

 <p>RIGHT TO INFORMATION</p>	 <p>MAHA TRANS CO Maharashtra State Electricity Transmission Co. Ltd. MAHARASHTRA STATE ELECTRICITY TRANSMISSION CO. LTD. CIN NO. U40109MH2005SGC153646 Maharashtra State Load Dispatch Center Tele :91-022-27601762 (P) Office of The Chief Engineer 91-022-27601931 (O) Extn.1003 Maharashtra State Load Dispatch Center Email : cesldc@mahasldc.in Thane-Belapur Road, P.O. Airoli website : www.mahasldc.in Navi Mumbai Pin – 400 708.</p>	
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Ref. No. ED/MSLDC/OP/GCC/ **No 01579**

Date: **12.3 JUL 2025**

To,
As per mailing list GCC Core Group Members.

Sub: - Agenda for 14th Grid Coordination Committee (GCC) Meeting scheduled on 28.07.2025 at 11:00 hrs. at SLDC, Kalwa.

Ref.: 1. Agenda request vide ED/MSLDC/OP/GCC/1531 date: 17.07.2025
2. MoM Circulated vide MSLDC/TECH/OP/GCC/1265 Dated. 18.06.2025.

Dear Sir,

In reference to the above subject, it is to convey that as per directives from the Director (Operations), MSETCL, Chairman GCC, the 14th meeting of the GCC core group will be held as per following: -

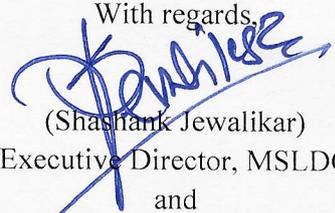
Date of Meeting: 28.07.2025
Time of Meeting: 11:00 hrs.
Venue: 3rd Floor Conference Hall, SLDC, Kalwa.

The agenda for the said meeting is attached herewith.

It is requested to kindly make it convenient to attend the meeting physically. However, in case of any work exigencies, meeting may be attended through V.C for which the link will be shared separately.

Thanking you.

Encl: As above.

With regards,

(Shashank Jewalikar)
Executive Director, MSLDC
and
Member Convenor of GCC

Copy s.w.r. 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 Satish Chavan, Director (Operations)	Chairperson	022- 26492162	dirop@mahatransco.in
2	MSEDCL	Shri. Yogesh Gadkari Director (Commercial)	Member	022- 26474211 / 26472131	directorcommsedcl@gmail.com
3	MSLDC	Shashank Jewalikar Executive Director (SLDC)	Member Convener	022- 27301931	edsldc@mahatransco.in edsldc@mahasldc.in
4	MSETCL	Shri. Mahendra Walke (Chief Engineer Tr. O & M)	Member	9769213955	ceom@mahatransco.in
5	MSPGCL	Shri. Anil Kathoye CE (Works)	Member	022-6942200 69843434 Ext. 3419	cegw@mahagenco.in
6	WRPC	Shri P. D. Lone, S.E. Commercial	Member	9867622823	comm1-wrpc@nic.in
7	MEDA	Shri Manoj Pise, General Manager	Member	9422319093	gmr@mahaurja.com

Agenda for 14th Grid Co-ordination Committee meeting scheduled on 28th July 2025 at 11:00 Hrs. at SLDC, Kalwa.

Agenda Points: -

Item No.1

- 1.1 Confirmation of the Minutes of the 13th GCC Meeting held on 22.04.2025
- 1.2 Presentation on Maharashtra System Grid performance for the period from **January 2025 to May 2025**

Item No.2: MSLDC Agenda:

2.1 Compliance Status & action required towards the CEA Compliance (Technical Standards for Connectivity to the Grid) (Amendment) Regulations, 2019.

In accordance with the CEA (Technical Standards for Connectivity to the Grid) Regulations, 2007 & subsequent amendments in year 2019, all the Wind & Solar Generators & Developers are mandated to comply with the provisions of these regulations. Further, vide letter cited u/r. 2, CEA has mandated all RE Developers to comply these regulations.

According to these regulations, submission of Simulation Study report along with PSSE & PSCAD files prior to synchronization of the generation is one of the compliance. In this respect, vide notification dated 15.06.2023, MSLDC has also requested all the RE Generators & Developers to adhere to the CEA Regulations and submit compliances to MSLDC.

Thus, during submission of application for seeking Synchronization permission, the generator/developer is required to submit the Simulation study report in line with CEA regulations. However, Developers/Generators are submitting undertaking stating that the report will be submitted within 6 months with the reason that STU has not informed about such compliance in the Grid connectivity Letter. Accordingly, synchronization permissions are processed considering undertaking submitted by the Developers/Generators.

The compliance towards CEA Regulations is tabulated below:

Sr. No.	Particulars	Nos.	Capacity (MW)
A	Undertaking submitted	42	2276.5
1	Study report submitted within timelines	17	1613.5
2	Notices issued to the Developers/Generators which have not submitted Simulation Study reports	23	593.5
3	Study Report Received after notice	2	69.5
4	Developers/Generators requested for time extension	3	136
5	Developers/Generators not given any response	18	388

Out of 23 No. of Developers/Generators to whom notices have been issued, 3 No. of Developers/Generators of capacity 136 MW has requested to permit time extension till 30-08-2025, 30-11-2025 & 31-12-2025 stating reason that the Invertors used are old & the PSSE/PSCAD models of such invertors is not available. Further, they have taken up this issue with OEMs & have received confirmation that the same will be provided by the OEM.

In this respect, the regulation 12 of the said CEA regulations is reproduced below:

“12. Compliance of regulations.- (1) The licensee shall ensure that before connectivity to the grid, all the provisions with regard to the connectivity specified under these regulations are complied with by the requester.

(2) Before allowing connectivity to the requester, the compliance of the provisions laid down under sub-regulations (2), (3) and (5) of regulation 6 shall be verified by the licensee and the verification of compliance of provisions of other regulations shall be in the form of self-declaration in the proforma of connection agreement which shall be checked and verified by the concerned licensee on sample basis.

(3) The user may be disconnected from the Grid by the licensee for non-compliance of any provision of these regulations and any non-compliance of the provisions of these regulations shall be reported by the licensee or the State Load Dispatch Centre or the Regional Load Dispatch Centre, as the case may be, to the appropriate Commission”.

Further, As per Compliance of CEA (Technical Standards for Connectivity to the Grid) Regulations-2019

- The RE generator shall submit the ‘Benchmarking report’ depicting performance comparison of actual test report Vs PSSE & PSCAD simulation report.
- Also, it is mandatory to carry out the Power Quality Test reports (Harmonics content , DC injection, Flicker) on yearly basis and Assessment report shall be submitted on an annual basis post commissioning of plant.
- Post commissioning of the complete RE plant, the response of models (RMS & EMT both) shall be validated against field measurement/on-site test results and validate models with validation report shall be submitted within 3 months of the complete commissioning the RE Plant.

However, RE Generators & Developers are not complying above provisions also.

Hence, MSLDC is of the view that:

- a) RE Generator/Developer should submit the simulation study report along with required data to STU & MSLDC prior to seeking Final Grid Connectivity.
- b) If Final Grid Connectivity is issued without receipt of the simulation study report along with required data based on undertaking, if the RE Generator/Developer fails to submit the same within committed timelines, the said project should be disconnected from the Grid.
- c) If any RE Generator/Developer fails to carry out physical Power Quality tests through third party & submit reports along with benchmarking report, action as per the said CEA regulations for non-compliance should be initiated.

Members may like to discuss.

2.2 Implementation of the MoP Bundling Scheme in the State as per the directives of Hon'ble MERC vide its order dated 04.02.2025 in case no. 246 of 2023 – Group report thereof.

As per Minutes of the 12th Grid Coordination Committee (GCC) Meeting held on 25.03.2025:

To undertake a detailed study for exploring implementation of the MoP Bundling Scheme in the State as per the directives of Hon'ble MERC vide its order dated 04.02.2025 in case no. 246 of 2023.

MSLDC representative informed that Captive Power Producers Association had filed Petition before Hon'ble MERC for seeking humble indulgence to exercise its powers to remove difficulties in implementation of the provisions of the various MERC Regulations in line with the National Wind-Solar Hybrid Scheme, 2018 and the 'Scheme for flexibility in generation and scheduling of Thermal/Hydro power stations through bundling with Renewable Energy and Storage Power, 2022 ("MoP Bundling Scheme"); and Hon'ble MERC has given the directives as below:

1. Grid Co-ordination Committee is directed to undertake a detailed study for exploring implementation of the MoP Bundling Scheme in the State.

2. Grid Co-ordination Committee may take inputs from the Grid Controller of India and Central Electricity Authority regarding experiences of the scheme implementation at the national level and regarding operationalization of the scheme in the State.

3. Grid Co-ordination Committee shall undertake deliberations with the stakeholders in the State such as Generating Companies, Distribution Licensees, RE generators, State Transmission Utility etc. on various aspects such as metering, connectivity, scheduling, energy accounting and settlement, DSM accounting, transmission and wheeling charges etc. and submit a draft framework to the Commission covering all relevant aspects including the implementation aspects such as need of new software, metering, communication etc.

4. Grid Co-ordination Committee shall submit the said draft framework to the Commission within six months of this Order, which may be considered by the Commission for initiating the amendments to the existing Regulations or for notifying new Regulations if required.

In this respect, after detailed discussion, it was decided to form a working group to study on the matter as envisaged in MoP Bundling Scheme. The Executive Director (MSLDC) said that a working group to be formed which includes representatives of the major state entities for implementation of the MoP Bundling Scheme in the State. The GCC also asked MSLDC to appoint a regulatory consultant to assist the group.

The working group would consist of:

1. The Chief Engineer, MSLDC – Group Leader
2. Superintending Engineer (EA), MSLDC – Co-Ordinator.
3. The Chief Engineer (STU), MSETCL
4. The Chief Engineer (PP), Power Purchase, MSEDCL
5. Representative of MSPGCL
6. Consultant

The group will also have deliberations with stakeholders and submit preliminary report within one month.

Members may like to discuss.

2.3 Harmonization of gate closure needed for implementing LPS rule section F.

As per minutes of the 10th Grid Coordination Committee (GCC) Meeting held on 23.10.2024;

Difficulties in implementation of LPS Regulation-2022 and its subsequent amendments in the State:

The clauses regarding sale of un-requisitioned power by the generators, to be offered in the market & failing which the penalty is applicable under LPS Rules are mentioned below:

In said rules, in rule 9,- (a) for sub-rule (1), the following sub-rule shall be substituted, namely:- “(1) A distribution licensee shall intimate its schedule for requisitioning power for each day from each generating company with which it has an agreement for purchase of power at least two hours before the end of the time for placing proposals or bids in the day ahead market for that day, failing which the generating company, shall offer, the un-requisitioned surplus power including the power available against the declared capacity of the unit under shut down, in the power exchange, subject to the limitation of ramping and start up capability as specified by the Appropriate Commission: Provided also that if the generating company fails to offer such un-requisitioned surplus power in the power exchange, the un-requisitioned surplus power to the extent not offered in the power exchange up to the declared capacity shall not be considered as available for the payment of fixed charges.”

It is pertinent to note that, there is difference between central and state regulation pertains to timelines of trading and methodology for scheduling. The schedules issued to ISGS generating stations at centre, is based upon requisitions from beneficiaries/buyers, and hence surplus is clearly identified at central level before the trading duration so as seller can sell its un requested power, but the same provision is not available at state level. Further, the requisition-based scheduling methodology is supportive to the trading timelines and procedures at power market. It also needs to be noted that the state LGBR is carried after the market clearance in each time block. These gaps in the processes followed at central level and state level make it difficult to implement the LPS rule. SLDC wishes to bring this difficulty to the notice of GCC as this needs harmonization of state and central regulations as well as the timelines of scheduling operation.

After due deliberation, in the 10th GCC dtd. 23.10.2024, the GCC decided that the issue be discussed with the working group formed by Hon. MERC for studying the harmonization aspects of state DSM regulation with central regulation. Accordingly, the meeting with Working group was held on 04.07.2025.

The following major points were discussed in working group as below: -

1. Principle of Scheduling
2. Alignment of Scheduling timelines
3. Gate closure Harmonization

4. Conflicts in URS Sale Rights
5. Deviation management at state periphery.
6. Modification in Scheduling Software of MSLDC.

GCC will be briefed about this.

Members may like to discuss.

2.4 Review of MEGC :

The **Maharashtra Electricity Grid Code (MEGC) Regulations, 2020**, officially known as the **MERC (State Grid Code) Regulations, 2020**, were issued by the Maharashtra Electricity Regulatory Commission (MERC) to regulate the planning, development, operation, and maintenance of the intra-state transmission system (In-STS).

Formally notified in 2020, these grid code regulations superseded the earlier version issued in September 2019 and are now the operative framework governing Maharashtra's grid operations.

As per clause 6 of MEGC 2020, Grid Code Review

6.1 Implementation aspects of the MEGC shall be reviewed by the GCC at least once in every 12 months or as and when required.

Members may like to discuss.

3. Agenda received from MSPGCL:

3.1 Koyna:

Need for providing reactive compensation for all the reactive power shared by Koyna HPS units during “condenser mode operations” instead of restricting the same only for reactive power shared above 103% or below 97% of standard grid voltage.:

The Koyna units are regularly operated in “Condenser mode” purely as per instructions from SLDC depending on grid voltage requirements.

Implementation of Reactive Energy Accounting Framework for Intra-State Hydro Electric Generating Stations in terms of the applicable provisions of the MERC (State Grid Code) Regulations, 2020 has commenced since 14th March'2022 after MERC notification dated 9th March, 2022.

Since Mar 2022, reactive energy compensation bills are computed by SLDC for the reactive power shared during such period. However, as per prevailing State Grid Regulations, the reactive compensation is restricted only for the reactive energy exchange carried out when the grid voltage is above 103% of standard grid voltage or when grid voltage is below 97% of standard grid voltage. For grid voltage between 97% to 103% of the standard voltage level, **no compensation is paid, even though it is only due to availability of Koyna units in Condenser mode the grid voltage is maintained**

between the normal values, and this condenser mode operation is carried out as per instruction of State Load Dispatch centre only. So obviously the reactive compensation needs to be paid to all the reactive energy shared throughout the Condenser mode operation. Presently MSPGCL is deprived of compensation for around 30% of reactive energy shared, due to provisions for restricting the compensation based on grid voltage. **As the machines are operated in condenser mode with due instructions from SLDC only, it is once again requested to allow the reactive power compensation within the band limit also.**

In the notification dated 9th March, 2022, the Hon’ble Commission has directed following regarding issues arising during implementation of the reactive framework

“20. Any issue arising during implementation of this framework may be taken up in the Grid Coordination Committee formed under the State Grid Code Regulations for assessing and recommending appropriate remedial measures.”

The issue was previously discussed in GCC dated 23.10.2024 and it was in-principle accepted that MSPGCL needs to be compensated for all reactive power sharing during condenser mode operation, irrespective of whether Grid Voltage is below 97% or above 103% of rated voltage. It was also decided to apprise Hon’ble Commission on this for issuing necessary notification. However, it appears that there is no progress yet in this direction.

3.2 Loading of 220 KV Pophali switchyard transmission line beyond its loading capacity.

In the present operational scenario, it has been observed that the 220 kV lines are being subjected to consistently high current loading, which causing frequent breaking of conductor strands, red hot spots & melting of clamps & bolts etc. The present line loading exceeds its rated continuous loading capacity mentioned as below:

Sr. No.	Name of 220 KV line	Line Rated Capacity	Line continuous current carrying capacity	Maximum Line loading observed for 3 to 4 hrs
1	Pophali-Kadalgaon line	600 Amp	300 -500 (Varies as per weather condition such as conductor temperature, wind speed & solar radiation)	660 Amp
2	Pophali-Nerale (Panama) Line	600 Amp		700 Amp
3	Pophali-Pedhambe-I line	600 Amp		650 amp

The events of breakdown occurred in one month are as below:

Sr. No.	Name of 220 KV Line	Remarks
1	PPL- Kandalgaon	Replacement of Y phase conductor from main bus isolator to CT is carried out on dtd.04.06.2025 & 28.06.2025
2	PPL- Nerle	1. Replacement of Y phase conductor from main bus isolator to

		CT carried out on Dtd.23.06.2025, 2. Replacement of Y phase CT to breaker conductor & Y phase CT to line side isolator conductor carried out on Dtd.05.07.2025 3. Replacement of Y phase CT to main bus side isolator work. Bus section-2 tripped due to this fault on Dtd.03.07.2025
3	PPL- P'mbe-I	Replacement of Y phase CT to breaker conductor carried on Dtd.28.06.2025 & 04.07.2025

From the above event record it is observed that, **total 9 failure events occurred within one month** of June 2025. This matter needs to be taken seriously.

3.3 Ghatghar :-

Schedule for Ghatghar operation in pumping mode during solar hours.
Preference to be given to pumping of Ghatghar.

Ghatghar Hydro station operation in pumping mode issue due to Low line voltage received.

3.4 Bidirectional (uneven) scheduling for all TPS creating thermal stress and unstable operation. (ramp setting)

3.5 Hydro EHV switchyard handing over to MSETCL.

3.6 The daily Ex-Bus AMR Energy Meter day-end Readings of all Thermal, Gas, Koyna, Ghatghar, Bhira etc. (Import/Export) are made available to MSPGCL by ACI Dept, MSETCL. The report (Daily Midnight Genco Report1) of daily Ex-Bus AMR Energy Meter day-end Readings are auto generated and auto emailed to GCR Mahagenco Mumbai.

The peripheral Ex-bus AMR energy meters installed by MSETCL are important for the ex-bus sent out energy (Export / Import energy), Aux. Cons. and DSM billing purposes.

However, it is observed that many times the readings are not made available to Mahagenco through autogenerated email from ACI. As such we are facing difficulty in daily generation report creation.

It is requested to kindly ensure the reliable daily availability of AMR meters readings through KALKI App via auto generated email to GCR Mahagenco Mumbai.

3.6 Rectify DSM software related various routine issues.

3.7 Accurate energy measurement:

Provision and implementation of dedicated CTs PTs for AMR energy meters at the earliest

Replacement of inferior class CTs PTs with required 0.2s class CTs PTs for Generation Transformers and Station Transformers.

Members may like to discuss.

Item No.4: Agenda Points from various committees:

4.1 Operation Co-ordination Committee (OCC): -

Procedure to consider ‘Deemed availability of grid element under the act of God or under the force majeure during the calculation of Transmission Availability’

As per the clause 6 (i) of Annexure II of MERC MYT Regulations, 2019, which is reproduced below:

6. Outage time of transmission elements for the following contingencies shall be excluded from the total time of the element under period of consideration:

i. Outage of elements due to force majeure events beyond the control of the Transmission Licensee. However, onus of satisfying the MSLDC that element outage was due to aforesaid events and not due to design failure shall rest with the Transmission Licensee. A reasonable restoration time for the element shall be considered and any additional time taken by the Transmission Licensee for restoration of the element beyond the reasonable time shall be treated as outage time attributable to the Transmission Licensee. Circuits restored through ERS (Emergency Restoration System) shall be considered as available.

The objective of this procedure is to clarify the events to consider any tripping/outage of the grid element as deemed available under the act of God or under the force majeure while calculating Transmission system availability by Transmission Licensee / issuing the Transmission system availability certificate at MSLDC.

The procedure for the same is formulated in accordance with the Regulation No. 28.2 (f) of MEGC, 2020.

The draft procedure formulated by SLDC was shared for comments from all the stakeholders via e-mail dtd. 03.12.2024 As per discussion and approval in 9th OCC dtd. 16.05.2025, the comments are included in the procedure and is put up **to GCC for ratification.**

Members may like to discuss.

4.2 Protection Co-ordination Committee (PCC):-

Revised scheme for formulation of “Nagpur Islanding scheme under EHV PC O&M Zone Nagpur”

As per CEA, MOP, Govt. of India, in view of the blackout of Mumbai in Oct.-2020, it was advised that each state may immediately plan one or two islanding schemes, which have good potential to survive islanding in the first phase.

Accordingly, Member Secretary, WRPC, Mumbai conducted a meeting & requested MSETCL to explore the feasibility for formulation of islanding schemes for Nagpur, Nashik, Bhusawal, Parli and Akola (Amaravati) in Maharashtra. The Nagpur scheme was discussed during WRPC meeting held through VC on dtd. 18.08.2021, 28.06.2021, 26.06.2021 & 04.06.2021 & was principally accepted by MS WRPC.

Subsequently the Nagpur islanding scheme was prepared by considering average generation of 500-600MW (considering Ex bus generation 130MW per unit, 4 x 130MW = 520MW) at 220kV Khaperkheda Generation station & Nagpur city average loading of about 555MW.

220kV Khaparkheda GCR s/s feeding 220kV Ambazari, 220kV Kanhan, 220kV Buttibori-I, 220kV Buttibori-III & 220kV Kalmeshwar s/s which is subsequently feeding load to 132kV Nagpur Ring-main s/s i.e. 132kV Pardi, 132kV Manakapur, 132kV Hingna-I & II, 132kV Uppalwadi, 132kV Besa & 132kV Khapari s/s.

Chief Engineer, Nagpur vide letter No. MSETCL/CE/Nagpur/Tech/1947 dtd. 06.12.2022 has submitted the revised scheme due to discrepancies in earlier one. It is approved vide BR no. 166/40 dt. 19/01/2024 at a cost of Rs.82.87 Cr and was posed to PSDF for funding of Rs. 57 Cr (90% of Rs. 63 Cr).

The scheme was discussed in 85th TESC meeting on 24/04/2024 and it was directed to revise the BOQ of scheme in line with Jabalpur Islanding Scheme. Accordingly, the estimated cost of revised scheme is worked out to Rs. 30.32 Cr and submitted to PSDF in Apr.-2025 for funding of Rs. 23.98Cr.

As per Clause 7 Sr. No. 7.2 (d) CEA guidelines, the proposal put up for PSDF funding shall be appraised to CTU/STU/WRPC. Hence the proposal is appraised to WRPC vide CE (ACI) ltr no. 447 dt. 11/07/2025 along with A.5 format.

Members may like to discuss.

4.3: Metering and Communication Co-ordination Committee (MCCC): -

Nil

4.4: Maharashtra Transmission Committee (MTC): -

Agenda Point No. 1	Replacement of existing 0.2 ACSR conductor along with hardware by High Ampacity current carrying Conductor in r/o 132 kV Bhandara-Kardha Ckt I (16.41 Km) & Bhandara-Kardha Ckt II (16.55 Km) and allied works at 220 kV Bhandara Substation & 132 kV Kardha Substation under EHV (O&M) Division Bhandara
Agenda Point No. 2	Replacement of old existing 0.2 ACSR conductor by equivalent HPC conductor along with suitable hardware, accessories and porcelain long rod insulator for 132kV Takli - Mhasrul line (Ckt kms=23.42 kms) and Replacement of equipment capable for HPC conductor of 2X132kV End Bay each at 132kV Takli and 132kV Mhasrul Substations under EHV O&M Circle, Nashik.
Agenda Point No. 3	Replacement of old existing 0.2 ACSR Panther conductor by equivalent High-Performance Conductor (HPC) along with suitable hardware's, accessories, and porcelain long rod insulators for 132kV Satpur MIDC –M&M line (2.1km) along with strengthening of associated 132kV bays at respective substations under EHV O&M Division, Nashik
Agenda Point No. 4	Replacement of old existing 0.2 ACSR Panther conductor by equivalent High Performance Conductor (HPC) along with suitable hardwares, accessories and porcelain long rod insulators for 132kV Ambad –M&M line (9.13 km) along with strengthening of associated 132kV bays at respective substations under EHV O&M Division, Nashik.
Agenda Point No. 5	Replacement of old existing 0.2 ACSR Panther conductor by equivalent High Performance Conductor (HPC) along with suitable hardwares & accessories of 132kV Satpur MIDC - Mhasrul line (23.10 Ckm), as well as strengthening of the associated 132kV end bays at the respective substations under EHV O&M Division, Nashik
Agenda Point No. 6	Replacement of old existing 0.2 Panther conductor by equivalent High Performance Conductor (HPC) along with suitable hardware's, accessories and porcelain long rod insulators for 132kV Sinner-Sinner MIDC line (7.5km) along with strengthening of associated 132kV bays at respective substations under EHV O&M Division, Nashik
Agenda Point No. 7	Replacement of old existing 0.4 ACSR Deer conductor by equivalent High Performance Conductor (HPC) along with suitable hardware and accessories for 220 kV Chinchwad-Urse line (SC portion from loc. No. 1-31 (Route length =

	11.10 km)) along with strengthening of end bay at 220kV Urse S/S and 220 kV Chinchwad-1 S/S by replacement of 0.4 ACSR single conductor with High Performance Conductor (HPC) & allied equipment's & hardware's under EHV O&M Division-II, Pune.
Agenda Point No. 8	Replacement of existing 0.4 ACSR conductor by new HPC (High Performance Conductor) along with necessary hardware's of 220kV Miraj-Mhaisal line (32.57km) under EHV O&M Division, Sangli.
Agenda Point No. 9	Enhancement of transformation capacity of Substation by addition of 1X50MVA, 132/33kV T/F with HV & LV Bays and shifting of 132KV Bus extension at 132kV Puluji S/s under Pune zone.
Agenda Point No. 10	Scheme of enhancement of transformation capacity by replacement of existing 2x25MVA, 220/33kV T/Fs by 2x50MVA, 220/33 kV T/Fs at 220 kV Beed S/s under EHV (O&M) Division Beed.
Agenda Point No. 11	Scheme of enhancement of transformation capacity by replacement of existing 2x25MVA, 220/33kV T/Fs by 2x50MVA, 220/33 kV T/Fs at 220 kV Manjarsumbha S/s under EHV (O&M) Division Beed.
Agenda Point No. 12	Scheme of enhancement of transformation capacity replacement of existing 2x25MVA, 132/33kV T/Fs by 2x50MVA, 132/33 kV T/Fs at 132 kV Pangri S/s under EHV (O&M) Division Beed.
Agenda Point No. 13	Scheme of enhancement of transformation capacity replacement of existing 2x25MVA, 132/33kV T/Fs by 2x50MVA, 132/33 kV T/Fs at 132 kV Mukhed S/s under EHV (O&M) Division Nanded.
Agenda Point No. 14	Scheme of enhancement of transformation capacity by additional 25MVA, 220/33kV T/F at 220kV Gadchiroli S/s under EHV O&M Division Ballarshah under Nagpur zone.
Agenda Point No. 15	Scheme of enhancement of transformation capacity by addition of 1X25MVA, 220/33kV T/F at 400kV Khaperkheda S/s under 400kV RS, O&M Division Khaperkheda in Nagpur zone
Agenda Point No. 16	Scheme of Enhancement of transformation capacity of substation by addition of 1X100MVA, 220/132kV ICT at 220kV Amrapur substation in Nashik zone.
Agenda Point No. 17	Scheme of enhancement of transformation capacity of substation by replacement of 2X100MVA, 220/132kV ICTs by 2X200MVA, 220/132kV ICTs at 220kV Dondaicha S/s under EHV (O&M) Division, Dhule in Nashik zone.

Agenda Point No. 18	Scheme of enhancement of transformation capacity by addition of 50MVA, 220/33kV T/F at 220KV Bhenda Sub-Station under EHV O&M Division, Babhaleshwar in Nashik Zone.
Agenda Point No. 19	Scheme of enhancement of transformation capacity by Addition of 1X50 MVA, 132/33 kV T/F along with HV and LV bays, 33kV Bus extension, 33kV PT bay and allied civil works at 132 kV Akole S/s under EHV (O&M) Division Babhaleshwar.
Agenda Point No. 20	Scheme of enhancement of transformation capacity by Addition of 1X50 MVA, 132/33 kV T/F along with HV and LV bays and allied civil works at 132 kV Sangamner S/s under EHV (O&M) Division Babhaleshwar.
Agenda Point No. 21	Scheme of enhancement of transformation capacity by Addition of 1 X 50 MVA, 132/33 kV T/F along with HV and LV bays and allied civil works at 132 kV Yawal S/S under EHV (O&M) Division Jalgaon.
Agenda Point No. 22	Scheme of enhancement of transformation capacity by Addition of 1 X 50 MVA, 132/33 kV T/F along with HV and LV bays with 132KV Bus extension and allied civil works at 132 kV Chopda S/S under EHV (O&M) Division Jalgaon.
Agenda Point No. 23	Scheme of enhancement of transformation capacity by replacement of existing 2X 25MVA, 132/33kV T/Fs by 2X 50MVA, 132/33kV T/Fs at 132kV Taloda substation under EHV PC O&M Division Dhule.
Agenda Point No. 24	Scheme of enhancement of transformation capacity by Addition of 1 X 50 MVA, 132/33 kV T/F along with 3X33KV Feeder Bays, HV and LV bays with 33KV Bus extension and allied civil works at 132 kV Yeola S/S under EHV (O&M) Division Nashik.
Agenda Point No. 25	Scheme of enhancement of transformation capacity of Substation by replacement of 1X25MVA, 220/33kV T/F by 1x50MVA, 220/33kV T/F at 220KV Baramati S/s under Pune zone.
Agenda Point No. 26	Enhancement of transformation capacity of Substation by addition of 1X50MVA, 220/33kV T/F with HV & LV Bays, 10x22KV GIS Bays and 132KV HV (AIS) Bay at 132kV Kharadi S/s under Pune zone.
Agenda Point No. 27	Establishment of 110/22 kV Gaikwadpada Substation, Dist. Thane.
Agenda Point No. 28	Establishment of 220/33 kV Murmi Substation, Dist. CSN.
Agenda Point No. 29	Establishment of 220/33 kV Kadholi s/s at Mouza Avandi, Tal- Kamptee, Dist-Nagpur.

Agenda Point No. 30	Conversion of existing 400 kV Kalwa - Padghe Ckt-I & II SCSC line to DCDC by using Twin HPC conductor.
Agenda Point No. 31	Implementation of Nagpur Islanding scheme under EHV PC O&M Zone, Nagpur
Agenda Point No. 32	Upgradation and augmentation of existing 110 kV Bhivpuri-Ambarnath-Kalyan Corridor by replacing exiting conductor by higher capacity conductor along with Tower modification/replacement.
Agenda Point No. 33	Augmentation of exiting 30 MVA Transformer at Salsette by new 90 MVA, 110/22 kV transformer.
Agenda Point No. 34	Installation and commissioning of 1 No. of 220 kV Bay with protection automation and communication (Part of AEML approved “ Chandivali 2 nd Feed connectivity scheme”)
Agenda Point No. 35	Installation of 3 rd 765/400 kV, 1500 MVA ICT at Tiroda S/s with associated bays.
Agenda Point No. 36	400 kV Capacity augmentation at Tiroda S/s a. Establishment of 400 kV GIS bays (7 Nos.) at Tiroda s/s. b. Interconnection of GIS with existing 400 kV AIS S/s and interconnection of 400 kV GIS at 400 kV level of 765/400 kV AIS through GIB (Gas Insulated Bus Duct). New control room for 400 kV GIS bays along with GIS hall
Agenda Point No. 37	Methodology for availability and acquisition of 15-minute time block wise Partial Open Access (POA) data required for determination of adjusted Base TCR.

Members may like to discuss.

Item No.5. Any other points raised by committee members with permission of Chair.

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