



20GW of solar power stations put into operation

What is the major solar projects list?

The Major Solar Projects List is a database of all ground-mounted solar projects, 1 MW and above, that are either operating, under construction or under development. The list is for informational purposes only, reflecting projects and completed milestones in the public domain.

How many solar projects are there?

There are more than 7,950 major solar projects currently in the database, representing over 340 GWdc of capacity. There are over 1,200 major energy storage projects currently in the database, representing more than 89,000 MWh of capacity. The list shows that there are more than 180 GWdc of major solar projects currently operating.

How is the list of solar projects gathered?

The information in the list was gathered from public announcements of solar projects in the form of company press releases, news releases, and, in some cases, conversations with individual developers. It is not a comprehensive list of all utility-scale projects under development.

Which solar projects came online in the first half of 2024?

The 380-MW battery storage capacity at Gemini and the 300-MW Eleven Mile Solar Center in Arizona were the two largest projects that came online in the first half of 2024. Wind power made up 12% (2.5 GW) of U.S. capacity additions.

How many GW of electric generating capacity are there in 2024?

According to our latest Preliminary Monthly Electric Generator Inventory, developers and power plant owners added 20.2 gigawatts (GW) of utility-scale electric generating capacity in the United States during the first half of 2024. This new capacity is 3.6 GW (21%) more than the capacity added during the first six months of 2023.

Will utilities add more solar capacity in 2024?

If utilities add all the solar capacity they are currently planning, solar capacity additions will total 37 GW in 2024, a record in any one year and almost double last year's 18.8 GW. Utilities could also add a record amount of battery storage capacity this year (15 GW) if all planned additions come online.

Tianhe Solar Energy (688599.SH): There are plenty of orders in hand; the first phase of the 20GW crystal project is in the production stage, and the second phase is expected to be put ...



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