Snapshot of Clean Power in 2024: American Clean Power Association Report

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03/13/2025

The American Clean Power Association ("ACPA") has released a report titled:

Snapshot of Clean Power in 2024 ("Report").

The Report is described as a preview of an upcoming full Clean Power Annual Market Report that the organization will be releasing.

ACPA describes itself as:

…leading voice of today's multi-tech clean energy industry, representing energy storage, wind, utility-scale solar, clean hydrogen, and transmission companies.

Key conclusions of the Report include:

- 93% of new energy capacity that came online in 2024 was solar, wind, and storage.
- 49 GW of clean energy was installed in 2024.
- Clean energy in the United States surpasses 300 GW of overall capacity.

The 49 GW of 2024 installed capacity is stated to constitute a 33% increase over the previous record of 37 GW set in 2023.

Additional conclusions in the Report include:

- 11 GW of energy storage was deployed in 2024.
- Including both offshore and onshore wind, the overall wind pipeline is 40 GW, with 20 GW under construction.
- 46 U.S. primary component manufacturing projects across the utility-scale wind, solar, and storage supply chains came online in 2024.
- States with some of the fastest growth in clean power capacity 2024, included Mississippi, Louisiana, and Kentucky increasing operational capacity by more than 200% year-over-year.

A link to the full Clean Power Annual Market Report 2024 will be released in April.

A copy of this Snapshot Report can be downloaded here.