

Zug, March 28, 2022

## Siemens equips Romania's Distributie Energie Oltenia with Advanced Distribution Management Software

- **Distribution grid operator Distributie Energie Oltenia orders grid control software, paving the way to a smarter grid**
- **Software increases grid efficiency, improves power quality**
- **Digital technology supports transition to low-carbon economy**

Siemens Smart Infrastructure has been chosen by distribution grid operator Distributie Energie Oltenian (DEO) in Romania to supply its latest Advanced Distribution Management Software (ADMS) to a control center in Craiova, a town about 200 km West of Bucharest. The order paves the way for the distribution system operator to operate a smarter grid and make advancements in its digital transformation journey. The ADMS is expected to become operational by end of 2023.

The share of renewable energy is increasing in Romania. In 2020, 12.4% of the country's electricity production came from wind power, 3.4% from photovoltaic solar panels and 27.6% from hydropower. In total, renewable energy production (wind, photovoltaic, and biomass) amounted to 16%. This share is expected to increase to 35% by 2030. To integrate renewable energy into the grid, improve power quality and secure a stable energy supply, a state-of-the-art grid control software is needed.

The new grid control center will enable DEO to control and monitor all voltage levels of its distribution grid. For a better planning of its distribution network with more and more renewable energy integration, DEO was looking for a new simulation tool to tackle these challenges. PSS SINCAL and Spectrum Power ADMS are able to interact for a more reliable planning and operation. This order follows the recent

successful implementation of EnergyIP, the smart meter data management software, which enables transparency for electricity consumers. Plans are underway to integrate both software offerings to enhance grid operations with more insights from the low-voltage grid.

The Siemens scope of supply encompasses the grid control software Spectrum Power ADMS, including SCADA, Outage Management, Transmission and Distribution Network Applications, Short- and Medium-Term Load Forecast, PSS SINCAL, Operator Training Simulator and the integration of interfaces with other corporate IT systems, such as the meter data management system EnergyIP.

“The energy transition is putting tremendous pressure on power grids worldwide. In order to operate power grids efficiently now and in the future, we need more transparency and interoperability. Highly automated workflows to easily share data, simulation capabilities and scenarios across utility functions are key to staying ahead in the energy transition. I am delighted that Distribuție Energie Oltenia has again chosen Siemens to provide a software to control and monitor the power grid on all voltage levels. In combination with our distribution grid planning software and our meter data management software, we support our customer with their digital transformation program, allowing them to improve processes and the performance of the overall grid,” said Sabine Erlinghagen, CEO of Grid Software at Siemens Smart Infrastructure.

This press release and a press picture is available at <https://sie.ag/3N1fmRH>

For more information about Siemens Smart Infrastructure, see

[www.siemens.com/smartinfrastructure](http://www.siemens.com/smartinfrastructure)

For further information on Spectrum Power, please see

<https://new.siemens.com/global/en/products/energy/energy-automation-and-smart-grid/grid-control/advanced-distribution-management.html>

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**Siemens AG** (Berlin and Munich) is a technology company focused on industry, infrastructure, transport, and healthcare. From more resource-efficient factories, resilient supply chains, and smarter buildings and grids, to cleaner and more comfortable transportation as well as advanced healthcare, the company creates technology with purpose adding real value for customers. By combining the real and the digital worlds, Siemens empowers its customers to transform their industries and markets, helping them to transform the everyday for billions of people. Siemens also owns a majority stake in the publicly listed company Siemens Healthineers, a globally leading medical technology provider shaping the future of healthcare. In addition, Siemens holds a minority stake in Siemens Energy, a global leader in the transmission and generation of electrical power.

In fiscal 2021, which ended on September 30, 2021, the Siemens Group generated revenue of €62.3 billion and net income of €6.7 billion. As of September 30, 2021, the company had around 303,000 employees worldwide. Further information is available on the Internet at [www.siemens.com](http://www.siemens.com).