

SolarInnovate Energy Solutions

Croatia Solar System Project Price



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Overview

Croatia is set to allocate €25 million for solar plants and heat pumps in the public sector and will also issue a €10 million residential solar tender. How much does solar energy cost in Croatia?

In a related initiative, the Croatian energy market operator HROTE hosted a renewables tender in June 2024 to secure market premium support for 607 MW of renewable energy, which included 450 MW of solar power. The tender ultimately allocated 413.5 MW of solar energy at an average price of \$0.065 per kWh.

How many MW of solar projects did Croatia tender?

The Croatian authorities initially reviewed 144 projects totaling 713 MW for the auction. The tender was carried out in two phases. One awarded market premiums for projects with installed capacities of more than 1 MW each, including 350 MW of solar, 60 MW of wind, and 7.25 MW of hydropower.

When was the first solar auction in Croatia?

The first auction for large-scale projects in Croatia took place in 2022 to procure 638 MW of new capacity. However, it only attracted tepid interest, with premiums awarded to just 107 MW of projects. The regulator offered a 300 MW quota for solar plants, but only four bids were accepted, for a total capacity of 8 MW.

How much does hydropower cost in Croatia?

The final average price for the PV technology came in at €0.056 (\$0.065)/kWh, while the average price for hydropower was €0.158/kWh. The Croatian authorities initially reviewed 144 projects totaling 713 MW for the auction. The tender was carried out in two phases.

How much does a solar tender cost in Croatia?

The first tender, with a budget of €10 million, will be aimed at installing

residential solar arrays in the second quarter of 2025 and will cover up to 50% of the investment costs. Additionally, the Croatian authorities will announce a €25 million call to co-finance solar plants and heat pumps for the public sector in the second quarter.

How much does a solar project cost?

The maximum reference values for premiums were €0.067/kWh for photovoltaics, €0.75/kWh for wind, and €0.158/kWh for hydropower. The other part of the tender procedure awarded premiums for solar projects with capacities ranging from 200 kW to 6 MW, and wind farms with capacities from 200 kW to 18 MW.

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Jan 13, 2025 · This earlier tender highlighted the potential of Croatian solar endeavors and set a stimulating precedent for upcoming projects. By securing an average price of just \$0.065 per ...

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