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Energy Saving Technology Development of Coal-fired Power Station in China

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Abstract

According to the efficiency status of power industry, the poster points out that coal-fired power generation will still be the most important power generation technology for a long time in China. Resource, environment and climate change have been taking with the serious challenges for the sustainable development of coal-fired power generation.

Chinese power industry is now working to adjust industrial structure for energy-efficient. Energy saving diagnosis of coal-fired power units has been carried out for many years by TPRI, which help the power station to improve the efficiency and decline coal cost.

The poster also provides several latest energy saving technology which is been used in Chinese power industry. Such as, large-capacity and high parameter units, which have many advantages including higher efficiency, easier to control pollutants emission and to deploy, higher reliability and lower cost, will be the most important technology for coal-fired power generation.