

Energy storage equipment manufacturing equity incentive





Overview

This white paper overviews provisions in the Inflation Reduction Act of 2022 (“IRA”) and associated implementation guidance in effect as of the date reflected that provide tax credits and incentives for solar, wind, and energy storage technologies.¹ Principally, the IRA extended, expanded, and/or newly authorized two buckets of tax credits: (1) energy generation tax credits, and (2) advanced manufacturing tax credits applicable to these industries. How has the energy storage industry progressed in 2024 & 2025?

The energy storage industry has continued to progress over the course of 2024 and into 2025, buoyed in significant part by the federal income tax benefits in the form of tax credits enacted under the Inflation Reduction Act of 2022 (IRA).

What regulatory guidance has the government released on energy storage?

Of particular importance to the energy storage industry, the government has released final regulatory guidance for the ITC (both Section 48 and 48E of the Code), prevailing wage and apprenticeship (PWA) requirements, and transferability and direct payment, as well as other guidance on the energy community and domestic content tax credit “adders.”.

What can new tax credits and incentives do for manufacturers?

Changes to tax credits and incentives under this new law offer manufacturers significant opportunities to fund new renewable energy projects and investment in domestic manufacturing of equipment such as electric vehicles (EVs).

Are IRA tax benefits a viable option for energy storage facilities?

While the vitality of the IRA tax benefits in their current form is currently subject to uncertainty given the results of the 2024 federal general election, the existing market practice for financing energy storage facilities since the IRA’s passage continues to evolve in reaction to the act’s new requirements and opportunities.



Why is the energy storage industry important?

Under dual-carbon targets, the development of the energy storage industry is of strategic significance for building a new energy system, improving the energy structure, ensuring energy supply, and promoting the low-carbon transition in China (He et al., 2023; Lee et al., 2023).

How do government subsidies help energy storage enterprises?

Government subsidies alleviate the financial constraints of energy storage enterprises. Government subsidies promote R&D investment in energy storage enterprises. Differentiated subsidy strategies can generate higher TFP improvement returns. Government subsidies are an important means to guide the development of the energy storage industry.



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[Battery Manufacturing and Recycling Grants](#)

The Battery Manufacturing and Recycling Grants Program is designed to provide grants to ensure that the United States has a viable domestic manufacturing ...

[Self-Generation Incentive Program HANDBOOK](#)

29 The equity budget step-up incentive structure and the linkage between the equity budget and step three of the general storage incentives adopted in D.17-10-004 is eliminated.



[Energizing American Battery Storage Manufacturing](#)

The IRA has the potential to greatly expand solar and energy storage manufacturing in the United States. For energy storage, the IRA offers incentives to produce electrode active materials, ...



FACT SHEET: Four Ways the Inflation Reduction Act's Tax ...

According to credible third-party estimates, the Inflation Reduction Act's climate and clean energy tax incentives have the potential to drive



investment that will support more than one million ...



Financial Incentives for Hydrogen and Fuel Cell Projects

The Advanced Energy Project Credit extends the 30% investment tax credit and creates funding for manufacturing projects producing fuel cell electric vehicles, hydrogen infrastructure, ...

Renewable energy explained

Renewable energy requirements and incentives Federal, state, and local governments and electric utilities encourage investing in and using renewable energy and, in ...



Energy storage set for major Inflation Reduction Act ...

For the upstream battery and energy storage system value chains, there are also tax incentives for siting production within the US, as ...



Energy and Climate Solutions White Paper: Solar, Wind, and ...

Maximum Current and Tech-Neutral ITC Credit: For stand-alone energy storage projects, utility-scale wind and solar projects, and utility-scale wind and solar + battery energy storage system



...



[Canada Clean Electrification and Energy Storage](#)

...

Tax credits and incentives proposed in Canada's 2023-2024 budget relevant to electrification, clean technology manufacturing, and energy storage projects.



What role do financial incentives play in the success of energy ...

In summary, financial incentives such as tax credits, rebates, performance payments, and equity-focused bonuses are central to making energy storage economically ...



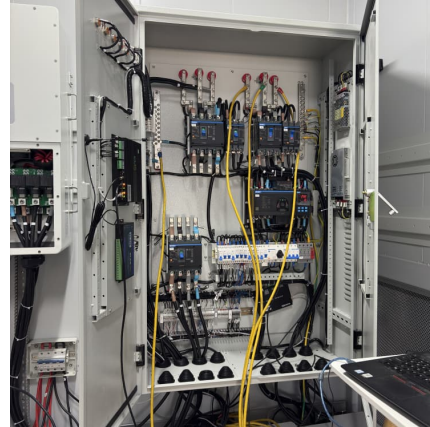
[Clean Energy Tax Incentives for Businesses](#)

Provides a tax deduction for the cost of energy efficiency improvements to commercial buildings, installed as part of the building envelope; interior lighting systems; or the heating, cooling, ...

[energy storage equipment manufacturing equity incentive](#)



Lawyers Adam Schurle and Morten Lund at Foley Lardner take a closer look at what that means for tax equity financing of energy storage, while exploring some of the questions still to be ...



Self Generation Incentive Program

The Self-Generation Incentive Program (SGIP) provides incentives for residential and commercial customers installing qualifying distributed energy resources (DERs) ...

[Participating in Self-Generation Incentive Program ...](#)

The CPUC's Self-Generation Incentive Program (SGIP) offers rebates for installing energy storage technology at both residential and non-residential ...



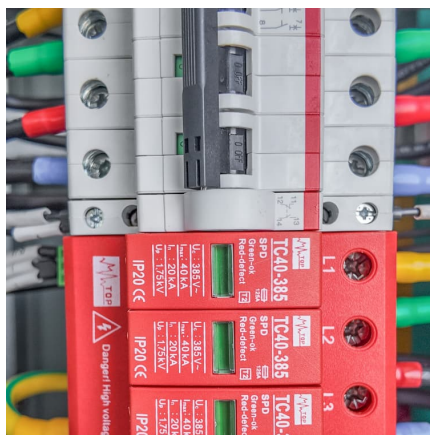
SGIP

The Self-Generation Incentive Program (SGIP) provides financial incentives for the installation of new qualifying technologies that are installed to meet all or a portion of the electric energy ...



Federal Laws and Incentives

Federal Laws and Incentives Listed below are the summaries of all current Federal laws, incentives, regulations, funding opportunities, and other initiatives related to alternative fuels ...



US-made battery storage to be cost-competitive with China in 2025

US-made battery energy storage system (BESS) DC container solutions will become cost-competitive with those from China in 2025 thanks to incentives under the Inflation ...

[Energy Storage Incentives / Minnesota Department of ...](#)

Incentives are currently available for battery storage systems up to 50kWh paired with solar energy systems. For customers outside Xcel Energy service areas ...



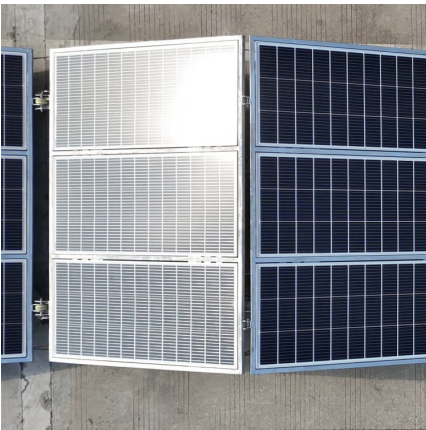
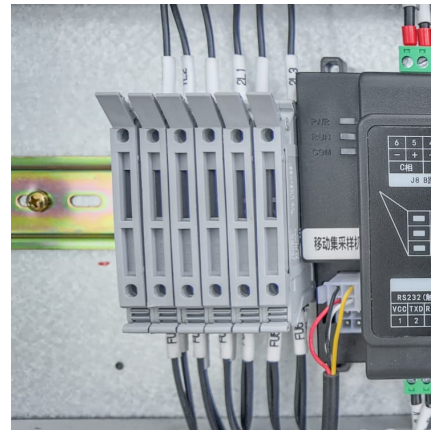
[Energy Storage Incentive Rate Setting for States](#)

Equity: Equity provisions in energy storage incentive programs are important to enable underserved communities and low-income customers to participate. States should consider ...



[Battery Policies and Incentives Search](#)

Use this tool to search for policies and incentives related to batteries developed for electric vehicles and stationary energy storage. Find information related to ...

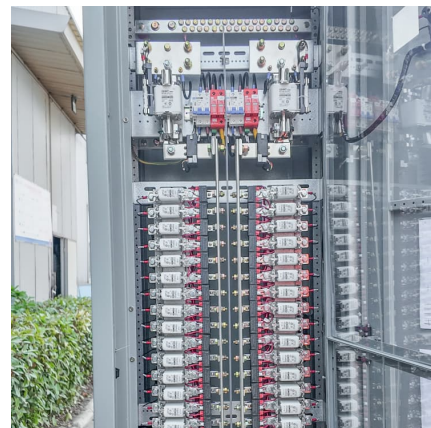


New Home Energy Storage Pilot (NHESP)

Our New Home Energy Storage Pilot (NHESP) provides financial incentives for the installation of energy storage systems on new single-family or multi-family ...

[Investing in the Energy Storage Revolution](#)

Moreover, as countries amplify efforts to mitigate climate change, policy shifts and regulatory incentives are expected to further boost the energy storage sector. This support, combined ...





[Self-Generation Incentive Program HANDBOOK](#)

23 Customers that qualify for Self-Generation Incentive Program incentives through categorical eligibility that are later found ineligible or are disenrolled from the California Alternate Rates for ...

Government of Canada Launches the First Clean Economy ...

The Honourable Jonathan Wilkinson, Minister of Energy and Natural Resources, and the Honourable Marie-Claude Bibeau, Minister of National Revenue, announced the ...



What role do state and federal programs play in providing upfront

State and federal programs play a crucial role in providing upfront incentives for energy storage, significantly reducing the initial cost burden and encouraging adoption. Federal ...

[Grants, Loans, Rebates, and Other Incentives](#)

View Upcoming FY26 Programs List Here The Maryland Energy Administration (MEA) manages grants, loans, rebates, and tax incentives designed to help ...



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