

# Supporting the Digitalization Journey of Egypt's Transmission Infrastructure

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**In August 2019, Egyptian Electricity Transmission Company (EETC) extended the successful cooperation with Siemens PTI with a series of five-year transmission grid studies.**

The aim of the project is to increase the capacity of EETC's planning team and to jointly address the challenges arising from the rapid development of the Egyptian power sector over the next years. The project scope includes the deployment of additional software licenses for PSS®E, PSS®SINCAL and PSS®MOD, maintenance and support contracts for all PSS® tools, as well as a number of dedicated trainings.

This project further strengthens the close and successful cooperation between EETC and Siemens PTI, which started with a joint master plan development project for the Egyptian transmission network in 2015. The master plan was delivered in the context of the Siemens "megaproject" power plants that added 14.4 GW of new combined-cycle, gas-fired generation capacity to the system in 2018. The key results are now being implemented into the EETC transmission network.

Since then, EETC and Siemens PTI have continued to address urgent and important projects in the Egyptian power sector, e.g. the grid connection and grid impact studies of the 1.8 GW Benban PV Solar Field, or the new 220 kV synchronous interconnection between Egypt and Sudan. These projects underline Egypt's ambition to become a "regional power hub" in the Middle East Region, which will further drive the expansion of the Egyptian power sector, next to the growth of domestic demand.

Siemens PTI is proud of being a trusted advisor to EETC and of having the chance to further shape the future of Egypt's power sector together with EETC.



Figure 1 - Egyptian Electricity Transmission Company (EETC) welcomes Siemens PTI to Cairo



Figure 2 - Egypt Megaproject Substations

Links:

- Siemens Egypt, Press Release: [http://www.middleeast.siemens.com/melen/news\\_events/news/news\\_2019/egypt-awards-siemens-a-series-of-five-year-grid-studies-on-energy-transmission-network-.htm](http://www.middleeast.siemens.com/melen/news_events/news/news_2019/egypt-awards-siemens-a-series-of-five-year-grid-studies-on-energy-transmission-network-.htm)
- Video: <https://assets.new.siemens.com/siemens/assets/api/uuid:1e12b0fa-461d-4c49-8ae6-76a60f6790fc/egypt-transmission-package-video-en-1908.mp4>.

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