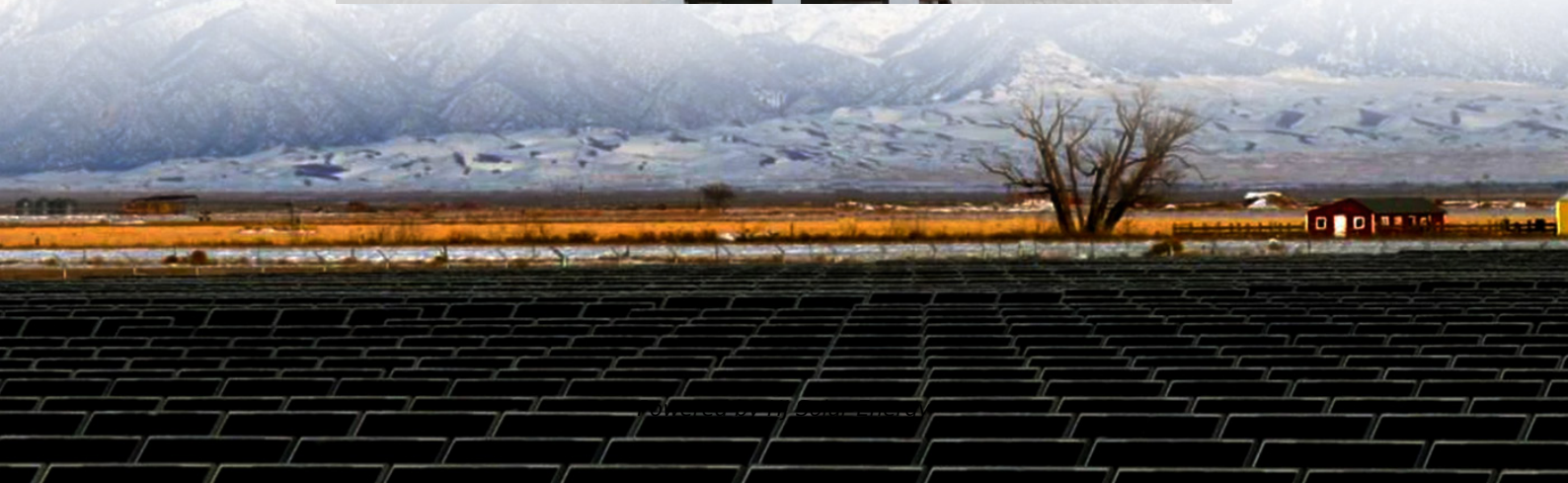


# **Total investment cost of renewable energy storage project in Poland**





## Overview

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Poland has just rolled out one of Europe's most ambitious energy storage programmes - a €980 million initiative that's set to transform the country's grid infrastructure.

Poland has just rolled out one of Europe's most ambitious energy storage programmes - a €980 million initiative that's set to transform the country's grid infrastructure.

The budget is divided between non-returnable grants (€865 million/PLN 3.735 billion) and repayable loans (€96 million/PLN 415 million). The percentage of total investment costs covered by government funding support varies by company size: Eligible beneficiaries include businesses registered in.

Funding is available in the form of non-repayable grants and repayable loans totaling PLN 4.15 billion. A total of PLN 3,735,000,000 is allocated for grants and PLN 415,000,000 for loans. The total amount of a grant shall not exceed 45% of the total investment cost of supported projects but that.

Poland's call for applications for support of energy storage projects has attracted proposals seeking almost PLN 28 billion (USD 7.5bn/EUR 6.5bn) in co-financing, exceeding by far the PLN 4.15 billion earmarked under the programme. Energy storage battery. Photo by Anna Vasileva The National Fund.

This comes on the heels of a historic €1.2 billion (\$1.3 Billion) allocation from the European Commission, specifically designed to support the installation of at least 5.4 GWh of new electricity storage facilities. The €1.2 billion aid will facilitate the construction of these storage facilities.

The European Commission (EC) has greenlit Poland's USD 1.2bn scheme for projects to increase electricity storage capabilities to foster the transition to a net-zero economy under the Temporary Crisis and Transition Framework (TCTF). The move, approved on October 3, 2024, will aid Poland's shift.

The 27th Enex Trade Fair, held on February 18-19, 2025, in Kielce, Poland,



underscored the pivotal role of Battery Energy Storage Systems (BESS) in the nation's energy landscape (Targi Kielce). This year's event saw a significant presence of Tier 1 BESS Original Equipment Manufacturers (OEMs).



## Total investment cost of renewable energy storage project in Poland

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### [Poland secures EUR1.2 billion EU aid for energy ...](#)

The European Commission has approved a EUR1.2 billion aid package to support Poland's rollout of BESS, aiming to establish at least 5.4 GWh of storage capacity. This significant investment is part of a broader strategy to ...

### ['Energy storage guarantees energy security for Poland'](#)

In related news, state-owned power producer PGE has claimed it will invest some 18 billion PLN (EUR4.3 billion) in energy storage over the next decade, deploying 10GWh of new capacity to bring its total portfolio of storage ...



### [Poland's energy storage boom is here](#)

Poland has just rolled out one of Europe's most ambitious energy storage programmes - a EUR980 million initiative that's set to transform the country's grid infrastructure.

## Poland energy review 2023

The 2023 increase in renewable generation in Poland has driven a sharp drop in estimated years, despite changes in the generation mix and increasing prices. After 2015-2018 growth,



Poland's ...



### [EU approves aid for 5.4 GWh storage rollout in Poland](#)

The European Commission (EC) has authorized a EUR1.2 billion (\$1.3 billion) Polish state aid scheme to support investment into electricity storage facilities.



### [Renewable Power Generation Costs in 2024](#)

Total installed costs for renewable power decreased by more than 10% for all technologies between 2023 and 2024, except for offshore wind, where they remained relatively stable, and ...



### **Green Tech Projects in Poland , Unlocking Investment ...**

Explore the dynamic Green Tech Market in Poland and discover high-potential Green Tech Projects in Poland. Learn about renewable energy growth, key investments, and ...





## ENERGY PROFILE Poland

Additional notes: Capacity per capita and public investments SDGs only apply to developing areas. Energy self-sufficiency has been defined as total primary energy production divided by ...



## Polish utility plans to add 10 GWh of energy storage ...

Polish utility PGE Group is planning to add more than 80 energy storage facilities through to 2035 to the tune of PLN 18 billion (\$4.7 billion). One of these will be the 981 MWh Zarnowiec battery energy storage project, which will ...

## [New Subsidy schemes for Battery Energy Storage ...](#)

The total cost of the investment incurred after the date of submission of the application for the investment project to be supported by the RRP shall be regarded as eligible costs. The call for applications for these ...



## [The transformation of Poland's renewable energy ...](#)

Source: Statista 2025 Utility-scale BESS Energy storage is crucial for balancing supply and demand in the renewable energy sector. Poland's focus on grid modernisation and energy security has opened considerable ...



### Renewable Energy Systems and Infrastructure , Energy Storage

KEY FACTS By the end of 2023, 43 jurisdictions had in place policies for energy storage, including regulatory policies, targets, and fiscal and financial incentives. China more than ...

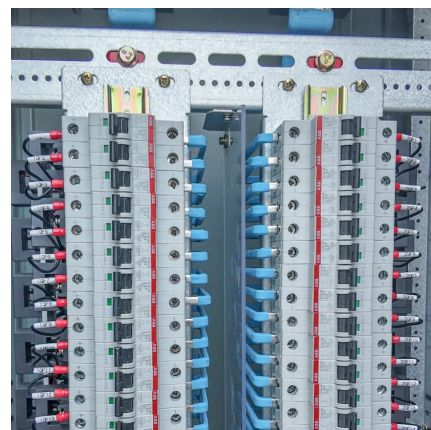


### Polish appetite for energy storage far beyond subsidy ...

In March, local utility PGE unveiled plans to build over 80 energy storage facilities with a total capacity exceeding 10,000 MWh by 2035. The initiative is estimated to require an investment of about PLN 18 billion.

### Energy Storage in Poland: Key Projects Shaping the Future

Why Poland's Energy Storage Scene Deserves Your Attention when you think about energy storage projects in Poland, coal mines might still dominate your imagination. But ...





### [Energy storage subsidy programs in Poland for 2024 ...](#)

Investment preparation and real estate purchase costs are eligible up to 10% of the total project cost. The program still requires evaluation by the European Investment Bank and the completion of state aid notification.

### [Poland Launches \\$1B Energy Storage Subsidy Scheme](#)

Poland's National Fund is accepting applications for co-financing energy storage projects (min 2MW, 4MWh) until May 30, 2025. Grants up to 45% + loans available. Boost energy security & ...

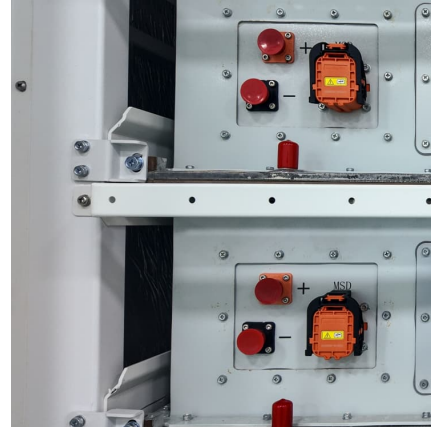


### **From Coal Dominance To Renewables: How Poland Changed Its Energy ...**

Poland's energy evolution highlights efficiency wins and renewable growth, but continued transportation inefficiency underscores urgent need for electrification.

### **Energy storage trends**

Energy storage trends Spotlight on Poland Introduction Poland has one of the fastest growing renewable energy markets in Europe. The dynamic expansion of new RES investments is evident in both photovoltaic and wind ...



### Energy storage costs

Energy storage technologies, store energy either as electricity or heat/cold, so it can be used at a later time. With the growth in electric vehicle sales, battery storage costs have fallen rapidly ...



### Supporting energy transition

The projects can also cover installation of renewable energy devices, as well as installation of devices for the production, storage, refuelling or transport of hydrogen. The scope of activities to be supported in terms of ...



### Poland's Renewable Energy Transformation: Solar, Wind, and ...

Poland's renewable energy growth--solar energy Poland, wind, biomass, and hydropower trends--plus key policies, challenges, and expert guidance.





[Poland opens funding for energy storage projects](#)

Funding is available as grants and/or loans: grants may cover up to 45% of costs (plus 10% for medium and 20% for small enterprises), while loans can finance up to 100%.



**Poland**

Introducing auctions for hybrid renewable installations, such as facilities combining at least two renewable energy systems and an energy storage facility with a utilization factor of at least 60%, is still in the government's plans.

[Poland's \\$1 billion energy storage subsidy scheme ...](#)

The total amount of a grant shall not exceed 45% of the total investment cost of supported projects but that figure may be increased to 55% for medium-sized companies and 65% for small companies.



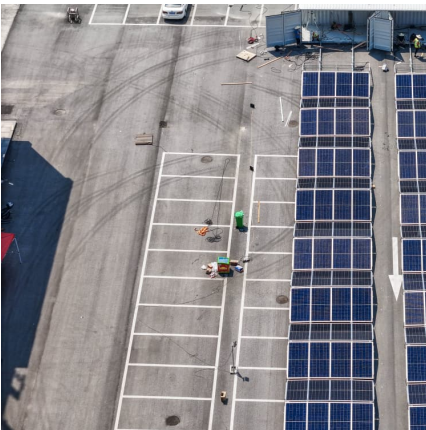
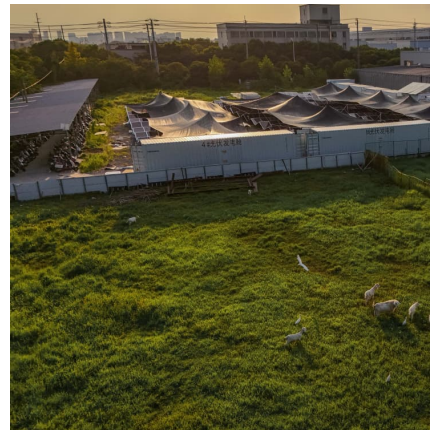
[Poland . Green Hydrogen Organisation](#)

Poland also aims to integrate hydrogen into its energy system to support renewable energy storage, grid balancing, and cogeneration projects, enhancing energy security and flexibility.



### [Poland Secures \\$3.7B for Energy Shift and Storage ...](#)

By integrating variable renewable energy sources into the national grid, this initiative aims to enhance energy security and promote a greener energy mix. The aid will be provided in the form of direct grants and ...

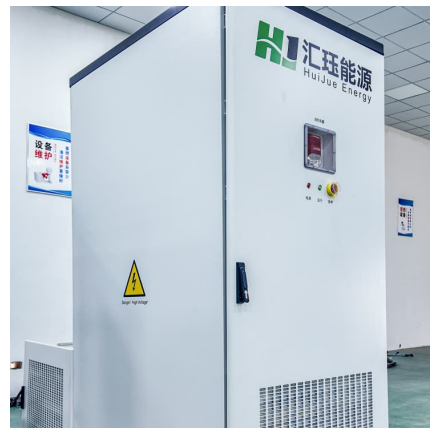


### **2024-2025**

This project envisages the construction of three units, each with a capacity of 1-1.6 GW, with the first unit to be commissioned in 2035. The investment cost is at least USD 40 billion (PLN 150 ...

### **The uncertain road to carrying out Poland's ambitious ...**

In such circumstances, operational costs (OPEX) of electricity generation in coal-fired power plants are higher than total costs (both operational and capital costs - OPEX and CAPEX) in the renewable energy sources ...



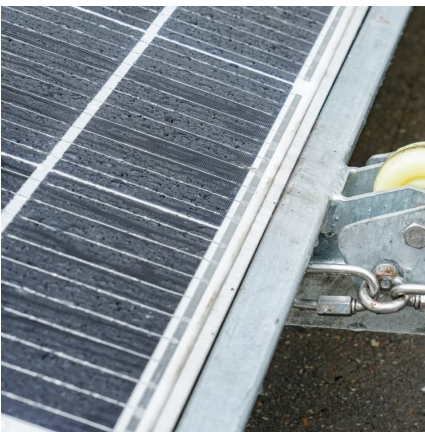


## Renewable energy in Poland

The transformation of Poland's energy sector, shifting from coal power toward renewable energy sources (RES), is inevitable. Poland has pledged to reduce CO2 emissions, ...

### [Poland: EIB extends over EUR200 million to ORLEN ...](#)

The European Investment Bank (EIB) and ORLEN Group, Poland's largest energy company, signed a PLN 900 million loan agreement for projects supporting energy transition. The funds will be used to invest in ...



### [Energy Storage Investments - Publications](#)

As investment in renewable energy generation continues to rise to match increasing demand so too does investment, and the opportunity to invest, in energy storage. ...

## EDF Renewables expands battery storage portfolio in Poland

EDF Renewables has completed the acquisition of a second battery energy storage project in Poland, with a capacity of 120 MW, increasing its total storage capacity in the ...



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