



National New Energy Solar Power Generation

Developers added 12 gigawatts (GW) of new utility-scale solar electric generating capacity in the United States during the first half of 2025, and they plan to add another 21 GW in the ...

Renewables now dominate new power generation capacity, while new domestic clean energy manufacturing facilities are popping up around the nation. However, headwinds are also ...

NLR is defining the next generation of concentrating solar power (CSP) plants through integration of thermal energy storage technologies that enhance system capacity, reliability, ...

In the past 10 to 15 years, solar energy capacity in the U.S. has rapidly grown, making solar a significant part of the power grid. Solar power electricity generation continues to grow ...

On this page you'll find resources to learn what solar energy is; how you, your business, or your community can go solar; and find resources for every step of the way.

Solar energy in the United States is booming. Along with our partners at Wood Mackenzie Power & Renewables, SEIA tracks trends and trajectories in the solar industry that demonstrate the diverse ...

For electricity generation, it can then feed solar heat into steam turbines with synchronous generators, thereby providing inertia, stability, and resilience for the grid. As an emerging solar ...

NLR's solar energy research leverages our expertise--from materials to systems to commercialization--to continually improve the affordability, performance, and reliability of this ...

Solar continues to be the main fuel type for new additions, with over 30,000 MW of solar energy added in 2024, nearly double the amount added in 2023. This report also analyzes prospective generation ...



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