



SolarGrid Energy Solutions

Credit for energy storage projects



Overview

The U.S. energy storage sector is expected to continue expanding after the enactment of the FY2025 Budget Act, which secures Investment Tax Credit (ITC) eligibility for storage projects commencing construction through the end of 2033. Who can claim energy storage credits?

Taxpayers with a qualified facility and energy storage technology placed in service after Dec. 31, 2024 may claim the credit. Elective payment and transfer of credits may be available to certain applicable entities to include tax-exempt organizations and government entities.

What is the clean electricity investment credit?

The Clean Electricity Investment Credit is a newly established, tech-neutral investment tax credit that replaces the Energy Investment Tax Credit once it phases out at the end of 2024. This is an emissions-based incentive that is neutral and flexible between clean electricity technologies.

Do energy storage projects qualify for a new ITC?

Energy storage projects placed in service after Dec. 31, 2022, that satisfy a new domestic content requirement will be entitled to a 10% additional ITC (2% for base credit).

What is the ITC rate for energy storage projects?

Energy storage installations that begin construction after Dec. 31, 2024, will be entitled to credits under the technology-neutral ITC under new Section 48E (discussed below). The base ITC rate for energy storage projects is 6% and the bonus rate is 30%.

Is energy storage eligible for the IRA ITC?

Standalone energy storage is not eligible for this credit, but energy storage installed in connection with wind and solar projects may be eligible. In addition to all the changes for the ITC, the IRA also revised the Section 25D credit

homeowners use for residential energy storage projects, such as batteries.

When does the clean electricity investment credit phase-out start?

The credit is available to taxpayers with a qualified facility and energy storage technology placed in service after Dec. 31, 2024. The Clean Electricity Investment Credit phase-out starts for the later of 2032 or when U.S. greenhouse gas emissions from electricity are 25% of 2022 emissions or lower.

Credit for energy storage projects



How do tax credits influence the financing strategies for energy

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

5 days ago · 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 ...



Senate reconciliation bill draft keeps energy storage ITC

Jun 17, 2025 · US tax credits for energy storage projects could be retained even if solar PV, wind and electric vehicle (EV) incentives face cuts. The chairman of the US Senate Finance ...

How do tax credits impact the financial viability of standalone

energy

Jan 11, 2025 · Tax credits significantly impact the financial viability of standalone energy storage projects by reducing the upfront costs and improving their overall profitability. Here are key ...



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Clean Electricity Investment Credit

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IRA sets the stage for US energy storage to ...

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Investment tax credit for energy property under section 48

Jan 9, 2025 · Background The U.S. Treasury Department and IRS on December 4, 2024, released final regulations (T.D. 10015) relating to the

investment tax credit (ITC) for energy ...



Senate Reconciliation Bill Draft Preserves Energy Storage ITC ...

Jun 18, 2025 · Senate Reconciliation Bill Draft Preserves Energy Storage ITC While Reducing Solar PV, Wind, and EV Incentives -- In a recent development, US tax credits for energy ...



How to Claim the Energy Storage Tax Credit

Jun 18, 2025 · Navigate the federal tax credit for battery storage systems. Understand the key financial considerations and procedural steps to successfully claim this incentive. The federal ...

The State of Play for Energy Storage Tax Credits ...

Mar 7, 2025 · Energy storage was one of the major beneficiaries of the IRA's new rules on both the deployment and

manufacturing sides. The IRA enacted the ...



What the budget bill means for energy storage ...

Jul 10, 2025 · Storage projects that start construction before 2033 will remain eligible for both the ITC and PTC. Those beginning in 2025 can receive an ...

The State of Play for Energy Storage Tax Credits ...

Mar 7, 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 ...



US finalises 45X tax credit for batteries, solar ...

Oct 25, 2024 · This applies to the tax credits for component production, which amount to 10% of those production costs. The other significant tax credit for



US Senate budget bill proposal keeps cuts to ...

Jun 17, 2025 · A U.S. Senate panel proposed a full phase-out of solar and wind energy tax credits by 2028 but extended the incentive to 2036 for hydropower, ...



What are the new tax credit opportunities for energy storage projects

Jan 26, 2025 · Standalone Energy Storage Credit: Starting January 1, 2023, homeowners can claim a 30% tax credit for standalone energy storage systems of 3 kWh or greater, whether or ...

U.S. utility-scale battery projects sell tax credits ...

Feb 11, 2025 · Four utility-scale energy storage projects in Massachusetts have sold their Inflation Reduction Act

investment tax credits for nearly \$10 million. ...

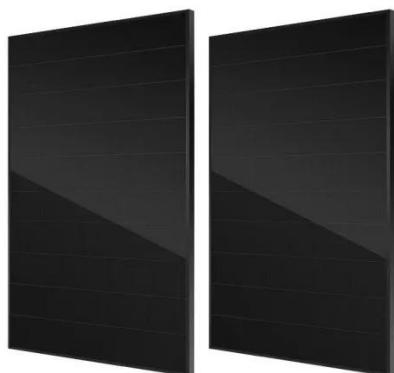


What are the specific requirements for energy storage projects ...

Dec 29, 2024 · To qualify for the 30% tax credit for energy storage projects, the requirements can vary depending on whether the project is residential or commercial. Here are...

Battery Energy Storage Tax Credits in 2024

Jan 12, 2024 · This guide unpacks the tax credits for battery storage included in the US Inflation Reduction Act (IRA).



U.S. Department of the Treasury Releases Final ...

Dec 4, 2024 · Final rules will provide additional clarity and certainty for project developers, helping to produce more clean power, build a strong clean

energy ...



What types of energy storage projects qualify for the highest tax credits

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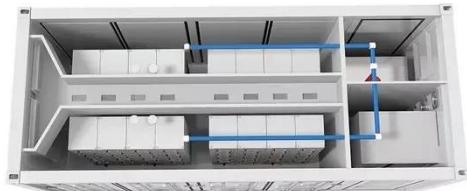
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US House budget bill ends clean energy tax credits

May 23, 2025 · The US House of

Representatives has narrowly passed a piece of reconciliation legislation, which could significantly impact the clean energy ...



GOP Battery Storage Credits Extended, Other Clean Energy ...

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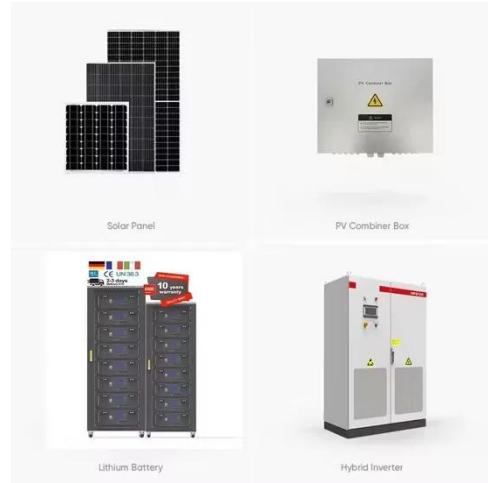
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foreign content restrictions and shifting clean energy priorities. The U.S. energy storage sector is expected to ...

What role do tax credits play in the financing of standalone energy

Dec 18, 2024 · The credit is non-refundable but can be carried forward to future years if not fully utilized. Investment Tax Credit (Section 48): Commercial energy storage projects, including ...



How do tax credits for energy storage systems work

Dec 10, 2024 · How Tax Credits for Energy Storage Systems Work Tax credits for energy storage systems are designed to incentivize the adoption of clean energy technologies by reducing the ...

§48E and §45Y tech-neutral tax credits: Guide + FAQs

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regime went into effect on January 1, 2025. Learn all about §48E and §45Y tech-neutral tax credits.

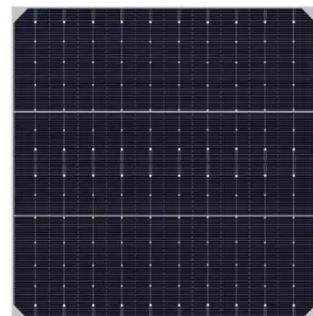


Energy storage ITC requires complex, costly tax ...

Mar 28, 2023 · Eolian made the first use of tax equity financing to get the ITC for standalone BESS projects in February. Image: Eolian The investment tax ...

How does the transferability of tax credits affect financing ...

Jan 15, 2025 · In summary, the transferability of tax credits offers a streamlined approach to financing energy storage projects, enhancing flexibility, efficiency, and accessibility for both ...



What are the specific tax credits available for commercial energy

Dec 10, 2024 · Duration and Eligibility: Tax credits under Section 48 apply to commercial and utility-scale energy

storage projects. After 2024, some proposals suggest the commercial ...



How to Claim the Energy Storage Tax Credit

Jun 18, 2025 · The total qualified expenditures are entered on this form to calculate the 30% credit, which then flows to Schedule 3 of the Form 1040 to reduce the final tax liability. ...



Clean Electricity Investment Credit

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What are the main differences between investment tax credits ...

Jan 21, 2025 · Eligibility: Energy storage projects are now eligible for ITC even on a standalone basis, thanks to the Inflation Reduction Act of 2022.

Previously, storage was only eligible if co

...



Future of US clean energy tax credits under ...

Mar 20, 2025 · Trump's upcoming budget reconciliation bill could take aim at clean energy tax credits, meaning projects need to move on construction soon.

FACT SHEET: How the Inflation Reduction Act's Tax ...

Oct 20, 2023 · The Inflation Reduction Act modifies and extends the clean energy Investment Tax Credit to provide up to a 30% credit for qualifying investments in wind, solar, energy storage, ...



The One Big Beautiful Bill Act: Key Takeaways for Clean ...

Jul 21, 2025 · The CEIC for energy storage has the benefit of the same deferred phase down, even in the case



of batteries co-located with solar or wind projects, which should permit ...

"Prohibited Foreign Entity" restrictions in the OBBBA restrict ...

Jul 21, 2025 · "Prohibited Foreign Entity" restrictions in the OBBBA restrict tax credits in connection with Chinese investment in US-based energy storage projects



Inflation Reduction Act Creates New Tax Credit ...

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