

Before the
MAHARASHTRA ELECTRICITY REGULATORY COMMISSION
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Case No. 118 of 2009

In the matter of
Application of M/s. Maharashtra Eastern Grid Power Transmission Company
Limited for grant of Transmission Licence for development of
Intra State Transmission system.

Shri. V.P. Raja, Chairman
Shri. Vijay L. Sonavane, Member

M/s. Maharashtra Eastern Grid Power Transmission Company Limited
Adani House
Near Mithakali Six Roads
Navrangpura, Ahmedabad - 380 009

..... Applicant

ORDER

Dated: 14th September, 2010

M/s. Maharashtra Eastern Grid Power Transmission Company Limited (“MEGPTCL”), a Joint Venture Company between Maharashtra State Electricity Transmission Company Ltd. (“MSETCL”) and Adani Enterprises Ltd. (“AEL”) submitted an application to the Commission on February 18, 2010 under Section 14 of Electricity Act, 2003 (“EA 2003”) and Maharashtra Electricity Regulatory Commission (Transmission Licence Conditions) Regulations, 2004 as amended in 2006 (“Transmission Licence Conditions Regulations”). Application has been made for grant of Transmission Licence for development of 765 KV Intra-state Transmission Network in the eastern part of the state of Maharashtra comprising of 2 x 765 kV S/C Tiroda-Koradi-Akola-Aurangabad lines along with associated substations and bays to evacuate power from the upcoming five power plants with total capacity of 8100 MW by the year 2013-14. The prayers set out in the application are as follows:



“Hon’ble Commission is requested to grant transmission license u/s 14 of the Electricity Act 2003 and Maharashtra Electricity Regulatory Commission (Transmission License Conditions) Regulations, 2004 to Maharashtra Eastern Grid Power Transmission Company Limited for development of the transmission system for evacuation of power from projects in north-eastern Maharashtra.”

2. This 765 kV Intra-state Transmission Network is consisting of the **following** transmission lines, substations, related bays and equipments:

2.1 **Transmission Lines :**

1. Tiroda-Koradi – III 765 KV S/C Line-1 (120 Kms)
2. Koradi-III - Akola –II 765 KV S/C Line-1 (270 Kms)
3. Akola-II – Aurangabad 765 KV S/C Line-1 (240 Kms)
4. Tiroda-Koradi –III 765 KV S/C Line-2 (120 Kms)
5. Koradi-III- Akola –II 765 KV S/C Line-2 (270 Kms)
6. Akola-II – Aurangabad 765 KV S/C Line-2(240 Kms)
7. Akola II – Akola – I 400 KV quad D/C line (30 Kms)

2.2 **Substations :**

2.2.1 **Establishment of 765/400 KV Switchyard at Tiroda**

- 1 X 1500 MVA, 765/400 KV transformer with bays on either side.
(4 X 500 MVA 1 ph units providing 1 X 1500 MVA bank with one spare unit)
- 2 nos. of 765 KV line bays.
(For Tiroda – Koradi – III, 2 X S/C 765 KV Lines)
- 2 X 240 MVAR, 765 KV switchable line reactors.
(7 X 80 MVAR 1 ph units providing 2 X 240 MVAR banks with one spare unit for Tiroda – Koradi – III, 2 X S/C 765 KV Lines)
- Space for 1 number 765 KV bay (for future use)

2.2.2 **Establishment of 765/400 KV Substations at Koradi-III**

- 2 X 1500 MVA, 765/400 KV Transformers with bays on either side.
(7 X 500 MVA 1ph units providing 2 X 1500 MVA bank with one spare unit)
- 4 X 240 MVAR, 765 KV switchable line reactors.
(14X 80 MVAR 1 ph units providing 4 X 240 MVAR banks with two spare units for Tiroda – Koradi – III and Koradi –III- Akola II 2 X S/C 765 KV Lines)



- 1 X 240 MVAR, 765 KV switchable bus reactor.
(4X 80 MVAR 1 ph units providing 1 X 240 MVAR banks with one spare unit)
- 4 nos. of 765 KV line bays.
(for Tiroda – Koradi –III and Koradi –III- Akola II 2 X S/C 765 KV Lines)
- 4 nos. of 400 KV line bays
(for Koradi-III- Koradi-II and Koradi-III- Kharperkheda D/C 400KV lines)
- Space for 2 nos of 765 KV line bays. (for future use)
- Space for 2 nos of 400 KV line bays. (for future use)

2.2.3 Establishment of 765/400 KV Substations at Akola-II

- 1 X 1500 MVA, 765/400 KV Transformers with bays on either side.
(4 X 500 MVA 1ph units providing 1 X 1500 MVA bank with one spare unit)
- 2 X 240 MVAR, 765 KV switchable line reactors.
(7X 80 MVAR 1 ph units providing 2 X 240 MVAR banks with one spare unit for Akola –II- Aurangabad, 2 X S/C 765 KV Lines)
- 2 X 240 MVAR, 765 KV fixed line reactors
(7X 80 MVAR 1 ph units providing 2 X 240 MVAR banks with one spare unit for Koradi – III – Akola -II, 2 X S/C 765 KV Lines)
- 1 X 240 MVAR, 765 KV switchable bus reactor
(4X 80 MVAR 1 ph units providing 1 X 240 MVAR banks with one spare unit)
- 4 nos of 765 KV line bays.
(for Koradi – III – Akola -II and Akola II- Aurangabad 2 X S/C 765 KV lines)
- 4 nos of 400 KV line bays
(2 nos. for Akola–II - Akola-I 400 KV quad D/C line and 2 nos for Nandgaopet-Akola –II 400 KV D/C Line)
- Space for 2 nos. of 765 KV line bays. (for future use)
- Space for 2 nos. of 400 KV line bays. (for future use)

2.2.4 Extension of 765 KV Aurangabad Substation

- 2 X 240 MVAR, 765 KV fixed line reactors
(7X 80 MVAR 1 ph units providing 2 X 240 MVAR banks with one spare unit for Akola –II – Aurangabad 2 X S/C 765 KV lines)
- 2 nos of 765 KV line bays.
(for Akola-II – Aurangabad 2XS/C 765 kV lines)



3. Based on the pre-feasibility report, the Applicant indicated the following commissioning schedule, time schedule of activities and preliminary project cost estimates involved in the transmission system project:

3.1. Commissioning Schedule:

➤ Tiroda – Koradi-III-Akola-II-Aurangabad 765 KV S/C Line-1 (630 km) ➤ 765/400kV substation at Tiroda and Akola –II (3000 MVA) ➤ Akola-II- Akola-I 400 KV quad D/C line (30 km)	March, 2012
➤ Tiroda – Koradi-III-Akola-II-Aurangabad 765 KV S/C Line-2 (630 km) ➤ 765/400kV substation at Koradi-III (3000 MVA)	August, 2012

3.2. Time Schedule of Activities:

Time schedule for various activities submitted by the Applicant is as follows:

Activity	Start	Completion
Detailed route survey	Feb 2010	April 2010
Grant of transmission license by MERC	Feb 2010	May 2010
Specification, Bid and Award of Packages	June 2010	October 2010
Forest Clearance	June 2010	September 2011
Design & Engineering (tower design to be taken from Power Grid) (type test will not be required)	Feb 2010	March 2010
Supplies and execution of works	Oct 2010	Line 1- March 2012 Line-2- August 2012
Commissioning of transmission system		Line 1- March 2012 Line-2- August 2012



3.3 Project Cost Estimates:

Tentative estimated cost of the project is Rs. 4379 Crores including IDC of Rs. 490 Crores as per the following break-up of costs:

Activity	Rs. in Crores
Preliminaries (license, pre-approvals, system studies, route survey and PFR/DPR)	4
Land and compensations	109
Transmission lines	1896
Substation works	1373
<u>Sub Total</u>	3382
Overheads(establishment, engineering, design, outsourcing, spares, audit & accounts, escalation and contingency etc)	507
<u>Sub Total</u>	3889
Financing and IDC	490
<u>Total</u>	4379

4. In this connection, it may be noted that the Commission had granted transmission licensee to M/s. Adani Power Maharashtra Ltd. (“APML”) vide its Order dated 6th July, 2009 in Case No. 138 of 2009 for construction of the 400 KV Tiroda – Koradi and Tiroda – Warora D/C Quad transmission lines to evacuate power from its Tiroda Power Plant consisting of 3 X 660 MW generating units.

5. Subsequently, in view of the proposed development of 765 KV transmission system as mentioned above, the State Transmission Utility (“STU”) had advised vide its letter ref. No. MSETCL/CO/STU/302B/16499 dated 5th December, 2009 to APML that the 400 KV Tiroda – Koradi-II D/C line will not be required any more.

6. MEGPTCL, in its application, has submitted that MEGPTCL is a Joint Venture company of Adani Enterprises Limited (“AEL”) and MSETCL with equity stake of 74% and 26% respectively. The JV Company, MEGPTCL was incorporated on 15th February, 2010 under the Companies Act, 1956 with a specific purpose to develop the 765 kV intra-state transmission system. MEGPTCL, the company which has been incorporated for the specific purpose of this project, would implement the project as a Transmission Licensee. It will also be responsible for establishment, operation and maintenance of the transmission system covered under the scheme and would recover transmission charges from the transmission system users of Maharashtra Intra State Transmission System (“InSTS”). It is further submitted that the proposed 765 kV intra-state transmission network will strengthen the power evacuation system of Maharashtra and shall improve the security and reliability



of intra-state transmission system in order to maintain the criteria as set out in the Maharashtra State Grid Code.

7. The proposed 765 kV intra-state transmission network is required to evacuate power from the upcoming power generation projects of North Eastern region of Maharashtra (consisting of five power plants with total capacity of about 8100 MW by year 2013-14). These power generation projects include the generation of 3300 MW capacity (Phase I - 3 X 660 MW and Phase II - 2 X 660 MW units) being set up at Tiroda (Gondia) by APML. MSETCL has planned InSTS in Maharashtra based on system studies in coordination with the CEA and the Power Grid Corporation of India ("Power Grid"). Power Grid has planned Inter-State Transmission System including power evacuation system for Mauda (Nagpur). The Applicant has submitted that, since the proposed transmission system is forming an integral part of the state transmission network, the Applicant will recover monthly transmission charges towards its investment on completion of the associated transmission system in line with the Commission's Order dated 13th November, 2007 based on the tariff approved from time to time.

8. The Applicant has submitted the following documents along with its application:

- i) Copy of letter from Chief Engineer, STU dated 5th December, 2009 to connect APML's proposed power plant at Tiroda (Gondia) to the Intra-State Transmission System (enclosed as Annexure – 1)
- ii) MSETCL's letter dated 1st February, 2010 for in-principle approval by the Board of MSETCL for formation of Joint venture with the AEL (enclosed as Annexure – 2)
- iii) Pre-feasibility Report for establishment of 765 KV Intra-State Transmission System in Maharashtra (enclosed as Annexure – 3)
- iv) Bar chart of activities (enclosed as Annexure- 4).
- v) Certificate of Incorporation, Memorandum and Articles of Association of Maharashtra Eastern Grid Power Transmission Company Limited (enclosed as Annexure- 5)
- vi) Management Information (provided in respect of operations, projects, commercial, finance, regulatory, HR and IT functions) (enclosed as Annexure – 6)
- vii) The following Route Alignment maps:
Route Alignment map of Tiroda – Aurangabad via Koradi and Akola 765 KV S/C line, enclosed as Appendix - III.
- viii) Annual Reports of AEL for FY 2006-07, FY 2007-08 and FY 2008-09 enclosed as Appendix –IV.



9. The Commission vide its Notice dated 8th April, 2010, scheduled a Technical Validation Session (“TVS”) to be held on 17th April, 2010, in the presence of the four authorised Consumer Representatives. The Commission also directed the Applicant to serve a copy of its Application, along with its accompaniments, to the STU and the four Consumer Representatives.

10. The Technical Validation Session (“TVS”) in the matter was held on 17th April, 2010 as scheduled. MEGPTCL were represented by Shri R K Madan, CEO of MEGPTCL and his team. During the TVS, none of the Consumer Representative was present. Shri Arvind Singh, MD, MSETCL along with senior officers of STU and MSETCL were also present, representing MSETCL and STU.

11. Mr. R K Madan made a presentation to the Commission for grant of Transmission License for development of 765 kV Intra-State transmission system comprising of 2 X 765kV S/C Tiroda – Koradi – Akola – Aurangabad transmission lines along with associated substation and bays for evacuation of generation from the new power projects coming up in North-Eastern Maharashtra by 2013-14. He further highlighted the details justifying the need for the proposed Intra-State 765 kV Transmission Network project for evacuation of power from the upcoming projects of 8100 MW of capacity by 2013-14 from North Eastern region of Maharashtra.

Mr. S.D. Shrouthy, Executive Director (STU) made a detailed presentation on the load flow studies carried out with the proposed 765 kV line Transmission configuration on the line loadings, voltage profile of other major Transmission lines and substations in the Maharashtra Grid.

12. Based on the preliminary scrutiny of the application in accordance with Regulation 5.1 of the Transmission Licence Conditions Regulations, the Commission, during the TVS session, directed MEGPTCL to submit clarifications regarding the following data gaps noted therein:

- i) GoM approval for MSETCL’s equity share with regard to the joint venture of MSETCL and Adani Enterprises Ltd. (AEL).
- ii) Copy of the MSETCL Board Resolution for in-principle approval of MSETCL for JV with AEL.
- iii) Detailed survey report of 765 kV line, 765 kV sub-stations of Transmission Network. The survey report shall include:
 - (1) Detailed map or maps on Topographic sheet of the proposed area of Transmission, on suitable/prescribed scale.



- (2) Sufficient description adequately specifying the actual or proposed location of the system of lines & power plants by means of which the Applicant intends to enable transmission of electricity.
- (3) Detailed route survey, showing streets and parts of streets which are repairable by person other than Government and Railways, canals and waterways for which the Applicant has obtained authorization to undertake works.
- iv) Since MSETCL is a party to the JV Company i.e. the Applicant herein, its last 3 years Accounting Statements are not attached, and which should be available.
- v) Indicative investment plan and network rollout plan for the next 5 years consisting of:
Details of year wise and area wise rollout of the actual 765 kV lines, 765 kV substation of proposed transmission network.
- vi) **Power System Studies:** Detailed report on load flow, short-circuit and transient stability studies carried out for the proposed Transmission Network.
- vii) **765 kV transmission line Configuration:** Conductor Size, No. of conductors per phase, Type of conductor, Capacity Amps, SIL of each line in MW.

13. In response to the above queries raised by the Commission, MEGPTCL submitted the following vide its letter no. MEGPTCL/MERC/21052010 dated 21st May, 2010:

- i) It was submitted that the GoM approval for the JV company, i.e. MEGPTCL and the equity participation by MSETCL both are in progress and will be submitted as soon as response from GoM is received.
- ii) Copy of the MSETCL Board Resolution for in-principle approval of MSETCL for JV has been provided.
- iii) Route Survey Report of 765 kV line, 765 kV Sub-stations of Transmission Network along with a Map showing the proposed route alignment for the transmission line scheme has been provided.
- iv) Report covering results of Load Flow Studies and Comparison Alternatives has been provided.
- v) 765 KV Transmission Line Configuration Report has been provided consisting of Conductor Size, No. of conductors per phase, type of conductor, Capacity Amps, SIL of each line in MW.
- vi) Indicative Investment plan and Network rollout plan for the next 5 years of proposed transmission network has been provided.

14. The Commission directed STU to submit the results of Load Flow studies on a single line diagram on the alternative transmission proposals considered, such as, HVDC,



400 kV AC transmission, etc. before finalizing the proposed 765 kV transmission proposal. The Commission further directed STU to carry out the studies with a direct 765 kV line between Koradi to Aurangabad without having intermediate 765 kV S/s at Akola and submit the load flow results for the Commission's perusal and records.

15. The Commission enquired about the status of Chandrapur coal block allotted to APML, which is rejected by MoEF (Ministry of Environment & Forest). It was informed by the Applicant that since there was negative order on the availability of Chandrapur coal block, APML has made temporary arrangement for coal supply for Tiroda Power plant with other coal companies for four years. During this period, the alternative coal block which is being allotted by GoI can be developed to meet the fuel requirement of Tiroda Power Plant.

16. The Commission observed that two other private companies viz. Sterlite Technologies Ltd. and Indiabulls Power Ltd. have expressed their interest in development of the same project either in part or full in Joint Venture route with MSETCL or in IPTC mode. The Commission directed MD, MSETCL to ensure that proper procedures are followed while forming the JV Company for Transmission Project execution.

17. MEGPTCL informed the Commission that about 8 km of Transmission line is passing through the unavoidable Forest Area. In this connection, the Commission advised the Applicant to carefully examine the guidelines framed by the MoEF, GoI, for issue of Forest clearance for the Transmission Project.

18. MSETCL sought direction from the Commission regarding GoM's letter dated 8 April, 2010 directing them to obtain the Commission's approval for the proposed JV formation. The Commission asked MSETCL to examine the legal provisions of EA 2003 under which the Commission is authorized to give approval for the formation JV route.

19. MSETCL / MEGPTCL clarified to the Commission's query that the cost of 765 kV Bays at Tiroda end and the expenditure of 765 kV S/s at Akola and Aurangabad is included in the cost of the Transmission proposal. They further clarified that the operation and maintenance of the 765kV lines / substations will be carried out by MEGPTCL / MSETCL.

20. The Applicant, MEGPTCL vide its letter to the Commission dated 7th July, 2010 informed the Commission that only the GoM approval for participation of MSETCL in the JV company is pending, and that this is under active consideration of the GoM. It was also informed that pending the GoM approval, MSETCL vide its letter dated 2nd July, 2010 has communicated its "No Objection" in favour of MEGPTCL for undertaking 765 kV Transmission Project, with an option to take 26% equity, as originally envisaged, on receipt of GoM approval. Also, it informed that MEGPTCL has undertaken to arrange additional



26% equity contribution by AEL in MEGPTCL in case of delay or non-receipt of GoM approval for 26% equity investment by MSETCL in MEGPTCL

21. As required under Section 15(5)(a) of the EA 2003, a Public Notice dated 19th July, 2010 was published by the Commission in two Marathi and two English newspapers, stating the details of the proposed transmission project and inviting the public to submit to the Commission any suggestions or objections with reference to the said application of MEGPTCL by 13th August, 2010.

22. The Public Notice as above and soft copy of the application were also posted on the Commission's internet website, and at the same time, the Applicant was also directed by the Commission to publish the same on its internet website. It was also intimated vide the above mentioned Public Notice that the Public Hearing in the matter would be held on Tuesday, 17th August, 2010, at 11:00 hours at the Commission's office at World Trade Centre, Cuffe Parade, Mumbai 400 005.

23. The Commission did not receive any comments or objections / suggestions in response to the above mentioned notice till the end of the specified date of August 13, 2010. Further, no objection / comment was received even till the date of the hearing, viz., August 17, 2010.

24. The Public Hearing in the matter was held on 17th August, 2010. Shri R. K. Madan represented MEGPTCL. No representatives from any of the four consumer representatives authorised under Section 94(3) of EA 2003 were present during the Public Hearing. The gist of proceedings during the public hearing is as follows:

25. In pursuance of approval from GoM for equity participation by MSETCL in the MEGPTCL, it was submitted that, MEGPTCL has requested MSETCL to grant a No Objection Certificate ("NOC") to proceed through due regulatory process and simultaneously undertake project development activities including International Competitive bidding ("ICB"), with a provision for taking up 26% equity by MSETCL as and when GoM approval is received. A copy of the NOC letter received by MEGPTCL from MSETCL to this effect has been submitted to the Commission. MEGPTCL has also committed to arrange for additional 26% equity by AEL in MEGPTCL, in case of delay or non-receipt of GoM approval for 26% equity by MSETCL in MEGPTCL.

26. On the query by the Commission, MEGPTCL presented updated status of Tiroda Power project (3 X 660 MW Phase I & 2 X 660 MW Phase II) and coal linkages as follows:

- a) LoA with SECL (South Eastern Coal Field Limited) & WCL (Western Coal Fields Limited) for 1180 MW



- b) Application for alternate coal block for 800 MW under active consideration of GoI
- c) Application for coal linkage for 1320 MW has been made and will be considered in ensuing meeting of SLC (LT)
- d) Construction work of all the units is in different stage of execution & progressing as per schedule

27. Further, the Commission has sought clarifications from STU and MEGPTCL about the alternative arrangement of power evacuation in case the 400 KV Tiroda - Warora D/C transmission line is not completed in time with the proposed Synchronization schedule of the Units 1, 2 & 3 of the Tiroda Power Project. MEGPTCL replied that studies are in progress to overcome such contingencies.

28. The Applicant submitted that the JV with the promoter of generating project to develop associated transmission network is in line with State Government's approval for a similar case (Jaigad Power Transco Ltd., a JV of MSETCL and JSW Energy) and it is also in line with GoI Policy to encourage private sector participation in transmission (example being JV of PGCIL with Essar, Torrent, etc.) It is the responsibility of MEGPTCL to develop 765 kV Transmission Project on Build Own and Operate (BOO) basis within required time frame, as "**Transmission Licensee**".

29. In response to the Commission's query, MEGPTCL admitted that in case of delay in the commissioning of 765 KV transmission system as per schedule, the 400 KV double circuit Tiroda - Warora Transmission line alone would not be adequate to evacuate the generation of 1980 MW of Tiroda Stage-I. Hence, there could be some constraint on full generation from Stage-I.

30. As there were no objections / suggestions given by any Consumer Representatives or members of the public, the Public Hearing was concluded.

31. The Commission has scrutinised all the submissions made by the Applicant and has carried out a detailed evaluation of the eligibility of the Applicant as against the technical requirement, capital adequacy, and managerial and administrative capability to fulfil the requirements of Sections 14 and 15 of the EA 2003 and Transmission Licence Conditions Regulations. Having considered the material placed on record, the Commission is of the view that the Applicant satisfies the technical, commercial and financial requirements to qualify for the grant of Transmission Licence as per the detailed Scope of Transmission System as mentioned in this order.

32. Considering the above, the Commission hereby grants Transmission Licence for a period of 25 years to M/s. Maharashtra Eastern Grid Power Transmission Company Limited



("MEGPTCL"), for the proposed 765 KV Intra-state Transmission Network as per the detailed scope in Para No.2 of this Order. The Transmission Licence shall come into effect from the date of issuance of this Order.

33. The Commission observes that capital cost of the transmission project should be optimised and grant of licence does not in any way mean approval of the cost and other details of the proposed project by the Commission. Accordingly, the Commission rules that the following conditions shall form a part of the Specific Conditions of Transmission Licence

- a. Construction of Transmission system through Competitive procurement basis: The construction and commissioning of the transmission system shall be executed through suitable packages and contracts for these packages shall be awarded through Competitive Bidding basis.
- b. The Commission also notes that the procedure for obtaining authorization of the GoM under Section 164 of the EA 2003 requires to be complied with by MEGPTCL. Accordingly, MEGPTCL shall cause the transmission scheme to be published in the Official Gazette of GoM and in at least two local daily newspapers along with a notice of the date, not being less than two months after the date of such publication, before which any interested person may make a representation on such scheme. MEGPTCL shall take into consideration the objections / representations, before finalizing the optimal route alignment. Thereafter, MEGPTCL shall submit a certificate along with an application under Section 164 of the EA 2003 to GoM to this effect. MEGPTCL will also submit to the Commission the following documents:
 - (i) Newspaper publications of Scheme.
 - (ii) Authenticated maps showing the details of selected route alignment of the transmission lines.
 - (iii) Justification of the selection of the route alignment.

MEGPTCL may visit the website of the Ministry of Power, GoI for obtaining the format for publication of the transmission scheme in local daily newspapers inviting observations /representation from public.

34. The Commission directs the Transmission Licensee (MEGPTCL) to submit progress report about project completion status on quarterly basis until commissioning and commercial operation of the transmission project.



35. Accordingly, the Commission directs that the Applicant be granted the Transmission Licence as above, and the licence be issued by the Secretary, MERC. The Commission directs its registry that a copy of the same be forwarded to the Government of Maharashtra, all electricity transmission licensees and distribution licensees in the State of Maharashtra, the Central Electricity Authority, the concerned Local authorities / self governments (Municipal bodies) of the cities / towns through which the transmission line passes, and a copy be posted on the Internet website of the Commission. The Commission also directs that the aforesaid Specific Conditions of Transmission Licence of MEGPTCL be specified by regulations under Section 16 of the EA 2003. Such conditions shall be deemed to be conditions of licence of MEGPTCL.

36. The grant of licence shall be subject to the Applicant complying with the provisions of the EA 2003, the rules framed by the Appropriate Government, applicable regulations and all tariff parameters specified under the Tariff Regulations by the Commission, guidelines for in-principle clearance of proposed investment schemes, and all applicable statutes.

37. The Commission directs MEGPTCL to submit its application for approval of capital expenditure schemes and Petition for approval of Annual Revenue Requirement, separately, within 90 days from grant of the Transmission Licence based on the Capital Work In Progress (CWIP) and in accordance with Tariff Regulations of MERC. The approved ARR shall form a part of the Total Transmission System Costs (TTSC) of the intra-State Transmission system to be recovered from the Transmission System Users in accordance with the principles of Transmission Pricing framework to be applicable from time to time and as per the prevalent rules and regulations.

Accordingly, Case No. 118 of 2009 stands disposed of.

Sd/-
(V.L. Sonavane)
Member

Sd/-
(V. P. Raja)
Chairman



(K.N. Khawarey)
Secretary, MERC

Amendment to Transmission Licence No. 1 of 2010

In pursuance of the Commission's Order dated 30 June, 2016 in Case No. 112 of 2015, the following entries in the list of Sub-stations in Clause 3 ('Area of Transmission') of Part II ('General Terms and Conditions') of the Transmission Licence No. 1 of 2010 assigned to M/s Maharashtra Eastern Grid Power Transmission Company Limited shall be substituted by the amended entries set out below:

Existing:

3.2.1 Establishment of 765/400 KV Switchyard at Tiroda

- 1 X 1500 MVA, 765/400 KV transformer with bays on either side. (4 X 500 MVA 1 ph units providing 1 X 1500 MVA bank with one spare unit)
- 2 nos. of 765 KV line bays. (For Tiroda – Koradi – III, 2 X S/C 765 KV Lines)
- 2 X 240 MVAR, 765 KV switchable line reactors. (7 X 80 MVAR 1 ph units providing 2 X 240 MVAR banks with one spare unit for Tiroda – Koradi – III, 2 X S/C 765 KV Lines)
- Space for 1 number 765 KV bay (for future use)

Amended:

3.2.1 Establishment of 765/400 KV Switchyard at Tiroda

- 2 X 1500 MVA, 765/400 KV transformer with bays on either side. (8 X 500 MVA 1 ph units providing 2 X 1500 MVA bank with one spare unit each)
- 2 nos. of 765 KV line bays. (For Tiroda – Koradi – III, 2 X S/C 765 KV Lines)
- 2 X 240 MVAR, 765 KV switchable line reactors. (7 X 80 MVAR 1 ph units providing 2 X 240 MVAR banks with one spare unit for Tiroda – Koradi – III, 2 X S/C 765 KV Lines)

Existing:

3.2.3 Establishment of 765/400 KV Substation at Akola-II

- 1 X 1500 MVA, 765/400 KV Transformers with bays on either side. (4 X 500 MVA 1ph units providing 1 X 1500 MVA bank with one spare unit)
- 2 X 240 MVAR, 765 KV switchable line reactors. (7X 80 MVAR 1 ph units providing 2 X 240 MVAR banks with one spare unit for Akola –II- Aurangabad, 2 X S/C 765 KV Lines)
- 2 X 240 MVAR, 765 KV fixed line reactors (7X 80 MVAR 1 ph units providing 2 X 240 MVAR banks with one spare unit for Koradi – III – Akola -II, 2 X S/C 765 KV Lines)
- 1 X 240 MVAR, 765 KV switchable bus reactor (4X 80 MVAR 1 ph units providing 1 X 240 MVAR banks with one spare unit)
- 4 nos of 765 KV line bays. (for Koradi – III – Akola -II and Akola II- Aurangabad 2 X S/C 765 KV lines)
- 4 nos of 400 KV line bays (2 nos. for Akola–II - Akola-I 400 KV quad D/C line and 2 nos for Nandgaopet-Akola –II 400 KV D/C Line)
- Space for 2 nos. of 765 KV line bays. (for future use)
- Space for 2 nos. of 400 KV line bays. (for future use)

Amended:

3.2.3 Establishment of 765/400 KV Substation at Akola-II

- 2X1500 MVA, 765/400 KV Transformers with bays on either side. (8 X 500MVA 1ph units providing 2 X 1500MVA bank with 1 spare unit each)
- 2 X 240 MVAR, 765 KV switchable line reactors. (7 X 80 MVAR 1 ph units providing 2 X 240 MVAR banks with one spare unit for Akola –II- Aurangabad, 2 X S/C 765 KV Lines)
- 2 X 240 MVAR, 765 KV fixed line reactors (7 X 80 MVAR 1 ph units providing 2 X 240 MVAR banks with one spare unit for Koradi – III – Akola -II, 2 X S/C 765 KV Lines)
- 1 X 240 MVAR, 765 KV switchable bus reactor (4 X 80 MVAR 1 ph units providing 1 X 240 MVAR banks with one spare unit)
- 4 nos of 765 KV line bays. (for Koradi – III – Akola -II and Akola II- Aurangabad 2 X S/C 765 KV lines)

- 4 nos of 400 KV line bays (2 nos. for Akola–II - Akola-I 400 KV quad D/C line and 2 nos for Nandgaopet-Akola –II 400 KV D/C Line)
- Space for 2 nos. of 765 KV line bays. (For future use)
- Space for 2 nos. of 400 KV line bays. (For future use)

All other terms and conditions of the Original Licence, including the Area of Transmission, shall remain unchanged.

Sd/-
Secretary,
Maharashtra Electricity Regulatory Commission

Mumbai
Dated: 30 June, 2016

Before the
MAHARASHTRA ELECTRICITY REGULATORY COMMISSION
World Trade Centre, Centre No.1, 13th Floor, Cuffe Parade, Mumbai 400005
Tel. 022 69876666
Email: mercindia@merc.gov.in
Website: www.merc.gov.in

Case No. 138 of 2025

In the matter of
Application of Maharashtra Eastern Grid Power Transmission Co. Ltd. for the Second
Amendment of Transmission Licence No. 1 of 2010

Coram

Sanjay Kumar, Chairperson
Anand M. Limaye, Member
Surendra J. Biyani, Member

Maharashtra Eastern Grid Power Transmission Co. Ltd.	Applicant/Petitioner
V/s	
State Transmission Utility (STU)	 Respondent

ORDER

Date: 4 November , 2025

- 1 Maharashtra Eastern Grid Power Transmission Co. Ltd. (“**MEGPTCL**”), having office at Adani Corporate House, Shantigram, Near Vaishno Devi Circle, S. G. Highway, Khodiyar, Ahmedabad 382421, Gujarat, has filed an Application as per Section 18 of the Electricity Act (EA), 2003 read with Regulation 39 of the MERC (Transaction of Business and Fees and Charges) Regulations, 2022 and MERC (Transmission Licence Conditions) Regulations, 2004 (“Transmission Licence Regulations”). The application seeks an amendment to its Transmission Licence No. 1 of 2010, granted by the Commission on 21 September 2010, and as amended on 30 June 2016 (First Amendment).
- 2 **MEGPTCL’s main prayers are as follows:**
 - a. *“Amend the “Transmission Licence of Maharashtra Eastern Grid Power Transmission Company Limited (Licence No. 1 of 2010)”.*

- b. *Grant in-principle approval for commencement of work for installation of 3 x 500 MVA ICTs (with one spare unit) along with associated transmission system at the Tiroda Substation.*
- c. *Condone any inadvertent omissions/ errors/ shortcomings and permit Maharashtra Eastern Grid Power Transmission Company Limited to add/ modify/ change/ alter this filing and make further submissions as may be required at a future date. ---”*

3 **Background of the Petition and Regulatory Provisions:**

- 3.1 The Commission is empowered under Section 18 of the EA 2003 to amend the terms and conditions of the licence on the licensee's application. The relevant provisions of Section 18 of the EA 2003 are as follows:

“18. Amendment of Licence- Where in its opinion the public interest so permits, the Appropriate Commission may, on the application of the licensee or otherwise, make such alterations and amendments in the terms and conditions of a licence as it thinks fit.”

- 3.2 The Commission, on 21 September 2010, granted a project-specific Transmission Licence to MEGPTCL for 25 years, namely "Transmission Licence No. 1 of 2010," for the Transmission Lines and Bays forming part of the Intra-State Transmission System of Maharashtra (InSTS). An amendment of the transmission licence is required to add new transmission Bays as proposed by MEGPTCL and recommended by STU.
- 3.3 **First Amendment:** For the addition of the Second ICTs at 765 kV Tiroda and Akola –II substations, the Commission granted the First Amendment to the Transmission Licence No. 1 of 2010, vide its Order dated 30 June 2016 in Case No. 112 of 2015.
- 3.4 With the above background, MEGPTCL's Petition is analysed in the subsequent part of the Petition:

4 **MEGPTCL's Application for the second amendment of its Transmission Licence states as follows:**

- 4.1 MEGPTCL is a Transmission Licensee pursuant to the licence granted to it under Licence No. 1 of 2010, dated 21 September 2010, by the Commission, under the provisions of Section 14 of the EA, 2003 and amended thereof.
- 4.2 The Transmission License issued to MEGPTCL is asset-specific, which means that it authorises MEGPTCL to create, operate and maintain assets that are specifically identified in the Licence granted to it by the Commission. Hence, there is a need to regularly update such specific transmission assets (lines and bays) mentioned in the Licence, as and when new systems are created or existing systems are removed or modified, or new schemes are proposed to be added to InSTS.
- 4.3 Pursuant to the First Amendment of the said Transmission Licence, there have been certain developments in the existing and proposed Transmission system of MEGPTCL. Hence, to accommodate the changes, MEGPTCL requested an amendment to the Transmission Licence.

- 4.4 MSETCL vide its letter dated 20 March 2025 informed that Load Flow studies were carried out for the evacuation of the 2x800 MW Thermal Power Plant of M/s Adani Power Ltd. located at Raipur (Chhattisgarh) for the MSEDCL's Contracted Capacity of 1496 MW. To evacuate the power Intra-State Transmission System of Maharashtra will be feasible at 400 kV level of 765/400 kV Tiroda s/s, subject to completion of the following network strengthening schemes in order to have smooth evacuation of power from Adani Power Plant at Raipur, Chhattisgarh:
- i. Addition of 3rd 765/400 kV, 1500 MVA ICT at 765 kV Tiroda s/s (to be executed by MEGPTCL);
 - ii. Establishment of 400/220/132 kV Umred s/s (to be executed under TBCB).
- 4.5 Further, STU vide letter dated 24 March 2025 sought consent from MEGPTCL for the following Scope of work to be completed by the MEGPTCL:
- i. Addition of 3rd 765/400 kV ICT of 3X500 MVA+1 Spare bank (500 MVA)-4 Nos. at 765 kV Tiroda s/s.
 - ii. 765 kV busbar extension with bays (Tie & ICT bay)-2 Nos.
 - iii. 1 Nos. of AC Kiosk for 765 kV system relay & control panel
- 4.6 Subsequently, MEGPTCL, vide its letter dated 24 March 2025, submitted its consent regarding its readiness to execute the scope of work proposed by STU. Further, MEGPTCL, in its consent letter dated 24 March 2025, also submitted that MEGPTCL will initiate the process of transmission licence amendment for inclusion of additional scope of work in its existing transmission license and will submit the Detailed Project Report for concurrence by STU/MERC as specified under MERC (Approval of Capital Investment Schemes) Regulations, 2022.
- 4.7 Based on the consent letters submitted by MEGPTCL, STU has approved the connectivity to Adani Power Limited, as per the letter dated 27 March 2025.
- 4.8 MEGPTCL on 11 June 2025 has submitted its rolling capital investment plan in compliance with Regulation 7.2 of the Maharashtra Electricity Regulatory Commission (Approval of Capital Investment Schemes) Regulations 2022.
- 4.9 Accordingly, the following additional scope of work allocated to MEGPTCL needs to be included in its existing transmission licence of MEGPTCL:
- i. Addition of 3rd 765/400 kV of 3X500 MVA + 1 Spare bank (500 MVA) – 4 Nos. at 765 kV Tiroda s/.
 - ii. 765 kV busbar extension with bays (Tie & ICT bay) – 2 Nos.
 - iii. 1 Nos. of AC Kiosk for 765 kV system relay & control panel
- 4.10 In view of the above, MEGPTCL has filed the Petition for amendment of the Transmission License No. 1 of 2010 for inclusion of the proposed assets in its transmission licence.
- 4.11 MEGPTCL has requested the amendment of the Transmission Licence (updated asset position) as mentioned above.

- 4.12 After preliminary scrutiny of the Petition, MEGPTCL was asked to provide STU recommendations for amendment to the transmission License. STU, vide its letter dated 11 August 2025, has recommended the scheme stating that M/s Adani Power Ltd. has made Power Supply Agreement(PSA) with MSEDCL for the evacuation of 1496 MW of Power from its 2x800 MW Thermal Power plant located at Raipur District, Chhattisgarh, with COD of June 2027 for Unit 1 and October 2027 for Unit 2.
- 4.13 Accordingly, STU has issued the Grid connectivity to M/s Adani Power Ltd. The said Scheme is recommended in the 4th MTC meeting held on 18 July 2025 and the 4th GCC meeting held on 28 July 2025. The said scheme is included in STU's 3 year Rolling plan for FY 2027-28. Since the scheme is very important from a system stability and reliability point of view for evacuating 1496 MW Power, the above scheme is recommended by STU for considering an amendment in the existing Licence of MEGPTCL.

5 Regulatory Proceedings:

MEGPTCL Public Notice:

- 5.1 Section 14 of the EA 2003 empowers the Commission to grant a Licence. Section 15 of the EA 2023 provides the procedure for granting a Transmission Licence, and Section 18 provides the amendment in the terms and conditions of a Transmission Licence. The relevant provisions are as follows:

“Section 14. (Grant of licence): -----

.....

(3) A person intending to act as a transmission licensee shall, immediately on making the Petition, forward a copy of such Petition to the Central Transmission Utility or the State Transmission Utility, as the case maybe.

(4) The Central Transmission Utility or the State Transmission Utility, as the case may be, shall, within thirty days after the receipt of the copy of the Petition referred to in sub-section (3), send its recommendations, if any, to the Appropriate Commission:

Provided that such recommendations shall not be binding on the Commission. -----

“18. Amendment of licence –

Where in its opinion the public interest so permits, the Appropriate Commission, may, on the application of the Licence or otherwise, make such alteration and amendments in the terms and conditions of his licence as it thinks fit:

Provided that, no such alterations or amendments shall be made except with the consent of the Licence unless such consent has, in the opinion of the Appropriate Commission, been unreasonably withheld.

Before any alterations or amendments in the licence are made under this section, the following provisions shall have effect, namely: -

- (a) *where the Licence has made an application under sub-section (1) proposing any alteration or modifications in his licence, the Licence shall publish a notice of such application with such particulars and in such manner as may be specified;*
- (b) *in the case of an application proposing alterations or modifications in the area of supply comprising the whole or any part of any cantonment, aerodrome, fortress, arsenal, dockyard or camp or of any building or place in the occupation of the Government for defence purposes, the Appropriate Commission shall not make any alterations or modifications except with the consent of the Central Government;*
- (c) *where any alterations or modifications in a licence are Proposed to be made otherwise than on the application of the Licence, the Appropriate Commission shall publish the Proposed alterations or modifications with such particulars and in such manner as may be specified;*
- (d) *the Appropriate Commission shall not make any alterations or modification unless all suggestions or objections received within thirty days from the date of the first publication of the notice have been considered.”*

5.2 The Commission has granted MEGPTCL a transmission licence specific to particular Transmission Lines and Bays under Part 2 (Alternative-2 of Area of Transmission) of MERC (Transmission Licence Conditions) Regulations, 2004 (Transmission Licence Regulations). In accordance with Section 18 of the Electricity Act and Transmission Licence Regulations, any modifications to the lines and bays necessitate an amendment to the transmission license.

5.3 Regulation 7 of the MERC (Transmission Licence Conditions) Regulations, 2004 (Transmission Licence Regulations) provides that:

“6.1 A Petitioner shall publish a notice of his Petition for grant of licence in not less than two (2) daily English language newspapers and two (2) daily Marathi language newspapers in the proposed area of transmission. -----

...Provided that the Commission may, within a period of four (4) days from the receipt of Petition, require such additional particulars to be included in the notice, as it may deem appropriate having regard to the specific circumstances of the case.”

5.4 The Commission notes that MEGPTCL submitted the Petition on 13 June 2025, seeking a 2nd amendment to its Transmission Licence No. 1 of 2010. Since MEGPTCL has provided the necessary details as required under Transmission Licence Regulations, the Commission admitted the Petition on 7 July 2025. The legal and regulatory framework governing the amendment process for Transmission Licences is delineated in Section 18 of the EA, 2003, and Regulation 7 of the Transmission Licence Regulations. Subsequently, MEGPTCL was directed to publish a Public Notice in compliance with Regulation 7.2, in conjunction with Section 18(2)(a) of the EA, 2003, inviting suggestions or objections from the public regarding its Application. In accordance with this directive, MEGPTCL published the Public Notice on 10 July 2025 in the following daily newspapers:

- a. Lokmat Times and The Hitvada

b. Punyanagari and Deshonnati (Marathi)

- 5.5 In response to MEGPTCL's notice, 21 objectors have filed their comments (List of such persons is attached as **Appendix-1**). MEGPTCL, in its reply to all the comments, stated that these objections/suggestions/comments are not relevant to the Licence Amendment Petition of MEGPTCL. The Review of these suggestions/objections/comments from the 21 objectors reveals that all comments pertain to the issue of the parallel Distribution Licence applications by Adani Electricity Navi Mumbai Ltd. and Torrent Power Ltd. No objections have been raised regarding the MEGPTCL licence amendment.

6 Commission's Public Notice:

- 6.1 Subsequently, the Commission published a Public Notice on 30 August 2025 in two daily English (Times of India, Economic Times) and two daily Marathi (Sakal, Maharashtra Times) newspapers as per Section 15 of the EA 2003, seeking comments/suggestions/objections on the proposal to amend the Transmission Licence of MEGPTCL (Second amendment of Licence No.1 of 2010) subject to fulfilment of the requirements laid down in the Electricity Act 2003 and Regulations. The last date for submission of suggestions/objections was 28 September 2025. It was also stated that the e-Public Hearing would be held on 30 September 2025 via a video conference, where the opportunity to be heard in person would be given to the objectors.
- 6.2 **In response to the above Commission's Public Notice, no objection/suggestion has been received.**

7 At the E- Public hearing through video conferencing held on 30 September 2025:

- i. The Representative of MEGPTCL reiterated the key points of its submission as outlined in the Petition.
- ii. He further clarified that the amendment to the transmission licence is required for the addition of a third ICT at Tiroda SS to evacuate the power from the 2x800 MW Thermal Power Plant of M/s Adani Power Ltd. located at Raipur (Chhattisgarh) for the MSEDCL's Contracted Capacity of 1496 MW.

The list of persons who attended the e-Public hearing held on 30 September 2025 is appended as "**Appendix – 2**".

Commission's Analysis and Rulings:

- 8 The Commission notes that MEGPTCL's Transmission Licence is project-specific under Alternative 2 of the Area of Transmission (Licence to establish and operate specific transmission lines and bays) specified under Transmission Licence Regulations. Hence, any changes to the transmission lines and bays need to be incorporated into the transmission licence. Accordingly, through the present Petition, MEGPTCL has sought 2nd amendments to Transmission Licence No. 1 of 2010 in terms of the addition of 3rd 765/400 kV of 3X500 MVA + 1 Spare bank (500 MVA) ICT– 4 Nos. along with bays extensions and kiosks/relays and panels at 765 kV Tiroda. These additions would be required for the evacuation of

contracted power of MSEDCL from the 2x800 MW Thermal Power Plant of M/s Adani Power Ltd. located at Raipur (Chhattisgarh), as approved and recommended by the STU in its scope of work.

- 9 The regulatory process specified under Section 18 of the EA 2003 on the amendment of the Transmission Licence has been duly followed. The Commission has ensured that due process contemplated under the law to ensure transparency and public participation has been followed at every stage and that adequate opportunity has been given to all concerned to express their views. There are no relevant objections/comments on the Public Notice issued by MEGPTCL as well as by the Commission as part of public consultation.
- 10 The Commission notes the following points for its consideration:
 - 10.1 MEGPTCL has submitted the details of the “Proposed Assets” in its application. As part of the regulatory process, the Commission sought the STU’s recommendation on whether these proposed Bays form part of the STU Plan. The STU has provided its recommendations vide letter dated 11 August 2025 to add the assets in the Transmission Licence of MEGPTCL.
 - 10.2 For the proposed schemes, the Commission has only considered the Bays and Transmission Lines, in accordance with the prevailing MYT Regulations. These elements are part of the STU Plan and have been recommended by STU for amendment.
 - 10.3 Considering the above facts, in exercising powers under Section 18 of the EA, 2003 and in accordance with the provisions of the Transmission Licence Regulations and applicable MYT Regulations, the Commission analyses the Petition of MEGPTCL for the second amendment of Transmission Licence No. 1 of 2010.
- 11 Section 15 of the EA 2003 (Procedure for grant of licence) provides as follows:

“(3) A person intending to act as a transmission licensee shall, immediately on making the application, forward a copy of such application to the Central Transmission Utility or the State Transmission Utility, as the case may be.

(4) The Central Transmission Utility or the State Transmission Utility, as the case may be, shall, within thirty days after the receipt of the copy of the application referred to in sub-section (3), send its recommendations, if any, to the Appropriate Commission: --”
- 12 The proposed scheme is for the amendment of the existing 765 kV Tiroda SS by installing an additional third ICT. Hence, as per the provisions of the MYT Regulations 2024 (Provisions of Threshold Limit for TBCB), the execution of the scheme under the TBCB route does not apply to this scheme as proposed by MEGPTCL. Hence, an amendment to the transmission licence as sought by MEGPTCL and recommended by STU in this Petition is justified.
- 13 Addition of New Assets as per STU plan/ STU recommendation is as follows:

Table 1: Addition of New Assets as sought in the amendment (Schemes as per STU plan and STU Recommendation)

S N	Existing Area of Transmission (As per Order dated 14 September 2010 in Case No. 118 of 2009 and First Amendment in Case No. 112 of 2015 Order dated 30 June 2016).	Amended Area of Transmission (Second Amendment in Case No. 138 of 2025)	Remarks
A	Transmission Lines	Transmission Lines	
1	Tiroda – Koradi-III 765 kV S/C Line-1(120 km)	Same	No Change
2	Koradi-III - Akola –II 765 kV S/C Line-1 (270 Km)	Same	No Change
3	Akola-II – Aurangabad 765 kV S/C Line-1 (240 Km)	Same	No Change
4	Tiroda-Koradi –III 765 kV S/C Line-2 (120 Km)	Same	No Change
5	Koradi-III- Akola –II 765 kV S/C Line-2 (270 Km)	Same	No Change
6	Akola-II – Aurangabad 765 kV S/C Line-2 (240 Km)	Same	No Change
7	Akola II – Akola – I 400 kV quad D/C line (30 Km)	Same	No Change
B	Substations:	Substations:	
1	Establishment of 765/400 kV Switchyard at Tiroda	Establishment of 765/400 kV Switchyard at Tiroda	
a	2 X 1500 MVA, 765/400 kV transformer with bays on either side. (8 X 500 MVA 1 ph units providing 2 X 1500 MVA bank with one spare unit each)	3 X 1500 MVA, 765/400 kV transformer with bays on either side. (12 X 500 MVA 1 ph units providing 3 X 1500 MVA bank with one spare unit each)	Addition of 1 X 1500 MVA ICT with spare
b	2 nos. of 765 kV line bays. (For Tiroda – Koradi – III, 2 X S/C 765 kV Lines)	Same	No Change
c	2 X 240 MVAR, 765 kV switchable line reactors. (7 X 80 MVAR 1 ph units providing 2 X 240 MVAR banks with one spare unit for Tiroda – Koradi – III, 2 X S/C 765 kV Lines)	Same	No Change
d		765 kV busbar extension with bays (Tie & ICT bay) - 2 Nos.	Addition of two bays.
e		1 Nos. of AC Kiosk for 765 kV system relay & control panel	

S N	Existing Area of Transmission (As per Order dated 14 September 2010 in Case No. 118 of 2009 and First Amendment in Case No. 112 of 2015 Order dated 30 June 2016).	Amended Area of Transmission (Second Amendment in Case No. 138 of 2025)	Remarks
2	Establishment of 765/400 kV Substation at Koradi-III	Establishment of 765/400 kV Substation at Koradi-III	
a	2X1500 MVA, 765/400kV Transformers with bays on either side. (7 X 500 MVA 1ph units providing 2 X 1500 MVA bank with one spare unit)	Same	No Change
b	4 X 240 MVAR, 765 kV switchable line reactors. (14X 80 MVAR 1 ph units providing 4 X 240 MVAR banks with two spare units for Tiroda – Koradi – III and Koradi –III- Akola II 2 X S/C 765 kV Lines)	Same	No Change
c	1 X 240 MVAR, 765 kV switchable bus reactor. (4X 80 MVAR 1 ph units providing 1 X 240 MVAR banks with one spare unit)	Same	No Change
d	4 nos. of 765 kV line bays. (for Tiroda – Koradi –III and Koradi –III- Akola II 2 X S/C 765 kV Lines)	Same	No Change
e	4 nos. of 400 kV line bays (for Koradi-III- Koradi-II and Koradi-III- Khaperkheda D/C 400kV lines)	Same	No Change
f	Space for 2 nos of 765 kV line bays. (for future use)	Same	No Change
g	Space for 2 nos of 400 kV line bays. (for future use)	Same	No Change
3	Establishment of 765/400 kV Substation at Akola-II	Establishment of 765/400 kV Substation at Akola-II	
a	2X1500 MVA, 765/400 kV Transformers with bays on either side. (8 X 500MVA 1ph units providing 2X1500MVA bank with 1 spare unit each)	Same	No Change
b	2 X 240 MVAR, 765 kV switchable line reactors. (7 X 80 MVAR 1 ph units providing 2 X 240 MVAR banks with one spare unit for Akola –II- Aurangabad, 2 X S/C 765 kV Lines)	Same	No Change
c	2 X 240 MVAR, 765 kV fixed line reactors (7 X 80 MVAR 1 ph units providing 2 X 240 MVAR banks with one spare unit for Koradi – III – Akola -II, 2 X S/C 765 kV Lines)	Same	No Change
d	1 X 240 MVAR, 765 kV switchable bus reactor (4 X 80 MVAR 1 ph units providing 1 X 240 MVAR banks with one spare unit)	Same	No Change
e	4 nos of 765 kV line bays. (for Koradi – III – Akola -II and Akola II- Aurangabad 2 X S/C 765 kV lines)	Same	No Change
f	4 nos of 400 kV line bays (2 nos. for Akola–II - Akola-I 400 kV quad D/C line and 2 nos for Nandgaonpeth-Akola –II 400 kV D/C Line)	Same	No Change

S N	Existing Area of Transmission (As per Order dated 14 September 2010 in Case No. 118 of 2009 and First Amendment in Case No. 112 of 2015 Order dated 30 June 2016).	Amended Area of Transmission (Second Amendment in Case No. 138 of 2025)	Remarks
g	Space for 2 nos. of 765 kV line bays. (for future use)	Same	No Change
h	Space for 2 nos. of 400 kV line bays. (for future use)	Same	No Change
4	Extension of 765 kV Substation at Aurangabad	Extension of 765 kV Substation at Aurangabad (Ektuni)	
a	2 X 240 MVAR, 765 kV fixed line reactors (7X 80 MVAR 1 ph units providing 2 X 240 MVAR banks with one spare unit for Akola –II – Aurangabad 2 X S/C 765 kV lines)	Same	No Change
b	2 nos of 765 kV line bays. (for Akola-II – Aurangabad 2XS/C 765 kV lines)	Same	No Change

- 14 It is worth noting that the addition of the Third ICT of 1 X 1500 MVA at 765 kV Tiroda SS is proposed for the evacuation of contracted power of MSEDCL from the Thermal Power Plant of M/s Adani Power Ltd., located at Raipur (Chhattisgarh). Hence, STU has recommended the scheme. Further, the transmission line for evacuation of power from 2 X 800 MW Raipur Ultra Super Critical Thermal Power Project, Chhattisgarh, to Tiroda SS as a dedicated transmission line. Accordingly, STU has granted the connectivity. Hence, the Transmission Line and ICT need to be constructed simultaneously. Thus, MEGPTCL and STU shall ensure that the transmission line work and ICT No. 3 work are executed simultaneously to avoid the idling of the assets.
- 15 The Commission notes that prayer “b” of the Petition seeks in-principle approval to start work on installing a third ICT. It is important to note that the present petition relates to the second amendment of MEGPTCL’s Transmission Licence for the inclusion of third ICT in its scope. Additionally, MEGPTCL has submitted the Detailed Project Report (DPR) separately for the Commission’s in-principle approval. Therefore, the Commission would deal with the in-principle approval of the DPR separately, in accordance with the provisions of the MERC Capex Approval Regulations, 2022.
- 16 In view of the above, the Second Amendment to Transmission Licence No. 1 of 2010 accompanies this Order. The Commission's Secretariat shall forward a copy to the Government of Maharashtra (Energy Dept., GoM), all Electricity Transmission and Distribution Licensees in the State, the Central Electricity Authority, and the concerned Local Authorities, and upload it on the Commission’s website.
- 17 **Hence, the following Order:**

ORDER

1. The Petition in Case No. 138 of 2025 is allowed.
2. The Second Amendment to Transmission Licence No. 1 of 2010 accompanies this Order. The Commission's Secretariat shall forward a copy to the Government of Maharashtra (Energy Dept., GoM), all Electricity Transmission and Distribution Licensees in the State, the Central Electricity Authority, and the concerned Local Authorities, and upload it on the Commission's website.

Sd/-

(Surendra J. Biyani)

Member

Sd/-

(Anand M. Limaye)

Member

Sd/-

(Sanjay Kumar)

Chairperson

(Dr. Rajendra G. Ambekar)

Secretary



Appendix – 1

S N	Name of Party/ Individual Objector
1	Smt. Sonali Khodke
2	Shri. Sudhakar Shelke
3	Shri. Pratik Shinde
4	Shri. Prashant Charpe
5	Shri. Sushant
6	Shri. Pravin Yadav Bhamare
7	Shri. Rohan Thakre
8	Shri. Nitin Nasre
9	Shri. Yogesh Patil
10	Shri. Nilesh V.G.
11	Shri. Amrutrao shivaji Bidgar
12	Shri. Nilesh Vijaykumar Gaikwad
13	Shri. Nilesh V. Gaikwad
14	Shri. Suyog Kulkarni
15	Shri. Sharvil Kulkarni
16	Shri. Pramod Wakode
17	Smt. Samiksha P Solanke
18	Shri. Farooqui Azharuddin
19	Shri. Prasad
20	Shri. Mahendrakumar
21	Shri. Kishor Patil

Appendix – 2

Attendance at e-Public Hearing on 30 September , 2025

Sr. No.	Name	Organization
1.	Shri Prashant Kumar	MEGPTCL
2.	Shri Akshay Mathur	MEGPTCL
3.	Mr. M. R. Krishna Rao	MEGPTCL
4.	Mr. Peeyush Sharma	STU
5.	Ms. Sharda Takpere	STU
6.	Mr. Dhiraj Patil	STU