

Information on Mahagenco's Power Projects

2.0 Future projects (6090 MW):

2.1 Bhusawal Thermal Power Station Unit 6 (1x 660 MW)

- Land for the project is acquired.
- Water: Can be made available from Hatnur Dam, Sudhgaon Bandhara and Ozerkheda Dam.
- Fuel: Hon. Supreme Court vide order dtd.24.09.2014 cancelled the allocation of Machhakata coal Blocks. It is planned to use coal from Mahajanwadi coal block allotted to Mahagenco.
- MoEF has accorded Environmental Clearance for the project on 27.11.2012.
- Power Purchase Agreement: MERC passed the order for PPA between Mahagenco & MAHAVITARAN.
- Bid submission against tender on EPC basis carried out on 13.01.2014. Submission and opening of Price Bids carried out on 07.04.2015. After scrutiny, order shall be placed on the successful bidder.

Above project has been approved by GOM vide GR no Project - 2010/ Pra. Kra. 3/ Oorja-4 dated 05.10.2010.

2.2 Nashik TPS Unit 6: (1 x 660 MW)

- Land: Land for setting of this project is being made available by suitable readjustment of land in possession of Mahagenco.
- Water: WRD, vide letter dtd. 12th Jan.2011, approved reservation of 6.5 mm³ of water. Balance water requirement of 10.5 mm³ shall be met from already sanctioned water of 34 mm³ for running Units at Nashik.
- Fuel: GoI Vide Letter dtd 06.09.2013 have allocated Coal block of Mahajanwadi, Nagpur for this project.
- Environment Clearance: Terms of Reference (TOR) is received from Ministry of Environment & Forests, Govt. of India on 15.06.2011. The Public Hearing is conducted successfully on 07/05/2013. MoM of public hearing received from MPCB. Online application for final EC submitted to MoEF on 26.03.2015. MS, MoEF asked for additional queries about the allocation of Coal Block in view of Supreme Court decision and compliance of use of <34% ash content coal in existing power station. After receipt of NoC from Airport Authority for construction of Chimney, proposal for final NoC from MoEF shall be processed.
- Aviation Clearance: Conditional NOC Received from AA for chimney height. Further correspondence with Defense Authority is in progress for NoC.
- Power Purchase Agreement: MERC passed the order for PPA between Mahagenco & MAHAVITARAN.
- Preparation of tender specification is in progress.

Above project has been approved by GOM vide GR no Prakalp-2011/Pra.Kra.313/Urja-4 dated 29.12.2011.

2.3 Paras Thermal Power Project Unit 5: (1 x 250 MW)

- Land: Land acquisition for power house and ash disposal area is completed.

- Water: Available from Mahagenco's own Paras Barriage and already sanctioned water of 25.46 mm³ from lower Mun barrage.
- Fuel : GoI Vide Letter dtd 06.09.2013 have allocated Coal block of Mahajanwadi, Nagpur for this project.
- MoE&F clearance: The Terms of Reference (TOR) is received from Ministry of Environment & Forests, Govt. of India on 26.09.2012. ToR extension granted upto 26.09.2015. Public Hearing was scheduled on 29.04.2015, and the same has been postponed.
- Power Purchase Agreement: MERC vide order dtd. 29.10.2013 accorded approval to amend PPA dtd. 01.04.2009 with MSEDCL for addition of this project in existing PPA.

Correspondence with GoM for approval of the project is in progress. Final reply to GoM's query sent on 08.04.2015.

2.4 Dondaicha TPS Unit – 1, 2, 3, 4 & 5 : (5 x 660 MW)

- Draft copy of MOU for formation of JVC with M/s NTPC submitted for GoM approval vide letter no. DG/Comm./5 x 660 MW DND/2160 dtd. 20.09.2014.
- Land: Land acquisition is in progress. 476.05 Ha. Private land (out of 675.32 Ha.) has been acquired as on date.
- Water: GoM has accorded approval for reservation of 80.56 mm³ water from Nimna Tapi Project on Tapi river.
- Fuel : Coal required for Unit 1,2 & 3 was to be made available from Machhakata Coal block, Orissa. Coal required for Unit 4 & 5 was to be made available from Chendipada Coal block, Orissa. However, Supreme Court vide order dtd.24.09.2014 cancelled these allocations.
- MoE&F clearance: Terms of Reference (TOR) received from Ministry of Environment & Forests, Govt. of India on 05.05.2011. TOR validity extension granted by EAC upto 13.05.2014. Public Hearing carried out on dt. 25/03/2014 at Dondaicha.
Application for final EC submitted to MoEF on dt. 08/05/2014. The case was discussed during EAC held on 31.08.2014. EAC asked for first stage Forest Clearance for coal Blocks allotted, CSR Action Plan, Rain water harvesting DRS, Green belt etc and advised for carrying out the Flora, Fauna and ecological study from the Pune University.
Work order is placed to Pune University for Flora, Fauna and Biodiversity study on 20.01.2015. University has carried out the preliminary study and submitted the preliminary report. Final report is awaited.
- Power Purchase Agreement: MERC vide order dtd. 29.10.2013 accorded approval to amend PPA dtd. 01.04.2009 with MSEDCL for addition of this project in existing PPA.

2.5 Uran Gas Based Combined Cycle Power Plant (1220 MW): (Block-I : 406 MW, Block-II: 814 MW)

- Land, Water and all clearances available.
- Tender for Lump sum turnkey contract for installation of 1220 MW advance class gas turbine based CCPP which was issued on 28.01.11, cancelled in view of CEA's Circular dt.19.03.2012 in respect of non-availability of domestic gas for the gas based projects and advised not to plan gas based project till 2015-16.

Above project has been approved by GOM vide GR no . Project - 08/ Pra. Kra. 1246/ Oorja-4 dated 02.03.10.

Energy Efficiency Renovation & Modernisation and Life Extension Programme of MSPGCL

- CEA the Nodal Agency under Govt. of India's Ministry of Power has identified 6 units each of 210 MW capacity viz. Koradi TPS U-6, Chandrapur STPS U-1 & 2, Bhusawal TPS U-2, Parli TPS U-3 & Nasik TPS U-3 of Mahagenco for Energy Efficiency Renovation & Modernisation and Life Extension during 11th Plan as the units have completed 25 years of service life. Loan agreement has been signed with World Bank for EER&M and LE of Koradi Unit-6.
- Koradi Unit # 6 :- The estimated Project Cost of Koradi U#6 is @ Rs.486 Crores. Main Plant BTG (Boiler Turbine Generator) package final contract agreement is signed with M/s.BHEL on 18.12.2013. (Other packages – Electrical & BOP – retendering is in process). Already Renovation & Modernisation Work of this unit is commenced. Works like Design & Supply of material etc. are commenced from March 2014. Actual implementation of R&M Works shall start from Aug.2015 or availability of Unit on outage.
- Nasik Unit-3 :- All Technical studies are completed. MSPGCL & MERC has given in Principle Approval for Nashik Unit-3 R&M. MSPGCL Board of Directors have approved the DPR of the said Project.
- Bhusawal TPS U#2, Chandrapur U#1 & 2, Parli U#3 :- Design Consultant has been appointed. Feasibility study, steam path audit, RLA study, Energy Audit etc. completed. The final DPR is received and processed for approval of Competent Authority i.e. Board.