

Press release

Cairo, Dec 21, 2023

Siemens Energy supports the rehabilitation projects at Egypt's Aswan Hydropower plants complex and the High Dam

Siemens Energy has been selected by The Hydro Plants Production Company (HPPC), a subsidiary of Egypt Electricity Holding Company, to support the rehabilitation of 3 Hydropower plants at the Aswan Hydropower Complex namely; The High Dam, Aswan I and Aswan II.

As part of the rehabilitation, Siemens Energy will upgrade power transformers at the plants, which entered service between 1960-1986. With this rehabilitation project, the lifespan of these power transformers is to be extended to not less than 40 to 50 more years while additionally generating 300 MW to the grid.

The power generated from these hydropower plants helps to stabilize power loads, frequency, and voltages for the majority of the Aswan governorate's more than 1.6 million inhabitants in addition to service projects in Aswan and the neighbouring governorates.

The nominal capacity generated by the HCCP power plants reaches up to 2,832 MW and directly feeds into the national grid as a clean and low-cost source of power.

The contract with Siemens Energy, in addition to the replacement, installation, testing, and commissioning of equipment, includes training HPPC engineers and technicians on the modern systems used in the project, especially the monitoring, control, and fire extinguishing systems. This works to create local national workforce capable of dealing with the latest technology that will be used in this distinguished project.

"This strategically important rehabilitation project will supply millions of people with sustainable, affordable, and reliable energy for years to come, whilst supporting Egypt's renewable energy targets. Our modern and efficient technologies will deliver greater and resilient power output for Egyptians. Diversification of energy sources away from traditional fossil fuels and increasing the amount of renewable energy projects are vital to decarbonization and supporting the energy transition for Egypt" said Ashraf Hamasa- Managing Director Siemens Energy in Egypt

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