



US Energy Storage Equipment Subsidies

How much do state energy storage incentives cost?

o At the time of this report, average residential/small commercial energy storage incentive rates for the state programs examined ranged from \$350/kWh to \$1,333.33/kWh, with a mean rate of \$805/kWh. o State policymakers should consider combined up-front and performance-based incentives.

What are energy storage incentive programs?

The energy storage incentive programs considered in this report fall into three categories: 1. Rebates (payment for installing storage) 2. Performance incentives (payment for storage services provided to a utility or grid operator) 3.

Are state incentives necessary to increase distributed storage deployment?

o Despite all these variables, numerous studies as well as experience have shown that until energy markets mature, battery prices fall, and currently non-monetizable energy storage services become monetizable, state incentives are a necessary and critical key to increasing distributed storage deployment.

What are the different types of energy storage incentives?

In addition, there are other types of energy storage incentives that have been tried. For example, storage may be added to existing renewable programs, such as solar incentive programs, or be made eligible for market-based programs such as utility renewable portfolio standards (RPS).

Are energy storage projects eligible for a bonus credit?

Domestic Content - IRS Notice 2023-38 (May 12, 2023) An energy storage project (among others) is eligible for an "add-on" bonus credit (generally an additional 10% ITC) if it satisfies US Federal Transit Administration-based "Buy America Requirements" for domestic content.

Are battery storage systems eligible for a tax credit?

For the first time, standalone storage systems will be eligible for a 30 percent investment tax credit (ITC) -- and up to 70 percent with additional incentives. "It's a really big deal," said Peter Cavan, Director of Market Development for battery storage developer Convergent Energy and Power.

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