

Romania smart grid in

Does Romania have a smart grid?

Electrica Group provides energy to 3.7M homes and businesses in Romania and is undertaking a significant programme to modernize the country's energy infrastructure as part of a smart energy transition. Smart grid will play a massive roll in this transition, but the key questions are "how?"

Can smart metering work in Romania?

Adrem Engineering, using NES smart meters, delivered smart metering pilots into two parts of Romania, Transylvania Nord and Muntenia Nord, deploying smart meters into urban and rural areas. This demonstrated what sophisticated smart meters based on the OSGP standard can achieve in Romania.

How many smart meters are deployed in Romania?

This demonstrated what sophisticated smart meters based on the OSGP standard can achieve in Romania. Approximately 13,000 meters were deployed in these two regions since 2016.

What can NES and adrem do for smart metering in Romania?

The smart meter deployments conducted by NES and Adrem for Electrica provide important insight as to the right technologies (PLC) and protocol (OSGP) to utilize for smart metering in Romania.

What is Electrica's vision for the smart grid?

"Electrica's vision for the smart grid is to become customer centric, data centric and prepare for the energy transition", explains Ms. Sujdea. It is an exciting time for the energy industry in Romania.

Contracts have been signed valuing EUR424.4 million (\$411.8 million) for nine projects to oversee the digitisation and modernisation of Romania's transmission network and power grid. The contracts were signed yesterday between the country's Ministry of Energy and the national electric power transport company, Transelectrica SA.

The goal of the Project is to modernize the legacy electricity infrastructure in order to reflect the Smart Grid standards within the distribution and transmission networks in Romania and Bulgaria. CARMEN aims to intensify cooperation at ...

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Project CARMEN, with a value of approximately EUR120 million (\$119 million) over the period 2023-2026, is aimed at the development of a smart grid with the modernisation and digitalisation of the transmission and



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distribution networks to improve the network operation efficiency and service quality and enable secure electricity flows from new ...

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The "Smart Grid" Carpathian Modernized Energy Network (CARMEN) project, developed in partnership by Delgaz Grid SA, the electricity and natural gas distribution company, part of the E.ON group, CNTEE Transelectrica SA, the national transmission and system operator and MAVIR - the Hungarian transport operator, was included in the 5th list ...

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The name „CARMEN" stands for Carpathian Modernization of Energy Network, which is also the main objective of the Project itself - to modernize the existing distribution grid in order to reflect the needs and requirements of the Smart Grid infrastructure. CARMEN Project aims to improve the quality of the service provided to the customers ...

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intensify cooperation at the Eastern EU border by physical and non-physical interconnection actions.

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