

Barauni TPS Extension – Distt: Begusarai (2x250 MW)

1. Introduction:

The expansion of BTPS (2x250 MW) has been sanctioned by State Govt. under State Plan at a total project Cost is Rs. 3666 Crores. The work is being done by M/s BHEL on turn-key basis and project activity consultant is M/s STEAG.



Ganga water scheme is under progress for BTPS Extension at an estimated cost of Rs. 173.00 Crores.



The state government made a strong plea for the allocation of coal linkage for the expansion project of Barauni Thermal Power Station (BTPS) in Begusarai district.



"Bihar needs at least two coal blocs," state Energy minister Bijendra Prasad Yadav told the Planning Commission at its meeting in New Delhi on Tuesday to discuss and review of the energy scenario in the country.

"After obtaining all the necessary clearance, Barauni's (250x 2 MW) expansion project is pending for want of coal linkage. The Japan International Corporation Agency has already given clearance for its financial assistance but it would be done only after we get coal linkage," the minister said.



2. Key Points of this Scheme:

- Under BSEB (Bihar State electricity Board).
- 2 x 250 MW Extension at Barauni TPS.
- DPR prepared by M/s DCPL, Kolkata, Estimated Cost- Rs. 3066 Crores based at prices in Jan-Mar 2009 excluding cost of Land.
- Additional Land requirement- 615.37 acres. Present estimated cost Rs. 67.05 Crores . Rs. 38.54 Crores has been deposited with concerned DM for acquisition of about 355 acres.
- MoP has recommended MoC in August 2010 for allocation of Coal for 12th Plan.
- Coal requirement - 2.65MMTPA. Processing fee of Rs. 5.00 lakh submitted to Ministry of Coal by BSEB vide letter no. 682 dated 27.06.06 for coal linkage. still Probable Coal linkage from Rajmahal coal field or Urma Pahari Tola. Firm Coal linkage awaited.
- BHEL to implement BTG package (Boiler-Turbine-Generator) as OEM (Original Equipment Manufacturer). Techno-commercial offer will be submitted by BHEL shortly.
- BPIC - JV of GoB, BSEB & ILFS is BSEB's consultant for carrying out Pre award project development activity for setting up 2 x 250 MW Extension project at BTPS.
- State Plan outlay amounting to Rs. 180 Crores has been released in the FY 2009-10.
- M/s DESEIN appointed as Technical consultant for preparation of technical Specifications of BOP Package. Appointment of single BOP EPC Packages by M/s Desein though bidding process is in progress.



- M/s BARSYL appointed as Technical consultant for development of Rail infrastructure at BTPS.
- M/s Bhagawathi Anna Lab Ltd, Hyderabad appointed as Environmental consultant for EIA study and obtaining Final Environmental clearance from MoEF, New-Delhi.
- NOC from Airport Authority of India has been obtained for Chimney height 275 meters.
- Water requirement for consumptive use to be met from river Ganga. Water Resources Dept., Government of Bihar has accorded clearance for 60 Cusecs for BTPS units (Existing & Extension units) and approval from CWC is accorded for 45 Cusec.
- Ganga Water Scheme: M/S WAPCOS is consultant for preparation of DPR. Draft DPR submitted. Final DPR could not be submitted by M/s WAPCOS as clearance from Railway is yet to be obtained.
- Expected schedule of Commissioning - 1st Unit synchronization in June '2014, 2nd Unit after 4 months of synchronization of 1st Unit.
- 100 % power generated to be utilized by BIHAR/BSEB.



A provision of Rs 100.00 Crores has been made for BTPS extension along with Ganga water scheme under Annual Plan 2012-13.