



Company News

ESI Eurosilos: Three 100.000 cubic meter Coal Silos for the EMBA Hunutlu Power Plant

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Imported coal-fired Power Plant



EMBA is developing a 1,7 billion USD coal fired thermal power plant project in Turkey with a capacity of 2×660 MW. (Picture: ©EMBA Electricity Production Co. Inc.)

EMBA Electricity Production Co. Inc. is a joint venture of Chinese Shanghai Electric Power Co., two Turkish local investors and AVIC-INTL Project Engineering Company. EMBA is developing an imported coal fired thermal power plant in Turkey with a capacity of 2×660 MW at a total investment of 1.7 billion USD. The project is aimed at delivering one of the most environment-friendly, clean coal-fired power plants ever, with high-capacity, high reliability and high-efficiency.

Infeed: 2500 tph

ESI's assignment is the engineering and delivery of complete mechanisms for the storage, infeed and reclaiming of the coal in three silos of 100.000 m^3 each. A dedicated Technical Advisor of ESI will stay at the site for six months to oversee the installation and commissioning of the Eurosilos in the three silos that measure 55 m in diameter. The stored coal will reach a height of 42.5 m and will be extracted with a capacity of 750 tph. The coal silos are positioned at the

seaside of the power plant, allowing for efficient unloading of bulk carriers. The infeed therefore amounts to a 2500 tph. This is another milestone for ESI on the road to ever-increasing capacities.

ESI Partner New Bulks

The Hunutlu project has a long history. The first inquiry at ESI was made in 2015. Since then, ESI and its Chinese partner NewBulks have put great effort in the project as this is a largely Chinese initiative. The engineering of the plant is done by another Chinese company, the East China Electric Power Design Institute (ECEPDI), which also makes the support of NewBulks indispensable for this project. The first delivery of parts that need to be embedded in the concrete will take place in the beginning of 2020. The main delivery of all the Eurosilos is scheduled end of 2020.