

HEI Turkey Soma 2 x 255 MW coal-fired power plant project



The exterior of Turkey Soma 2 x 255 MW coal-fired power plant project

Siemens cooperated with Harbin Electric International Company Limited (HEI) to build a 2 x 255 MW coal-fired power plant for Kolin Construction company at Soma, Turkey. In the project, Siemens delivered two SST-5000 steam turbines, two SGen-1200A generators and the auxiliary system.

Turkey has rich lignite resources. By using local lignite for power generation, this project could not only supply electricity to the local grid to fulfill the increasing electricity demands generated from the growing economy, but also promote the exploitation of the lignite in Turkey, drive development of the local economy and create jobs.

During the execution of the project, the plant location was changed to a new place, the altitude of which was nearly 500 meters higher than that of the original site. However, the good adaptability of Siemens' products could help minimize the influences brought by the changes of environment. Therefore, the project team didn't need to make major changes to the supply plan. Eventually,

Siemens delivered products on time and ensured smooth implementation of the project. By May 2018, this project was in the installation process.