

महापारेषण

MAHARASHTRA STATE ELECTRICITY TRANSMISSION COMPANY LIMITED
(CIN NO U40109MH2005SGC153646)

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MSETCL/CO/STU/Sys/MTC/

№- 4303

Date:

To,
As per mailing list

7 JUL 2024

Sub: Agenda points for 10th Maharashtra Transmission Committee (MTC) meeting to be held on 10 July, 2024.

10th Maharashtra Transmission Committee (MTC) meeting will be held on **10 July, 2024 (Wednesday), at 11:00 hrs.** The meeting will be hosted by Maharashtra State Load Despatch Centre.

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 10th MTC meeting.

The details of coordinating officer & venue for 10th MTC meeting are as follows:


Venue: Maharashtra State Load Despatch Centre, Thane-Belapur Road, Airoli

Coordinator details:

Name & Designation	Mobile No.
Girish Pantoji (SE-Operation, MSLDC, Kalwa)	+919822414154

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 10th 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	SLDC	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	cegw@mahagenco.in, seest1@mahagenco.in
7	Maharashtra eastern grid Power Transmission co ltd	Atul Sadaria	Member	atulj.sadaria@adani.com
8	Adani Electricity Mumbai Ltd. (Transmission Business)	Rakesh Raj (Head Planning – AEML Transmission)	Member	rakesh.raj2@adani.com
9	Tata Power Co. Ltd.-Mumbai-Transmission	Sh. Kiran Desale (Head-Transmission)	Member	desalekv@tatapower.com, gstawre@tatapower.com
10	Central Railway	S.S.Parihar (M Chief Electrical Engineer/Electrical Energy Management/CR)	Member	dyceetrderly@gmail.com
11	M/s Tata Power Company Ltd. (Distribution)	S. Savarkar	Member	svsavarkar@tatapower.com
12	Adani Electricity Mumbai Ltd. (Distribution Business)	Abaji Naralkar (Asst. Vice President)	Member	abaji.naralkar@adani.com
13	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 10th Maharashtra Transmission Committee Meeting

Date & time : 10 July, 2024 at 11:00 Hrs.

Venue : Maharashtra State Load Despatch Centre, Thane-Belapur Road, Airoli

Agenda Point No. 1	Confirmation of minutes of the 9 th MTC meeting.
MSETCL	
Agenda Point No. 2	Replacement of 2x100 MVA, 220/132kV ICTs by 2x200 MVA, 220/132kV ICTs at 220kV Alephata Sub-Station under EHV O&M Division, Manchar
Agenda Point No. 3	Providing additional 1X50 MVA 220/33kV T/F alongwith HV & LV bays at 220 kV Badnera S/S under EHV O&M Division Amravati
Agenda Point No. 4	Providing additional 1X25 MVA 132/33kV T/F alongwith HV & LV bays at 132kV Digras S/s under EHV O&M Division Yavatmal
Agenda Point No. 5	Replacement of 2x25 MVA, 132/33kV power transformers with 2x50MVA, 132/33kV power transformers' at 132kV Pandharkawada S/Stn under EHV O&M Division, Yavatmal
Agenda Point No. 6	Providing additional 1X25 MVA 132/33kV T/F alongwith HV & LV bays at 132kV Karanja S/s under EHV O&M Division Akola
Agenda Point No. 7	Providing additional 1X50 MVA 132/33kV T/F alongwith HV & LV bays at 132kV Malegaon S/s under EHV O&M Division Akola
Agenda Point No. 8	Providing additional 1X25 MVA 132/33kV T/F alongwith HV & LV bays at 132kV Mangrulpir S/s under EHV O&M Division Akola
Agenda Point No. 9	Replacement of 2X25 MVA, 132/33kV T/Fs by 2X50MVA, 132/33kV T/Fs alongwith HV & LV bays at 132kV Dusarbid S/S under EHV O&M Division Buldhana
Agenda Point No. 10	Providing additional 1X25 MVA 132/33kV T/F alongwith HV & LV bays at 132kV Buldhana S/s under EHV O&M Division Buldhana
Agenda Point No. 11	Providing additional 1X50MVA 132/33kV T/F alongwith HV & LV bays at 132kV Khamgaon S/s under EHV O&M Division Buldhana

Agenda points for 10th Maharashtra Transmission Committee (MTC) meeting

Agenda Point No. 12	Providing additional 1X50 MVA 220/33kV T/F alongwith HV & LV bays at 220kV Chikhali S/s under EHV O&M Division Buldhana
Agenda Point No. 13	Providing additional 1X50 MVA 132/33kV T/F alongwith HV & LV bays at 132kV Mehkar S/s under EHV O&M Division Buldhana
Agenda Point No. 14	x. Replacement of existing 2X25 MVA, 220/33kV T/Fs by 2X50 MVA, 220/33kV T/Fs at 220 kV Dhamangaon S/s under EHV (O&M) Division Amravati
Agenda Point No. 15	Replacement of existing 3X105 MVA, 400/220/33kV ICT by 3X167 MVA, 400/220/33kV ICT along with replacement of spare 1X105 MVA, 400/220/33kV ICT unit by 1X167 MVA, 400/220/33 kV ICT unit at 400/220/33kV ICT at 400kV Akola S/s under EHV PC (O&M) zone, Amravati
Agenda Point No. 16	Providing additional 3X167 MVA 400/220/33kV ICT along with HV & LV bays at 400 kV Jejuri S/s under Pune Zone
Agenda Point No. 17	Providing additional 1x50MVA, 220/33kV T/F along with HV & LV Bays at 220kV Jejuri S/s under EHV (O&M) Division, Baramati.
Agenda Point No. 18	Providing additional 1X25MVA, 132/33kV T/F along with HV & LV Bays and shifting of 33kV PT-I bay at 132kV Someshwarnagar S/s under EHV (O&M) Division Baramati
Agenda Point No. 19	Providing additional 1X50 MVA, 132/33kV T/F along with bus extension and HV & LV Bays at 132kV Ranwad Sub-Station under EHV (O&M) Division, Nashik
Agenda Point No. 20	Providing additional 1X50 MVA, 132/33kV T/F along with HV & LV Bays at 132kV Shevgaon Sub-Station under EHV (O&M) Division, Babhaleshwar
Agenda Point No. 21	Providing additional 1X50 MVA, 132/33kV T/F along with HV & LV Bays at 132kV Wadzire Sub-Station under EHV (O&M) Division, Babhaleshwar.
Agenda Point No. 22	Providing additional 1X50 MVA, 132/33kV T/F along with HV & LV Bays at 132kV Karjat Sub-Station under EHV (O&M) Division, Babhaleshwar.
Agenda Point No. 23	Replacement of existing 2x25MVA 132/33kV T/Fs by 2x50 MVA 132/33kV T/Fs at 132kV Chandwad Substation under EHV O&M Division, Nashik
Agenda Point No. 24	Providing additional 2X50MVA, 220/22kV T/Fs along with HV & LV Bays, 12 Nos. of 22kV GIS Bays, 2 Nos. of PT GIS Bays, 1 No. of 22kV Bus sectionalizer GIS Bay, 1 No. of Bus PT and allied civil works at 220kV Century Enka S/s under Pune Zone
Agenda Point No. 25	Replacement of existing 80MVA, 220/132kV ICT by 100MVA, 220/132kV ICT at 220kV Hinganghat S/s under EHV O&M Division Nagpur

Agenda points for 9th Maharashtra Transmission Committee (MTC)

Agenda Point No. 26	Replacement of of existing 50MVA, 220/132kV ICT by 100MVA, 220/132kV ICT at 220kV Gadchiroli S/s under EHV O&M Division Ballarshah
Agenda Point No. 27	Replacement of existing 2 X (200-100) MVA, 220/132 kV ICTs at 220kV Butibori S/s under EHV (O&M) Division Nagpur
Agenda Point No. 28	Addition of 1 X 25 MVA, 220/33 kV T/F along with HV and LV bays, conversion of 33kV bus into twin bus by 0.4 twin conductor and 33 kV Bus sectionaliser at 220 kV Umred S/s under EHV (O&M) Division Nagpur
Agenda Point No. 29	Addition of 1 X 50 MVA, 132/33 kV T/F along with HV and LV bays and allied civil works at 132kV Mouda S/s under EHV (O&M) Division Nagpur
Agenda Point No. 30	Replacement of existing 2 X 25 MVA, 220/33 kV T/Fs by 2 X 50 MVA, 220/33 kV T/Fs at 220kV Kanhan S/s under EHV (O&M) Division Nagpur
Agenda Point No. 31	Additional 50MVA,132/33kV T/F alongwith HV & LV bays, conversion of 33kV bus into twin twin bus and 33 kV Bus sectionaliser at 132kV Saoner S/s under EHV O&M Division Nagpur
Agenda Point No. 32	Replacement of existing 2X25MVA, 132/33kV T/Fs by 2X50MVA, 132/33kV T/Fs at 132kV Seloo S/s under EHV O&M Division Wardha
Agenda Point No. 33	Replacement of old existing 0.4 ACSR conductor by High Performance Conductor (HPC) along with suitable hardware, accessories for 220 kV Chinchwad-2-Chakan Line and 220 kV Bhosari 1-Chakan Line along with strengthening of bays at 220 kV Chinchwad-2, 400 kV Chakan and 220 kV Bhosari-I S/Stn by replacement of 0.4ACSR single conductor by HPC & allied equipment, hardware under EHV O&M Division, Pimpri Chinchwad, Pune
Agenda Point No. 34	Replacement of existing twin conductor, insulators, all accessories & hardwares by High Ampacity twin HPC conductor equivalent to 0.5 Moose conductor along with insulators & suitable hardwares & accessories of 400 kV Talegaon (PG) to Chakan line (17.8km) along with associated bay strengthening work at 400 kV Chakan R.S. under Pune Zone
Agenda Point No. 35	Accord of Administrative Approval for the scheme of Second Circuit Stringing on a) 132kV Mandrup – Karajgi, b) 132kV Akkalkot – Karajgi, c) 132kV Jeur-Parewadi d) 220 kV Lamboti- Vairag SCDC lines along with construction of associated end bays under Pune zone
Agenda Point No. 36	Replacement of old existing 0.4 deer ACSR conductor by equivalent CCC HTLS conductor along with suitable hardware, accessories, porcelein long rod insulator

Agenda points for 10th Maharashtra Transmission Committee (MTC) meeting

	and equipment for 220kV GCR (Eklahare) - Babbleshwar Ckt-1 (Line length - 83.57km) & Ckt-2 (Line length -83.57km) along with end bay work at 220kV GCR SS & 400kV Babbleshwar SS under EHV PC O & M Zone, Nashik
Agenda Point No. 37	Scheme of replacement of old existing 0.4 ACSR conductor by High Performance Conductor (CCC type HTLS conductor) along with suitable hardware, accessories of 220kV Bhosari-I- Bhosari-II, 220kV Bhosari-II-Telco, 220kV Bhosari-I- Century Enka, 220kV Century Enka-Khadki, 220kV Khadki-VSNL, 220kV VSNL- Lonikand-II & 220kV Bhosari-I-Lonikand-II lines along with strengthening of bays at respective substation & allied equipment, hardware under EHV O&M Circle, Pune
Agenda Point No. 38	Scheme for: 1) Work of replacement of existing 0.4 ACSR Conductor by equivalent High-Performance conductor of 220KV Kalwa-Colorchem, 220kv Kalwa-Temghar & 220kv Colorchem-Temghar Line under EHV O&M Division Kalwa under EHV O&M Circle Kalwa. 2) Bay strengthening work of 220Kv Temghar - Kalwa, 220KV Temghar – Colourchem line and 220kV Kalwa- Temghar bays at 220/22 kv Temghar substation, 220kV Colorchem Substation, 400kV Kalwa Substation and 220kV Kalwa Substation under EHV O&M Circle Kalwa.
Agenda Point No. 39	Replacement of existing 0.5 ACSR Twin Moose Conductor along with insulators & hardwares by Twin High-Performance conductor equivalent to 0.5 ACSR Moose Conductor & allied hardwares & insulators of 400KV Babhaleshwar-Padghe ckt 1 & 2 along with bay strengthening at Padghe & Babhaleshwar s/s under Vashi & Nashik Zone respectively
Agenda Point No. 40	“Replacement of existing 0.2 ACSR 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

Agenda points for 9th Maharashtra Transmission Committee (MTC)

Agenda Point No. 41	Scheme for DSITC of SDC/ RTU for the visibility of 250 nos. of MSETCL sub stations to SLDC & ALDC
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TPC-T	
Agenda Point No. 42	Enhancing Transmission network reliability by Loop in Loop out of 220 kV Kalwa Salsette 5 line at MSETCL Bhandup S/s.
Agenda Point No. 43	Upgradation of existing 110 kV Khopoli Karanjade corridor by replacing existing conductor by higher capacity conductor along with Tower.
Agenda Point No. 44	Upgradation and augmentation of Transformation capacity at Dharavi S/s and Carnac S/s by installation of additional Transformers. 125 MVA, 110 kV/33 kV/22 kV Transformer (Dharavi) 125 MVA, 220 kV/33 kV/22 kV Transformer (Carnac)
Agenda Point No. 45	Source Augmentation of 110 kV Mankhurd S/s with construction of additional 110 kV Tombay Mankhurd line by utilizing existing corridor.
Agenda Point No. 46	Augmentation and strengthening of 110 kV Bhira Khopoli Corridor by construction of additional 110 kV Bhira Khopoli Line.
Agenda Point No. 47	Installation of Static Synchronous Compensator (STATCOM) for Reactive Compensation and Voltage Regulation at Kalyan S/s, Dharavi S/s, Parel S/s, Saki S/s and Trombay S/s.

STU	
Agenda Point No. 48	10 Year Projected STU Plan- (FY 2024-25 to FY 2033-34- Maharashtra State) STU <i>In view of the Compliance to Electricity Act, Regulations the, State Transmission Utility (STU) has prepared the Short term(3 years), Medium Term(5 years) and long term (10 years) Transmission Plan for MSETCL and Mumbai (2024-25 to 2033-34)</i>

Points for discussion:

- MOU for O&M of 2 Nos. 400 kV Kharghar Bays of KVTPL.
For Routine O&M, of KVTPL constructed 2 Nos. 400 kV Bays at Kharghar, KVTPL has proposed @ 1% of the bay capital cost with 0% escalation every year.