

# Berlin exempts bifacial solar modules





## Overview

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Can vertical bifacial photovoltaics be used in Europe?

The study investigates the potential of vertical bifacial photovoltaics (PV) adoption in the European electricity market. It shows that with up to 50% deployment, curtailment levels could be reduced, system costs lowered by around 3.8 billion Euros, and gas consumption decreased by nearly 12%.

How much bifacial PV can be installed in the EU?

A recent study <sup>5</sup> calculated a conservative benchmark of over 1 TWp for the PV capacity potential in the EU on rooftops (560 GWp), vertical bifacial PV along roads and rails (403 GWp) and floating PV (157 GWp) on reservoirs (which can also be bifacial).

How efficient are bifacial solar cells?

Minor adjustments to cell processing steps have resulted in bifacial solar cells with rear side efficiencies from >60% to over 90% of the front side efficiency. Bifacial cells now come in many varieties (e.g., PERC+, n-PERT, HIT, etc.) and many cell lines have converted to producing bifacial cells.

How bifacial PV panels impact the power sector?

Power sector impacts of varying share of bifacial PV panels- PV production, generation curtailment, baseload prices, avoided CO<sub>2</sub> emissions and total system operational costs, 2040.



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Berlin solar mandate drives rooftop PV installations

Oct 8, 2025 · Berlin's mandate for solar installations on new and renovated roofs has spurred rapid rooftop expansion, but the German capital remains far from its 2035 clean energy goal.

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Bifacial solar panels are once again exempt from Section 201 ...

Nov 17, 2021 · Today's decision means that imported bifacial modules are once again exempt from Section 201 tariffs, effective immediately. The Section 201 tariffs are back to 15% for this ...

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Bifacial Exemption for Solar Panels Ending; TRQ for Cells to ...

May 16, 2024 · The exclusion from solar safeguard tariffs for bifacial solar panels -- originally meant to help utility-scale installations -- is about to end, the Biden administration announced ...

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State-of-the-art bifacial module technology

May 21, 2024 · State-of-the-art bifacial module technology Bifacial , Bifacial technology promises significant reductions in the levelised cost of electricity for PV systems, and almost all major ...

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Berlin solar mandate drives rooftop PV ...

Oct 8, 2025 · Berlin's mandate for solar installations on new and renovated roofs has spurred rapid rooftop expansion, but the German capital ...

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US Section 201 bifacial exemption reinstated ...

The judgement, published today, means that as of now bifacial solar modules can be imported to the US free of punitive tariffs under the Trump ...

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Bifacial Photovoltaic Modules and Systems

Bifacial photovoltaic cells, modules, and systems are rapidly overtaking the market share of monofacial PV technologies. This is happening due to ...

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Bifacial photovoltaic cells, modules, and systems are rapidly overtaking the market share of monofacial PV technologies. This is happening due to new cell designs that have replaced ...

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Biden exempts bifacial modules while ...

Feb 4, 2022 · The Biden Administration today extended the Section 201 tariffs on US imports of crystalline silicon photovoltaic (CSPV) modules for ...

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Impacts of large-scale deployment of vertical bifacial

Aug 6, 2024 · The study investigates the potential of vertical bifacial photovoltaics (PV)

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adoption in the European electricity market. It shows that with up to 50% deployment, curtailment levels ...

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#### SEMA Coalition

Nov 28, 2025 · Washington, DC - Today, Mike Carr, the executive director of the Solar Energy Manufacturers for America (SEMA) Coalition responded to news of the removal of bifacial solar ...

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#### Berlin exempts bifacial photovoltaic modules

What are bifacial solar panels? Utility-scale bifacial solar panels are the most important for President Biden's climate agenda because they are the most efficient and used in large utility ...

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#### Biden exempts bifacial modules while extending solar tariffs

Feb 4, 2022 · The Biden Administration today extended the Section 201 tariffs on US imports of crystalline silicon photovoltaic (CSPV) modules for four more years but in a way that benefits ...

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#### US Section 201 bifacial exemption reinstated after ...

The judgement, published today, means that as of now bifacial solar modules can be imported to the US free of punitive tariffs under the Trump administration's Section 201 trade regime.

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