

Analysis of the current status of solar power generation projects

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It examines the current state of solar power and related academic solar energy research in different countries, aiming to provide valuable guidance for researchers, designers, and policymakers ...

Growth in utility-scale and distributed solar PV more than doubles, representing nearly 80% of worldwide renewable electricity capacity expansion. Low module costs, relatively efficient permitting processes ...

Almost 70 gigawatts (GW) of new solar generating capacity projects are scheduled to come online in 2026 and 2027, which represents a 49% increase in U.S. solar operating capacity ...

EIA projects that PV's growth in 2023 (27 GWac) and 2024 (36 GWac) will continue in 2025 (39 GWac) and remain at similar levels in 2026 (36 GWac). In 2024, 24 states and territories ...

Mid-2026 starts: Projects beginning construction by July 4, 2026, or in service by 2027, may still qualify but face uncertainty around FEOC compliance. Beyond utility-scale wind and solar, phaseouts are ...

While it's still too early to assess the scale of these possible impacts, a recent SEIA analysis estimates that over 73 GWac of solar projects still lack all necessary permits, many of which ...

US Solar Market Insight is a quarterly publication of Wood Mackenzie and the Solar Energy Industries Association (SEIA).

There is no doubt that solar power has become the driving force of the global energy transition. Looking ahead, however, there remain challenges that must be addressed for solar to ...

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