

महापारेषण

MAHARASHTRA STATE ELECTRICITY TRANSMISSION COMPANY LIMITED
(CIN NO U40109MH2005SGC153646)

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MSETCL/CO/STU/Sys/MTC/

Date:

To,
As per mailing list

No-0588

22 JAN 2025

Sub: Agenda points for 12th Maharashtra Transmission Committee (MTC) meeting to be held on Maharashtra State Load Despatch Centre, Airoli

12th Maharashtra Transmission Committee (MTC) meeting will be held on 27 , January, 2025 (Monday), at 11:00 hrs. The meeting will be hosted by MSLDC, Airoli.

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. It is requested to forward the *soft copies of the presentation*, in advance to STU, & present the same in 12th MTC meeting.

The details of coordinating officer & venue for 12th MTC meeting are as follows:

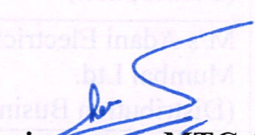
Venue: MSLDC, Thane Belapur Road, P.O. Airoli, Navi Mumbai-400708

Coordinator details:

Name & Designation	Mobile No.
Ashish Karale-EE-2 (Operation), MSLDC	9820255082

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

Agenda points for 12th Maharashtra Transmission Committee (MTC) meeting

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	CESTU@mahatransco.in
2	State Transmission Utility (STU)	Superintending Engineer -STU	Member Convener	sesys@mahatransco.in
3	MSLDC	Chief Engineer-SLDC	Member	cesldc@mahatransco.in
4	MSETCL	Superintending Engineer (O&M)	Member	se1om@mahatransco.in
5	MSEDCL	Chief Engineer (Distribution), CO, Mumbai	Member	cedist@mahadiscom.in
6	MSPGCL	Rahul Sohani (Superintending Engineer)	Member	cegwmahagenco.in, seest1@mahagenco.in
7	Maharashtra eastern grid Power Transmission co ltd	Atul Sadaria	Member	atulj.sadaria@adani.com
8	M/s Adani Electricity Mumbai Ltd. (Transmission Business)	Rakesh Raj (Head Planning – AEML Transmission)	Member	rakesh.raj2@adani.com
9	M/s Tata Power Co. Ltd.- Mumbai-Transmission	Sh. Kiran Desale (Head-Transmission)	Member	desalekv@tatapower.com, gstawre@tatapower.com
10	M/s Central Railway	S.S.Parihar (M Chief Electrical Engineer/Electrical Energy Management/CR)	Member	dyceetrdrly@gmail.com
11	M/s Tata Power Company Ltd. (Distribution)	S. Savarkar	Member	svsavarkar@tatapower.com
12	M/s Adani Electricity Mumbai Ltd. (Distribution Business)	Abaji Naralkar (Asst. Vice President)	Member	abaji.naralkar@adani.com
13	M/s BEST Undertaking	Smt. Manisha Krupanand Daware.Divisional Engineer (Project)	Member	depro@bestundertaking.com

Additional Member:

1	MSETCL	Superintending Engineer (Project Scheme-I)	Member	SE1prj@mahatransco.in
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Annexure-A

Agenda of 12th Maharashtra Transmission Committee Meeting

Date & time : 27 January, 2025 at 11:00 Hrs.

Venue : MSLDC, Thane Belapur Road, P.O. Airoli, Navi Mumbai-400708

Agenda Point No. 1	Confirmation of minutes of the 11 th MTC meeting.
MSETCL	
Agenda Point No. 2	Scheme of enhancement of transformation capacity by replacement of existing 2x25 MVA, 220/33 kV T/Fs by 2x50MVA, 220/33 kV T/Fs at 220 kV Sawangi S/s under EHV (O&M) Circle CSN in EHV PC (O&M) zone, CSN.
Agenda Point No. 3	Scheme of enhancement of transformation capacity by addition of 1x50 MVA, 132/33 kV T/F at 132 kV Majalgaon sub-station in EHV (O&M) Dn., Beed and replacement t of existing 2x25 MVA, 132/33 kV T/Fs by 2x50MVA, 132/33 kV T/Fs at 132 kV Niwali S/s under EHV (O&M) Dn., Latur in EHV PC (O&M) zone, CSN.
Agenda Point No. 4	Scheme of enhancement of transformation capacity by Addition and Replacement of Transformers at 07 No.s of sub-stations under EHV O&M Circle Nashik under EHV PC (O&M) zone, Nashik (132 kV Kalwan, 132 kV Mhasrul, 132 kV Malegaon, 132 kV, Adgaon, 132 kV Taharbad, 132 kV Igatpuri and 132 kV Pimparkhed sub-stations)
Agenda Point No. 5	Establishing a 33 kV voltage level by providing additional 2 x 25 MVA, 220/33 kV transformers, along with 6 x 33 kV bays, 2 x 33 kV PT bays, a 33 kV bus with a bus sectionaliser bay, and a 220 kV bus extension at the 220 kV Warud substation, under the EHV PC O&M zone Amravati
Agenda Point No. 6	Scheme of Installation of new 1x125 MVAR, 400 kV Bus Reactor with allied Bay equipment at 400 kV Waluj sub-station, Dist.- CSN
Agenda Point No. 7	Scheme of installation of new 2x80 MVAR, 400 kV line Reactor for 400 kV Kumbhargaon-Chandrapur Ckt-1 & Ckt-2 line with allied equipment at 400 kV Kumbhargaon sub-station under CSN
Agenda Point No. 8	Scheme of Installation of new 1x125 MVAR, 400 kV Bus Reactor with allied Bay equipment at 400 kV Kudus sub-station under Vashi zone.

Agenda points for 12th Maharashtra Transmission Committee (MTC) meeting

Agenda Point No. 9	Scheme of 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 hardwares & 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.
Agenda Point No. 10	Scheme of replacement of existing Twin 0.5 Moose Conductor, insulators, all accessories and hardwares by equivalent Twin High Performance Conductor along with insulators & suitable hardwares & accessories of 400kV Lonikand to Chakan line (25km) along with associated bay strengthening work at 400kV Lonikand- I & 400kV Chakan substation
Agenda Point No. 11	Scheme of replacement of existing twin 0.5 Moose conductor, insulators, all accessories & hardwares by equivalent new high performance conductor (twin HTLS conductor having current carrying capacity 3000A) along with insulators & suitable hardwares & accessories of 400 kV Talegaon (PG) to Lonikand- I line (42.57 km) (for MSETCL portion only) along with associated bay strengthening work at 400kV Lonikand -I substation under Pune Zone
Agenda Point No. 12	Replacement of existing 0.2 ACSR Panther conductor along with hardwares, insulator strings by HTLS conductor of 132kV Pandharpur-Utopian-Welspun-Mangalwedha & 132kV Pandharpur-Nimboli- Mangalwedha lines along with associated 132kV bay strengthening work under EHV O&M Division, Solapur
Agenda Point No. 13	Providing additional 1x50 MVA, 220/22kV T/F along with HV GIS Bay & LV Bays at 220kV Hinjewadi-II S/s under Pune zone.
Agenda Point No. 14	Replacement of 3x50 MVA, 220/22kV T/Fs by 3x100 MVA, 220/22kV T/Fs, 3x22kV Incomer GIS Bays, 2x22kV Bus section GIS bays, 12x22kV GIS Feeder bays at 220kV Telco S/s under Pune zone.
Agenda Point No. 15	Replacement of 1x10 MVA, 132/22kV T/F by 1x25 MVA, 132/22kV T/F at 132kV Bhatghar S/s under Pune zone.
Agenda Point No. 16	Upgradation of voltage level from 22kV level to 33kV Level by replacement of 2X50MVA, 132/22kV T/Fs by 2X50MVA, 132/33kV T/Fs at 132kV Baramati S/s under Pune Zone
Agenda Point No. 17	Replacement of existing 2 x 25MVA, 132/33kV T/Fs by 2 X 50 MVA, 132/33kV T/Fs at 132kV Shaha S/s under EHV O&M Division Nashik

Agenda points for 12th Maharashtra Transmission Committee (MTC)

Agenda Point No. 18	Conversion of existing 400 kV Kalwa - Padghe Ckt-I & II SCSC line to DCDC by using Twin HPC conductor.
Agenda Point No. 19	Construction of LILO on 100 kV Mohane - Amberath Line at 220 kV Jambhul Substation.
Agenda Point No. 20	Establishment of 400 kV Kalwa GIS S/s. in the premises of existing 400 kV Kalwa, Airoli, Dist. Thane <i>(The committee recommended the scheme in 4th MTC dated 01st August 2022 (Agenda No. No. 5) However due to revised cost of due to consideration of one half breaker in GIS, cost is revised as 876.70 Cr.)</i>
Agenda Point No. 21	132 kV level creation / ICT addition at 220/33 kV Patoda Substation, LILO on 132 kV Kharda - Ashti line at 220 kV Patoda Substation - 30 km with end bays & 132 kV Patoda -Raimoha SCDC line – 23.6 km with end bays. <i>(The committee recommended the scheme in 10th MTC dated 10th July 2024 (Agenda No. AD13) However due to revised cost of ICT & consideration of M/C narrow based towers ,cost is revised as 91.82 Cr.)</i>
Agenda Point No. 22	Establishment of 220/132/33kV Substation along with associated EHV lines at Kesurdi MIDC, Tal. Khandala, Dist. Satara <i>(The committee recommended the scheme in 11th MTC dated 16th October 2024 (Agenda No. 43) However due to consideration of 100 MVA, 220/33-22 kV T/Fs (Dual ratio) dual LV , cost is revised as 214.414 Cr.)</i>
Agenda Point No. 23	Establishment of 220/22KV Suraksha Smart City GIS Substation at Rajavali ,Vasai (East), Tal-Vasai , Dist- Palghar <i>(The committee recommended the scheme in 10th MTC dated 10th July 2024 (Agenda No. AD12) However due to revised cost of ICT & consideration of M/C narrow based towers ,cost is revised as 146.61 Cr.)</i>

Agenda points for 12th Maharashtra Transmission Committee (MTC) meeting

Agenda Point No. 24	Conversion of 110 kV SCSC link from 220/110 kV Oglewadi S/s to 110 kV Borgaon S/s
Agenda Point No. 25	construction 132 kV DCDC link line by making LILO of one circuit of 132 kV Amalner (220 kV Amalner-II s/s) to Nardane to one circuit of 132 kV Amalner (132 kV Amalner-I s/s) to Parola line
Agenda Point No. 26	Establishment of 220/132 kV Waghdari Substation along with associated lines <i>(The committee recommended the scheme in 10th MTC dated 10th July 2024 (Agenda No. AD6) However due to change in conductor for LILO portion of 220 kV line from 0.4 Z ACSR Zebra to 525 sq.mm HPC conductor along with Hardwares, cost is revised as 229.11 Cr.)</i>

TPC-T

Agenda Point No. 27	Augmentation of source and transformation capacity of existing 110 kV Powai station & up gradation of 110 kV system to 220 kV
Agenda Point No. 28	New 22 kV/33 kV bus extension for Discom outlet requirement at Versova, Saki, Panvel, Carnac, Kalyan, Dharavi, Trombay, Vikhroli, Kurla, Malad RSS.
Agenda Point No. 29	MV AIS switchgear conversion with GIS at Salsette, Borivali, Mankhurd

AEML-T

Agenda Point No. 30	1000 MW HVDC (VSC based) Kudus-Aarey scheme (Pole-2)
Agenda Point No. 31	400 kV Chandivali scheme (400 kV U/G S/C cable link between Vikhroli S/s- Chandivali S/s)
Agenda Point No. 32	Observation about rise in short circuit level w.r.t. recent faults in AEML-T Network.