

Siemens to optimize stability and enhance capacity for Iraqi power grid – with modern 132 kV 90 MVA power transformers

In June 2016 Siemens, the innovation leader in transformers, has successfully type tested the first 132 kV 72/90 MVA power transformer for Iraq that will serve for the stabilization of the country's national power grid. Siemens has been awarded major contracts by the Ministry of Electricity of Iraq, including two contracts for the construction of substations. These include 27 power transformers 132 kV, 72/90 MVA which are being manufactured in Trento, Italy.

The Iraqi government is facing huge challenges to deal with the instability of an overloaded grid. Electricity outages and load shedding are part of daily life in Iraq. With comprehensive restructuring and modernization measures, the Ministry of Electricity wants to push the development of the infrastructure in order to provide a reliable and safe power supply.

Densely populated and industrialized metropolitan areas such as Baghdad are particularly affected by the susceptibility to power outages. The new standardized 132 kV, 90 MVA power transformers from Siemens, designed for 40% higher rated power than the installed 63 MVA power transformers, will enhance grid capacity and improve limited supply conditions. This would enable the Ministry of Electricity to sustainably cover the population's energy requirements.



Siemens has been successfully collaborating with the Iraqi government in the energy sector for several decades. Based on positive experiences from numerous earlier projects, the Iraqi Ministry of Electricity has opted for Siemens as a partner for the reconstruction of the national power grid. Today, there are already hundreds of Siemens power transformers in operation in Iraqi transmission and distribution grids. "Siemens is committed to actively contribute to an improved power supply in Iraq with modern, extremely reliable, and proven power transformer solutions", says Dr. Beatrix Natter, CEO Siemens Transformers.

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