



## Case Study

# The Tuticorin Coal Terminals: Features of an Unloading Facility for TNEB's Power Plants

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In Tuticorin, India, Tamil Nadu Electricity Board operates a five-units coal fired power plant, that receive coal via rail and sea route. Although shore-mounted continuous unloading systems were also considered during the development of the terminals, geared vessels with mounted grab unloaders made the race.

Tamil Nadu Electricity Board have installed five Units of 210 MW capacity since the 1970s in Tuticorin which is on the Tamil Nadu coast. The first three units came up around the early 1980s and the units no. 4 and 5 were installed in mid 1990s. All the five units receive coal from Talchar and other mines in the state of Orrisa in India. Coal movement from the mines to the power station is through rail and sea route. Two coal terminals are installed for the purpose.