

Vision for American Energy Storage: Solar Energy Industries Association White Paper



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The Solar Energy Industries Association (“SEIA”) has issued a January 2025 White Paper titled:

Vision for American Energy Storage (“White Paper”).

The White Paper analyzes what it describes as the:

...economic and energy security imperative of a strong storage sector.

SEIA describes itself as leading the transformation to a clean energy economy. The organization states it works with its 1,200 member companies and other strategic partners to fight for policies that create jobs in every community and promote competition and the growth of reliable, low-cost solar power.

SEIA outlines as a target the deployment of 10 million distributed storage installations and to reach 700 gigawatt-hours (GWh) of total installed storage capacity by 2030.

Policy recommendations addressed include:

- Open markets for storage development.
- Build financial support
- Grow a domestic storage supply chain.
- Progress long-duration storage technology.

Specific recommended actions include:

- Preserving the federal tax credit for standalone storage.
- Ensuring equal grid access and fair compensation to storage for grid services.
- Reforming interconnection processes to account for storage flexibility.
- Establishing affordable retail rates for storage charging.
- Supporting domestic manufacturing with targeted trade policies and streamlined permitting.
- Implementing state-level procurement programs.
- Emphasizing investments in low-income communities, including areas disproportionately impacted by extreme weather and poor air quality.
- Investing in further development of long-duration storage.

A copy of the White Paper can be downloaded [here](#).