

With over 54 GW of solar installed, enough energy to power over 15 million homes. Texas has the fastest growing solar economy with the largest utility-scale solar and energy storage projects in the nation. Ranking ...

The U.S. Energy Information Agency expects growth in U.S. power generation over the next two years to be mostly driven by new solar plants, it said on Friday.

NLR is advancing concentrating solar-thermal power (CSP)--along with integral long-duration thermal energy storage--to provide reliable heat for industrial processes and firm electricity. CSP uses a ...

The largest solar thermal power plant in the world is the 392 MW Ivanpah Solar Power Facility, in California. It deploys 173,500 heliostats each with two mirrors focusing solar energy on boilers located on centralized ...

The database combines datasets from the U.S. EIA, the Environmental Protection Agency (EPA) and the National Renewable Energy Laboratory (NREL). The locations and array boundaries of all facilities were ...

"In our most recent monthly inventory of power plants, developers reported plans to bring 32 GW of solar capacity online in the next 12 months (October 2025 through September 2026)," EIA...

Lawrence Berkeley National Laboratory compiled and synthesized empirical data on the U.S. utility-scale solar sector.

In recent years, clean energy sources have increasingly dominated U.S. power plant construction. The latest estimates reveal that in 2025, approximately 93% of all newly constructed capacity ...

Solar energy is the fastest growing and most affordable source of new electricity in America. As the cost of solar energy systems dropped significantly, more Americans and businesses are taking ...

We expect 63 gigawatts (GW) of new utility-scale electric-generating capacity to be added to the U.S. power grid in 2025 in our latest Preliminary Monthly Electric Generator Inventory report. This amount ...

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