

Zug, December 8, 2022

Siemens wins new order for grid control and smart metering infrastructure in Egypt

- **Siemens to supply Advanced Distribution Management System (ADMS) and smart metering infrastructure**
- **Purchaser is North Delta Electricity Distribution Company (NDEDC), which serves customers in Damietta, a city in the Nile delta**
- **Implementing state-of-the-art software will increase efficiency, stability and reliability of the power grid while reducing electricity distribution losses**
- **Order volume about EUR 40 million**

Siemens has been awarded a new contract to establish a distribution management system and advanced metering infrastructure for North Delta Electricity Distribution Company (NDEDC). As a subsidiary of the state-owned utility Egyptian Electricity Holding Company (EEHC), NDEDC is responsible for the distribution network of the Daqahleya, Damietta and Kafr El-Sheikh governorates and serves about 4.5 million electrical subscribers. Siemens will be implementing an ADMS control center for the Damietta region. This project is funded by the Japanese International Cooperation Agency (JICA) and has a value of about EUR 40 million and is known as Lot 3. Siemens already received an order with a similar scope for Egypt's Alexandria region in September 2022.

"The electrical grid plays a key role in Egypt's initiatives for economic growth; a secure power supply is at the heart of its expanding economy," said Sabine Erlinghagen, CEO of Grid Software at Siemens Smart Infrastructure. "We are very pleased that Siemens has been chosen to supply software to NDEDC's distribution grid. With our modular software approach, we can design an integrated IT and OT system by integrating grid control software with simulation software, supporting

informed decision-making and operational optimization to effectively reduce the cost of the distribution grid while keeping the lights on.”

Dr. Mohamed Shaker, Minister of Electricity and Renewable Energy, has praised the fruitful cooperation with Siemens and the Japanese International Cooperation Agency (JICA) in executing many projects in the electricity sector in Egypt. He also referred that today’s agreement falls within a national plan for establishing a number of control centers, in light of the presidential directives to promote the efficiency of transmission and distribution grids in different electricity distribution companies all over Egypt.

Additionally, the control centers aim to enhance performance, quality, and stability of the power supply, by relying on the most advanced IT applications and smart systems to ensure smart management of grids.

Dr. Shaker also explained that the smart grids are a major leap in the transmission and distribution sector, which increasingly relies on renewables to make the best utilization of electricity, while reducing production costs. The future outlook of the Egyptian electricity sector is focusing on migration from conventional to smart grids gradually. The upgrading project entails the establishment of a medium-voltage ADMS control center and a smart metering system for Damietta region. The new system aims to raise the grid efficiency, by remotely controlling the grid operations in real-time, to address power outages simultaneously and reconnect electricity as soon as possible, to ensure sustainable power supply.

“We are very proud to be awarded this new contract with the North Delta Electricity Distribution Company (NDEDC) to modernize the electrical grid. This award confirms Siemens’ commitment to continue to accelerate world-class technology adoption in Egypt,” said Mostafa El-Bagoury, Siemens Egypt CEO. “We are also pleased to work again with the Japanese International Cooperation Agency in Egypt. This project aims to raise the efficiency of the energy distribution system, reduce energy losses and power outages, improve service quality, and transform the electricity distribution network into a smart network.”

In addition to the ADMS system, 175,000 smart meters will be supplied, to establish an advanced metering infrastructure. Following the partnership agreement signed

with ESRI in July 2022, Siemens will also be delivering ESRI's Geographical Information System (GIS) within the scope of the project.

This press release as well as a press picture are available at <https://sie.ag/3VX8s3q>

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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 2022, which ended on September 30, 2022, the Siemens Group generated revenue of €72.0 billion and net income of €4.4 billion. As of September 30, 2022, the company had around 311,000 employees worldwide. Further information is available on the Internet at www.siemens.com.