 32.2% of active plants (19.5% by these 36 listed companies) so some participants may not be shown, and for others figures may be understated by a factor of 3 on average.

**The world's top utility-scale solar constructors with over ~1,000 MW<sub>AC</sub> cumulative capacity**

The main climbers at the top of the list are France’s Eiffage (now #3), McCarthy in the US (5), ACME India (6) and BayWa r.e. of Germany (12).



Continued/-

Spain's Abengoa, the former world #2, has now started climbing again thanks to the resurgent local market, which has also benefitted TSK and brought Grupotec into the list. Greece's Metka-EGN maintains its climb up the list.

Indian contractors ACME and Tata have benefitted from the continuing boom in large-scale solar projects in their home market. Chinese companies have also advanced, but continue to be under-reported in these figures owing to the lack of available data from their market.

Readers are reminded that Wiki-Solar measures capacity in MW<sub>AC</sub> including only projects over 4MW<sub>AC</sub>, so the listed PV companies have all installed comfortably over 1.25 GW<sub>P</sub>, measured by the DC solar array output. Wiki-Solar's database includes both PV and solar thermal power plants.

Most, but not all, of the leading operation and maintenance contractors – which Wiki-Solar lists separately [on its website](#) – are companies in this top constructors table.

T E X T   E N D S

**Notes for editors:**

- [1] This release on the utility-scale solar market is available here: [http://wiki-solar.org/library/public/2210\\_Utility-scale\\_solar\\_tops\\_500GWp - Leading\\_EPCs.pdf](http://wiki-solar.org/library/public/2210_Utility-scale_solar_tops_500GWp_-_Leading_EPCs.pdf)
- [2] The top-list, with further details of the role of the EPC contractor is shown on Wiki-Solar's website [here](#); and equivalent details for O&M contractors are given [here](#).
- [3] 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>.
- [4] Wiki-Solar is the leading authority on utility-scale solar with a database covering over 19,000 utility-scale solar projects, of which about three-quarters are operational. Except where stated, 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:**

+44 (0)7971 786417

[philip@wiki-solar.org](mailto:philip@wiki-solar.org)

