

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

 <p>RIGHT TO INFORMATION</p>	<p><b>Office of the Executive Director</b> Office Address: Thane-Belapur Road, P.O. Airoli, Navi Mumbai - 400708 Contact No: (O) 022-2760 1765, 1766, 1931, 2937, (Fax) 022-2659 0808 Email id: <a href="mailto:edmsebholding@gmail.com">edmsebholding@gmail.com</a> Website: <a href="http://www.mahaslde.in">http://www.mahaslde.in</a></p>
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Ref. No. ED/MSLDC/OP/GCC/ **No 0 1 6 8 4**

Date: **27 SEP 2022**

**To,**  
**As per mailing list GCC Core Group Members.**

**Sub:** - Minutes of the 5<sup>th</sup> Grid Coordination Committee (GCC) Meeting scheduled on 21.09.2022 at 11:30 hrs at MSLDC, Airoli.

**Ref.:** 1. T.O. Letter No. ED/MSLDC/OP/1558 dtd. 02.09.2022.  
2. T.O. Letter No. ED/MSLDC/OP/GCC/1621 dated 15.09.2022.

Dear Sir,

In reference to the above subject, the 5<sup>th</sup> Grid Co-ordination Committee (GCC) was convened on 21.09.2022 at 11:30 hrs at MSLDC, Airoli.

The Minutes of Meeting is enclosed herewith for your perusal.

Thanking you.

With regards,

Encl: As above.



(Shrikant Jaltare)  
Executive Director, MSLDC  
and  
Member Convenor of GCC

**Copy s.w.r.s. to:**

The Director (Operations), Corporate Office, MSETCL, 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 A.V. Kolap, Director (Operations)	Chairperson	022- 26592162	<a href="mailto:dirop@mahatransco.in">dirop@mahatransco.in</a>
2	MSPGCL	Shri Girish Kumarwar CE(Works)	Member	8411958588	<a href="mailto:cegwmahagenco.in">cegwmahagenco.in</a> <a href="mailto:cegtpsuran@mahagenco.in">cegtpsuran@mahagenco.in</a>
3	MSEDCL	Shri. Murahari Kele Director (Commercial)	Member	022- 26474211 / 26472131	<a href="mailto:directorcommsedcl@gmail.com">directorcommsedcl@gmail.com</a>
4	MSETCL	Shri. Rohidas Mhaske, Executive Director (Trans)	Member	9769509020	<a href="mailto:edtrans@mahatransco.in">edtrans@mahatransco.in</a>
5	WRPC	Shri P. D. Lone, S.E. Commercial	Member	9867622823	<a href="mailto:commml-wrpc@nic.in">commml-wrpc@nic.in</a>
6	MEDA	Shri Manoj Pise, General Manager (Co- ordination)	Member	9422319093	<a href="mailto:pg1@mahurja.com">pg1@mahurja.com</a> <a href="mailto:nodalofficer@mahaurja.com">nodalofficer@mahaurja.com</a>
7	MSLDC	Shrikant Jaltare Executive Director (SLDC)	Member Convener	022- 27301931	<a href="mailto:edmsebholding@gmail.com">edmsebholding@gmail.com</a>

S. V. M. L.  
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**Minutes of the 5<sup>th</sup> Grid Co-ordination Committee Core Group meeting  
convened on 21<sup>st</sup> September' 2022 at 11:30 Hrs at MSLDC, Airoli.**

The 5<sup>th</sup> Grid Co-ordination Committee (GCC) meeting of the Core Group was convened on 21.09.2022 at 11:30 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 5<sup>th</sup> GCC Meeting. He informed that GCC under the chairmanship of Shri. Anil Kolap, Director (Operations-MSETCL), has ratified various procedures prepared under MEGC, 2020 and the same have been implemented in the State. Further, various issues regarding Grid Operation in the State have been addressed effectively on GCC platform. Now, in this 5<sup>th</sup> GCC meeting, 6 Nos. of new procedures/Guidelines mandated under MEGC, 2020 have been put forth for ratification which shall be issued for implementation after due deliberations & consent of the GCC.

The Director (Operations) MSETCL & the Chairman of GCC, in his opening remarks expressed that with the help of all the members, GCC is able to deal with various responsibilities entrusted by MEGC, 2020.

With the permission of the Chair, the discussions of the 5<sup>th</sup> GCC Core Committee commenced as below....

1. Confirmation of the Minutes of the 4<sup>th</sup> GCC Meeting held on 04.05.2022 through Video Conferencing & physically.

The Member Convenor of GCC informed that the minutes of the 4<sup>th</sup> GCC meeting held on 04.05.2022 were circulated to all the members vide Letter No. ED/MSLDC/OP/GCC/1018, dated 07.07.2022. However, no comments have been received from members and hence, the same may please be confirmed in this meeting.

*GCC confirmed the MoM of the 4<sup>th</sup> GCC Meeting.*

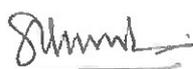
2. **Discussion and finalization of various procedures developed in accordance with the provisions of MEGC, 2020:**

- 2.1. **Discussion and finalization of "Draft procedure on Load Curtailment"**

The Member Convenor of GCC requested the Superintending Engineer (Operation), MSLDC to brief the said procedure before the GCC.

The Superintending Engineer (Operation), MSLDC, informed that as per Regulation No. 28.2 of MEGC-2020, SLDC, has developed the "**Draft procedure on Load Curtailment**". On dated 19.07.2022, said procedure was circulated among various stake holders in the State for seeking their comments/suggestions. Accordingly, comments/suggestions of AEML, BEST, GEPL, MBPPL, KRCIPPL, TPCL were received.

Subsequently, in the 4<sup>th</sup> OCC meeting held on 29.08.2022, the said draft procedure along with comments was discussed. After due deliberations and taking various

  
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comments in to consideration, OCC has recommended the modified procedure for ratification of the GCC.

The Chairman of GCC opined that MSEDCL is the major distribution license in the State having largest demand and requested the Chief Engineer (PP), MSEDCL, to offer comments on the draft procedure as their comments were not received within the time period prescribed by MSLDC and before OCC.

The Chief Engineer (PP), MSEDCL, informed that:

- a) The procedure needs to be formulated in line with the guidelines issued by Hon'ble MERC towards load curtailment.
- b) As 4 distinct groups have been formed, there is a possibility of overlapping of loads.
- c) To avoid communication delay while implementing curtailment, instructions need to be passed on to nodal sub-stations of MSETCL, which will in turn pass further instructions to Nodal substations of MSEDCL.

In this respect, the Member Convenor of GCC informed that the procedure developed by MSLDC is generic one and it is the responsibility of each Discom to formulate detailed procedure suitable to them so that curtailment instruction issued by MSLDC can be implemented for grid security.

Further, clause no. 5.5 of the procedure will be redrafted accordingly to avoid overlapping.

The Chairman of GCC raised serious concern about large quantum of over-drawl by MSEDCL in recent 2-3 months. In spite of repeated communications made by MSLDC as well as by himself, the scenario had persisted for long period. Due to persistent over-drawl from ISTS, WRLDC is opening important ISTS connected lines as a penal action, which has very serious impact on the State Grid. Under such conditions, it is the responsibility of MSEDCL to adhere to the drawl schedules and avoid over-drawl from the grid by curtailing load. Further, the load curtailment plan should be readily available with the MSEDCL Load Management Cell and the officers shall take immediate action on the instructions of MSLDC in the interest of stable & secure operation of the Grid.

Superintending Engineer (Operation), MSLDC, informed that if instructions of MSLDC are not followed and required load relief is not given then, it will become necessary to issue instructions to MSETCL Sub-stations for opening of 33 kV or 22 kV feeders emanating from MSETCL Sub-stations. In such case, there are chances of disconnection of important loads feeding Critical loads viz. Hospitals, Govt. Offices, etc. Hence, to avoid such issue, real time instructions given by MSLDC need to be implemented by MSEDCL scrupulously.

Also, the Nodals at MSETCL Substations are not operational at most of the places due to implementation of the revised staff set-up. The matter was previously discussed in the 4<sup>th</sup> GCC meeting. The Member convenor opined that operation of these nodals is very much essential for immediate implementation of various instructions of MSLDC including load curtailment from the point of view of grid security.

The Chairman of GCC directed the Chief Engineer (MSLDC) to submit a letter to the Director (Operations), MSETCL, for operationalizing the Nodal sub-stations at all zones quoting the recommendations of GCC so that the matter can be taken up with the Competent Authority regarding staff set-up issue.

*After due deliberations, GCC ratified the "Procedure on Load Curtailment".*

  
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*GCC requested the Executive Director (MSLDC) to circulate the procedure to all the stakeholders for implementation with copy to Hon'ble MERC for information as per the directions given in MEGC, 2020. Also, the procedure should be uploaded on MSLDC website.*

2.2. Discussion and finalization of “Draft Planned Outage Management in Mumbai and MMR Region”

The Superintending Engineer (Operation), MSLDC, informed that on the backdrop of the power failure in South Mumbai on 27.02.2022 and as per the directives issued in the 3<sup>rd</sup> State OCC meeting held on 02.05.2022, MSLDC has developed the draft “**Planned Outage Management in Mumbai and MMR Region**” procedure in accordance with the provisions of Regulation No. 28.2 of MEGC-2020. Accordingly, in the 4<sup>th</sup> OCC meeting held on 29.08.2022, the said draft procedure was discussed and OCC has recommended the procedure for adoption in the GCC.

The Chairman of the GCC requested to provide important aspects considered in the draft procedure.

Accordingly, the Superintending Engineer (Operation), MSLDC, elaborated that:

- a) Group comprising of nodal officers from each Transmission & Distribution Licensee in MMR & Mumbai area has been proposed.
- b) All the month-ahead outages in MMR & Mumbai area will be discussed in the meeting based on nature & importance of the work and outages approved.
- c) Only approved outages will be permitted for availment during the month. In case of any emergency outages or prevailing system conditions, the approved outages will be re-scheduled at another suitable date within the same month.
- d) This procedure has been already implemented on trial basis since last 3 months and month-ahead outages are processed in these meetings. Based on the trial implementation, all the stake holders are getting outage in planned manner.

The Chairman of the GCC appreciated the procedure developed by MSLDC and opined that with this procedure, Outage management process will be more streamlined thereby avoiding any major occurrences.

The Chief Engineer (PP), MSEDCL, opined that the list of approved month-ahead outages may be shared to MSEDCL for power planning in case of requirement of load curtailment in MMR area under contingencies to ensure proper power purchase planning. The GCC took a note of the same and directed the Chief Engineer (MSLDC) to share the list regularly to MSEDCL Load Management Cell.

*After due deliberations, GCC ratified the “Planned Outage Management in Mumbai and MMR Region”.*

*GCC requested the Executive Director (MSLDC) to circulate the procedure to all the stakeholders for implementation with copy to Hon'ble MERC for information as per the directions given in MEGC, 2020. Also, the procedure should be uploaded on MSLDC website.*

2.3. Discussion and finalization of “Draft Procedure for relieving congestion in the InSTS”

  
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The Member convenor of GCC informed that as per Regulation No. 44.1 of MEGC-2020, STU in consultation with SLDC, shall develop **“Procedure for relieving congestion in the InSTS” which shall be ratified by GCC**. Since, this procedure is not routed through any other functional committee under GCC, in depth discussion is required at GCC forum.

The Superintending Engineer (Operation), MSLDC, informed that the draft procedure has been developed jointly by STU & MSLDC and the same was published on Website for seeking Stakeholders comments/suggestions on 01.02.2022. The comments from TPC-D and AEML have been received. It has been suggested that some of the definitions mentioned in the draft need to be modified. However, these definitions are as per various Regulations of Hon’ble CERC & Hon’ble MERC. Hence, it is not appropriate to change the same. Further, TPC-D has proposed mechanism for recovery of congestion charges in Mumbai area.

Detailed discussions were held regarding mechanism proposed for recovery of congestion charges. In this respect, the Executive Director (MSLDC), informed that a series of discussions have been held in the DSM Working Group meetings for addressing the various possibilities for recovery of charges under ‘VSE’ mechanism. Further, Hon’ble MERC, vide its order dated 02.08.2022, has already accepted the Option-1 currently exercised by MSLDC for ‘VSE’. Further Commission has directed, MSLDC to implement Option-2 and Option-3 of sharing charges on trial basis with the permission of MSPC and submit the report. In this respect, MSLDC is carrying out study for implementation of remaining two options and once study is completed, the same will be put-up before MSPC for implementation on trial basis.

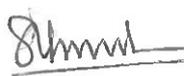
As such, GCC opined that the MSLDC shall complete the work of study of Option-2 & 3 and take-up the matter with MSPC at the earliest.

*After due deliberations, GCC ratified the “Procedure for relieving congestion in the InSTS”.*

*GCC requested the Executive Director (MSLDC) to circulate the procedure to all the stakeholders for implementation with copy to Hon’ble MERC for information as per the directions given in MEGC, 2020. Also, the procedure should be uploaded on MSLDC website.*

- 2.4. Discussion and finalization of “Draft Procedure for Testing and Maintenance of Communication Network Security System”  
and
- 2.5. Discussion & finalization of “Draft Procedure on Centralized supervision for quick Fault Detection and Restoration.”  
and
- 2.6. Discussion & finalization of “Draft Guidelines on Availability of Communication System”

The Chief Engineer (ACI&P), MSETCL informed that as per Regulation No. 59.2, 65.1 (b) & 65.1 (c) of MEGC-2020, STU has prepared above procedures. The draft procedure has been discussed in the MCCC meeting and MCCC has recommended to submit these procedures to GCC for further ratification.

  
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The Chairman of GCC asked whether stakeholders consultation has been sought for these draft procedures and whether comments/suggestions have been considered in the draft.

The Chief Engineer (ACI&P), MSETCL informed that the stake holders consultation was sought and the suggestions have been discussed in the MCCC meetings and incorporated in the draft procedures.

***After due deliberations, GCC ratified the “Procedure for Testing and Maintenance of Communication Network Security System”, “Procedure on Centralized supervision for quick Fault Detection and Restoration” and “Guidelines on Availability of Communication System”***

***GCC requested the Chief Engineer (ACI&P), MSETCL to circulate the procedure to all the stakeholders for implementation with copy to Hon’ble MERC for information as per the directions given in MEGC, 2020. Also, the procedure should be uploaded on MSETCL & STU website.***

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

The Chief Engineer (STU), informed that various transmission schemes have been discussed in detail in MTC Meetings and the MTC has recommended these schemes for consideration of GCC.

The Chief Engineer (Works), MSPGCL, asked whether any scheme is rejected or deferred in the MTC or all schemes are approved. The Chief Engineer (STU), informed that only 3-4 schemes have been deferred in the MTC due to requirement of additional information & justifications.

The Member Convenor of GCC enquired as to whether any difference of opinion was there amongst various stake holders on the sanction of schemes. On this, the Chief Engineer (STU) informed that all schemes have been finalized unanimously in MTC.

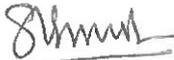
The Chairman of GCC asked whether STU has prioritized any schemes based on its importance for Mumbai, enhancement of ATC of State, reliability, etc. The Chief Engineer (STU) informed that all these schemes are beneficial for the grid and need to be implemented on priority.

**With due deliberations, GCC ratified following schemes for inclusion in STU Five year plan for implementation:**

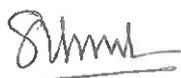
- 3.1. Establishment of 400 kV Velgaon (Boisar) GIS s/s, Dist. Palghar.
- 3.2. Establishment of 132/33 kV s/s at Ida, Tal.- Bhoom, Dist.-Osmanabad.
- 3.3. Establishment of 132/33 kV sub-station at Samudral, Tal.- Lohara, Dist.-Osmanabad.
- 3.4. Establishment of 220/33kV Deosane substation, Tal. Dindori, Dist. Nashik.
- 3.5. Installation of 3rd Transformer 220/22kV 50MVA at proposed 220kV Chikhaldongri GIS s/s, Dist-Palghar
- 3.6. Establishment of 132/33 kV sub-station at Navapur, Dist.-Nandurbar.
- 3.7. Replacement of existing 0.4 ASCR Zebra Conductor by HTLS conductor along with necessary hardwares of 220kV Talangade-Tilwani ckt I & II under EHV O & M Division, Kolhapur.

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- 3.8. Scheme of replacement of existing 0.35 ACSR Sheep Conductor by equivalent HTLS conductor and replacement of existing suspension tower by 30° Tension tower at Loc. No. 626 & 632, along with additional 1 No. of tower between. Loc. 638-639 for height rising & replacement of 2 Nos. of tower at Loc. No. 648 -649 of 220kV Apta - Talolja, 220kV Apta-Kalwa and 220kV Kalwa-Talolja Line under EHV PC O&M Zone Vashi
- 3.9. Replacement of existing old 0.4 ACSR by HTLS for 220kV Padghe-Pal, Padghe-Jambhul, Jambhul-Anandnagar line under EHV O & M Circle, Panvel.
- 3.10. Scheme for replacement of old existing 0.2 ACSR Panther conductor by equivalent CCC HTLS conductor along with suitable hardware, accessories and porcelain long rod insulator for 132kV Eklahare OCR-Satpur line (ckt Kms= 20.941.kms) under EHV O & M Division, Nashik under EHV O & M Circle, Nashik.
- 3.11. Replacement of old 0.4 ACSR Deer ACSR Conductor by equivalent CCC HTLS conductor along with suitable hardware, accessories and porcelain long rod insulator for 220kV Dhule-Malegaon line (Ckt km = 80.5 kms) under EHV O & M Division, Nashik.
- 3.12. Replacement of existing 0.4 Deer/Zebra ACSR Conductor by new CCC type HTLS conductor and allied work for 220kV Parvati-Phursungi EHV line and required bay strengthening work at respective EHV SS under EHV O & M Division-I, Pune
- 3.13. Replacement of existing 0.4 ACSR Zebra Conductor by High Ampacity CCC Type conductor of 220kV PG- Nalasopara & 220kV Padghe-Nalasopara lines under Vashi zone.
- 3.14. Scheme for replacement of old 0.2 ACSR Panther conductor by CCC type HTLS conductor along with all required hardwares, accessories of 132kV Dhule- Sakri line and 132kV Sakri- Shivajinagar ckt-I & II along with replacement of EHV equipments (compatible to HTLS conductor) at corresponding 132kV end bay at 132kV Sakri, 220kV Shivajinagar and 220kV Dhule substation under EHV O&M Circle, Dhule.
- 3.15. Scheme of replacement of existing 0.2 ACSR Conductor along with Hardware by High Ampacity Conductor in respect of 132kV Jalna - Jalna MIDC (via Rajur Circuit II) and 132kV Nagewadi -Jalna MIDC lines under EHV O & M Division, Jalna.
- 3.16. Replacement of 110 kV and 22 kV AIS bays with GIS bays at 110 kV Parel RSS
- 3.17. Interconnection between 220 kV TPC-T Waghivali Station and 220 kV MSETCL Waghivali Station
- 3.18. MV AIS switchgear replacement by GIS at Salsette, Chembur, Saki, Ambernath, Borivali.
- 3.19. Replacement of 220KV Trombay-Carnac-5 & 6 oil filled cable with XLPE cable.
- 3.20. Replacement of 110KV Trombay Parel 3 & Trombay Carnac 3 oil filled cable with XLPE cable.
- 3.21. Providing additional 1X25 MVA, 132/33 kV T/F along with HV & LV Bays at 132kV Nardana S/s under E HV (O&M) Circle, Bhusawal
- 3.22. Providing additional 1X50 MVA, 132/33 kV T/F along with HV & LV Bays at 132kV Khandke S/s under EHV (O&M) Circle, Nashik.
- 3.23. Providing additional 1X50 MVA, 132/33 kV T/F along with HV & LV Bays at 132kV Ghodegaon S/s EHV (O&M) Circle, Nashik. under Nasik Zone.

  
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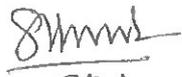
- 3.24. Providing additional 25 MVA, 220/33 kV T/F along with HV & LV Bays at 220kV Raymond S/s under EHV (O&M) Circle, Nashik.
- 3.25. Replacement of 3X50MVA, 220/22kV T/Fs by 3X80MVA, 220/22kV T/Fs alongwith 3nos. of LV incomer bay equipment at 220kV Telco S/s under Pune zone.
- 3.26. Addition of 1X50MVA, 132/33kV T/F along with HV & LV bays at 132kV Sanaswadi S/s. under Pune zone.
- 3.27. Replacement of 2X25MVA, 220/33kV T/Fs by 2X50MVA, 220/33kV T/Fs at 220kV Vairag S/s. under Pune zone.
- 3.28. Replacement of 1X25MVA, 220/33kV T/F by 1X50MVA, 220/33kV T/F at 220kV Bhigwan S/s under Pune zone.
- 3.29. Replacement of 1X100MVA 220/132kV ICT by 1X200MVA 220/132kV ICT at 220kV Jeur S/s under Pune Zone.
- 3.30. Replacement of existing 0.5 ACSR conductor with suitable HTLS conductor of 400KV Chandrapur GCR-I Chandrapur-II Ckt I&II under HVDC TL O&M Division Chandrapur.
- 3.31. Scheme for strengthening of 220kV GIS Bhandup-Mulund, 220kV GIS Bhandup-Borivali line bays and Bus coupler bay & providing one additional 220kV spare bay at 220kV GIS Bhandup Substation under EHV(O&M) Dn., Bhandup under jurisdiction of EHV(O&M) Circle, Kalwa.
- 3.32. Replacement of old 0.35 ACSR Sheep Conductor with new 0.4 ACSR Zebra conductor and existing suspension tower with 30° Cut point towers of 220kV Kandalgaon-ONGC-Vilebhagad- Topworth D/C line under jurisdiction of EHV (O&M) Panvel & Mahad divisions and Height raising by new D/C narrow base tower from Loc.No. 637 to 647 in Vichumbe & New Panvel area of 220kV Kandalgaon-ONGC-Vilebhagad - Topworth D/C line under jurisdiction of EHV (O&M) Division Panvel under EHV (O&M) Circle, Panvel.
- 3.33. Replacement of existing 0.2 ACSR Panther conductor by equivalent CCC type HTLS conductor along with necessary hardwares of 132 kV Malinagar - Bawada Trunk Line under EHV O&M Division, Baramati under Pune zone.
- 3.34. Replacement of existing 0.2 ACSR Panther conductor by new CCC type HTLS conductor & allied work thereof for 132kV Magarpatta-Mundhwa EHV lines & required bay strengthening work thereof at respective EHV S/s under EHV O&M Division-I, Pune.
- 3.35. Replacement of existing 0.2 ACSR Panther Conductor with 273.6 sq. mm CCC HTLS Casablanca conductor of 100kV Pal Dombivali line no 1&2 under EHV (O&M) Division, Dombivali, EHV (O&M) Circle Panvel.
- 3.36. Establishment of 220 kV Yenwa s/s Dist-Nagpur.
- 3.37. Establishment of 132 kV Karajgaon s/s Dist-Amravati.
- 3.38. Scheme of Design, Supply, Installation and Commissioning of 33kV/22kV/132kV Capacitor banks at various EHV substations under Amravati, Aurangabad, Nashik, Nagpur, Karad and Pune zone under phase-V.
- 3.39. Establishment of VSAT captive hub at SLDC Airoli & backup hub at ALDC Ambazari, Nagpur for 1000 Nos. of VSAT remote nodes at respective EHV substations for real time visibility of RTU/SAS data to SLDC & ALDC along with voice & AMR meter data transmission through this communication network.

  
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- 3.40. Construction of 400kV DC line from 765/400kV PGCIL Shikrapur s/s to 400kV Lonikand II s/s.
- 3.41. Establishment of 132/33 kV Mukutban s/s, Tal. Zari, Dist. Yavatmal.
- 3.42. Establishment of 220/33 kV Shrirampur MIDC s/s Dist-Ahmednagar.
- 3.43. Establishment of 400/220 kV Kalwa GIS-I s/s Dist-Thane.
- 3.44. Establishment of 132/33 kV Nandura s/s Dist-Buldhana.
- 3.45. Establishment of 132/33 kV Sarol s/s, Tal.-Kaij, Dist.- Beed.
- 3.46. Scheme of Augmentation of Substation by providing additional 1X50MVA, 132/33kV T/F along with HV & LV Bay at 132kV Gondia under EHV O&M Div. Bhandara in Nagpur zone
- 3.47. Scheme of Augmentation of Substation by providing additional 1X50MVA, 132/33kV T/F along with HV & LV Bay and 33KV Incomer Bay alongwith 33KV Twin bus conductor at 132KV Hingana-I S/s under Ringmain Division, Nagpur.
- 3.48. Scheme of Augmentation of Substation by providing additional 1X50MVA, 132/33kV T/F along with HV & LV Bay and 33KV Incomer Bay along with 33KV Twin bus conductor at 132KV Hingana-II S/s Ringmain Division, Nagpur.
- 3.49. Scheme of Augmentation of Substation by replacement of existing 2X25MVA, 220/33KV T/F by 2X50MVA, 220/33KV T/F at 220KV Kaulewada S/S under EHV O&M Division Bhandara.
- 3.50. Scheme of Augmentation of Substation by Addition of 3X167 MVA, 400/220/33KV ICT along with HV & LV bays at 400KV Karad S/S.
- 3.51. Scheme of "Replacement of Existing 0.2 ASCR Panther conductor with HTLS conductor of 132kV Harangul-Ausa-Niwali-Ujani Including LILO Portion of Ausa & Niwali & 132kV Ujani-Tuljapur-Naldurg-Bale (Solapur) Including LILO Portion of Tuljapur & Naldurg.
- 3.52. Life Extension scheme for replacement of existing old 0.2 ACSR Panther conductor of 100kVApta – Thal (38Km), 100kV Apta - Jite (13Km), 100kV Jite - Thal (24.16Km) with new 0.2 ACSR Panther conductor under EHV O & M Division, Panvel under Vashi Zone- Revision in scheme thereof.

The meeting concluded with vote of thanks.

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## ANNEXURE - A

<b>5th GCC Core Group Meeting dated 21.09.2022, 11:30 hrs, MSLDC, Airoli.</b>			
<b>Sr. No.</b>	<b>Name of the Member</b>	<b>Designation</b>	<b>Committee Position</b>
1	Shri. Anil Kolap	Director (Operations), MSETCL	Chairman
2	Shri. Rohidas Maske	Executive Director (Trans), MSETCL	Member
3	Shri. Girish Kumarwar	Chief Engineer, MSPGCL	Member
4	Shri. Shrikant Jaltare	Executive Director, MSLDC	Member Convenor
5	Shri. Dinesh Agrawal	Chief Engineer (PP), MSEDCL	---
6	Shri. Sanjeev Bhole	Chief Engineer (STU)	---
7	Shri. Shashank Jewalikar	Chief Engineer (ACI&P), MSETCL	---
8	Mrs. Juelee Wagh	Chief Engineer, MSLDC	---
9	Shri. Deepak Sharma	WRPC (Dy. Director)	---
10	Shri. Mahesh Bhagwat	Superintending Engineer (Operation), MSLDC	---
11	Shri. Amit Naik	Superintending Engineer, STU	---
12	Shri. Gopichand Ghodke	Superintending Engineer (LM), MSEDCL (I/c)	---
13	Shri. Madhav Pande	Executive Engineer (Operation), MSLDC	---
14	Shri. Sachin Lomate	Executive Engineer (REMC-Operation), MSLDC (I/c)	---