

Successful bid price of solar with battery project in Spain 2026

Should batteries be a 'pay as bid' model in Spain?

As things stand in Spain, batteries will need a significant boost from capacity prices to fill the gap above wholesale, balancing & ancillary revenue streams. The 'pay as bid' structure of the capacity market can help battery assets achieve this.

What happens if solar prices go down in Spain?

When German prices reach -EUR150/MWh, Spain can't import enough energy to bring the price down. Economic curtailment: Most Spanish solar installations are large commercial projects with remote control capabilities. When prices become negative, solar operators stop generating.

Can batteries access the balancing market in Spain?

Balancing markets are another key source of battery revenue, but regulatory reform is required for batteries to access the Spanish balancing market. This is likely to happen relatively quickly but creates uncertainty around the level of balancing revenues.

How much does solar PV cost?

By technology, 2,036 MW were awarded in solar photovoltaic (1,000 MW are part of the offer in which there was no technology restriction) and 998 MW in wind. As for the prices achieved, according to Government data, the weighted average price was 24.47 EUR/MWh for solar PV and 25.31 EUR/MWh for wind.

How will negative energy prices affect Spain?

Two structural factors limit how negative Spanish prices can go: Limited interconnection: Spain's 3 GW link with France is isolating it from the negative price contagion in Central Europe. When German prices reach -EUR150/MWh, Spain can't import enough energy to bring the price down.

How many megawatts are allocated to the solar industry?

The megawatts allocated were distributed amongst 32 business groups. By technology, 2,036 MW were awarded in solar photovoltaic and 998 MW in wind. Meanwhile, the weighted average price was 24.47 EUR/MWh for solar PV and 25.31 EUR/MWh for wind.

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