

## A-Core Container

# Poland builds communication base station inverter



## Overview

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Why should we invest in Poland's distribution and transmission networks?

In essence, the development of Poland's distribution and transmission networks forms a resilient, customer-centric energy system that supports economic growth, environmental goals, and the seamless adoption of future energy solutions.

What are Poland's energy investment plans?

These investments aim to ensure reliable energy supply during decommissioning of coal power plants, enhance system stability, and improve the efficiency of energy distribution to end-users. Poland's five largest Distribution System Operators (DSOs) plan to invest a total of PLN 72.6 billion to 2028.

Will Poland's electricity distribution infrastructure be modernised?

The modernisation of Poland's electricity distribution infrastructure during the next planning horizon from 2025 to 2029 requires significant financial resources with a majority funded by the EU, particularly through the Recovery Fund.

How much will Poland invest in distribution network development in 2028?

Poland's five largest Distribution System Operators (DSOs) plan to invest a total of PLN 72.6 billion to 2028. Total expenditures for distribution network development may surpass PLN 500 billion, highlighting a substantial investment gap emphasised repeatedly by the Supreme Audit Office (NIK).

How much will Poland spend on infrastructure modernisation?

Furthermore, Poland's TSO PSE has earmarked PLN 64.3 billion for infrastructure modernisation in its 10-year network development plan spanning from 2025 to 2034 (10YNDP). Investment efforts will need to target not only new infrastructure but also optimisation of existing grids.

How will smart grid solutions impact Poland's distribution networks?

The implementation of smart grid solutions will be a pivotal aspect of developing Poland's distribution networks from 2025 to 2030. Smart grids facilitate two-way communication between energy suppliers and consumers, enabling more flexible supply and demand management.

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