

MAHARASHTRA STATE ELECTRICITY TRANSMISSION CO.LTD.
CIN NO. U40109MH2005SGC153646

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Ref. No. ED/MSLDC/OP/GCC/

No 0 2 2 4 0

Date: **21 DEC 2023**

To,
As per mailing list GCC Core Group Members.

Sub: - Minutes of the 8th Grid Coordination Committee (GCC) Meeting held on 04.12.2023 at 16:00 hrs. at MSLDC, Airoli.

Ref.: 1. MOM Circulated vide MSLDC/TECH/OP/GCC/303 Dated. 28.02.2023.
2. T.O.L. No. ED/MSLDC/OP/GCC/730 dated 03.05.2023.

Dear Sir,

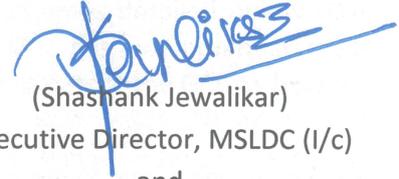
In reference to the above subject, the 8th Grid Co-ordination Committee (GCC) was convened on 04.12.2023 at 16:00 hrs. at MSLDC, Airoli.

The Minutes of Meeting is enclosed herewith.

Thanking you.

With regards,

Encl: As above.


(Shashank Jewalikar)
Executive Director, MSLDC (I/c)

and
Member Convenor of GCC

Copy s.w.r.s. to:

The Director (Operations), Corporate Office, MSETCL, Mumbai.

Copy to:

- The Chief Engineer (STU), Corporate Office, MSETCL, Mumbai.
- The Chief Engineer (ACI&P), Corporate Office, MSETCL, Mumbai.
- The Chief Engineer (SLDC), Airoli, Navi Mumbai.

Mailing List of GCC Core Group Members:

Sr. No.	Name of Organization	Name of Nominee/Designation	Committee Position	Contact No.	E-mail ID
1	MSETCL	Shri Sandeep Kalantri, Director (Operations) (I/c)	Chairperson	022- 26592162	dirop@mahatransco.in
2	MSEDCL	Shri. Yogesh Gadkari Director (Commercial)	Member	022- 26474211 / 26472131	directorcommsedcl@gmail.com
3	MSETCL	Shri. Rohidas Mhaske, Executive Director (Trans)	Member	7447441000	edtrans@mahatransco.in
4	MSPGCL	Shri Girish Kumawar CE(Works)	Member	8411958588	cegw@mahagenco.in
5	WRPC	Shri P. D. Lone, S.E. Commercial	Member	9867622823	comml-wrpc@nic.in
6	MEDA	Shri Manoj Pise, General Manager (Co-ordination)	Member	9422319093	nodalofficer@mahaurja.com
7	MSLDC	Shashank Jewalikar Executive Director (SLDC) (I/c)	Member Convener	022- 27301931	edmsebholding@gmail.com

**Minutes of the 8th Grid Co-ordination Committee meeting held on
04th December' 2023 at 16:00 Hrs. at MSLDC, Airoli.**

The 8th Grid Co-ordination Committee (GCC) meeting of the Core Group was convened on 04.12.2023 at 16:00 hrs at MSLDC, Airoli. The meeting was convened physically as well as through Video conferencing. The list of members/participants is enclosed as per **ANNEXURE - A**.

The Executive Director, MSLDC & Member Convener of GCC welcomed all the GCC members and other participants in the 8th GCC Meeting.

With the permission of the Chair, the discussions of the 8th GCC Core Committee commenced as below....

1. Confirmation of the Minutes of the 7th GCC Meeting held on 11.05.2023 through Video Conferencing & physically.

The Member Convener of GCC informed that the minutes of the 7th GCC meeting held on 11.05.2023 were circulated to all the members vide Letter No. MOM Circulated vide MSLDC/TECH/OP/GCC/946 Dated. 06.06.2023. However, no comments are received from members and hence, the same may please be confirmed in this meeting.

GCC confirmed the MoM of the 7th GCC Meeting.

2. **Discussion & finalization of various Transmission Schemes approved in the MTC Meeting for inclusion in STU Five Year Plan.**

The Member Convener of GCC requested the Chief Engineer (STU) to brief various transmission schemes before the GCC.

The Chief Engineer (STU) informed that various transmission schemes detailed below have been discussed in detail in the 7th and 8th MTC Meeting and the MTC has recommended these schemes for consideration of GCC. He further briefed each scheme before the GCC as below:

- 2.1 Scheme for Second Circuit Stringing 220kV Badnera-Ner Line along with 01x220kV end bay each at 220kV Badnera & Ner S/S under EHV PC O & M Zone, Amravati

With due deliberations, GCC ratified the scheme for inclusion in STU Five year plan for implementation.

- 2.2. Scheme for Second Circuit on existing 220 kV Lamboti- Vairag SCDC line under EHV PC O & M Zone, Pune.

With due deliberations, GCC ratified the scheme for inclusion in STU Five year plan for implementation.

2.3 Scheme of Supply, Installation, Testing and commissioning of new 5x50MVA, 400kV Line Reactors against replacement of old 5x50MVA, 400kV Line Reactors at 400kV Girwali S/s end under Aurangabad Zone.

With due deliberations, GCC ratified the scheme for inclusion in STU Five year plan for implementation.

2.4 Scheme for Procurement of Remote Airborne Inspection & Scanning System (RAISS) along with all the required accessories for Asset Monitoring.

With due deliberations, GCC ratified the scheme for inclusion in STU Five year plan for implementation.

2.5. Scheme of Procurement & Installation of CCTV (Centralized Visual Advance Monitoring System CVAMS) at various critical 220 kV S/s & 400 kV Karjat S/s in MSETCL.

With due deliberations, GCC ratified the scheme for inclusion in STU Five year plan for implementation.

2.6 Augmentation of Substation by replacement of existing 2X25MVA, 132/33kV T/Fs by 2X50MVA, 132/33kV T/Fs at 132kV Bharsingi S/s.

With due deliberations, GCC ratified the scheme for inclusion in STU Five year plan for implementation.

2.7 Augmentation of S/stns by additional 1x50MVA, 132/33kV T/F at 132kV Ambad S/s.

With due deliberations, GCC ratified the scheme for inclusion in STU Five year plan for implementation.

2.8 Providing additional 1x50 MVA, 132/33kV Transformer along with HV & LV bay132kV Paithan Substation under EHV O&M Division, Aurangabad.

With due deliberations, GCC ratified the scheme for inclusion in STU Five year plan for implementation.

2.9 Replacement of existing 2x25 MVA, 132/33kV Transformers by 2x50 MVA, 132/33kV Transformers at 132kV Ardhapur Substation under EHV O&M Division, Nanded.

With due deliberations, GCC ratified the scheme for inclusion in STU Five year plan for implementation.

2.10 Providing additional 1X50 MVA, 220/33 kV T/F along with HV & LV Bays at 220kV Chitegaon S/s under EHV O&M Circle Aurangabad.

With due deliberations, GCC ratified the scheme for inclusion in STU Five year plan for implementation.

2.11 Providing additional 1X50 MVA, 220/33 kV T/F along with HV & LV Bays at 220kV Shendra S/s under EHV O&M Circle Aurangabad.

With due deliberations, GCC ratified the scheme for inclusion in STU Five year plan for implementation.

2.12 Providing additional 1X50 MVA, 220/22 kV T/F along with HV & LV Bays and 5 nos. of feeder bays at 400/220kV Chakan S/s under 400kV R.S. Division, Chakan

With due deliberations, GCC ratified the scheme for inclusion in STU Five year plan for implementation.

2.13 Providing additional 1X50 MVA, 220/33 kV T/F along with HV & LV Bays and 4 nos. of feeder bays at 220kV Bridgestone S/s under EHV O&M Div. Manchar.

With due deliberations, GCC ratified the scheme for inclusion in STU Five year plan for implementation.

2.14 Providing additional 1X50 MVA, 220/22 kV T/F along with HV & LV Bays and 220kV Bus sectionalizer at 220kV Pirangut S/s under EHV O&M Div. II Pune.

With due deliberations, GCC ratified the scheme for inclusion in STU Five year plan for implementation.

2.15 Providing additional 1X50 MVA, 220/22 kV T/F along with HV & LV Bays including allied TAMS work at 220kV Ranjangaon S/s.

With due deliberations, GCC ratified the scheme for inclusion in STU Five year plan for implementation.

2.16 Replacement of existing 2x25MVA, 132/33kV T/Fs by 2x50MVA, 132/33kV T/Fs at 132kV Karajgi S/s under EHV O&M Dn. Solapur.

With due deliberations, GCC ratified the scheme for inclusion in STU Five-year plan for implementation.

2.17 Providing additional 1X50 MVA, 132/22 kV T/F along with HV & LV Bays, 22kV PT Bay, 132kV Hybrid GIS line bay at 132kV Rahatani S/s under EHV O&M Div. Pimpri-Chinchwad.

With due deliberations, GCC ratified the establishing of 400kV station at Dharavi for inclusion in STU Five-year plan for implementation.

2.18 Replacement of 3x105MVA, 400/220/33kV ICT by 3x167MVA, 400/220/33kV ICT at 400kV Kharghar S/s under Vashi Zone.

With due deliberations, GCC ratified the scheme for inclusion in STU Five-year plan for implementation.

2.19 Augmentation of substation by addition of 3x167MVA, 400/220/33kV ICT along with HV & LV bays, 400kV GIS bus coupler bay and allied civil works 400kV Lonikand-1 substation under Pune Zone.

With due deliberations, GCC ratified the scheme for inclusion in STU Five-year plan for implementation.

2.20 Augmentation of substation by replacement of existing 1X25MVA, 110/33kV T/F by 1X50MVA, 110/33kV T/F at 110kV Jaysingpur S/s under EHV (O&M) Division, Kolhapur in Karad zone.

With due deliberations, GCC ratified the scheme for inclusion in STU Five-year plan for implementation.

2.21 Providing additional 25 MVA, 132-110/33kV T/F along with HV & LV Bay with allied civil works at 110kV Kurundwad S/s, under EHV O&M Division Kolhapur.

With due deliberations, GCC ratified the scheme for inclusion in STU Five-year plan for implementation.

2.22 Establishment of new 33kV level by providing additional 2X25MVA, 220/33kV T/Fs alongwith HV & LV bays, 6X33kV feeder bays, 2X33kV PT bays, 1X33kV Bus Sectionalizer and 1x5MVA, 33kV Capacitor Bank Bay at 220kV Georai S/s under Chhatrapati Sambhajnagar Zone.

With due deliberations, GCC ratified the scheme for inclusion in STU Five-year plan for implementation.

2.23 Establishment of 220/132/33 kV Supa MIDC s/s, Dist – Ahmednagar-Modification thereof.

With due deliberations, GCC ratified the scheme for inclusion in STU Five-year plan for implementation.

2.24 Construction of 220kV Koradi-II to Mankapur D/C (O/H+U/G) line.

With due deliberations, GCC ratified the scheme for inclusion in STU Five-year plan for implementation.

2.25 Construction of 220kV Talegaon PG – Chakan Phase II DC line.

With due deliberations, GCC ratified the scheme for inclusion in STU Five-year plan for implementation.

2.26 Establishment of 220/33 kV Bidkin GIS s/s, Tal. Paithan, Dist. Aurangabad.

With due deliberations, GCC ratified the scheme for inclusion in STU Five-year plan for implementation.

2.27 Establishment of 220/132 kV Nandurbar (Bhaler) s/s, Dist.-Nandurbar.

With due deliberations, GCC ratified the scheme for inclusion in STU Five-year plan for implementation.

2.28 LILO on 220 kV Chinchwad-Telco line at 400/220kV Chakan S/S.

With due deliberations, GCC ratified the scheme for inclusion in STU Five-year plan for implementation.

2.29 Establishment of 132/33kV substation at Navapur, Dist: Nandurbar.

With due deliberations, GCC ratified the scheme for inclusion in STU Five-year plan for implementation.

2.30 Procurement of 4 Nos. of van mounted underground EHV cable fault locator system to detect & locate the fault in underground cable in MSETCL upto 400KV level.

With due deliberations, GCC ratified the scheme for inclusion in STU Five-year plan for implementation.

2.31 Scheme of Augmentation by providing additional 3x500MVA, 765/400/33kV ICT with HV and IV bays along with 400kV Interconnection line between ICT-III IV side to 400kV Bus at 765kV R.S. Ektuni in Aurangabad zone.

With due deliberations, GCC ratified the scheme for inclusion in STU Five-year plan for implementation.

2.32 Scheme of Augmentation by providing Additional 1x100MVA, 220/132kV ICT along with HV & LV bays and allied civil works at 220kV Malkapur (Dharangaon) S/s under EHV O&M division, Buldhana in Amravati Zone.

With due deliberations, GCC ratified the scheme for inclusion in STU Five-year plan for implementation.

2.33 Scheme of Augmentation by providing Additional 1x25MVA, 132/33kV T/F along with HV & LV bays and 33kV PT bay at 132kV Arni S/s under EHV O&M division, Yavatmal in Amravati Zone.

With due deliberations, GCC ratified the scheme for inclusion in STU Five-year plan for implementation.

2.34 Scheme of Augmentation by providing Additional 1x50MVA, 220/33kV T/F along with HV & LV bays at 220kV Kekatnimbhora S/s under Bhusawal Circle in Nashik Zone.

With due deliberations, GCC ratified the scheme for inclusion in STU Five-year plan for implementation.

2.35 Scheme of Augmentation by providing Additional 1x50MVA, 220/33kV T/F along with HV & LV bays at 220kV Satana S/s under Nashik Circle in Nashik Zone.

With due deliberations, GCC ratified the scheme for inclusion in STU Five-year plan for implementation.

2.36 Scheme of Augmentation by addition of 3X167 MVA, 400/220/33kV ICT-4 with extension of RRS upto existing 167MVA, 400/220/33kV Spare ICT-2 at 400kV R.S. Dhule under Nashik zone.

With due deliberations, GCC ratified the scheme for inclusion in STU Five-year plan for implementation.

2.37 Scheme for Augmentation by providing additional 50 MVA, 132/33 kV T/F along with HV & LV Bays with 33kV Bus extension at 132 kV Mohol substation under EHV (O&M) Division, Solapur in Pune zone.

With due deliberations, GCC ratified the scheme for inclusion in STU Five-year plan for implementation.

2.38 Scheme of Augmentation by providing additional 3X167MVA, 400/220/33kV ICT-IV along with spare ICT unit and HV & LV Bays at 400kV Kharghar S/s under Panvel Circle in Vashi Zone.

With due deliberations, GCC ratified the scheme for inclusion in STU Five-year plan for implementation.

2.39 Scheme of Second Circuit Stringing on a) 132kV Gangapur-Vaijapur, b) 132kV Jalna(old)-Partur, c) 132kV Jalkot - Udgir, d) 132kV Nilanga - Omerga, e) 132kV Georai(220kV s/s) - Mahakala, f) 132kV Bhokar - Tamsa & g) 132kV Bhokar - Himayatnagar SCDC lines along with construction of associated end bays under Aurangabad zone.

With due deliberations, GCC ratified the scheme for inclusion in STU Five-year plan for implementation.

2.40 Scheme for second circuit stringing on various EHV lines under Karad zone.

With due deliberations, GCC ratified the scheme for inclusion in STU Five-year plan for implementation.

2.41 Scheme for work of LILO arrangement of 132kV Deepnagar-Muktainagar line along with 132kV bays at Varangaon substation under EHV O&M Dn. Jalgaon under EHV O&M Circle, Bhusawal.

With due deliberations, GCC ratified the scheme for inclusion in STU Five-year plan for implementation.

2.42 Second circuit stringing along with end bays in r/o o (i) 132 kV Bambhori-Erondol Line -26.77 ckm. (ii) 132 kV Alephata-Ghargaon -30.82 ckm. (iii) 132 kV Dondaicha-Shirpur line- 53ckm. (iv) 220 kV Gangapur-Valve line 12 ckm. under EHV PC O&M Zone Nashik.

With due deliberations, GCC ratified the scheme for inclusion in STU Five-year plan for implementation.

2.43 Second circuit stringing in r/o (i) 132 KV Katol – Warud line (42.2KM) along with end bays & PT bay under EHV O&M Division, Nagpur. (ii) 132kV Ashti – Alapalli line (63.7KM) along with end bays under EHV O&M Division, Ballarshah.

With due deliberations, GCC ratified the scheme for inclusion in STU Five-year plan for implementation.

2.44 The scheme of Design, Supply, Installation, Testing and Commissioning of Capacitor banks of voltage ratings of 11kV, 22kV, 33kV, 100kV, 132kV & 220kV at various EHV substations under Nashik, Pune and Vashi Zone under Phase-VI.

With due deliberations, GCC ratified the scheme for inclusion in STU Five-year plan for implementation.

2.45 Scheme of procurement of 03 Nos. of Power Transformers and 02 Nos of ICTs as emergency/critical spares for Vashi Zone by keeping aside the spare policy in view of criticality of Vashi Zone.

With due deliberations, GCC ratified the scheme for inclusion in STU Five-year plan for implementation.

2.46 Scheme of Supply, Installation, Testing & Commissioning of new 400kV, 125MVAR Bus Reactor at 400kV R S New Koyna S/s.

With due deliberations, GCC ratified the scheme for inclusion in STU Five-year plan for implementation.

2.47 Scheme of procurement of 12 Nos of 25MVA, 132/11kV & 02 nos. of 25MVA, 110/11kV EHV Power Transformers having 11kV Secondary voltage as emergency /critical spares for all zones of MSETCL.

With due deliberations, GCC ratified the scheme for inclusion in STU Five-year plan for implementation.

2.48 Establishment of 132/33kV substation at Fulsawangi, Dist: Yavatmal under EHV O&M circle Amaravati.

With due deliberations, GCC ratified the scheme for inclusion in STU Five-year plan for implementation.

2.49 Establishment of 400/220 kV Nandagaon Peth Substation and associated Lines, District Amravati under EHV O&M Circle Amravati.

With due deliberations, GCC ratified the scheme for inclusion in STU Five-year plan for implementation.

3. Additional point raised with the permission of the chair.

3.1 Upgradation of 110 kV Kalyan RSS (TPC-T) to 220 kV with connectivity to 220kV PAL S/S (MSETCL)".

Construction of 220 kV Multi Circuit (M/C) Transmission towers on 110 kV Kalwa Kalyan line existing corridor @ 24 km.

Installation and commissioning of 220 kV, 07 bay GIS at Kalyan with associated PAC.

Installation and commissioning of 2 X 250 MVA, 220 kV / 110 kV ICTs with 02 nos. of 110 kV bays.

Installation and commissioning of 02 nos. of 220 kV bays at PAL with associated PAC.

With due deliberations, GCC ratified the scheme for inclusion in STU Five-year plan for implementation.

The meeting concluded with vote of thanks.

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Annexure A

List of participants for 8th GCC meeting held on 04.12.2023

Sr no	Name of member	Designation	Committee position
1	Shri Sandeep Kalantri,	Director (Operations) (I/c), MSETCL	Chairperson
2	Shri. Rohidas Mhaske	Executive Director (Trans)	Member
3	Shri Girish Kumarwar	CE (Works), MSPGCL	Member
4	Shri P. D. Lone,	S.E. Commercial, WRPC	Member
5	Shri Manoj Pise,	General Manager (Co-ordination), MEDA	Member
6	Shri Shashank Jewalikar	Executive Director (SLDC) (I/c)	Member Convener
7	Shri Mahesh Bhagwat	Chief Engineer, MSLDC	---
8	Shri Manoj Reddy	Assistant Director, WRPC	---
9	Shri Peeyush Sharma	Chief Engineer, STU	---
10	Shri Amit Naik	Superintending Engineer, STU	---
11	Shri S.R.Patil	Superintending Engineer, MSEDCL	---
12	Shri R.K.Tiwari	Executive Engineer, MSPGCL	---
13	Shri Girish Pantoji	Superintending Engineer (Op), MSLDC	---
14	Mrs N.A.Doye	Addl. Executive Engineer (Op), MSLDC	---