

# महापारेषण

MAHARASHTRA STATE ELECTRICITY TRANSMISSION COMPANY LIMITED  
(CIN NO U40109MH2005SGC153646)

**Name of Office** : Chief Engineer (State Transmission Utility)  
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MSETCL/CO/STU/Sys/MTC/

Date:

To,  
As per mailing list

NO-7182

11 OCT 2024

**Sub: Agenda points for 11<sup>th</sup> Maharashtra Transmission Committee (MTC) meeting to be held on 16 Oct, 2024.**

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11<sup>th</sup> Maharashtra Transmission Committee (MTC) meeting will be held on **16 Oct, 2024 (Wednesday)**, at **11:00 hrs.** The meeting will be hosted by Tata Power Co Ltd (Transmission).

Agenda for the MTC Meeting is enclosed herewith as **Annexure-A** for your reference. Kindly make it convenient to attend the meeting.

It is to be noted that the final agenda points for the above meeting is also available on [https://www.mahatransco.in/information/details/maharashtra\\_stu](https://www.mahatransco.in/information/details/maharashtra_stu). It is requested to forward the *soft copies of the presentation*, in advance to STU, & present the same in 11<sup>th</sup> MTC meeting.

The details of coordinating officer & venue for 11<sup>th</sup> MTC meeting are as follows:

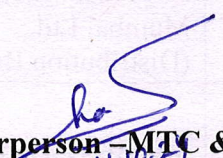
**Venue:** TPC-T Vikhroli Sub Station, Godrej soap premises, Pirojshanagar, Vikhroli (East), Mumbai

**Coordinator details:**

Name & Designation	Mobile No.
Ganesh Tawre	+919224582184
(Chief Manager (Network Planning) TPC-T)	+917021685282

It is requested to confirm number of participants well in advance to coordinating officer.

Thanking you.

  
Chairperson - MTC &  
Chief Engineer (STU)

Copy s.w.r. to:

- 1) The Director (Operations), CO, MSETCL, Mumbai

**List of MTC Members**

Sr. No.	Name of Organization	Name of Nominee & Designation	Committee position	Email ID
1	State Transmission Utility (STU)	Chief Engineer-STU	Chairperson	<b>CESTU@mahatransco.in</b>
2	State Transmission Utility (STU)	Superintending Engineer -STU	Member Convener	<b>sesys@mahatransco.in</b>
3	SLDC	Chief Engineer-SLDC	Member	<b>cesldc@mahatransco.in</b>
4	MSETCL	Superintending Engineer (O&M)	Member	<b>selom@mahatransco.in</b>
5	MSEDCL	Chief Engineer (Distribution), CO, Mumbai	Member	<b>cedist@mahadiscom.in</b>
6	MSPGCL	Rahul Sohani (Superintending Engineer)	Member	<b>cegw@mahagenco.in, seest1@mahagenco.in</b>
7	Maharashtra eastern grid Power Transmission co ltd	Atul Sadaria	Member	<b>atulj.sadaria@adani.com</b>
8	M/s Adani Electricity Mumbai Ltd. (Transmission Business)	Rakesh Raj (Head Planning – AEML Transmission)	Member	<b>rakesh.raj2@adani.com</b>
9	M/s Tata Power Co. Ltd.- Mumbai- Transmission	Sh. Kiran Desale (Head-Transmission)	Member	<b>desalekv@tatapower.com, gstawre@tatapower.com</b>
10	M/s Central Railway	S.S.Parihar ( M Chief Electrical Engineer/Electrical Energy Management/CR)	Member	<b>dyceetrdrclry@gmail.com</b>
11	M/s Tata Power Company Ltd. (Distribution)	S. Savarkar	Member	<b>svsavarkar@tatapower.com</b>
12	M/s Adani Electricity Mumbai Ltd. (Distribution Business)	Abaji Naralkar (Asst. Vice President)	Member	<b>abaji.naralkar@adani.com</b>
13	M/s BEST Undertaking	Smt. Manisha Krupanand Daware.Divisional Engineer (Project)	Member	<b>depro@bestundertaking.com</b>

<b>Additional Member:</b>				
1	MSETCL	Superintending Engineer (Project Scheme-I)	Member	<b>SE1prj@mahatransco.in</b>

**Annexure-A**

**Agenda of 11<sup>th</sup> Maharashtra Transmission Committee Meeting**

**Date & time :** 16 Oct, 2024 at 11:00 Hrs.

**Venue :** TPC-T Sub-Station, Vikhroli

<b>Agenda Point No. 1</b>	Confirmation of minutes of the 10 <sup>th</sup> MTC meeting.
<b>MSETCL</b>	
<b>Agenda Point No. 2</b>	Replacement of existing 0.2 ASCR Conductor along with hardware by HTLS conductor of 132kV Khapri-Buttibori ckt I & II and replacement of 21 nos. of 132kV CTs with allied works at 220kV Buttibori & 132kV Khapri s/s under RS O&M Division, Nagpur
<b>Agenda Point No. 3</b>	Replacement of existing conductor with High Ampacity Conductor of 132kV Manmad-Pimperkhed (Length=36.43 Ckm)
<b>Agenda Point No. 4</b>	Replacement of existing conductor with High Ampacity Conductor of 220kV Malegaon-Shivajinagar (Length=113 Ckm)
<b>Agenda Point No. 5</b>	Replacement of existing conductor with High Ampacity Conductor of 220kV Gangapur-Satana (Length=111 Ckm)
<b>Agenda Point No. 6</b>	Replacement of existing conductor with High Ampacity Conductor of 132kV Khadka - Juniper Solar (Tighre) Line (Length=39.58 ckm)
<b>Agenda Point No. 7</b>	Replacement of existing conductor with High Ampacity Conductor of 132kV Malkapur - Juniper Solar (Tighre) Line (Length=10.68 ckm)
<b>Agenda Point No. 8</b>	Replacement of existing conductor with High Ampacity Conductor of 220kV Gangapur- Shivajinagar (Length= 75 ckm)
<b>Agenda Point No. 9</b>	Replacement of existing conductor with High Ampacity Conductor of 132kV Shivajinagar-Sakri -Dhule (Length= 80ckm)
<b>Agenda Point No. 10</b>	Replacement of existing conductor with High Ampacity Conductor of 132kV Manmad-Chalisingaon (Length=72.7 ckm)
<b>Agenda Point No. 11</b>	Replacement of existing conductor with High Ampacity Conductor of 132kV Pimperkhed-Chalisingaon (Length=36.80 ckm)

Agenda points for 11<sup>th</sup> Maharashtra Transmission Committee (MTC) meeting

<b>Agenda Point No. 12</b>	Replacement of existing 0.5 ACSR Twin Moose Conductor along with insulators & hardware by Twin High-Performance conductor equivalent to 0.5 ACSR Moose Conductor & allied hardware & insulators of 400KV Babhaleshwar-Padghe ckt 1 & 2 along with bay strengthening at Padghe & Babhaleshwar s/s under Vashi & Nashik Zone respectively
<b>Agenda Point No. 13</b>	Scheme for the replacement of existing 0.5 ACSR Twin Moose Conductor along with insulators and hardware by Twin HTLS Conductor equivalent to 0.5 ACSR Moose Conductor & allied hardware & insulators of 400 kV Kalwa - Talegaon, Kalwa - Kharghar, Kharghar-Talegaon (DC) line and 400 kV Kalwa - Kharghar Bays at 400 kV RS Kalwa, 400 kV RS Kharghar and PGCIL Talegaon under Vashi and Pune Zone.
<b>Agenda Point No. 14</b>	Supply, Erection, Testing and Commissioning of Outdoor GIS Switchgear as Bus-Sectionalizer for) 220kV Bus at 220kV Temghar, 220kV Kamba, 220kV Nalasopara, 220kV Wada and 100 kV Bus at 100KV Bhiwandi substations under Kalwa Circle and 220kV Bus at 220kV Pal & Anandnagar substations under Panvel Circle in Vashi Zone ii) 220kV Bus at 220kV Karkamb & Tembhorni substations under Solapur Circle in Pune Zone”
<b>Agenda Point No. 15</b>	Installation of new 1x125MVA, 400kV Bus Reactor with allied bay and replacement of old 2x50MVA, 400kV Line reactors by 2x80MVA, 400kV switchable Line reactors for 400kV Khadka-Koradi & 400kV Kkadka-Akola Lines at 400kv Khadka S/s (Dist. Jalgaon) under Nashik Zone.
<b>Agenda Point No. 16</b>	Implementation of AI Based Comprehensive Infra-Secure Project (Infra Security) for Mahatransco sub-stations.
<b>Agenda Point No. 17</b>	Providing additional 1X100MVA, 220/132kV ICT along with HV & LV Bays with reorientation of 220kV Tower of 220kV Shivajinagar-Malegaon line at 220kV Shivajinagar S/s under EHV (O&M) Division, Dhule.
<b>Agenda Point No. 18</b>	Replacement of 2x100MVA, 220/132kV ICTs by 2X200MVA, 220/132kV ICTs at 220kV Manmad S/s under EHV (O&M) Division, Nashik
<b>Agenda Point No. 19</b>	Addition of 1 x 100 MVA, 220/132 kV ICT along with HV & LV bays, extension of 132 kV Main & Auxiliary Bus and allied civil works at 220 kV Malegaon(Zodga) S/s in EHV (O&M) Division, Akola under EHV PC (O&M) zone, Amravati
<b>Agenda Point No. 20</b>	Addition of 1 X 50MVA, 132/33 kV T/F along with HV and LV bays and allied civil works at 132 kV Amgaon S/s under EHV (O&M) Division Bhandara

Agenda points for 11<sup>th</sup> Maharashtra Transmission Committee (MTC)

<b>Agenda Point No. 21</b>	Addition of 1 X 25 MVA, 132/33 kV T/F along with HV and LV bays, 33kV twin bus extension and completion of existing 2nos of 33kV incomplete bays and allied civil works at 132 kV Lakhandur S/s under EHV (O&M) Division Bhandara
<b>Agenda Point No. 22</b>	Addition of 1 X 50 MVA, 132/33 kV T/F along with HV and LV bays, 132kV Bus extension, reorientation of 33kV PT bay and allied civil works at 132 kV Sakoli S/s under EHV (O&M) Division Bhandara
<b>Agenda Point No. 23</b>	Replacement of existing 2X 25 MVA, 132/33kV T/F by 2X 50 MVA, 132/33kV T/Fs at 132kV Ambhora S/s under EHV (O&M) Division Nagpur
<b>Agenda Point No. 24</b>	Addition of 1 X 25 MVA, 132/33 kV T/F along with HV and LV bays and allied civil works at 132 kV Sengaon S/s under EHV (O&M) Division Parbhani
<b>Agenda Point No. 25</b>	Addition of 1 X 50 MVA, 132/33 kV T/F along with HV and LV bays and allied civil works at 132 kV Hingoli S/s under EHV (O&M) Division Parbhani
<b>Agenda Point No. 26</b>	Addition of 1 X 50 MVA, 132/33 kV T/F along with HV and LV bays and allied civil works at 132 kV Parbhani S/s under EHV (O&M) Division Parbhani
<b>Agenda Point No. 27</b>	Addition of 1 X 25 MVA, 132/33 kV T/F along with HV and LV bays and allied civil works at 132kV Kagzipura S/s
<b>Agenda Point No. 28</b>	Addition of 1 X 25 MVA, 220/33 kV T/F along with HV and LV bays and allied civil works at 220 kV Hingoli S/s under EHV (O&M) Division Parbhani
<b>Agenda Point No. 29</b>	Addition of 1 X 25 MVA, 132/33 kV T/F along with HV and LV bays, 33kV Bus extension and allied civil works at 132 kV Kinwat S/s under EHV (O&M) Division Nanded
<b>Agenda Point No. 30</b>	Providing additional 1X50 MVA, 220/33kV Power Transformer along with HV & LV Bays at 220kV Vita Sub-Station under EHV O&M Division, Sangli
<b>Agenda Point No. 31</b>	Replacement of 1X25 MVA, 132/33kV T/F by 1X50 MVA, 132/33kV T/F at 132kV Kudal Sub-Station under EHV O&M Division, Ratnagiri

Agenda points for 11<sup>th</sup> Maharashtra Transmission Committee (MTC) meeting

<b>Agenda Point No. 32</b>	Replacement of 2X25 MVA, 110/33kV T/Fs by 2X50 MVA, 132-110/33kV T/Fs at 110kV Dighanchi Sub-Station under EHV O&M Division, Sangli
<b>Agenda Point No. 33</b>	Replacement of 2X25 MVA, 132/33kV T/Fs by 2X50 MVA, 132-110/33kV T/Fs at 132kV Kundal Sub-Station under EHV O&M Division, Sangli
<b>Agenda Point No. 34</b>	Replacement of 1X25 MVA, 132/33kV T/F by 1X50 MVA, 132-110/33kV T/F at 132kV Wai Sub-Station under EHV O&M Division, Sangli
<b>Agenda Point No. 35</b>	Providing additional 1X50 MVA, 132-110/33kV T/F along with 110kV Bus Extension, HV & LV Bays at 110kV Shirolu Sub-Station under EHV O&M Division, Kolhapur
<b>Agenda Point No. 36</b>	Providing additional 1x50MVA, 132/33kV T/F along with HV & LV Bays at 132kV Sinner Old Substation under EHV O&M Division, Nashik.
<b>Agenda Point No. 37</b>	Providing additional 1x25MVA, 132/33kV T/F along with HV & LV Bays at 132kV Newasa Substation under EHV O&M Division, Babhaleshwar
<b>Agenda Point No. 38</b>	Replacement of existing 1x25MVA 132/33kV T/F by 1x50 MVA 132/33kV T/F at 220kV Manmad Substation under EHV O&M Division, Nashik
<b>Agenda Point No. 39</b>	Providing additional 1x25MVA, 132/33kV T/F along with HV & LV Bays at 132kV Ramache Pimplas substation under EHV O&M Division, Nashik
<b>Agenda Point No. 40</b>	Scheme identified in MSKVY 2.0 for Augmentation of T/F / ICT works in 16 EHV S/s in various Zones of MSETCL ( 132kV Gunj, 132kV AUSA, 132kV Chakur, 132kV Pishor, 220kV Deogaon Rangari, 132kV GCR Parli, 110kV Mayani, 220kV New Satara MIDC, 132kV Talegaon, 132kV Kharada, 132kV Rahuri, 132kV Shrigonda, 220 kV Babhaleshwar, 220kV Kopergaon, 132kV Manegaon, 132kV Mandrup)
<b>Agenda Point No. 41</b>	Establishment of 132/33 kV <b>Sawana</b> s/s at Village Sawna, Tal. Sengaon, Dist. Hingoli
<b>Agenda Point No. 42</b>	Establishment of 220/132/33 kV <b>Bhabhulgaon</b> s/s, Dist. Yawatmal

Agenda points for 11<sup>th</sup> Maharashtra Transmission Committee (MTC)

<b>Agenda Point No. 43</b>	Establishment of 220/132/33kV Substation at <b>Kesurdi MIDC</b> , Tal. Khandala, Dist. Satara
<b>Agenda Point No. 44</b>	Establishment of 220/132 KV <b>Narsi S/S</b> , Dist: Nanded
<b>Agenda Point No. 45</b>	Establishment of 132/33kV s/s <b>Shirsoli</b> , Tal. & Dist.- Jalgaon
<b>Agenda Point No. 46</b>	Establishment of 132/33kV s/s <b>Lavale</b> Dist.-Pune.
<b>Agenda Point No. 47</b>	Establishment of 220/22 kV <b>Talegaon</b> , MIDC Ph-II s/s
<b>Agenda Point No. 48</b>	Establishment of 220/33 kV s/s at <b>Manor</b> , Tal. Palghar, Dist. Palghar
<b>Agenda Point No. 49</b>	Establishment of 132/33 kV Shiradwad S/s.  <i>(Recommended in 10th MTC (Agenda No. AD9). Post recommendation, Cost revised)</i>

**TPC-T**

<b>Agenda Point No. 50</b>	Upgradation and Augmentation of existing 110 kV Powai RSS by creation of 220 kV level: 220 kV AEML Chandivali-TPC-T Powai D/C line
<b>Agenda Point No. 51</b>	Installation of 110 kV /22 kV S/s Kailash Nagar, Wagle Estate, Thane
<b>Agenda Point No. 52</b>	Centralized Grid Connected Battery Energy Storage System (BESS) of 200 MW at Trombay S/s for Grid support in Mumbai Transmission System

**AEML-T**

<b>Agenda Point No. 53</b>	33 kV AIS to GIS at Aarey, Versova and Ghodbunder EHV S/s
<b>Agenda Point No. 54</b>	Augmentation of OH line with HTLS/twin Conductor (DTPS-Boisar-Ghodbunder-Gorai-Versova-Aarey-Borivali OH lines)
<b>Agenda Point No. 55</b>	Augmentation of cable links between AIS & GIS installation AEML at MSETCL-Borivali

Agenda points for 11<sup>th</sup> Maharashtra Transmission Committee (MTC) meeting

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<b>Agenda Point No. 56</b>	Replacement of 220 kV GIS Bays (Tr-5) w.r.t. space constraints and short circuit level issues at Aarey EHV
<b>Agenda Point No. 57</b>	Procurement of critical spare for AEML-T
<b>Agenda Point No. 58</b>	Observation about rise in short circuit level w.r.t. Bus fault at Gorai EHV S/s on 28.05.2024

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