

UPPUR SUPER CRITICAL THERMAL POWER PROJECT (2X800MW)

Capacity	2x800MW
Total cost of the project	Rs.12,778 Crores
Name of the contractor	M/s BHEL (For BTG) M/s Reliance Infrastructure Ltd (For BOP) M/S. L&T Ltd (For Sea Water intake & Outfall system.)
EPC Cost	a) Rs. 5580 Crores (BTG package and allied civil works . Amended to Rs. 5852 Crores including In- boiler modification works to adhere to Revised MOEF and climate change norms) b) Rs.3647.48 Crores. Balance of Plant package (BOP) c) Rs.999 Crores. Sea water intake and outfall system.
Brief Scope	Design, Engineering, Manufacture, supply, Erection, Testing and Commissioning and putting into operation of Steam Generator and Steam Turbine Generator (BTG) Package and allied Civil works related to BTG package on EPC contract basis for establishment of Coal based 2x800MW Uppur Super critical Thermal Power Project. Amendment for In- boiler modification works to adhere to Revised MOEF norms.
1)Main Plant Package	
2) BOP package	Design, Engineering, Manufacture, Supply, Erection, Testing and Commissioning of Balance Of Plant (BOP)Package and allied civil works related to BOP on EPC contract basis for the establishment of 2x800MW Super critical Coal based Uppur Thermal Power Project.
3)Sea water intake and outfall system	Design, Engineering, Manufacture, Supply, Erection, Testing and Commissioning of cooling water intake and outfall system.
Source of funding	PFC
Zero date	20.05.16 (BTG) 21.02.18 (BOP) 08.05.18 (Sea water Intake & Outfall System)
Date of Commissioning	2021-22
Present status of the project	1) LOA for the EPC contract of BTG package has been issued to M/s. BHEL on 27.02.16 . Amendment for in- boiler modification works to adhere to Revised MOEF norms issued on 17.6.2017. 2) LOA issued for BOP (Balance Of Plant) package with allied civil works on Engineering Procurement Construction (EPC) basis on 21.02.18 to M/s Reliance Infrastructure Ltd . 3) LOI issued for Sea water intake and outfall system on 8.5.18 to M/s. L&T Ltd.

4) Around 70 acres of land have been handed over to M/s.BHEL for BTG package. Around 552 acres of land have been handed over to M/s.Reliance Infrastructure Ltd for BOP package. Around 11.04 acres of land handed over to M/s. L&T towards sea water Intake and outfall system work. Balance Patta land to an extent of around 354.46 acres is under litigation which are yet to be handed over to the BTG/BOP Contractors.

5) Writ petitions challenging the Land Acquisition Act have been filed by a few land owners of the project site. On filing Counter from TANGEDCO's side and implead petitions, arguments were taken up and completed on 26.10.2018. The judgement is awaited.

Another petition has been filed by Anaithu Vivasayikal Paathukapu Nalasangam in December 2017 stating that a few areas of the project site are obstructing the surplus water flow from nearby tanks. MOEF &CC has to file counter based on Amendment issued by MOEF & CC for the Environmental clearance accorded for the projects, stating that artificial canal shall be constructed to divert the surplus water from the nearby tanks to maintain the water flow to preserve mangroves in the creek.

In addition to the above cases, the farmers of the area have filed an Appeal in the National Green Tribunal (NGT) in 2016, challenging the Environmental Clearance issued by MoEF and climate change for the project. This case is to be heard by the Tribunal.

BTG Package:

Geo-technical investigation completed. Working pile in Boiler I & II , ESP I & II and Power House I under progress

BOP Package:

Topographical survey work completed. Geo-technical investigation under progress.

Sea Water Intake & Out Fall System:

Geo-technical investigation under progress. Test piling completed .Mobilisation of materials under progress.

Forest clearance for 0.57 acres is required to proceed with the sea water intake and outfall system work as this area has been reserved under Tamilnadu Forest Act, TANGEDCO has submitted application seeking Forest Clearance on 5.11.18.

