

GW-level major solar energy projects





Overview

SEIA makes major solar project data available to the public through the map below. SEIA members have exclusive access to the list as a sortable, searchable MS Excel file that is.

SEIA does not guarantee that every identified project will be built. Like any other industry, market conditions may impact project economics and timelines. SEIA will remove a project if it is publicly announced that it has been canceled. SEIA actively.

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.

Who is the best solar PV developer in the world?

With a total capacity of 41.3GW, TotalEnergies became the top solar PV developer in the world based on its operational, under-construction, and power purchase agreement (PPA)-contracted projects. India-based renewable energy developer Adani Green Energy ranked second with 18.1GW, followed by Canada-based Brookfield Renewable Partners with 18GW.

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.

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.

What is the largest solar project in the United States?

With a planned photovoltaic capacity of 690 megawatts (MW) and battery storage of 380 MW, it is expected to be the largest solar project in the United States when fully operational. Battery storage. We also expect battery storage to set a record for annual capacity additions in 2024.

Where can I find a list of major solar project data?

SEIA makes major solar project data available to the public through the map below. SEIA members have exclusive access to the list as a sortable, searchable MS Excel file that is updated monthly.



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[Top developers plan 92.1 GW of wind, solar projects in U.S.](#)

At the end of 2021, the top developers had a project pipeline of 76.9 GW. NextEra Energy Inc. has the most capacity of combined U.S. wind and solar projects with 18,496 MW. The Juno Beach, ...

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