

Conventional Energy

Aprava Energy owns and operates a 1,320 MW supercritical coal-fired power plant in Jhajjar, Haryana, which is one of India's first supercritical coal-fired power plants. Aprava Energy also has a 655 MW Combined-Cycle Power Plant (PCCPP) in Paguthan, Gujarat.

Jhajjar Power Limited

Jhajjar Power Limited (JPL) is a 1,320 MW (2 x 660) domestic coal-based power project which is one of India's first supercritical coal-fired plants. JPL is one of the first major projects to be financed by a consortium of foreign banks. Its two 660MW units were completed on time and within budget in 2012.

Located in the Jhajjar district of Haryana, JPL has been commercially operational since mid-2012. The use of supercritical technology increases energy efficiency and so reduces carbon intensity. Aprava Energy decided to install Flue Gas Desulphurization (FGD) equipment to reduce the environmental impact of its operations.

It is one of the first few power plants in India to operationalize the FGD unit which helps reduce ~ 85% of SO₂ emissions. JPL has recycled all fly ash and bottom ash generated since the commissioning of the plant and achieved 100% ash utilization in the year 2020.

Jhajjar sells 90% of its output to the State of Haryana and the remaining capacity to Tata Power Trading Company Limited.

Paguthan Combined Cycle Power Plant

The organization first entered the Indian market through the acquisition of a 655 MW Combined-Cycle Power Plant (PCCPP) in Paguthan, near Bharuch, Gujarat in 2002. The plant has since, set several industry benchmarks for its operational excellence and safety. The plant sprawls across 140 hectares of land and is located 10 kms from Bharuch in the state of Gujarat. The PPA of Paguthan CCPP has ended in December 2018 and the plant is currently under preservation.

