

ARRANGEMENT OF COAL TO MEET THE REQUIREMENT OF THE THERMAL POWER STATIONS OF TANGEDCO

The Tamil Nadu Generation & Distribution Corporation Ltd(TANGEDCO) requires 16.00 Million Tonnes of coal per annum (MTPA) for its Thermal Power Stations (Ennore Thermal Power Station 450 MW; Tuticorin Thermal Power Station 1050 MW; Mettur Thermal Power Station 840 MW; North Chennai Thermal Power Station 630 MW).

The coal requirement is being met by indigenous coal and imported coal.

The Indian Coal companies have executed Fuel Supply Agreement (FSA) with all the State Power Utilities. Accordingly, Tamil Nadu Electricity Board (presently TANGEDCO) has executed FSA with Mahanadi Coalfields Ltd.(MCL) and Eastern Coalfields Ltd.(ECL) for a quantity of 13.5 MTPA during the year 2009.



The indigenous coal is moved from various Coal fields to the load ports namely Haldia, Paradip and Vizag through Rail and then transported via ships to the discharge ports namely Ennore and Tuticorin ports.

The coal discharged at Ennore port is transported to North Chennai Thermal Power station through conveyor system, to Mettur Thermal power station and Ennore thermal power station by Rail wagons. The coal discharge at Tuticorin port is transported to Tuticorin Thermal Power Station through conveyor system.



Prior to 2005, the entire requirement of coal was met by indigenous coal received from coal companies viz. ECL and MCL of Coal India Ltd., During 2005, the Ministry of Coal and Ministry of Power/Govt. of India, projected a shortfall of indigenous coal and advised the power utilities to import coal to meet the shortfall. Accordingly the Ministry of Power is fixing the target for each utility every year.

TANGEDCO has commissioned one new unit 1 x 600 MW at Mettur on 04.05.12 and two new units unit II 1 x 600 MW & unit I 1 x 600 MW at North Chennai on 30.06.13 and 17.12.2012 respectively.

FSA was executed for a quantity of 2.315 MTPA for Mettur new unit on 21.12.2012 and for a quantity of 4.630 MTPA (2.315 MTPA – each unit) for North Chennai new units on 05.06.2013 with MCL by surrendering the 15% of imported coal. Hence the coal companies has to supply 5.90 MTPA of coal (85% of the linked quantity) for the above three units.

Ministry of Power has fixed a target of 4.5 MTPA for importing the coal for the year 2014-15 to meet the shortfall for the year 2014-15. At present imported coal is being procured mainly from Indonesia for delivery at Ennore and Tuticorin ports.