

	<p style="text-align: center;"> <b>MAHA TRANSCO</b> Maharashtra State Electricity Transmission Co. Ltd. <b>MAHARASHTRA STATE ELECTRICITY TRANSMISSION CO. LTD.</b></p> <p style="text-align: center;"><b>CIN NO. U40109MH2005SGC153646</b></p> <p>Tele :91-022-27601762 (P)      <b>Office of The Chief Engineer</b> 91-022-27601931 (O) Extn.1003      <b>Maharashtra State Load Despatch</b> <b>Center</b>      Email: <a href="mailto:cesldc@mahatransco.in">cesldc@mahatransco.in</a>      Thane-Belapur Road, P.O. Airoli Navi website : <a href="http://www.mahasldc.in">www.mahasldc.in</a>      Mumbai Pin – 400 708.</p>	<p style="text-align: center;"> RIGHT TO INFORMATION</p> <p style="text-align: center;"> MAHARASHTRA STATE ELECTRICITY TRANSMISSION CO. LTD.</p>
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Ref. No. CE/MSLDC/OP/OCC/

000906

Date: 21 APR 2026

To,

Members of the OCC as per mailing list.

**Sub:** Minutes of the 12<sup>th</sup> Operation Co-ordination Committee (OCC) meeting held on 17.03.2026 at 16:00 hrs. through physical & video conferencing mode at MSLDC Kalwa.


**Ref.:** 1. 11<sup>th</sup> OCC MoM Circulated vide No. CE/MSLDC/OP/OCC/02827 Dated. 30.12.2025  
2. 12<sup>th</sup> OCC Agenda Circulated vide letter no. CE/MSLDC/OP/538 dtd 11.03.2026

Dear Sir/Madam,

In reference to the above subject, the 12<sup>th</sup> Operation Co-ordination Committee (OCC) meeting was held on 17.03.2026 at 16:00 hrs. through physical & video conferencing mode at MSLDC Kalwa. The Minutes of the said meeting are attached herewith.

Encl: As above.

Yours sincerely,



(Girish Pantoji)  
Superintending Engineer  
(Op), MSLDC  
(Member Convener of OCC)

**Copy s.w.rs. to:**

The Director (Operations), MSETCL, Prakashganga, Mumbai.  
The Executive Director & Chairman of OCC, MSLDC, Airoli, Navi Mumbai.



**OCC members as per list shown below:**

**All OCC members as per list**

Sr. No.	Name of Organization	Name of Nominee	Designation	Committee constituent	Contact No.	E-mail ID
1	SLDC	Shri Shashank Jewalikar	ED, MSLDC	Chairperson	022-27301931	<a href="mailto:edsldc@mahasldc.in">edsldc@mahasldc.in</a>
2	MSETCL	Shri Anil Bharsakle	CE, Tr O&M MSETCL	Member	8554995004	<a href="mailto:ceom@mahatransco.in">ceom@mahatransco.in</a>
3	SLDC	Shri Girish Pantoji	CE (I/c), MSLDC	Member	9822414154	<a href="mailto:cesldc@mahasldc.in">cesldc@mahasldc.in</a>
4	STU/ MSETCL	Shri. Peeyush Sharma	CE, STU	Member	9769213865	<a href="mailto:cestu@mahatransco.in">cestu@mahatransco.in</a>
5	MSEDCL	Shri. Sandeep Patil	CE, PP	Member	9594938238	<a href="mailto:cepp@mahadiscom.in">cepp@mahadiscom.in</a>
6	MSEDCL	Shri Pravin Annachatre	S.E (LM), MSEDCL	Member	9833980238	<a href="mailto:selmkalwa@gmail.com">selmkalwa@gmail.com</a>
7	MSPGCL	Shri. Anil Kathoye	CE, Generation (Works) MSPGCL	Member	022-6952200 69853535 Ext. 3519	<a href="mailto:cegwmahagenco.in">cegwmahagenco.in</a>
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10	AEML	Shri Mahesh Andhari	Head Operations (Distribution & Transmission)	Member	9323549996	<a href="mailto:mahesh.andhari@adani.com">mahesh.andhari@adani.com</a>
11	AEML	Shri Ranjeet Sawardekar	Head ABT	Member	9324818009	<a href="mailto:ranjeet.sawardekar@adani.com">ranjeet.sawardekar@adani.com</a>
12	ATIL	Shri Saurabh Sharma	Manager-O&M	Member	8233552863	<a href="mailto:saurabh.sharma@adani.com">saurabh.sharma@adani.com</a>
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17	VIPL	Shri Ashish Kumar Shukla	HOD-Electrical Maintenance	Member	6358853165	<a href="mailto:ashishkumar.shukla@adani.com">ashishkumar.shukla@adani.com</a>

**Sub: Minutes of the 12<sup>th</sup> Operation Co-ordination Committee (OCC) meeting held on 17.03.2026 at 16:00 hrs. at MSLDC Kabwa.**

18	JSWEL	Mr. Prasanna Ghatge	AGM (Head-OSTS)	Member	9552577141	<a href="mailto:prasanna.ghatge@jsw.in">prasanna.ghatge@jsw.in</a>
19	ADTPS	Shri Pinal Desai	Associate VP ADTPS	Member	9325119747	<a href="mailto:pinal.desai@adani.com">pinal.desai@adani.com</a>
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22	SWPGPL Warora.	P Kalyan	AGM - Electrical	Member	8600400107	<a href="mailto:Kalyan.p@saiwardha.com">Kalyan.p@saiwardha.com</a>
		Barath Muthusamy	Deputy Manager-BDG	Member	9154674864	<a href="mailto:bdg.operations@saiwardha.com">bdg.operations@saiwardha.com</a>
23	M/S. Bothe wind Park Development Pvt. Ltd.	Mr. Dhananjay Joshi	Manager	Member (Wind)	9971274700	<a href="mailto:dhanajay.joshi@continuumenergy.in">dhanajay.joshi@continuumenergy.in</a> <a href="mailto:vijay.karale@continuumenergy.in">vijay.karale@continuumenergy.in</a>
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25	Jarandeshwar Sugar Mills pvt. Ltd.	Mr J T Gore Mr A V Patil	Co-gen in-charge Elect. Engineer	Member (Co-gen)	9922254115 9673889938	<a href="mailto:jsmcogen@gmail.com">jsmcogen@gmail.com</a>
26	BEST	Shri S. S. Bansode	Chief Engineer (Regulatory)	Member	9869407196	<a href="mailto:cerc@bestundertaking.com">cerc@bestundertaking.com</a>
27	Dhariwal	Pundlik Mahadeorao Wanwe	General Manager	Member	9561112008	<a href="mailto:pundlik.wanwe@rpsg.in">pundlik.wanwe@rpsg.in</a>
28	IEPL	Mr. Sandip V. Kawale	Manager (Regulatory, Sales & Purchase-Dept)	Member	8799967053	<a href="mailto:sandip.iepl@gmail.com">sandip.iepl@gmail.com</a>
29	JPL	Mr. Gaurav Grover	Manager	Member	9718306200	<a href="mailto:gaurav.grover@jindalpower.com">gaurav.grover@jindalpower.com</a>
30	Vidharbh Mineral and Energy Pvt. Ltd.	Mr. V.N. Kulkarni	HOD Electrical	Member	9158555616	<a href="mailto:electrical@vidarbhamineral.com">electrical@vidarbhamineral.com</a> <a href="mailto:maintenance.gepl@gmail.com">maintenance.gepl@gmail.com</a>
31	SLDC	Shri Girish Pantoji	SE(OP), MSLDC	Member-Convener	9822414154	<a href="mailto:seop@mahasldc.in">seop@mahasldc.in</a>

**Minutes of the 12<sup>th</sup> Operation Co-ordination Committee (OCC) meeting held on 17<sup>th</sup> Mar 2026 at 16:00 Hrs. through physical & video conferencing mode.**

The 12<sup>th</sup> meeting of the OCC, was convened on 17.03.2026 at 16:00 hrs. through physical and video conferencing mode. The meeting was chaired by Executive Director, MSLDC.

The Executive Director (MSLDC) & the Chairman of the OCC, welcomed all the members.

The list of participants in the meeting is attached herewith as ANNEXURE – A.

The detailed Point-wise discussions held during the meeting are as follows:

**Item No. 1: Confirmation of Minutes of Meeting of the 11<sup>th</sup> OCC Meeting held on 03.09.2025:**

- Confirmation of the minutes of the 11<sup>th</sup> OCC held on 17.11.2025 through hybrid mode and circulated vide CE/MSLDC/ Op/OCC/02827 Dated. 30.12.2025 to all the members and requested to offer any comments.

*The OCC affirms the minutes of the 11th OCC meeting, since no comments were received.*

- **Actions to be taken based on decision of previous OCCM. SLDC circulated actions to be taken based on previous OCC. The same is attached as Annexure -1.**

**Item No. 2: Presentation on Maharashtra system Grid performance from October 2025 to January 2026.**

The MSLDC representative presented the Maharashtra System Grid performance from October 2025 to January 2026 (The presentation is attached as **Annexure-2.**)

During the discussion on Transmission Constraint, SLDC representative informed that,

- a) In period Oct 2025 to Jan 2026 following important grid elements were charged
  - 1) 400/220kv, 500 MVA ICT 3 at 400kV Taptitanda S/S
  - 2) Main bay-419 & 420 of AEML Kudus GIS Ckt-1 & 2 at 400kv Kudus S/S
  - 3) Elements at 400kV AEML Kudus S/S
  - 4) 220kV Pune GIS PG (Shikrapur)-Ranjangaon Ckt-1 and Ckt-2 at 220kV Pune GIS PG (Shikrapur) S/S
- b) In order to enhance system stability, capacitor banks are being installed across the Pune, Vashi, and Nashik zones. In the Pune zone, 405 MVAR of EHV capacitor banks have already been commissioned, and an additional 65 MVAR of HV capacitor banks is scheduled for commissioning by March 2026. In the Vashi zone, 155 MVAR out of the planned 325 MVAR of EHV capacitor banks has been commissioned, while 740 MVAR of HV capacitor banks is targeted for commissioning by March 2026. In the Nashik zone, 325 MVAR of HV capacitor banks is planned to be commissioned by March 2026.
- c) 220kV Ulwe - Waghivali ckt II is under forced shut down due to cable fault from 25.06.2024. Following the commissioning of the 400/220 kV Navi Mumbai PG substation, the loading issue on 220kV Ulwe – Waghivali ckt – 1 has increased. To control this loading, 220kV Waghivali-TATA-1 & 2 have been kept hand tripped from 30.12.2024. Also, 220kV Uran-Ulwe Ckt 2 is under forced shutdown from 01.03.2026, This leads to stressed network in respect of Uran generation evacuation.

d) Following the commissioning of the 400/220 kV Navi Mumbai PG substation, loading on lines 220kV Kalwa–Apta corridor has increased. Hence, to control overloading of existing old 0.35 ACSR corridor lines, 220 kV Kalwa- Panchanand and Print house-Navi Mumbai PG are kept Hand Tripped from 17.10.2024 and 05.12.2024 respectively to control the loading. The corridor is bunched and split in two separate corridors namely 220 kV Navi Mumbai PG- Taloja- Panchanand- Navi Mumbai (PG) & 220 kV Kalwa- GTPL-Print House-Kalwa.

To resolve this issue, HTLS of

- 1) 220kV Kalwa-GTPL-Panchnand-Taloja- Navi Mumbai PGCIL line
  - 2) 220kV Kalwa- Printhouse-Navi Mumbai PGCIL line
  - 3) 220kV Apta-Navi Mumbai PGCIL D/C line
- to be completed at the earliest.

e) Due to ongoing HTLS work at 220 kV Padghe–Nalasopara–Vasai line, due to temporary arrangement, the connectivity from 220kV Padghe , 220kV Nalasopara and 220kV Vasai S/S is disconnected, resulting in overloading of the 400/220 kV PGCIL ICT's. Approximately 400 MW of load in the Panchali–Palghar–Nalasopara–Vasai corridor is being directly fed through the 400 kV Boisar PGCIL ICTs. The 220kV padghe- Nalasopara- Vasai and 220 kV Kamba–Vasai line is presently under outage for HLTS work and is required to be restored at the earliest to eliminate the ICT overloading problems.

**The Chairman, OCC, has directed SLDC to review such long outages in view of the ongoing summer season and increased demand, and to assess whether any restoration activities should be undertaken immediately or deferred until after the summer season.**

The Summer Preparedness Meeting was held on 12.02.2026. The Chairman, OCC, observed that the demand has already exceeded 32,500 MW in certain time blocks, leading to resource adequacy concerns. It was further noted that during non-solar hours, the demand has also crossed the 31,000 MW benchmark.

**In view of the above, the Chairman, OCC, has directed that forced outage issues of all thermal generating units, including MSPGCL and IPPs, be resolved on priority.**

*With due deliberations, all OCC members took note of the same.*

### **Item No. 3 MSLDC Agenda:**

#### **3.1 Appraisal of enabling APML PPA wise DC entry in scheduling software**

In the 4<sup>th</sup> MSPC meeting held on 10.06.2025, following directives issued to SLDC regarding the operationalization of APML PPA-wise DC entry in the DSM scheduling software.

*“After due deliberation & discussion, MSPC directed to go ahead with the procedure (As per Annexure-2) and operationalizing the PPA wise declaration entry module to enable the PPA wise declaration in the scheduling software to comply the implementation of recommendation-1. Further, the calculations and verification of revised PPA wise DC and schedule for the past period are to be carried out as per the calculation methodology*

***attached as Annexure-3. This practice will be followed till the operationalization of the new development in software for this purpose."***

In order to comply with above directives, on dated 23.11.2025 with information to MSEDCL & APML, Maharashtra SLDC has been deployed the APML PPA wise DC module in the scheduling software and operationalized with effect **from 00:00 hours of 24.11.2025.**

**Discussion in 12<sup>th</sup> OCC:**

***All the OCC members noted the same.***

**3.2 Non-Adherence to unit outage procedure approved in WRPC – OCC by Uran GTPS.**

The following table shows the unit outages taken by Uran generating station from 01.01.2025 to 12.02.2026.

<b>Name of Unit</b>	<b>Date Trip</b>	<b>Time Trip</b>	<b>Date Sync</b>	<b>Time Sync</b>	<b>Reason</b>
Uran Unit 7	02-02-2025	09:59	02-02-2025	17:24	Filter replacement work
Uran Unit 8	16-02-2025	00:00	16-02-2025	21:47	filter replacement work.
Uran Unit 6	13-04-2025	00:00	13-04-2025	18:39	FILTER REPLACEMENT WORK
Uran Unit 8	11-04-2025	20:21	12-04-2025	02:06	Instrumentation & Control problem
Uran Unit B0	11-04-2025	20:21	12-04-2025	06:16	Instrumentation and control problem
Uran Unit B0	06-06-2025	12:35	06-06-2025	18:35	Due to TIC Problem.
Uran Unit 8	06-06-2025	12:35	06-06-2025	16:27	Due to TIC Problem
Uran Unit 8	23-08-2025	08:14	23-08-2025	17:05	taken out for work of Ultrasonic Meter calibration.
Uran Unit B0	23-08-2025	08:44	23-08-2025	22:37	taken for work of Ultrasonic Meter calibration.
Uran Unit 7	23-08-2025	08:44	24-08-2025	05:51	taken out for work of Ultrasonic Meter calibration.
Uran Unit 7	09-02-2026	11:27	12-02-2026	17:00	excitation system replacement

The above planned outages need approval from WRPC pre OCC meeting . However, Uran and has not approached OCC WRPC forum for the approval of above outages. WRPC and WRLDC are also taking continuous follow up with MSLDC to adhere with the outage procedure.

Further it is also observed that generators are applying for planned outages after OCC meeting. such outages are also consented by respective discoms hence it is proposed by MSLDC that if such outages are availed with consent of respective discom shall be treated as forced outages in MSLDC DSR record.

***1) MSPGCL may comment on reason for non-adhering the OCC WRPC generating unit outage procedure***

**2) OCC forum may discuss the consideration of outages as forced outages which are not approved in OCC WRPC forum**

**Discussion in 12<sup>th</sup> OCC:**

*MSPGCL agreed to submit the planned outages in WRPC pre OCC meeting and get approved in WRPC OCC forum*

*MSEDCL Opined that the outages which are not approved in WRPC OCC forum but availed due to priority or emergency after WRPC OCC meeting shall be considered as forced outages.*

All OCC members agreed that generating unit outages, which have not been approved in the WRPC OCC forum, shall be treated as forced outages.

*With due deliberations, all OCC members took note of the same.*

**3.3 Discoms to communicate MOD rate and revision of MOD rate in accordance with MOD Guidelines as specified in MEGC-2020:**

**3.3.1 Delayed submission of MOD rates by discoms:**

As per the clause 33.4 of MEGC-2020 regarding Principles of Merit Order Despatch for operation of InSGS connected to InSTS:

***"Buyer shall submit the scrutinised variable charge/energy charge to the SLDC for preparation of MoD stack by 13th day of every month (Nth month) with intimation to seller with whom it has PPA in the Format- 5B....."***

However, it was observed that discoms are not submitting mod rates timely as per the above timelines specified in MEGC-2020 i.e.13th day of the month.

For example, the certain events of submission of MOD rates by MSEDCL after 13th are as below:

<b>Month</b>	<b>Date</b>
Jul-25	14-07-2025
Oct-25	14-10-2025
Nov-25	14-11-2025
Jan-26	14-01-2026

Hence, such delayed submission should be avoided. DISCOMS are requested to adhere to the timeline mentioned in MEGC for monthly submission of MOD rates i.e. 13th of every month.

**Discussion in 12<sup>th</sup> OCC:**

**The Chairman of OCC directed all Distribution Licensees to communicate the MOD rates to SLDC on the 13th of each month for preparation of the MOD stack, in accordance with Clause 33.4 of MEGC-2020**

*With due deliberations, all OCC members took note of the same.*

**3.3.2 Submission of revision in MOD rates other than reasons specified in MEGC-2020:**

Further, as per clause 33.9 of MEGC-2020, there are circumstances specified to revise MOD rates:

***"MoD Stack uploaded on the 15th of the month may be subsequently revised by SLDC in the following circumstances:***

- a) Commencement of supply of power by a generating unit under a new arrangement/bilateral agreement/Short term agreement in between period of MoD operation,*
- b) Revision of variable charges for preparing the MOD Stack due to Tariff Order issued by the Commission for state generating stations or by the Central Commission for central generating stations,*
- c) Impact of change in law in the PPAs as approved by the Commission."*

Thus, MOD rates revision shall be considered only when the above-mentioned conditions prevail. Above issues were already discussed in the 7<sup>th</sup> OCC meeting, where OCC chairman informed MSEDCL to submit the MOD rates to SLDC as per timelines specified in MEGC-2020. MSEDCL may comment on this and confirm OCC to adhere with MEGC timelines.

Recently, MSEDCL has submitted the revised variable rates of MSPGCL generating units - Bhusawal U-4 & 5 and Parali U-6,7 & Parali U-8 on dt. 23.01.2026 at 18:04 Hrs. mentioning the reasons of incorrect calculations. This reason is not included in clause no.33.9 of MEGC. However the request of MSEDCL is accepted for this time and the correction were incorporated by MSLDC.

- 1) The MOD revision done by MSLDC on w.e.f. 24.01.2026 is hereby put up for approval to OCC forum.***
- 2) The OCC forum may discuss on such revision of MOD stack due to reason mentioned other than clause 33.9 of MEGC-2020.***

**Discussion in 12<sup>th</sup> OCC:**

- 1) The MOD revision carried out by MSLDC w.e.f. 24.01.2026, on account of revised variable rates of MSPGCL generating units—Bhusawal Unit-4 & 5, and Parali Unit-6, 7 & 8—received on 23.01.2026 at 18:04 hrs, was placed before the OCC forum. After due deliberation, the OCC accepted the said revision, noting that the changes were necessitated due to earlier incorrect calculations.
- 2) In case when revision of MOD stack arising due to any reason is submitted to SLDC by any distribution licensee and SLDC finds the reason to be genuine in such cases, SLDC may consider revision of MOD on a D+2 basis on acceptance. Also, seller consent should be there for any revision of the MOD stack arising due to reasons other than those specified under Clause 33.9 of MEGC-2020. Accordingly, such revisions shall be implemented by SLDC on a D+2 basis, considering the time required for approval from the competent authority and necessary modifications in the DSM software. In such cases, the SLDC shall present the details and justification for the revision to the OCC members in the subsequent OCC meeting.

***With due deliberations, OCC took a note of the same.***

**3.3.3 Implementation of Revised MOD rates on (D+2) day, if submitted by discoms after 14:00 hrs in ‘D’ day:**

Sometimes discoms are revised MOD rates and submitted to SLDC in the late evening period. Some instances of revised MOD rates submitted by MSEDCL are given below:

<b>Dates of revised MOD rate submission</b>	<b>Time</b>
23-01-2026	7:05 PM
31-12-2025	7:45 PM
30-10-2025	5:57 PM
26-06-2025	10:45 PM
07-01-2025	8:18 PM

Hence MSLDC proposes the MOD revision if any shall be implemented by D+2 in line with clause 33.4 of MEGC-2020 of MOD principle as such MOD revision needs to be get approved from competent authority hence the same timeline shall be adopted as mentioned for monthly MOD rates submission i.e 2 day shall be applicable for such revision.

**Discussion in 12<sup>th</sup> OCC:**

In case when revision of MOD stack arising due to any reason is submitted to SLDC by any distribution licensee and SLDC finds the reason to be genuine in such cases SLDC may consider revision of MOD on a D+2 basis on acceptance. Also, seller consent should be there for any revision of the MOD stack arising due to reasons other than those specified under Clause 33.9 of MEGC-2020. Accordingly, such revisions shall be implemented by SLDC on a D+2 basis, considering the time required for approval from the competent authority and necessary modifications in the DSM software. In such cases, the concerned Distribution Licensee shall present the details and justification for the revision to the OCC members in the subsequent OCC meeting.

*With due deliberations, all OCC members took note of the same.*

**3.4 Sudden demand drops of MSEDCL:**

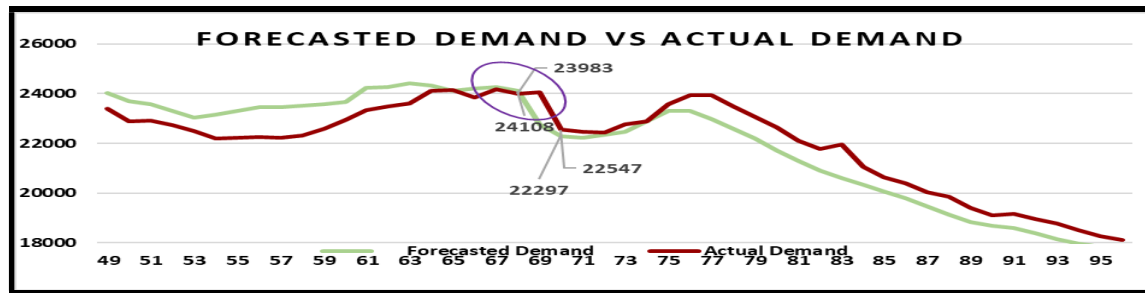
On dated 22.01.2026, WRLDC has issued letter to MSLDC to plan and implement agricultural load reduction in a staggered and phased manner over a relatively longer time window, instead of a concentrated reduction around 17:00 hrs. for smoothing the demand profile, minimizing frequency excursions and ensuring reliable and secure grid operation.

MSLDC informed MSEDCL vide letter dated 24.01.2026 about observation of sharp reduction in agricultural load during evening hours and request for staggered curtailment. There is abrupt and sharp reduction in demand of around 1200MW to 1950 MW in the Maharashtra Control Area during the evening transition period, particularly between 17:00 hrs and 17:15 hrs,

Also, this issue was discussed in 600<sup>th</sup> WRPC OCC meeting .

MSEDCL is requested to review the existing practice of agricultural load curtailment, especially during evening transition hours. It is advised that AG load reduction may be planned and implemented in a staggered and phased manner over a longer duration, instead

of concentrated switching in a single time block, so as to ensure a smooth demand profile and avoid sudden system disturbances.



MSEDCL requested to appraise the OCC forum regarding action taken to smoothen the drop in MSEDCL demand in mentioned one time block.

### Discussion in 12<sup>th</sup> OCC:

**MSEDCL assured that the matter will be examined and appropriate load staggering measures will be planned to avoid such sudden drops during the period between 17:00 hrs and 17:15 hrs.**

*With due deliberations, all OCC members took note of the same.*

### **3.5 Post facto methodology during software failure: -**

#### **Scenario of scheduling software failure:**

DSM scheduling software services are hampered **for the date 25.12.2025 from 01:00hrs to 19:30 Hrs due to scheduling software failed.** However, SLDC has instructed stake holders to maintain the generations as per last available revision i.e. Rev-19 which is generated at 00:51hrs (under scheduling software).

#### **Real Time operations:**

MSLDC has issued manual instructions to the generators to pick up/back down as per the real time system conditions from time block 25 onwards. Restoration of the DSM scheduling services took place at 19:30Hrs, SLDC kept the DSM scheduling services under observation up to 20:30Hrs, also instructed to convey any discrepancies observed by stake holder in schedules. Meanwhile, SLDC had asked stake holders to submit revisions in DSM scheduling software.

After completion of observation period, Stake holders were instructed to match up the generations as per the schedules issued through DSM scheduling software from time block 85 onwards.

#### **Post facto updation of schedules in scheduling software:**

In view of these following schedules updates are done on the reference Rev-19,

- 1) Schedules of MOD generators/ transactions are replaced with actual generations with respect to its DC from Time block 25 to 84 corresponding schedule changes affected in beneficiary schedules.
- 2) Schedules of those generators who have PPA with multiple DISCOMS are replaced with actual generation on pro rata basis with respect to DC.
  - a) Generator having multiple PPAs,  
(actual generation/DC of entire generator) x (DC of that particular PPA)
  - b) Generator with multiple PPAs & power sale in market, then sold quantum is subtracted from actual generation.  
[(actual generation-Power sold)/DC of entire generator] x (DC of that particular PPA).
- 3) Schedules of generator with multiple PPA with single DISCOM: -  
Schedule is replaced with actual generation in each PPA as per DC from lower cost PPA to highest cost PPAs.
- 4) From Block No.85 onwards real time schedules issued through DSM software are followed by the generators.
- 5) The effect of actual generation is passed on to respective beneficiary DISCOMs.

The members may suggest if any further addition/correction in the above procedure. The procedure will be updated to accord further approval from MSPC.

**1. The Post facto correction done by MSLDC on w.e.f. 25.12.2025 is hereby put up for approval to OCC forum.**

**2. The OCC forum may suggest if any further addition/correction/comments in the above methodology.**

**Discussion in 12<sup>th</sup> OCC:-**

- 1) The post facto correction carried out by MSLDC w.e.f. 25.12.2025 was placed before the OCC forum for approval.
- 2) The OCC Chairman directed SLDC to prepare a detailed methodology/procedure for post facto corrections in the event of software failure and circulate the same to Generators and Distribution Licensees for their comments and suggestions.

***OCC members agreed to the suggestion of Chairman of OCC.***

**3.6 Procedure for Black Start at various Generating Stations at Maharashtra.**

Maharashtra has 9 Power Stations with black start capability

Regulatory Guidelines and Compliance Requirements:

In accordance to MEGC 2020, cl. 28.2,

“SLDC, in coordination with OCC, shall develop, document, and maintain detailed operating procedures for managing the InSTS. These operating procedures shall include the following:

- a) Black start procedures

Provided that such procedures shall be developed in consultation with Users, licensees, renewable energy developers, and WRLDC with three months from the date of notification of these Regulations.

Provided further that such procedures, after consulting in GCC, shall be provided to all the Users. A copy of the same shall be uploaded on SLDC's website and submitted to the Commission for information."

In compliance to above, procedure for mock trial of black start operation is prepared in consultation with the generating companies and WRLDC and has been circulated to the concerned.

The procedure has forwarded for the comments of stake holders, after receipt of the same the procedure is presented in OCC.

**The OCC members may like to discuss.**

**Discussion in 12<sup>th</sup> OCC:**

The revised black start procedure has been circulated to all stakeholders for their comments. The procedure highlights key gaps observed during black start operations at various locations. These include the non-availability of essential equipment at several substations, such as DG sets, battery sets, PMUs, synchrosopes, and communication devices.

Additionally, critical elements like isolators, breakers, and battery chargers are aged and are experiencing operational issues.

The Chairman, OCC, has directed the STU to review the cranking paths for black start operations.

*With due deliberations, all OCC members took note of the same.*

**3.7 Ramp rate declaration below 1% by RIPL and APL generating station.**

**Discussion in 12<sup>th</sup> OCC:**

S.E. (Operation) deliberated that RIPL and APL generating stations have declared ramp rates of their units below 1%, which is not in line with the IEGC. He further highlighted that the Chief Engineer (PP), MSLDC, has also raised this issue and requested RIPL and APL to clarify the reasons for such low ramp rate declarations.

In response to the above, RIPL submitted that they will examine potential thermal stress and any technical issues that may arise during ramping at 1%. They further informed that, since OEM support is not available, they will explore the possibility of appointing a third-party agency to conduct ramping tests. RIPL assured the plan for ramping test, third party appointment etc , shall be submitted to SLDC within 15 days.

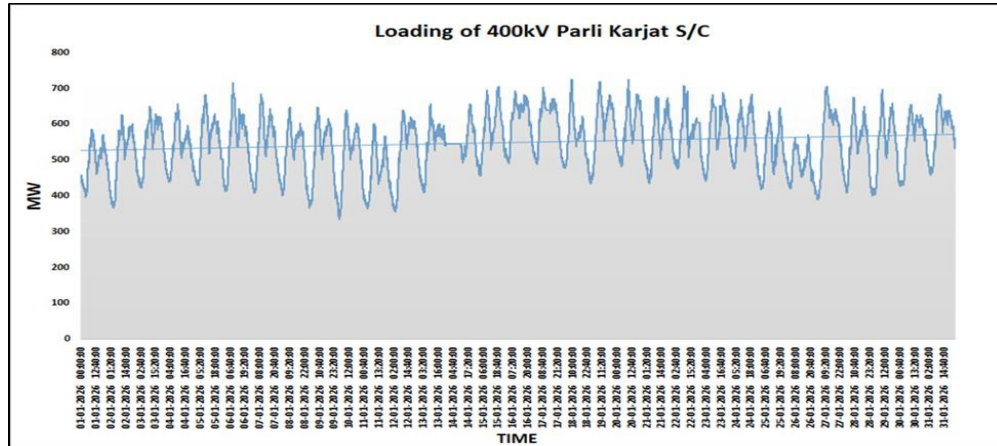
APL has neither submitted a response to SLDC's letter no. 494 dt. 06.03.2026 regarding clarification on ramp declaration nor provided any clarification during the meeting. The

OCC Chairman directed APL to submit the required clarification on ramping to SLDC within 15 days.

*All OCC members took note of the same*

### 3.8 600th WRPC Agenda item: High loading on 400 kV Parli- Karjat D/C transmission line.

1. With increase in Maharashtra demand, high loading (>700 MW/ckt) is being observed on 400 kV Parli- Karjat D/C. Tripping of any one circuit has a sensitivity of 36% on the other circuit, i.e. N-1 compliant limit is ~650 MW. Line loading plot for the month of January is given below:



2. In the morning hours, many lines are highly loaded (between 09:00 to 11:00 hrs) resulting into a low voltage scenario in the Maharashtra grid. At Karjat, voltages are going as low as 380 kV on a daily basis. Few of the line's circuits experiencing high loading during the morning hours are:
  - i 400 kV Parli Karjat D/C: 700 MW on each circuit.
  - ii 400 kV Pune Pune Q/C: 630 MW on each circuit.
  - iii 400 kV Pune Chakan: 710 MW.
3. Jaigad (4x300 MW) and Koyna generation (1920 MW) have around 4% sensitivity on each circuit of 400 kV Parli- Karjat D/C. Generation at Jaigad is in the range of 750 MW during this period while hydro generation is less or not there. MSLDC has also recommended UVLS implementation of 400kV Karjat to WRPC.

In view of above, as 400kV Karjat s/s facing the low voltage issue, MSLDC suggests that UVLS & LTS scheme need to be implement at the earliest so as to address the issue in case of N-1 criteria.

#### **Discussion in 12<sup>th</sup> OCC:-**

SE (Operations) briefed the committee on the low voltage issues at 400 kV Karjat S/S and informed that the UVLS and LTS schemes need to be implemented at the earliest.

The ACI&P representative informed that the scheme has already been submitted for approval to WRPC. MSLDC has also recommended UVLS implementation of 400kV Karjat to WRPC.

The Chairman, OCC, directed that the implementation of UVLS and LTS schemes at various 400 kV substations be taken up on priority. He further instructed that the scheme be fully wired and kept ready for commissioning upon receipt of approval from WRPC.

*All OCC members took note of the same*

#### **Item no 4. MSEDCL Agenda: -**

##### **4.1 Agenda Item: Procedure for Grid Operation During DSM Website Failure**

On **25.12.2025**, the DSM website was non-functional from morning till evening hours. During this period, generators were instructed telephonically to increase/decrease their schedules. The generators complied with these telephonic instructions, and subsequently their schedules were replaced by actuals and DSM charges were waived off. However, **DSM charges for buyers were not waived**, leading to inconsistency and commercial implications.

In view of the above, there is a need to **finalize a clear and uniform operational methodology** to be followed during DSM website/IT system failures, including scheduling, accounting, and DSM settlement for both generators and buyers. Further, **accountability and penal provisions for the software developing/maintaining agency** may also be deliberated for such prolonged system outages.

##### **Discussion in 12<sup>th</sup> OCC:-**

The OCC Chairman directed SLDC to prepare a detailed methodology/procedure for post facto corrections in the event of software failure and circulate the same to Generators and Distribution Licensees for their comments and suggestions.

##### **4.2 Agenda Item: SCADA Data Errors – Impact on Operations and Commercial Implications**

On **06.02.2026**, solar generation on the SCADA system was displayed on the lower side till **12:00 hrs** and was suddenly corrected at 12:00 hrs from approximately **3300 MW to 4500 MW in a single time block**. On the same day, a significant **CS drawal difference between Maharashtra and WR region (around 800–900 MW)** was also observed. Due to this discrepancy, the **state UI position on the SCADA screen was incorrectly reflecting underdrawal of around 900 MW**.

After observing abnormally low demand, the issue was raised; however, despite efforts, SLDC shift engineers and the SCADA team could not immediately identify the root cause. In order to control the perceived underdrawal, MSEDCL's demand was continuously reduced. After two to three hours, the issue was finally clarified and resolved by WRLDC engineers, following continuous follow-up by the LM Cell.

Such SCADA data errors result in unwarranted operational actions and adverse commercial implications for the State. In this context, the discussion may focus on:

- Measures to **minimize recurrence of such SCADA/data-related errors**
- **Standardized procedures** for early detection and isolation of data discrepancies
- **Capacity building and training requirements** for SLDC/SCADA personnel to promptly identify and resolve such issues, which need to be addressed on **priority basis**

**Discussion in 12<sup>th</sup> OCC:-**

**The Chairman OCC directs SLDC to identify SCADA data errors and come up with monitoring mechanism to resolve these issues.**

*All OCC members took note of the same*

**4.3 Agenda Item: Issues Observed During Centralised MOD Operation – Incorrect Surplus Indication**

To control **under-drawal or over-drawal**, SLDC at times operates the system in **centralised MOD mode**. It has been observed that during certain instances, **incorrect demand of MSEDCL is being scheduled by the software by indicating surplus quantum**. When surplus is shown by the software, it implies that **all intra-state thermal generators have been issued back-down instructions** and that the state demand is significantly lower than the Technical Minimum thermal available capacity or that the reduction exceeds the **available ramp-down capability**.

However, in several instances, **surplus has been indicated without any corresponding back-down schedule** being issued to generators. This leads to a mismatch between actual system conditions and software output.

For example, on **14.01.2026**, surplus was shown in **time blocks 42, 43, and 44**, whereas **no back-down schedule was issued to RIPL** during these blocks.

Such incorrect surplus indication affects **operational decisions and commercial settlement**. The agenda item may include discussion on:

- Validation logic for **surplus/deficit computation in centralised MOD**
- Cross-verification of surplus indication with **actual back-down schedules and ramping limits**
  - Corrective measures in the software to **avoid erroneous surplus display** and

Date	14-01-2026														
Revision No	145														
Time Block	Time Desc	CENTRE	INTRASTAT E MTOA	INTRASTAT E STOA	INTRASTAT E LTA	IEX	INTRASTATE GENERATIO N	REMC	Target Inj. Schedule ( Ex-bus )	Demand Schedule (T)	Surplus	Forecasted Demand	Demand Schedule (Distr. End)		
37	09:00-09:15		7112	979	216	3310	0	11400	2778	25794	25794	0	25794	24948	
38	09:15-09:30		7142	969	216	3310	0	11696	3035	26367	26367	0	26367	25502	
39	09:30-09:45		7255	969	216	3310	0	11748	3167	26665	26665	0	26665	25790	
40	09:45-10:00		7307	967	216	3310	0	11017	3419	26532	26532	0	26532	25662	
41	10:00-10:15		7386	947	216	3310	0	10538	3649	26364	26364	0	26364	25499	
42	10:15-10:30		7462	940	189	3169	0	10489	3859	26412	26097	315	26097	25241	
43	10:30-10:45		7524	966	216	3067	0	10306	4041	26120	25837	283	25837	24990	
44	10:45-11:00		7595	1036	189	2854	0	9932	4204	25810	25614	196	25614	24774	
45	11:00-11:15		7582	966	162	2434	0	9595	4376	25115	25115	0	25115	24291	
46	11:15-11:30		7490	966	153	2096	0	9733	4493	24932	24932	0	24932	24114	
47	11:30-11:45		7376	966	135	1922	0	9680	4570	24649	24649	0	24650	23841	
48	11:45-12:00		7306	1045	135	1922	0	9400	4630	24438	24438	0	24438	23636	
49	12:00-12:15		7262	985	135	1909	0	9142	4654	24087	24087	0	24087	23297	
50	12:15-12:30		7130	1055	135	1922	0	9088	4669	23999	23999	0	23999	23212	
51	12:30-12:45		7190	1045	135	1922	0	8837	4635	23764	23763	0	23763	22984	
52	12:45-13:00		7191	964	135	1922	0	8873	4601	23686	23686	0	23686	22909	
53	13:00-13:15		7176	982	135	1922	0	8861	4547	23741	23741	0	23741	22962	
54	13:15-13:30		7144	1052	135	1922	0	8717	4479	23568	23568	0	23568	22795	
55	13:30-13:45		7064	1052	162	1922	0	8951	4355	23625	23625	0	23625	22860	
56	13:45-14:00		7027	978	189	2145	0	9323	4199	23862	23862	0	23862	23079	
57	14:00-14:15		7280	1040	216	2068	0	9133	4040	23979	23978	0	23978	23192	

associated operational

Year	Revision	Block No.	RIPL_U1 Declaration	RIPL_U1 Schedule	RIPL_U1 Back Down	RIPL_U2 Declaration	RIPL_U2 Schedule	RIPL_U2 Back Down	RIPL_U3 Declaration	RIPL_U3 Schedule	RIPL_U3 Back Down	RIPL_U4 Declaration	RIPL_U4 Schedule
2026	145	39	245.700000	245.700000	0.000000	245.700000	245.700000	0.000000	245.700000	245.700000	0.000000	245.700000	245.700000
2026	145	40	245.700000	245.700000	0.000000	245.700000	245.700000	0.000000	245.700000	245.700000	0.000000	245.700000	245.700000
2026	145	41	245.700000	245.700000	0.000000	245.700000	245.700000	0.000000	245.700000	245.700000	0.000000	245.700000	245.700000
2026	145	42	245.700000	245.700000	0.000000	245.700000	245.700000	0.000000	245.700000	245.700000	0.000000	245.700000	245.700000
2026	145	43	245.700000	245.700000	0.000000	245.700000	245.700000	0.000000	245.700000	245.700000	0.000000	245.700000	245.700000
2026	145	44	245.700000	245.700000	0.000000	245.700000	245.700000	0.000000	245.700000	245.700000	0.000000	245.700000	245.700000
2026	145	45	245.700000	245.700000	0.000000	245.700000	245.700000	0.000000	245.700000	245.700000	0.000000	245.700000	245.700000
2026	145	46	245.700000	245.700000	0.000000	245.700000	245.700000	0.000000	245.700000	245.700000	0.000000	245.700000	245.700000
2026	145	47	245.700000	245.700000	0.000000	245.700000	245.700000	0.000000	245.700000	245.700000	0.000000	245.700000	245.700000
2026	145	48	245.700000	245.700000	0.000000	245.700000	245.700000	0.000000	245.700000	245.700000	0.000000	245.700000	245.700000
2026	145	49	245.700000	245.700000	0.000000	245.700000	245.700000	0.000000	245.700000	245.700000	0.000000	245.700000	245.700000
2026	145	50	245.700000	245.700000	0.000000	245.700000	245.700000	0.000000	245.700000	245.700000	0.000000	245.700000	245.700000
2026	145	51	245.700000	245.700000	0.000000	245.700000	245.700000	0.000000	245.700000	245.700000	0.000000	245.700000	245.700000
2026	145	52	245.700000	245.700000	0.000000	245.700000	245.700000	0.000000	245.700000	245.700000	0.000000	245.700000	245.700000
2026	145	53	245.700000	245.700000	0.000000	245.700000	245.700000	0.000000	245.700000	245.700000	0.000000	245.700000	245.700000
2026	145	54	245.700000	245.700000	0.000000	245.700000	245.700000	0.000000	245.700000	245.700000	0.000000	245.700000	245.700000
2026	145	55	245.700000	245.700000	0.000000	245.700000	245.700000	0.000000	245.700000	245.700000	0.000000	245.700000	245.700000
2026	145	56	245.700000	245.700000	0.000000	245.700000	245.700000	0.000000	245.700000	245.700000	0.000000	245.700000	245.700000
2026	145	57	245.700000	245.700000	0.000000	245.700000	245.700000	0.000000	245.700000	245.700000	0.000000	245.700000	245.700000

### Discussion in 12<sup>th</sup> OCC:-

SLDC has raised the issue centralized operation resulting in incorrect surplus indication with PWC. Also, the said issue has been discussed in IT subgroup meeting dtd-9/3/2026 , RCA is pending at M/s PWC level. The OCC Chairman directed to resolve the issue at the earliest.

*All OCC members took note of the same*

#### 4.4 Non-Compliant Declared Capacity (DC) Declaration During Peak and Off-Peak Hours

The CERC Suo-Moto Order dated 05.10.2025, Para 63.J.1.(iv), explicitly states that:

*“The generating stations shall not be permitted to declare Peak hours DC less than off-peak hours DC, other than in cases of forced outage or partial outage. Grid India shall strictly monitor the same. In case a generating station provides less DC during peak hours of the day than off-peak hours, the DC for such generating station for the purpose of fixed charges shall be taken as the lower of the two.”*

It has been observed that **some generating stations are regularly declaring artificially high DC during solar hours**, particularly when back-down instructions are received, and **conveniently reducing their DC during evening peak hours**. This practice **defeats the intent of the CERC directive**, misrepresents actual available capacity, and may adversely impact **grid security, scheduling transparency, and commercial settlement**.

In view of the above, the agenda item may deliberate on:

- Establishing a **proactive monitoring mechanism** at SLDC to identify such non-compliant DC declarations
- Ensuring **strict enforcement of the CERC provision**, including monitoring of peak vs off-peak DC patterns
- Application of the prescribed regulatory consequence, i.e., **consideration of DC for fixed charges as the lower of peak or off-peak DC**, in case of violation

**Proposal:**

To ensure fair and compliant DC declaration practices, **SLDC may implement and enforce the CERC directive** by systematically applying the provision of **taking DC for fixed charges as the lower of the peak or off-peak DC** for defaulting generating stations.

**Discussion in 12<sup>th</sup> GCC:-**

- 1) MSPGCL opined that the referred CERC order is not applicable to state entities; accordingly, the said directives of CERC shall not be made applicable to state generators.
- 2) TATA-G (Trombay) highlighted the difficulty in declaring high DC during non-solar hours, particularly in the evening, due to constraints in maintaining cooling water temperature.
- 3) Regarding DC monitoring, Chief Engineer, MSLDC, informed that a DC monitoring module shall be developed on the portal, and the development of the associated report shall be taken up with PwC.

Further, he directed that the proposal submitted by MSEDCL be circulated to all stakeholders for their comments and suggestions.

*All OCC members took note of the same*

#### **4.5 Economical Operation of Ghatghar Pumped Storage Plant**

MSEDCL expects the Ghatghar Pumped Storage Plant to be operated in pumping mode during economically favourable conditions, such as:

- a) Periods of heavy under-drawal
- b) High system frequency
- c) Low market clearing prices (particularly in the RTM and DAM)

This agenda was discussed during 11<sup>th</sup> OCC & Honourable Chairman given following directions

**“The Chairman of the OCC directed SLDC to explore the possibility to take the ghatghar pumping on bar in solar hours by monitoring the voltages and transmission constraints at 220kV Nashik – Babhaleshwar D/C.”**

But it is observed that shift engineers are not aware of such instruction and resulted non monitoring of voltage profile in vicinity of Ghatghar and pumping thereof.

Addition information about Ghatghar pumping mode operation:

**1. Ghatghar PSP is crucial for:**

- Peak demand management
- Utilization of surplus solar during day time
- Reducing costly market procurement during evening peak
- Grid balancing support

**2. Major Operational Issues**

**(A) Unit-2 Pumping Mode Non-Availability**

- Unit-2 not available for pumping since May 2024
- Completely under outage since 09.02.2026
- 0% availability in pumping mode

**(B) Frequent Forced Outages**

Availability Trend:

FY Unit-1 Unit-2

2024-25 95% 12%

2025-26 (till Feb) 77% 69% (Generation only)

Despite availability in generation mode, pumping constraints make optimal cycle impossible.

### **3. Day-Time Pumping Restrictions**

- Pumping not permitted during solar surplus hours
- Frequent outages prevent simultaneous operation of both machines
- High-cost power required for pumping when permitted
- Pumping duration increases due to single unit operation

Result: Full reservoir charge not achieved → Reduced peak generation

### **4. Severe Under-Utilisation**

As per design:

- Design Energy: ~469 MUs (Gen) / 641 MUs (Cycle Basis)
- Designed PLF equivalent ~73%

Actual generation (due to outages & restrictions):

- Only ~20% of design energy achieved

This indicates extreme under-utilisation of a peak support asset.

### **5. Financial Impact on MSEDCL**

- Annual Fixed Cost being paid:
- FY 2024-25: ~₹171.95 Cr
- FY 2025-26: ~₹169.85 Cr

Despite:

- Low pumping availability
- Reduced generation
- Inability to perform peak shaving function

Further Impact:

- Market procurement during peak up to ₹10/unit
- Additional burden on MSEDCL
- Rising demand (already >27,000 MW peak; summer approaching)

### **6. Economic Viability Condition**

For pumped storage viability:

Difference between Pumping Rate & Generation Rate should be  $\geq$  ₹3.66/unit

Due to:

- Pumping restrictions
- Single unit pumping
- Market constraints

The required price differential is not consistently achievable.

## **7. Key Concerns for OCC Deliberation**

MSEDCL requests OCC to deliberate on:

1. Restoration of full pumping capability of Unit-2 immediately.
2. Ensuring simultaneous availability of both machines.
3. Scheduling priority for pumping during solar surplus hours.
4. Clear roadmap for outage rectification with timelines.
5. Compensation mechanism:
  - Financial burden due to non-availability to be adjusted in Annual Charges.
6. Review of must-run operational framework for PSP.

## **8. MSEDCL Submission**

Due to:

- Frequent outages
- Pumping restrictions during day-time surplus
- Non-availability of both machines

MSEDCL is able to generate only ~20% of design energy, while paying full annual fixed charges.

This defeats the very purpose of PSP as a peak shaving and cost optimisation tool.

## **9. Proposal**

OCC may:

- Direct MSPGCL to ensure full technical restoration
- Mandate availability declaration norms for pumping mode
- Examine recovery/adjustment of fixed charges
- Monitor PSP operation weekly during upcoming summer peak

### **Discussion in 12<sup>th</sup> OCC:-**

The Ghatghar PSP should be able to operate within IEGC voltage band i.e. 198-245 kv(0.90—0.11 pu)

MSEDCL informed that Ghatghar pumping could not be availed during solar hours. In response, MSPGCL stated that due to low voltage (209 kV), pumping operations at Ghatghar could not be carried out. They further explained that maintaining voltage requires increased excitation of the machine, which in turn leads to higher current.

The SLDC representative informed that the overloading of 220kV Babhleshwar-nashik D/C line is experienced in the Nshik region. However, increased renewable energy inflow from the Navsari towards Nashik during solar hours has led to an improvement in grid conditions, thereby facilitating pumping operations at Ghatghar. MSLDC has requested the Load Management (LM) Cell of MSEDCL to pursue and maximize Ghatghar pumping operations during solar peak hours. Ghatghar PSP unit-1 was operated in pumping mode for 6.15 Hrs in Jan 2026, 16.65 Hrs in Feb 2026 and 44 Hrs in March 2026 during solar hours.

Also, Chief Engineer (Hydro),MSPGCL stated that they will attempt to operate the machine after tap changing of the generator transformer.

The Chairman, OCC, recommended that MSPGCL to take all feasible measures, such as capacitor arrangements at generating units, to enable pumping at Ghatghar PSP during solar hours.

*All OCC members took note of the same*

**Item no 5. Agenda item from RattanIndia Power Limited (RPL):**

RattanIndia Power Limited (RPL) proposes the following agenda points for discussion in the said meeting. RPL as per earlier mail dated 24th Sep 2024 has queried on the implementation of LPS Rule-2022 against which SLDC on 24th Oct 2024 (attached) has confirmed the difficulties in implementing the same. However, post this mail we are not aware of any recent updates on the same.

**Concerns of RPL on implementation of LPS Rule-2022**

**1. Mock Trials and required SLDC support on completing the left-out activities**

The implementation of this rule is a significant event, and any gap in procedural clarity may result in financial implications.

**Request:** Kindly provide at least a one-month gap after declaration of the implementation date to allow mock trials, gain hands-on experience, and complete any pending activities for registration, etc.

**2. IEX Registration – SLDC Confirmation Required**

Registration of RPL units with the exchange is still pending for want of SLDC confirmation, as already highlighted by IEX and shared with SLDC.

**Request:** We seek your support in facilitating this confirmation to enable timely registration and ensure compliance, thereby avoiding any financial loss.

**3. Formats and Documentation Requirements**

**Request:** Kindly share prescribed formats (affidavits, supporting documents, etc.) in advance required for applying NOC in NOAR.

**4. Need for Single-Point Integration**

The present procedure involves email exchanges and manual/software punching into exchange platforms, which is inefficient and error-prone.

**Request:** Arranging to integrate the entire workflow through a single platform / software, preferably the existing DSM software for display of un-requisitioned quantum, will help avoid operational errors prior to commercial implementation of LPS Rule.

**5. Requisition Submission by Discoms – Timeline Conflict**

Discoms are required to submit requisition confirmations by 10:00 hrs, while Traders must upload details to IEX by 09:30 hrs, creating a direct conflict.

**Request:** We understand that revised timeline is already proposed in amendment and submitted to commission. Requesting to provide status as utility can do this activity through traders which is conflicting with the existing timeline and can result in financial loss.

**6. Clarification on Declared Capacity (DC) for MSEDCL Billing**

Concerns remain regarding alignment of traded quantum deductions from DSM software with

fixed charge billing to MSEDCL.

**Request:** Please clarify reconciliation procedures and confirm that billing will remain consistent with PPA provisions, avoiding any loss to generators.

#### **7. Exemption for Post-Tripping and Ramp-Up / Down Blocks**

Events such as tripping or ramping during synchronization are beyond the generator's control.

**Request:** Such blocks should be exempted from penalization.

#### **8. Penalty Exemption in Exceptional Circumstances**

Given the short notice of implementation and limited trials, software or communication errors may arise.

**Request:** Kindly exempt affected blocks from penalties in such exceptional cases at least for one month post implementation of LPS rule 2022.

#### **9. Rescheduling Charges and NOC Requirements**

The framework mandated by CEA may cause additional charges (e.g., monthly NOCs, re-scheduling).

**Request:** We propose exemption from such charges on account of un-requisitioned power, and issuance of a one-time NOC, unless configuration changes occur.

#### **Discussion in 12<sup>th</sup> OCC:-**

The Chief Engineer, MSLDC, informed that all submissions/comments received from stakeholders regarding LPS implementation at the state level have been forwarded to MERC, WRLDC, NLDC, etc., for further guidance and necessary regulatory provisions, as on 26.06.2025 and 24.04.2025.

*All OCC members took note of the same*

#### **Item no 6. Agenda from TPCL (received on 10.03.2026) :**

##### **1. SCADA Visibility of KVTL Vikhroli, MSETCL Borivli and MSETCL Waghivli :**

SLDC has provided MMR lines and 400KV input line real time data through ICCP. Additionally, similar real time data is required for all connected elements of KVTL Vikhroli (MW, MVAR, Breaker & Isolator status), MSETCL Borivli (MW) and MSETCL Waghivli (MW) for real time monitoring of Mumbai Power System.

#### **Discussion in 12<sup>th</sup> OCC:-**

**The Chairman of OCC directed that a joint meeting be convened with the SLDC-SCADA, KVTL and TPCL-SCADA teams to resolve the issue mentioned above.**

*With due deliberations, OCC took a note of the same.*

##### **2. 220KV Tata Waghivli-MSETCL Waghivli interconnection:**

Present Status of 220 KV MSETCL Ulwe – Waghivli cable repairs / replacement and action plan for taking 220KV MSETCL Waghivli – Tata Waghivli 1 & 2 tie lines in service.

**Discussion in 12<sup>th</sup> OCC:-**

The Chairman, OCC, instructed MSETCL to provide complete details for the final commissioning of the 220 kV Ulwe–Waghivli line.

*With due deliberations, OCC took a note of the same.*

**3. BPSU Pumping approval:**

We intend to pump water every day. At present, SLDC and MSPGCL consent is required on Day ahead basis and in real time.

We request MSLDC and MSPGCL for monthly consent. In real time we will take approval from MSLDC before pumping operation.

**Discussion in 12<sup>th</sup> OCC:-**

S.E. (Operation) informed that the Bhira pumping procedure is currently in the draft stage, and the possibility of incorporating monthly approval for Bhira pumping shall be explored while finalizing the procedure.

*With due deliberations, OCC took a note of the same.*

**4. DSM software issues:**

It is observed that DSM software faced issues on multiple occasions leading to scheduling and operational difficulties for Generator and Discoms. Reliability & availability of DSM site need to be improved. Same to be taken up with concerned agencies.

Also, methodology / guidelines of operation during the period of non-availability of DSM site is to be developed.

**Discussion in 12<sup>th</sup> OCC:-**

The Chief Engineer, MSLDC, informed that, to enhance the performance of the DSM software, the database has been upgraded from the Standard Edition to the Enterprise version. It was further stated that approximately one month will be required to monitor and resolve all data-related issues in the new Enterprise version.

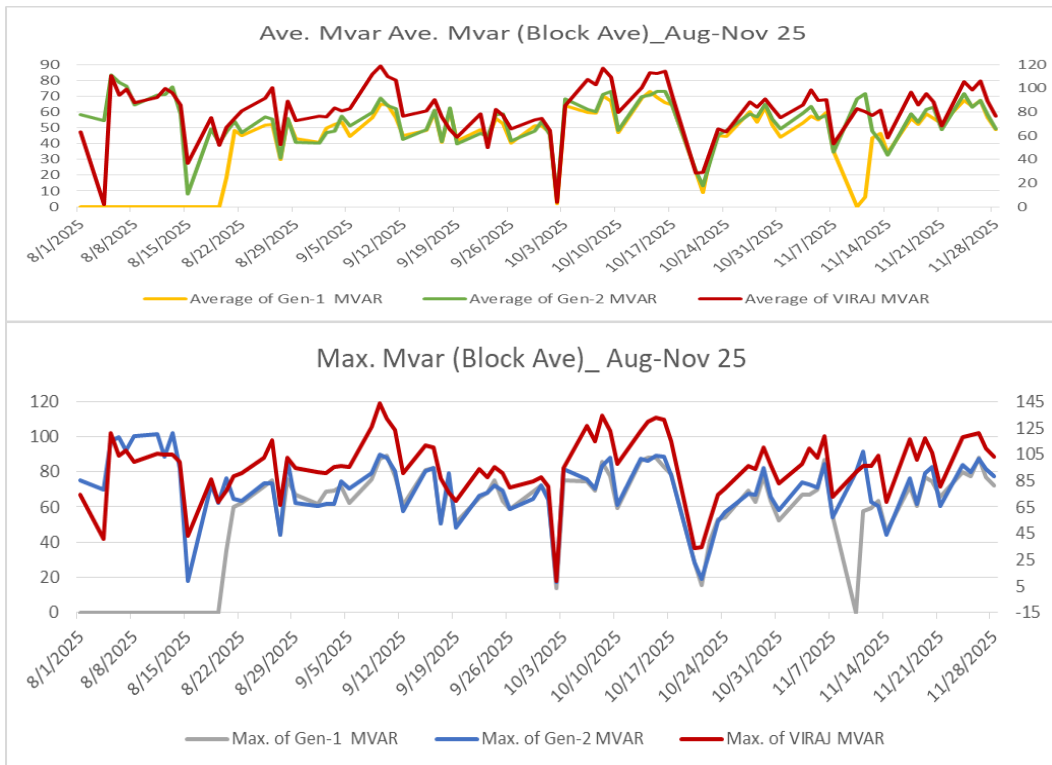
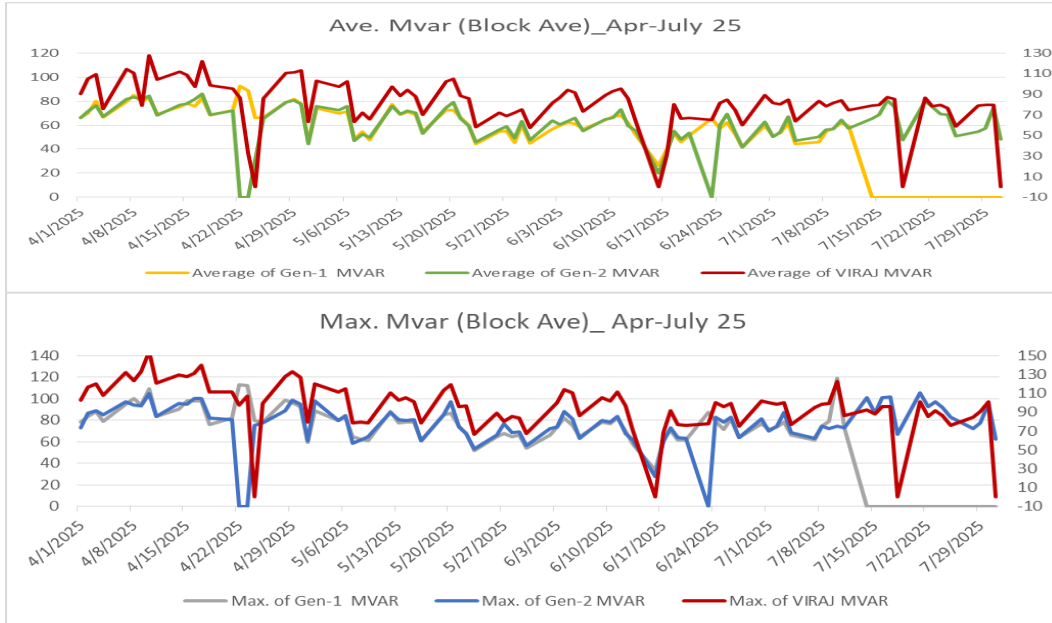
*With due deliberations, OCC took a note of the same.*

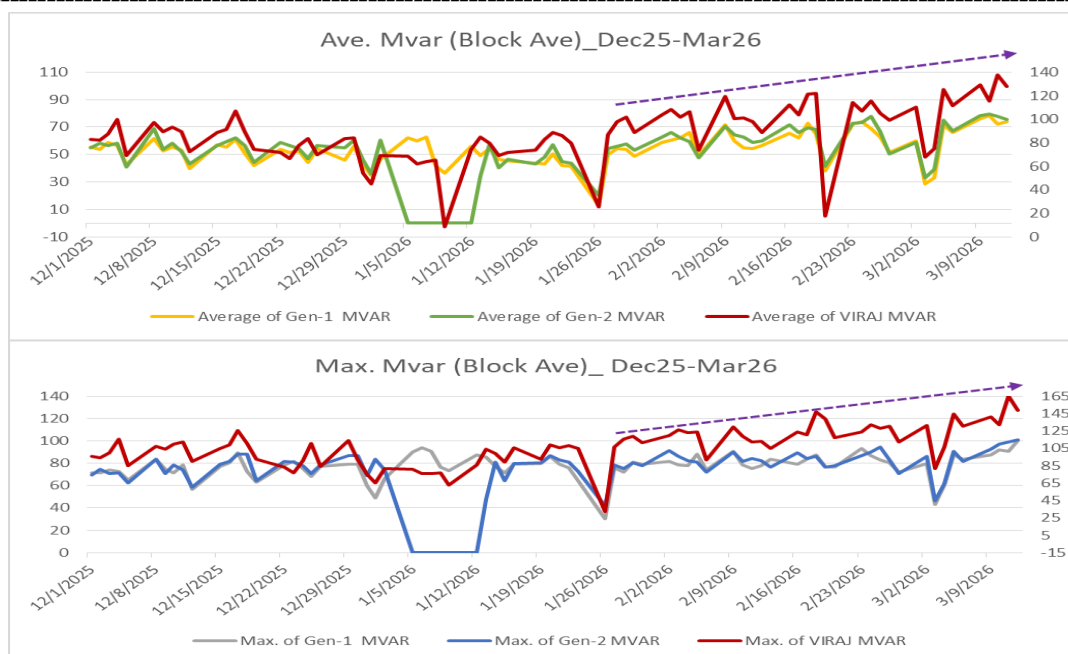
**Item no 7. Agenda point from ADTPS (17.03.2026)**

- 1. High Mvar Flow on 220KV Dahanu-Viraj Line:** The Mvar Flow on Dahanu-Viraj Line has increased inconsiderably. This Mvar requirement is being shared by ADTPS units. This is leading to active power reduction of Dahanu Units.

The Mvar flow on Viraj Line and Mvar Sharing of ADTPS units for the period April-25 to March-26 (till 12.03.2026) is shown as below:

The Blockwise Average values of BLOCKS during peak period i.e. 1000 Hrs to 1300 Hrs & 14:30 Hrs to 16:30 Hrs are considered





**Discussion in 12<sup>th</sup> OCC:-**

ADTPS raised concerns regarding excessive reactive power (MVAR) flow on the Dahanu–Viraj 220 kV corridor, which resulted in the tripping of the Viraj line during the past week.

SLDC explained that the high MVAR flow is primarily attributed to overloading of the Bhoisar–PGCIL corridor, leading to reactive power imbalance in the region. Additionally, with the commencement of power evacuation from the 400 kV Kudus substation and the HVDC Kudus–Aarey link injecting approximately 350 MVAR during morning (light load) conditions, the reactive power surplus has further aggravated voltage and line loading issues.

It was further informed that corrective measures are being undertaken, including addressing performance issues in the Nalasopara–Vasai corridor and regulating reactive power drawal at Bhoisar (PGCIL) and Viraj substations. The revival of the Padgha–Nalasopara line is expected to provide an alternate path for reactive power flow and improve system stability.

Furthermore, the commissioning of the 5th ICT (500 MVA) at Bhoisar PGCIL, anticipated by end of April, will enhance transformation capacity, improve load sharing, and help mitigate reactive power and overloading issues in the region.

*With due deliberations, OCC took a note of the same.*

2. **Procedure for FGMO certification:** The certification process for FGMO as mandated under Clause 29.4(d) of the MERC MYT Regulations 2024 is yet to be received. Same was also discussed in 11<sup>th</sup> OCC meeting.

**Discussion in 12<sup>th</sup> OCC:-**

The OCC Chairman directed MSLDC to formulate a procedure for certification of FGMO operationalization at the state level.

*With due deliberations, OCC took a note of the same.*

Annexure 1

Action Taken Report						
Sr no.	OCC Agenda point No.	Agenda Details	Action to be taken by	OCC recommendation / Compliance required	Status of action	Discussion/Decision in 12 <sup>th</sup> OCC
1	8 <sup>th</sup> OCC Item No.3.2	<b>High quantum of Partial Outages in MSPGCL units:</b>	MSPGCL	MSPGCL should submit short term and long-term plan to avoid partial outages.	<b>Status as informed on 9 th OCC meeting. :</b> MSPGCL representative said that meetings were conducted in this respect and the plan will be submitted soon.	MSPGCL has intimated that, due to the receipt of coal with low Gross Calorific Value (GCV), partial outages may occur at the Chandrapur, Khaparkheda, and Nashik generating units.  In this regard, the Chairman, OCC, has directed that a detailed report/compliance be submitted on the issue, including its impact and corrective measures, as the matter has already been discussed in the last three OCC meetings.
2	8 <sup>th</sup> OCC Item No.3.5	<b>Regarding implementation of FGMO in intra state generating units in compliance to MEGC 2020 and IEGC 2023:</b>	Generators	All generators to submit a detailed plan for operation under FGMO.	<b>Status as informed on 9 th OCC meeting:</b> Till date all the intra state generator except MSPGCL are operating under FGMO. OCC instructed MSPGCL to submit the progress.	OCC has directed that a detailed plan be submitted specifying the generating units to be operated under FGMO, along with the corresponding operational strategy and timelines.
3	8 <sup>th</sup> OCC Item No.3.10	<b>Updation of SCADA SLDs / Elements of Mumbai network for safe operation at SLDC</b>	SCADA, SLDC/Mumbai Utilities	SCADA department of SLDC to share printouts of the existing configuration in SCADA with concerned utilities in Mumbai Network. Also, SCADA dept. to ensure the identified elements are added in SCADA system & unnecessary data points to	<b>Status as informed on 9 th OCC meeting</b> Latest SLDs of the substations may be shared with SCADA department for updation of network elements. OCC instructed SCADA dept, MSLDC to	SCADA dept has agreed to completed the Targeted works by 31 <sup>st</sup> March 2026.

				be deleted and to share connectivity issues with AC&I dept. He asked concerned utilities to depute authorized personnel for updation of data points at SCADA dept. SLDC by 30.11.24. In addition, he asked to conduct a separate meeting with CR.	schedule a meeting in this regard and resolve the issue to the maximum extent.	
4	8 <sup>th</sup> OCC Item No.3.12	<b>New Targets of the relief quantum at each stage of AUFLS for Maharashtra State.</b>	MSEDCL	The chairman instructed MSEDCL to confirm the feeder segregation. The Chairman has asked to follow-up for above with MSEDCL. Also, SCADA sect. to ensure and follow up for telemetry plan/status of these feeders' visibility at SLDC.	<b>Status as informed on 9<sup>th</sup> OCC meeting:</b> <b>Meeting</b> was conducted on 8th April 2025 with ACI and MSEDCL. Updated list of EHV feeders to be included in stage 3 & 4 sent by ACI on 22.04.2025 to MSEDCL for confirmation purpose. Details awaited from MSEDCL. CE, ACI informed that meeting conducted and instructions issued to all PACs to submit within a week. OCC instructed to submit UFR telemetry status along-with above.	<b>Progress should be taken separately.</b>
5	11 <sup>th</sup> OCC Item No. 3.5	<b>Analysis of Recent Grid Disturbances and Compliance</b>	CE O&M	The Chairman of OCC instructed the Chief Engineer (O&M), MSETCL to follow up on the O&M-	Mail sent to Chief Engineer (O&M), MSETCL on	SE-1, Trans O&M stated that Status will be submitted at the earliest.

		<b>on Corrective Actions</b>		related suggestions made by MSLDC and provide feedback to MSLDC at the earliest.	10.11.2025 & 09.02.2026 Reply awaited	
6	11 <sup>th</sup> OCC Item No. 3.6	<b>Delay in response of Transmission licensees from remote operating substation.</b>	MSLDC	The Chairman of OCC directed that a separate meeting be convened with M/s APML, M/s MEGPTCL, M/s ATIL, M/s KVTL, M/s ENOC, and Mumbai utilities along with the M/s MSETCL team under the MTAMC project to define a streamlined process to avoid such instances in the future for remotely operated substations. The Superintending Engineer (Operations), MSLDC shall conduct this meeting and prepare procedure.	Mail sent on 11.02.2026 to Adani Vikhroli s/s for furnishing the following details: 1.Shift-wise staff deployment pattern 2. Designation-wise sanctioned strength and present working strength.  Reply received from the Vikhroli s/s through mail on 11.02.2026	OCC has directed that the procedure be finalized and presented in the next OCC meeting
7	11 <sup>th</sup> OCC Item No. 3.8 & 4	<b>3.8 Installation of GTS at various transmission elements wherein RE generation is curtailed.</b> <b>4 Request for implementation of corrective measures, including RE curtailment, by</b>	MSLDC	4.1 The Chairman of the OCC directed MSLDC to prepare a detailed process of monitoring & curtailment of RE Generation connected to 220 kV below network and update the same in the RE Curtailment Procedure and get	Published for seeking comments from stakeholders	OCC has directed that the RE Curtailment Procedure be finalized and presented in the next OCC meeting.

		<b>MSLDC to control heavy under-drawl during solar hours.</b>		<p>comments/suggestions from various stake holders in the State in accordance with the provisions of the MEGC'2020.</p> <p>The Chairman of the OCC informed that the revised RE curtailment procedure is under preparation, and once ready it will be circulated to stakeholders for their comments. Any stakeholder wishing to include additional points can submit their suggestions during the comment period, which may then be incorporated into the final procedure.</p>		
8	11 <sup>th</sup> OCC Item No. 3.9	<p><b>3) SCADA data of IPP/CPP/RE generations needs to be visible to both at generation plant as well as pooling end.</b></p> <p>4) Request is being received from the field during FTC to charge the</p>	MSLDC/STU	<p>The Chairman, OCC, directed that a formal communication/letter be issued to the State Transmission Utility (STU) to initiate necessary steps for improving SCADA data visibility by coordinating with stakeholders, including IPP/CPP/RE generators,</p>	MSLDC issued a letter to STU vide letter No. CE/MSLDC/REMC-SCADA/No.2600 dated 01.12.2025	Feedback from STU to be availed.

		Substation/Elements without visibility of SCADA data.		through the STU communication network, if necessary, on a chargeable basis, in accordance with the Amended MERC F & S Procedure, 2025.		
9	11 <sup>th</sup> OCC MSEDCL Agenda no 5.1	It has been observed that the SLDC website is reflecting post-facto changes in the published Net Schedule data. A specific instance was noted on 27-08-2025, where substantial changes were observed after the fact in the following components: • CENTRE • INTRASTATE MTOA • INTRASTATE LTA • RTM_IEX • INTRASTATE GENERATION • REMC • Target Injection Schedule (Ex-Bus) • Demand Schedule (T), etc.	MSLDC	The Chairman of the Operation & Coordination Committee (OCC) directed SLDC to take up the issue with PwC (if PwC is handling the backend work) and get a detailed Root cause analysis (RCA) on the issue. Also define a process such that, when any critical activity is taken up by the backend PwC team; it shall be informed beforehand to MSLDC & once PwC completes the work, all stakeholders can review their schedules. The RCA shall be analyzed with the involvement of the IT representatives of the stakeholders under the IT sub-group for further discussion.	To discuss the issue, a meeting was held on 09.03.2026, Comments from Stakeholders are awaited.	Comments to be submitted in the next OCC meeting.

10	11 <sup>th</sup> OCC MSEDCL Agenda no 5.2	<p>on 08/09/2025 and 09/09/2025, load shedding was implemented exclusively in MSEDCL's area, despite the fact that MSEDCL was not the sole beneficiary facing a shortfall during those periods.</p> <p>SLDC did not appear to consider or address shortfalls from other beneficiaries such as: • Railways • AEML • TATA Power • Sellers under-injecting into the system As a result, load curtailment was imposed disproportionately on MSEDCL, while other defaulters were not subjected to similar restrictions. This raises concerns regarding the fairness and transparency of the current methodology</p>	MSLDC	<p>The Chairman of OCC directed SLDC to form the group from stakeholder to monitor the real time load generation balance of individual Discoms and to finalize the any load curtailment actions at resource shortfall scenarios in the state. -</p>	<p>MSLDC sent a mail for nomination from stakeholder to form a group. Nomination only received from Indian Railways &amp; TPCL.</p>	<p>The Chairman, OCC, has directed that all OCC-nominated members shall be included in a stakeholder group to monitor the real-time load-generation balance of individual DISCOMs and to finalize any load curtailment actions during resource shortfall scenarios in the state.</p>
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		being followed by SLDC for monitoring real-time shortfalls and enforcing load shedding.				
11	11 <sup>th</sup> OCC MSEDCL Agenda no 6	Request to honor the technical minimum while computing the net demand scheduled when the scheduled demand is lower than the technical minimum:	MSLDC	The Chairman of OCC instructed that a separate meeting will be convened to discuss this agenda.	Meeting will be held shortly	Separate meetings will be held with all distribution licensees.
12	11 <sup>th</sup> OCC Item No. 6.1 TPCL Agenda:	SCADA Visibility of KVTL Vikhroli, MSETCL Borivli and MSETCL Waghivli :	MSLDC	The Chairman of OCC directed that a joint meeting be convened with the SLDC-SCADA, KVTL and TPCL-SCADA teams to resolve the issue mentioned above.	Complied	Complied
13	11 <sup>th</sup> OCC Item No. 6.2 TPCL Agenda:	KVTL support is required for attending communication issues on priority, which affected differential protection of 220 KV KVTL Vikhroli – Salsette 1, 2 & 3 and ICCP data.	MSLDC	The Chairman of OCC directed that the matter of inter-utility communication also be taken up in a MCCC / PCC forum.	2 <sup>nd</sup> MCCC meeting is awaited	The issue need to take in PCC meeting.



**12th OCC meeting on 17.03.2026 @ 16:00 Hrs at MSLDC, Airoli through VC**

Sr. No.	Name	Designation	Organization / Company	Mobile No.	E-mail
1	Gopal Kaushik	Sr. Manager	RattanIndia Power Ltd.	7028938800	<a href="mailto:gopal.kaushik1@rattanindia.com">gopal.kaushik1@rattanindia.com</a>
2	Pundlik Wanwe	General Manager	Dhariwal Infrastructure Limited	9561112008	<a href="mailto:pundlik.wanwe@rpsg.in">pundlik.wanwe@rpsg.in</a>
3	Pankaj Nagdeote	Chief Engineer (Works)	MSPGCL	9930144834	<a href="mailto:cegw@mahagenco.in">cegw@mahagenco.in</a>
4	Kishor Shirsath	Executive Engineer (Works)	MSPGCL	8876641163	<a href="mailto:eegw5@mahagenco.in">eegw5@mahagenco.in</a>
5	Gunesh Kusrkar	Group Head	TP Saurya Limited	9930867996	<a href="mailto:gunesh.kusrkar@tatapower.com">gunesh.kusrkar@tatapower.com</a>
6	Amit Panchalwar	Sr GM	RattanIndia Power Ltd.	9503229333	<a href="mailto:amit.panchalwar@rattanindia.com">amit.panchalwar@rattanindia.com</a>
7	Ashish Kunal	DGM	RattanIndia Power Ltd.	7387900378	<a href="mailto:ashish.kunal@rattanindia.com">ashish.kunal@rattanindia.com</a>
8	Deepak Veer	Head - Grid Operations	TATA Power	9920316110	<a href="mailto:ddveer@tatapower.com">ddveer@tatapower.com</a>
9	Hemant Karadkar	Head Operations- Trombey	TPC-G	9223553195	<a href="mailto:karadkarhr@tatapower.com">karadkarhr@tatapower.com</a>
10	Mahesh Andhari	Head Operation (Distribution & Transmission)	AEML	9323549996	<a href="mailto:mahesh.andhari@adani.com">mahesh.andhari@adani.com</a>
11	Ranjeet Savardekar	Head ABT	AEML	9324818009	<a href="mailto:Ranjeet.Savardekar@adani.com">Ranjeet.Savardekar@adani.com</a>
12	Sourav Sharma	Manager-O&M	ATIL	8233552863	<a href="mailto:saurabh.sharma@adani.com">saurabh.sharma@adani.com</a>
13	Prasanna Ghatge	AGM(Head-OSTS)	JSW	9552577141	<a href="mailto:prasanna.ghatge@jsw.in">prasanna.ghatge@jsw.in</a>
14	Madhukar Rane	Dupty Chief Engineer	BEST		
15	Vaibhav Sansare	Associate Manager Transmission	JPTL	9552577122	<a href="mailto:vaibhav.sansare@jsw.in">vaibhav.sansare@jsw.in</a>
16	Pravin Annachatre	SE (LM) MSEDCL	MSEDCL	9833980238	<a href="mailto:selmkalwa@gmail.com">selmkalwa@gmail.com</a>
17	Gopinath Ghodake	EE (LM) MSEDCL	MSEDCL	7030250444	<a href="mailto:selmkalwa@gmail.com">selmkalwa@gmail.com</a>

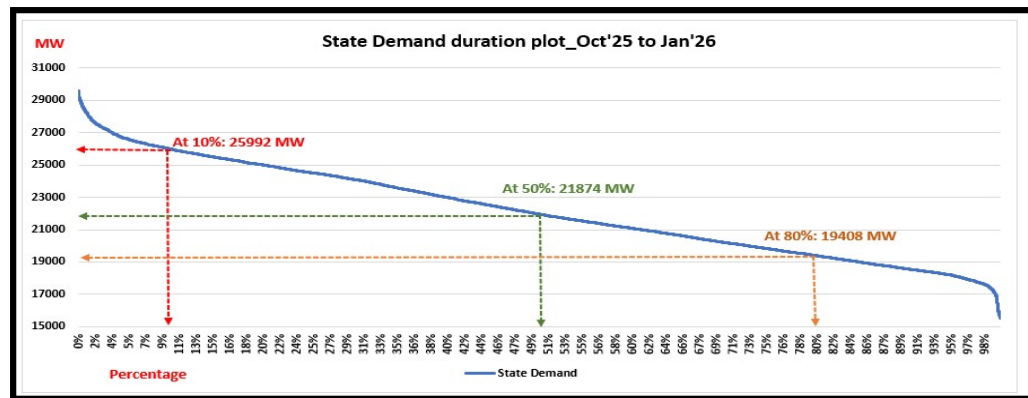
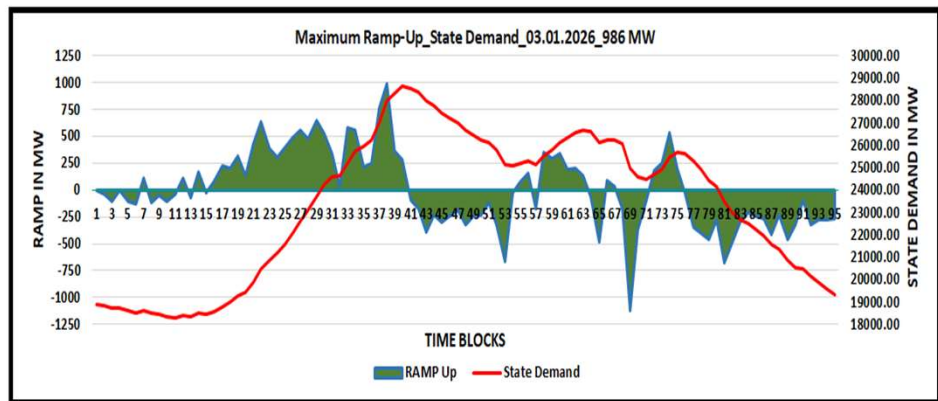
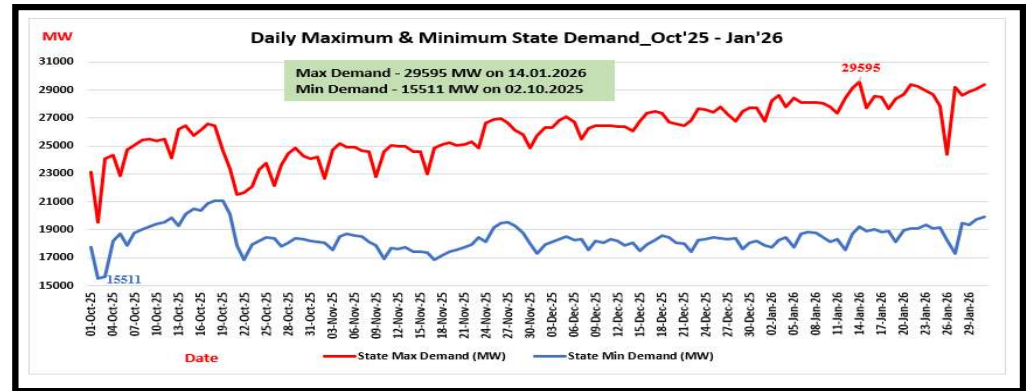
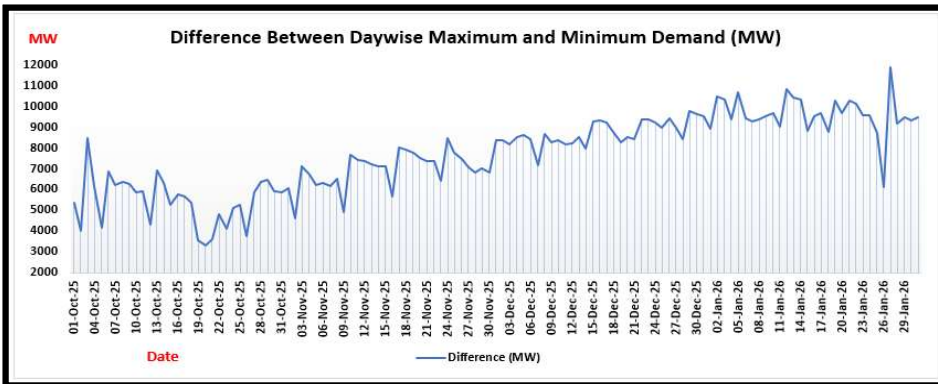
The image shows the Maharashtra State Load Despatch Centre, a large, modern building with a distinctive architectural style. The building features several tall, cylindrical towers with blue and white facades and red accents at the top. The building is surrounded by lush greenery, including palm trees and other tropical plants. The sky is clear and blue. The text is overlaid on the image in a blue, serif font.

**Maharashtra State Load Despatch Centre**  
**“System Grid Performance for October 2025-  
January 2026”**  
**(October2025-January 2026)**

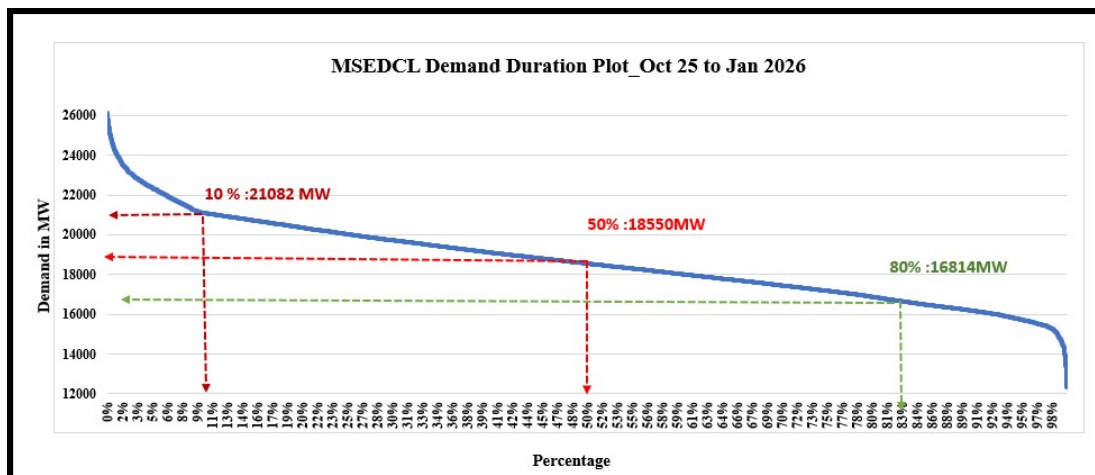
**17-03-2026**

# State Demand Profile from Oct'25 – Jan'26

- Maximum demand during Oct'25 to Jan'26 is 29595 MW at 11:15 hrs. on dt.14.01.2026
- Maximum daily variation: 11895 MW on 27.01.2026
- 10 % of the period, demand was above 25992 MW.
- 50 % of the period, demand was above 21874 MW and 80% of the period, demand was above 19408 MW.

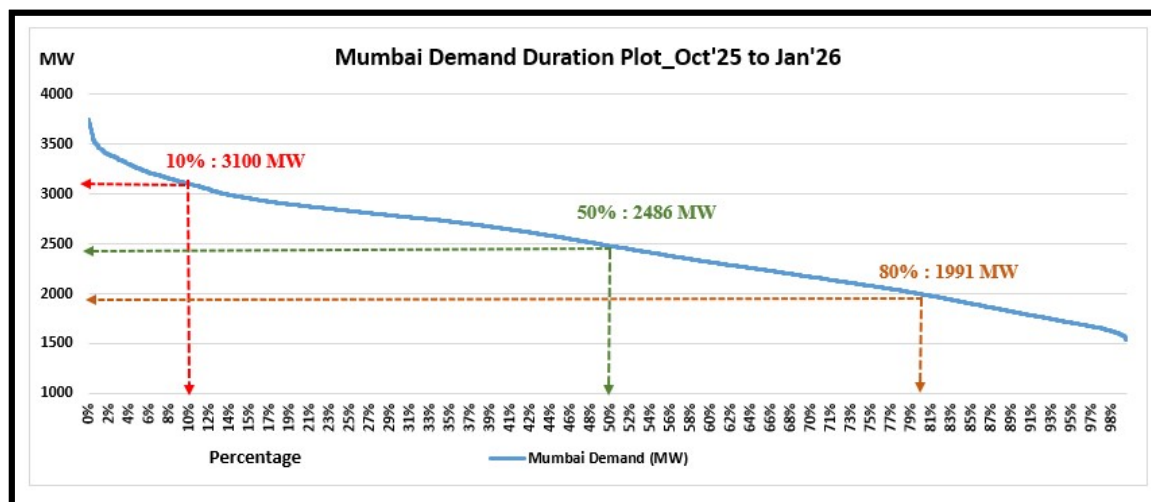


## Demand Profile\_ MSEDCL & Mumbai from Oct'25 – Jan'26

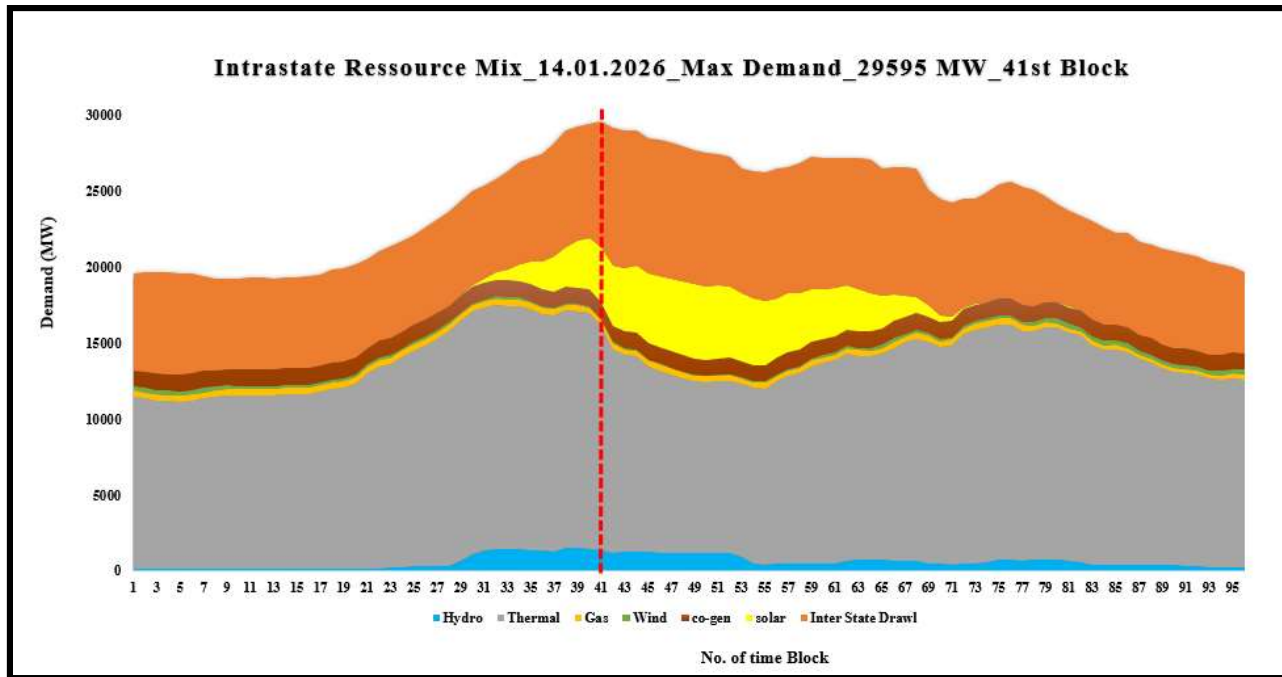


- MSEDCL maximum demand during Oct'25 to Jan'26 is 26147 MW at 10:15 hrs. on dt.14.01.2026
- 4% of the period, demand was above 22429 MW.
- 50 % of the period, demand was above 18550 MW.
- Demand was above 16814 MW for 80 % of the period.

- Mumbai maximum demand during Oct'25 to Jan'26 is 3754 MW at 10:15 hrs. on dt.17.10.2025
- 10% of the period, demand was above 3100 MW.
- 50 % of the period, demand was above 2456 MW.
- Demand was above 1991 MW for 80 % of the period.



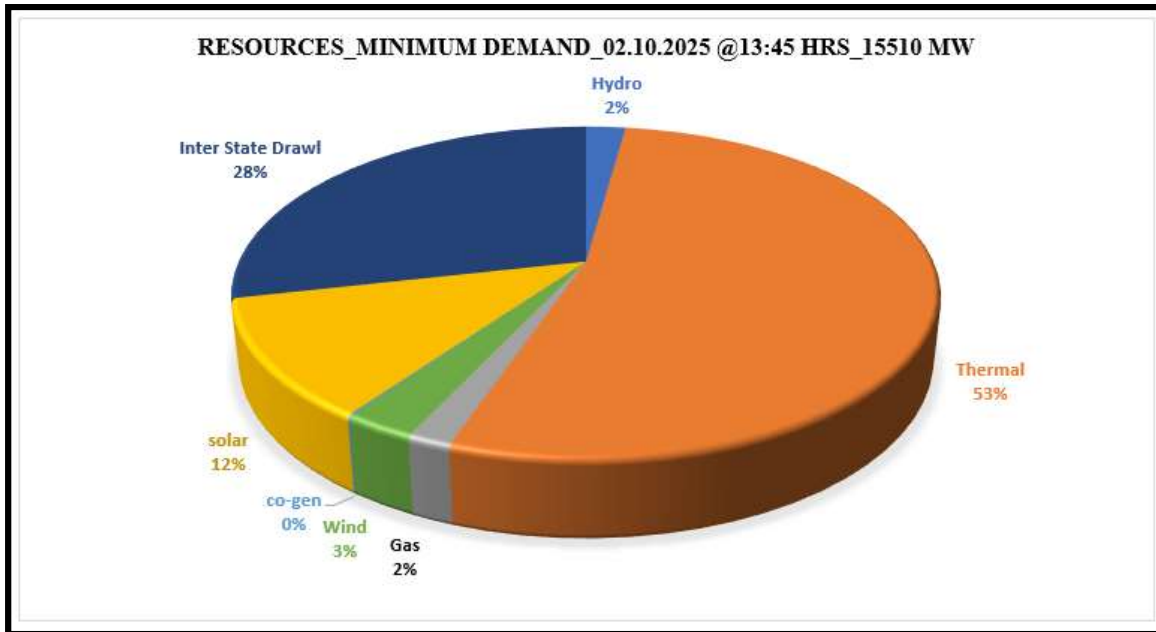
## Resource Mix of the State\_ Peak Demand from Oct'25 – Jan'26



Source	Injection (MW)	Contribution (%)
State Thermal	14770	50%
Gas	414	1%
Hydro	1345	5%
Co-Gen	1111	4%
Solar	3670	12%
Wind	46	0%
Central Sector Receipt (ISTS)	8239	28%

- The contribution of Renewable Energy (Wind + Solar) in mitigating State Peak Demand is 12 %
- State is mainly relying on the thermal generation for meeting peak demand

## State Minimum Demand Scenario from Oct'25 – Jan'26

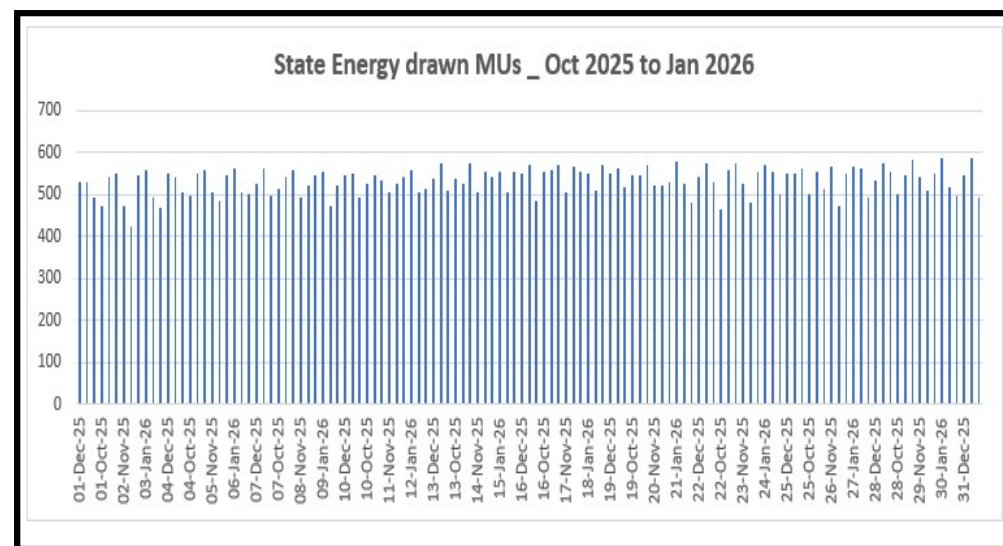
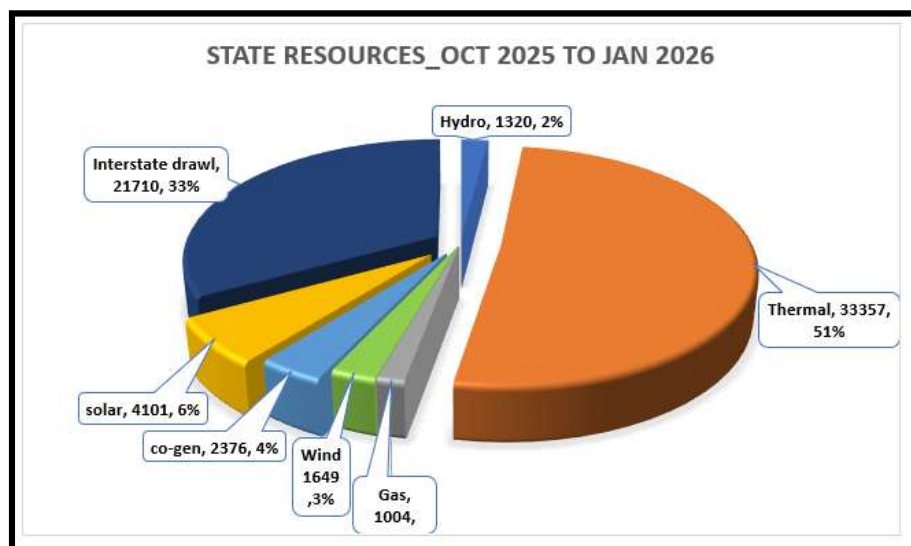


Source	Injection (MW)	Contribution (%)
State Thermal	8238	53%
Gas	266	1%
Hydro	335	2%
Co-Gen	15	0%
Solar	1800	12%
Wind	433	3%
Central sector Receipt (ISTS)	4424	29%

The minimum Demand catered by the State was 15510 MW on 02.10.2025 at 55th time block i.e. at 13:45 hrs. This demand was met by various Intra as well as Inter-State resources. RE curtailment (2859.65 MW) were carried out due to heavy under drawl.

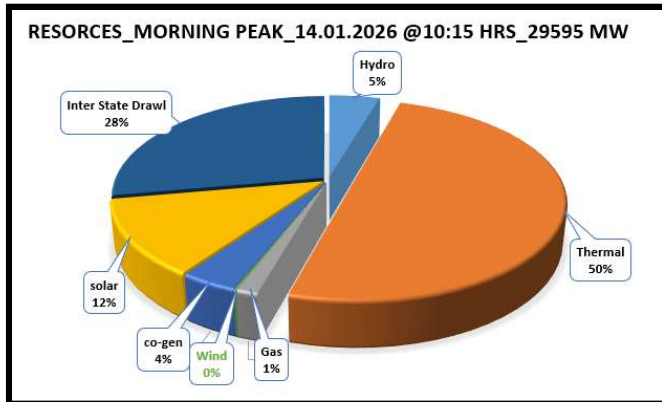
## Energy Profile of the State\_ Oct'25 to Jan'26

Oct 2025 to Jan 2026	Source	Hydro	Thermal	Gas	Wind	Co-gen	Solar	Central Sector Receipt	Total
	MU	1320	33357	1004	1649	2376	4101	21710	65516
	%	2	51	2	3	4	6	33	100



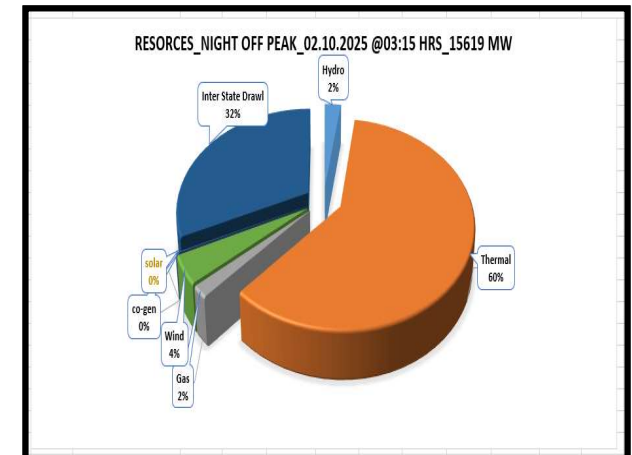
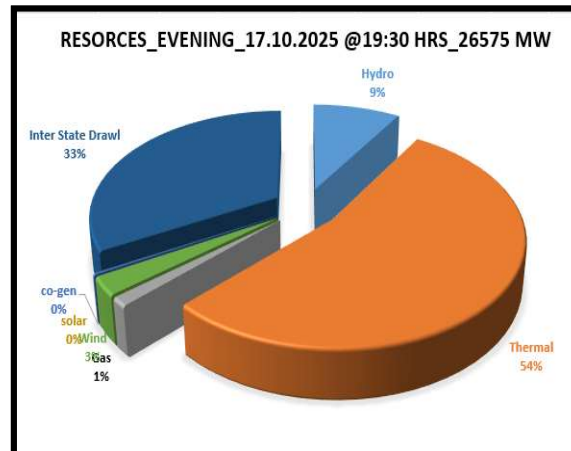
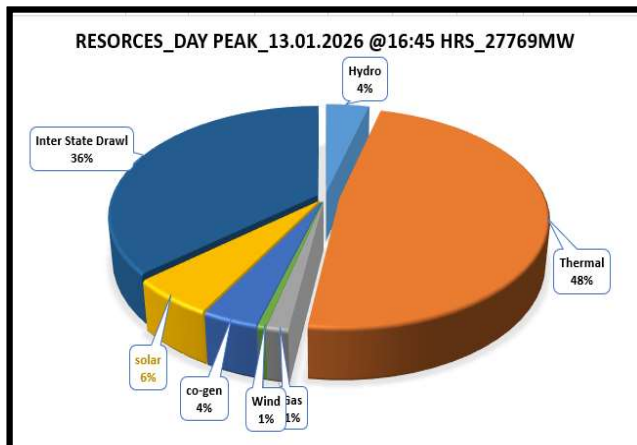
- Total contribution of Thermal generation is **51 %** which excludes the thermal energy used from ISGS resources
- The contribution of variable RE i.e. Wind & Solar generation is only **9%**

## Resource Mix of the State\_ 4 Cardinal Points



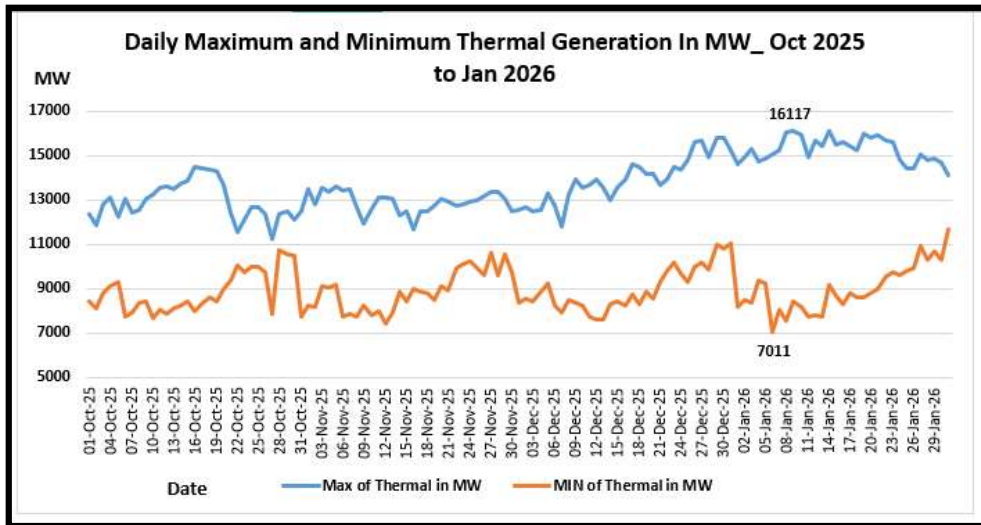
The timing for selection of 4 cardinal points is tabulated below:

Scenario/Time	From Hrs	To Hrs	From TB	To TB
<b>Morning Peak</b>	7:00	13:00	29	52
<b>Day Peak</b>	13:00	18:00	53	72
<b>Evening Peak</b>	18:00	22:00	73	88
<b>Night Off-Peak</b>	22:00	07:00	89	28

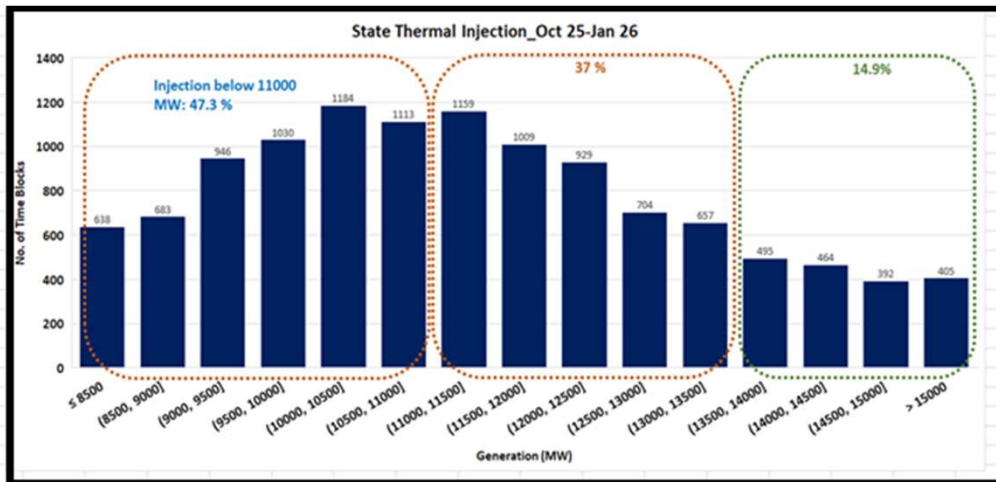


- With the increased penetration of Solar Generation, Day-time contribution reduces reliance on thermal generation
- To meet evening Peak & Night Off-peak demand, thermal contribution is high

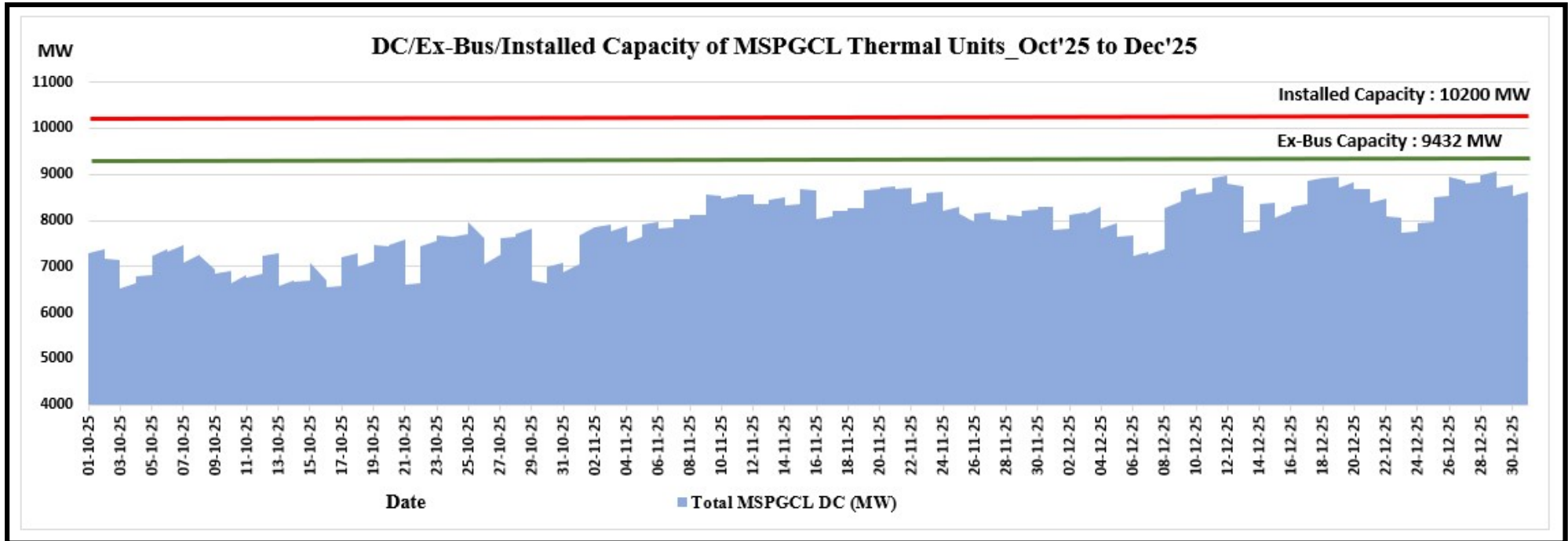
## Thermal Generation\_ Injection Patterns



- Installed Capacity:
  - MSPGCL: 10200 MW
  - IPP: 10090 MW
- Total injection from Thermal units is ranging from 7701 MW to 16074 MW
- Maximum daily variation is 8531 MW.
- For 47.3% of the period, injection from Thermal generation is below 11000 MW
- Injection is above 13500 MW only for 14.9 % of the period
- For remaining 37 % of the period, thermal injection is between 11000 MW to 13500 MW

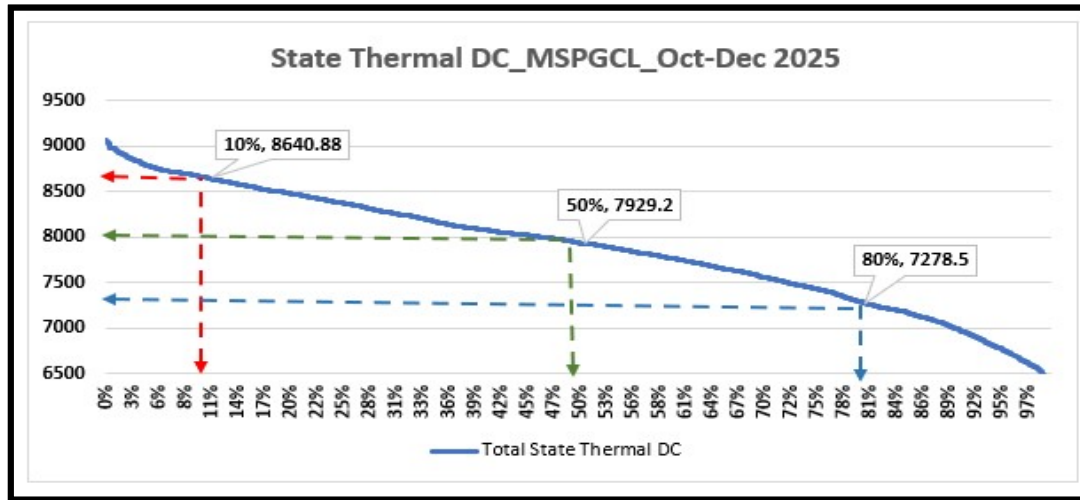


## MSPGCL Thermal- Declared capacity (MW) from Oct'25 – Dec'25



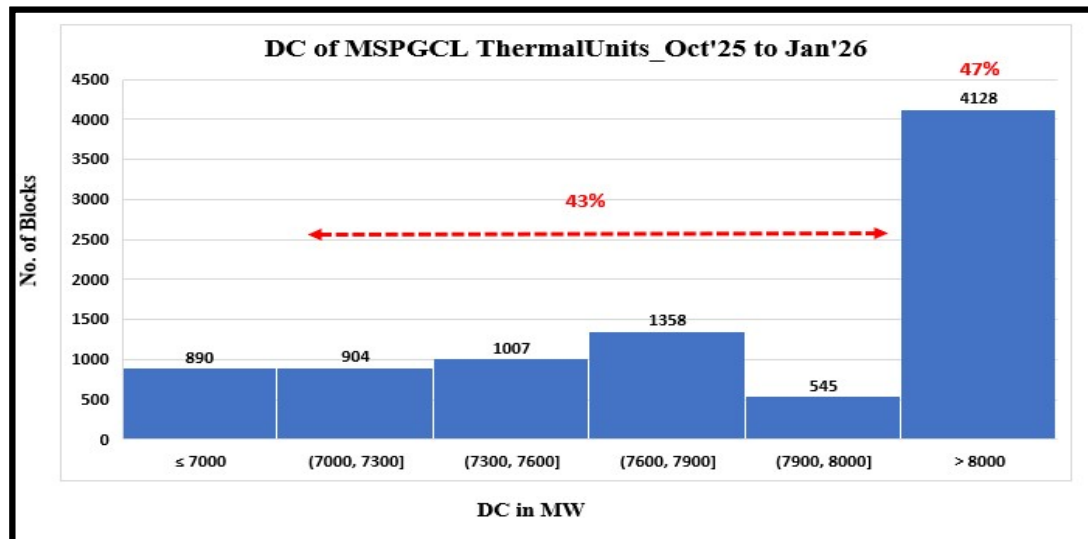
The total installed capacity of Thermal units of MSPGCL is 10200 MW.  
After deduction of auxiliary consumption, the Ex-Bus Capacity is 9432 MW.

## DC Analysis of Thermal Generation\_ MSPGCL\_Oct'25 to Dec'25



Ex-Bus installed capacity of 9432 MW.

- For 47% period, DC was above 8000 MW
- For 43% period, DC was above 7000 MW
- For 10% period, DC was less than 7000 MW



## Coal position at Thermal Generating Stations\_ Oct'25 to Jan'26

Coal Stock less than 3 days	
Power Station	(Oct 2025 -Jan 2026)
	No. of Days
Bhusawal Unit 4	2
Bhusawal Unit 5	2
Chandrapur Unit 3 to 7	22
Chandrapur Unit 8 and 9	22

Coal Stock less than 7 days	
Power Station	(Oct 2025 -Jan 2026)
	No. of Days
Bhusawal Unit 6	15
Parli Unit 6 and 7	3
ADTPS	11
Bhusawal Unit 4	35
Bhusawal Unit 5	35
RPL (AMT)	27
APML, TIRORA	36
Koradi Unit 8 to 10	48
Chandrapur Unit 3 to 7	86
Chandrapur Unit 8 and 9	86

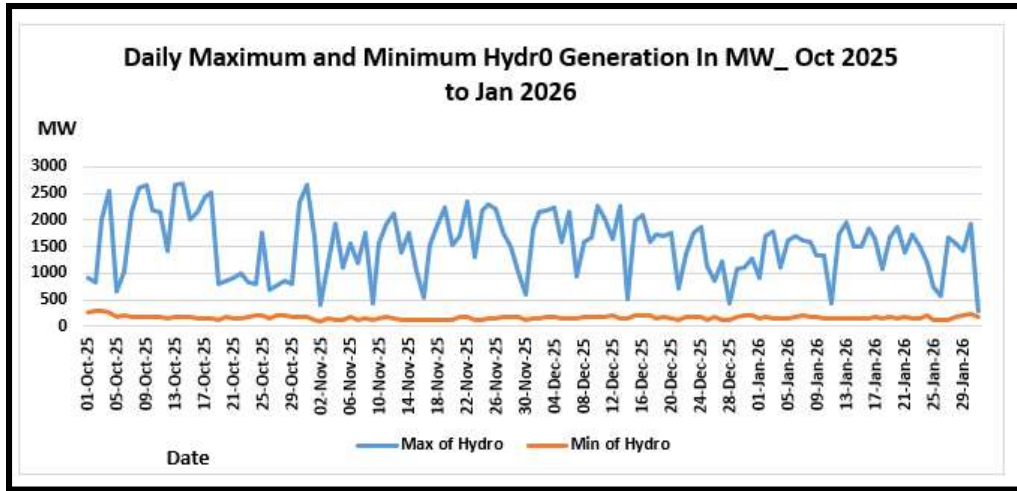
Coal Stock less than 15 days	
Power Station	(Oct 2025 -Jan 2026)
	No. of Days
TPCL	4
Chandrapur Unit 3 to 7	7
Chandrapur Unit 8 and 9	7
ADTPS	34
APML, TIRORA	36
SWPGPL	44
RPL (AMT)	49
Koradi Unit 8 to 10	55
Bhusawal Unit 4	85
Bhusawal Unit 5	85
Bhusawal Unit 6	19
Parli Unit 6 and 7	101
Koradi Unit 6	99
Paras	31
Khaparkheda Unit 5	114
Khaparkheda Unit 1& 4	112

All InSGS thermal power stations in Maharashtra state to maintain coal stocks regularly as per CEA norms on coal stocks of thermal generators dtd. 06.12.2021 to ensure resource adequacy in the state. Accordingly, MSLDC is monitoring the Coal Positions maintained at every plants and in case of default, notices are issued to such generating companies. The details of month-wise coal position is tabulated above for the months from Oct 2025 to Jan 2026.

Notices for default in maintaining coal position issued by MSLDC are as below:

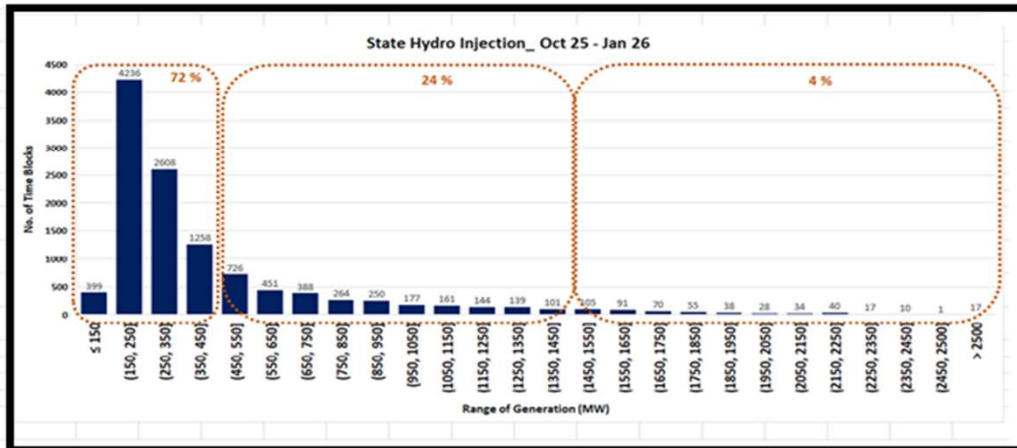
MSPGCL – 22 Nos.

## Hydro Generation scenario\_Oct'25-Jan'26

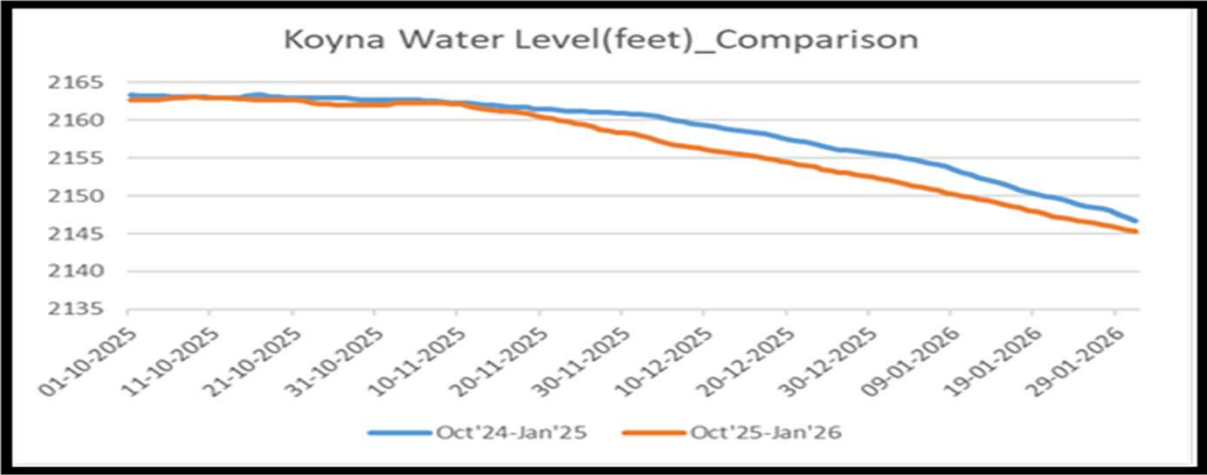


Owner	Station	Name of Unit	No of Times under shut down	No. of Days not Available
MSPGCL	Ghatghar HPS	Ghatghar Unit-1	4	49
		Ghatghar Unit-2	5	64
	Koyna HPS	Koyna STG IV Unit 1	0	0
		Koyna STG IV Unit 2	0	0
		Koyna STG IV Unit 3	2	0
		Koyna STG IV Unit 4	0	0
		Koyna Unit 1	3	50
		Koyna Unit 2	2	51
		Koyna Unit 3	3	50
		Koyna Unit 4	2	51
		Koyna Unit 5	3	51
		Koyna Unit 6	2	51
		Koyna Unit 7	4	57
		Koyna Unit 8	3	51
Koyna Unit 12	2	0		

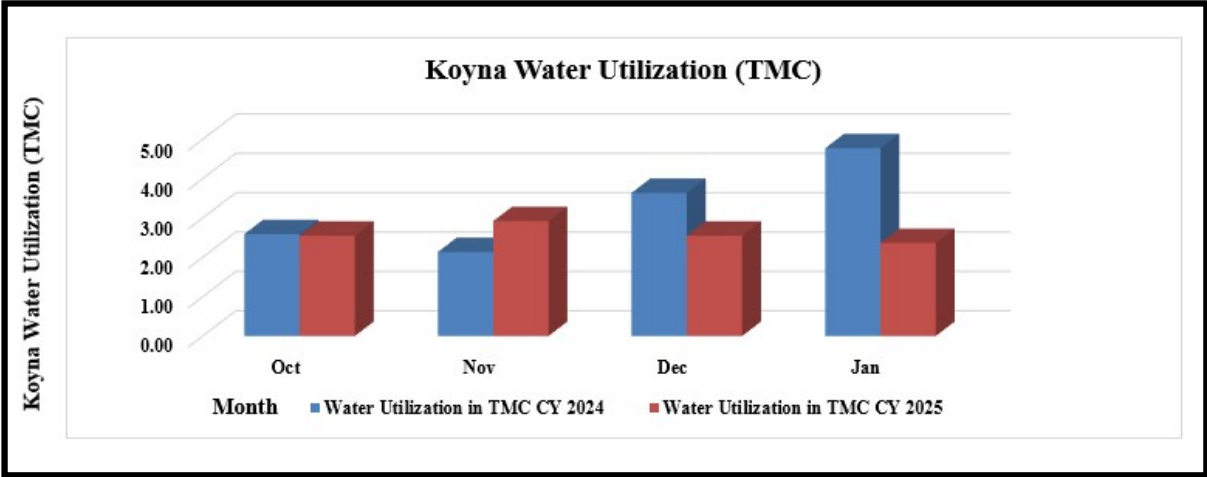
- For 72 % of the period, hydro generation was used for capacity between 0 to 450 MW.
- For 24% of the period, hydro capacity was used between 450 to 1450 MW
- For 4% of the period, hydro generation is used above 1450 MW capacity.



## Koyna Lake Level\_ Oct'25 to Jan'26

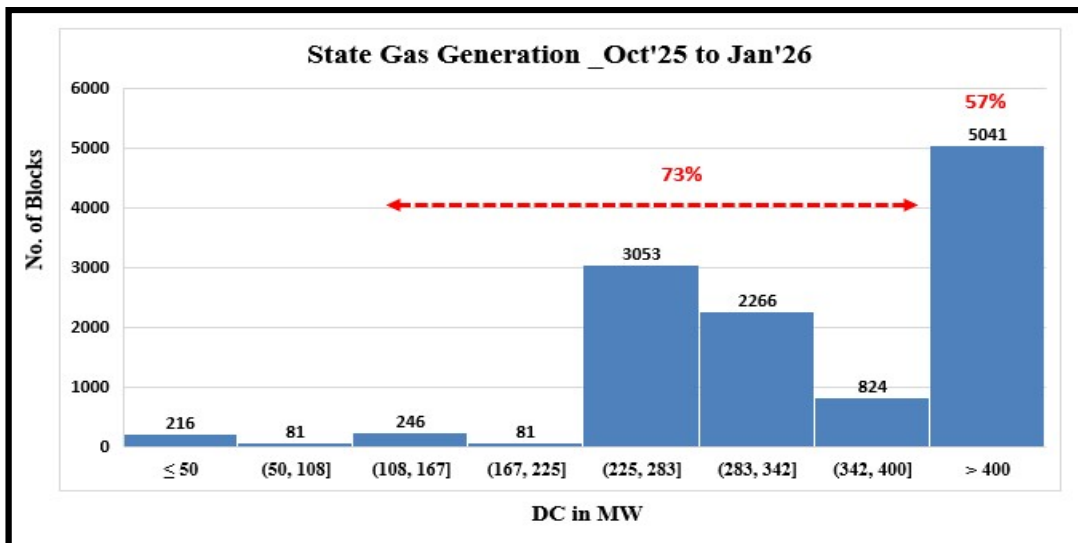
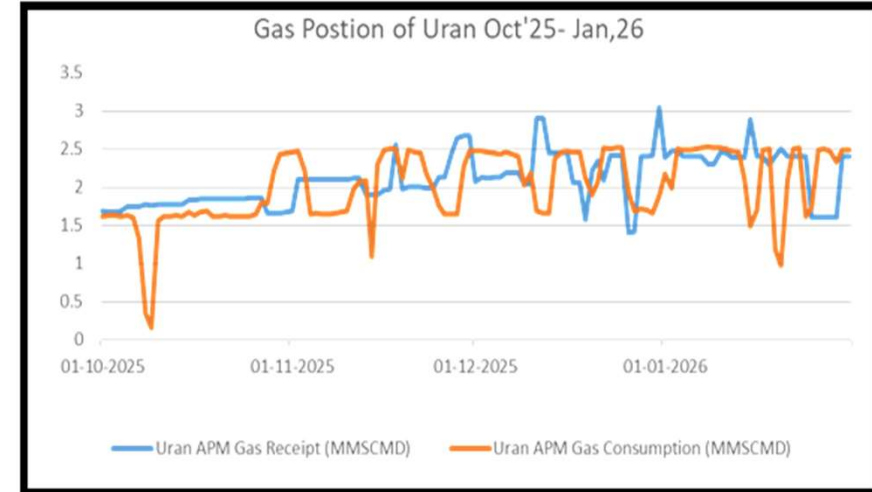
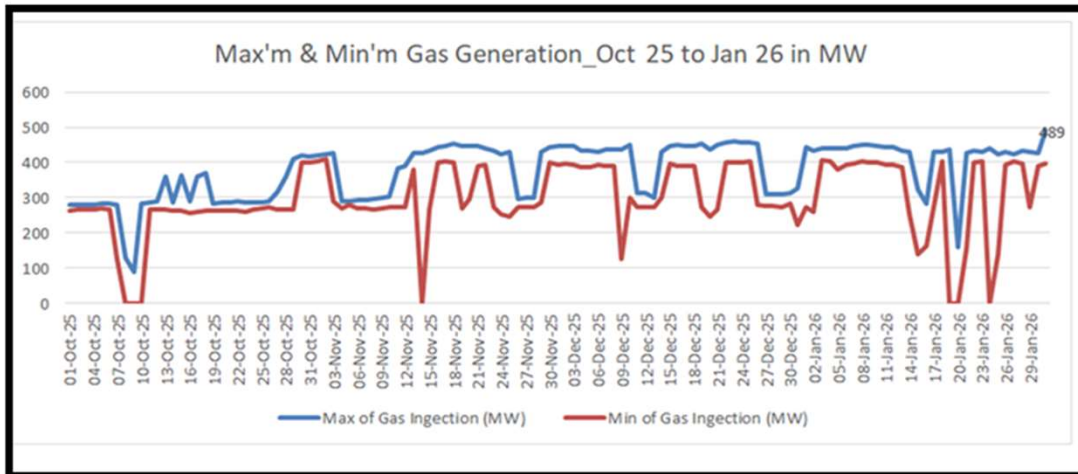


- The Water allocation for Maharashtra Koyna Generating Plant is 67.5 TMC for a Water year starting from June to May
- The water utilized by Koyna St-I & II and Stage-IV is utilized for generation at Koyna Stage-III. Hence, the water utilized at Koyna Stage-III is not considered in the TMC utilization quota.



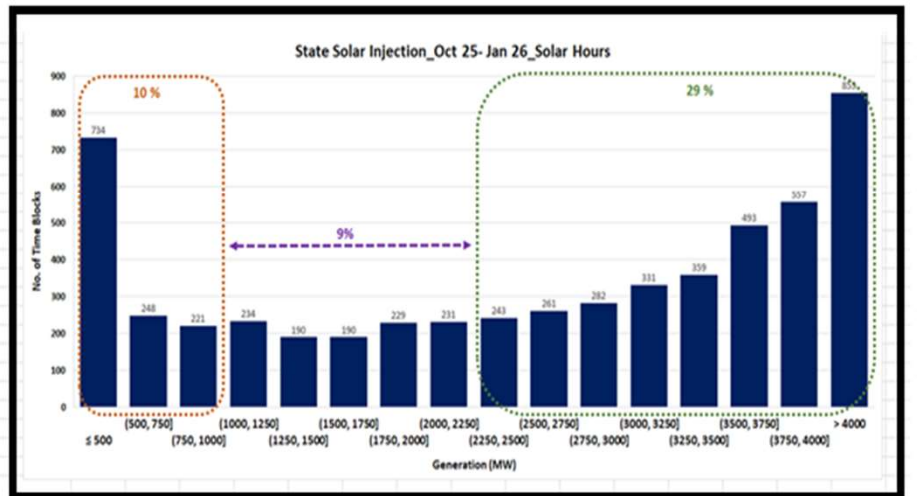
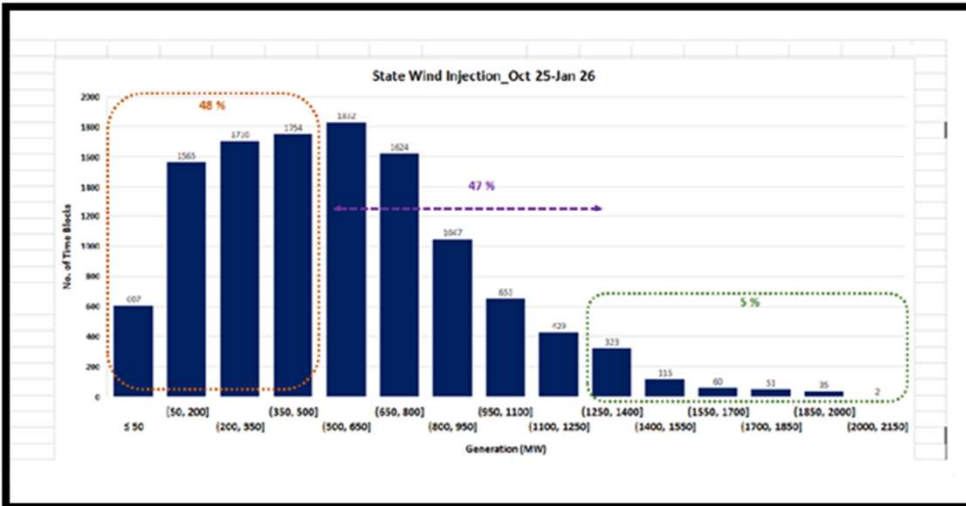
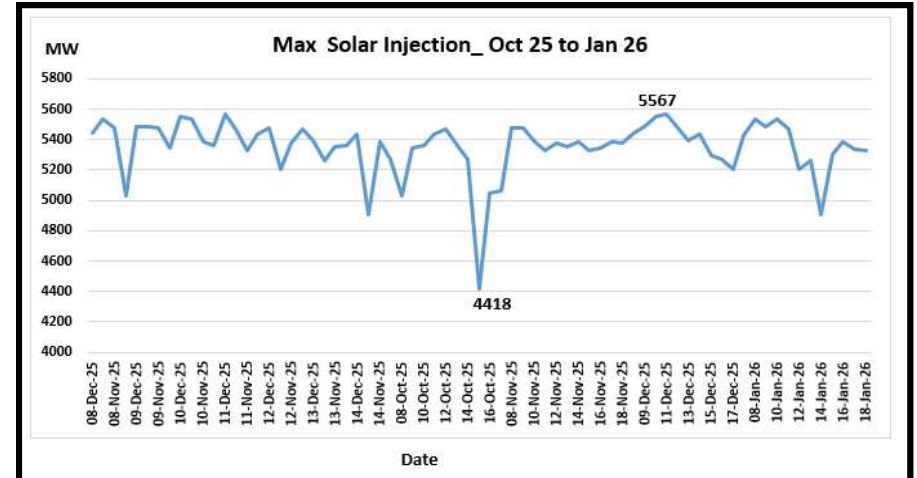
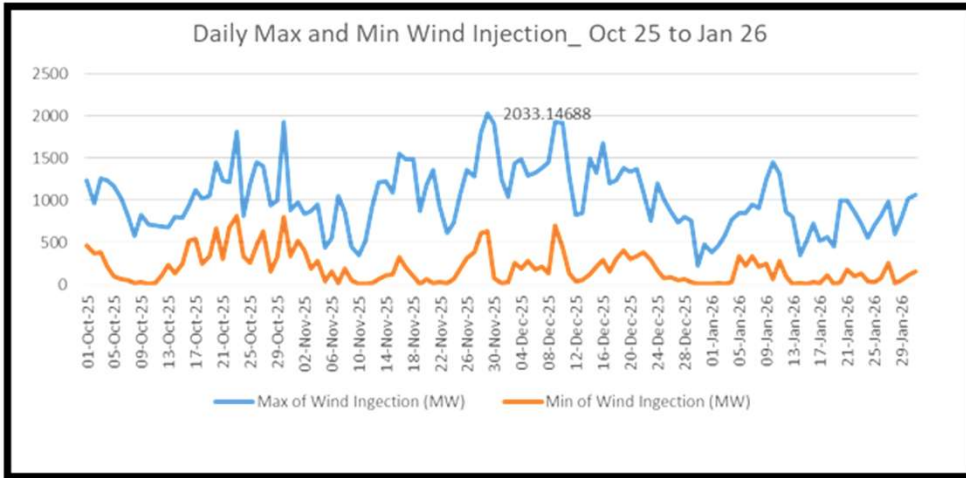
- Koyna water quota balance as on 16.03.2026:
- Present year : 31 TMC
- Last year : 27.32 TMC

## Gas-based Generation\_Oct'25 to Jan'26

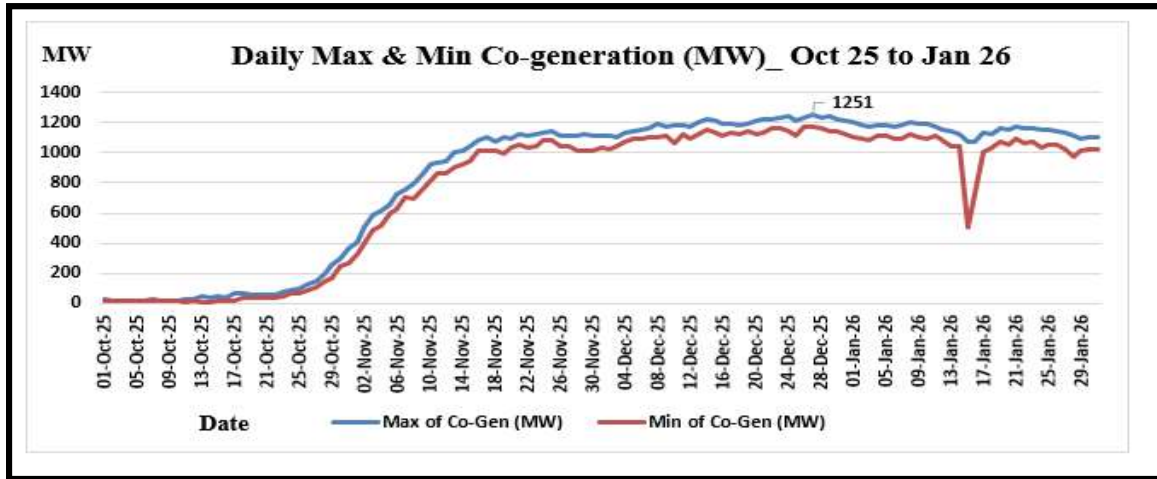


- The total installed capacity of 852 MW (Uran + TPC)
- The generation depends up on availability of APM gas. Hence, based on the gas availability, these units are despatched
- Some times TPCL Unit-7 is operated through RLNG gas to meet out contingencies under emergency situations
- For 73 % of the period, injection is only between 108 MW to 400 MW
- For 57 % of the period, generation is above 400 MW

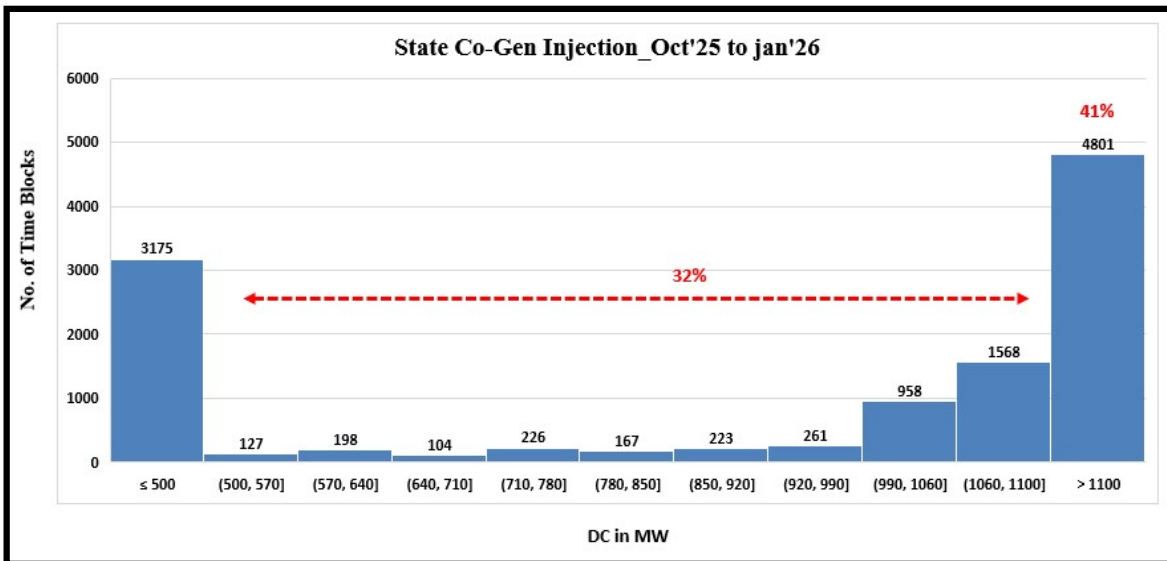
# Wind & Solar Generation



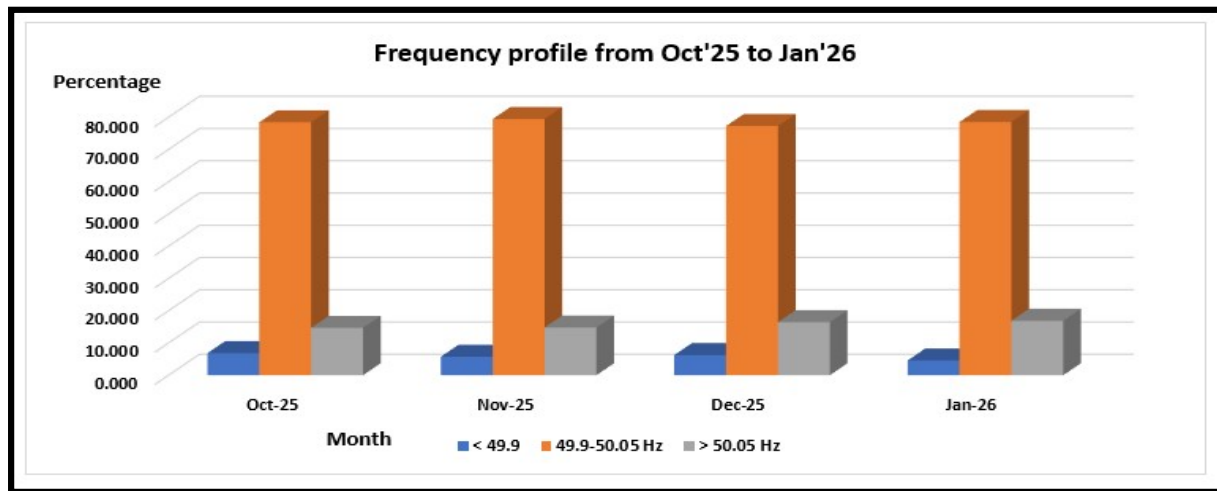
## Bagasse based Generation\_Oct'25 to Jan'26



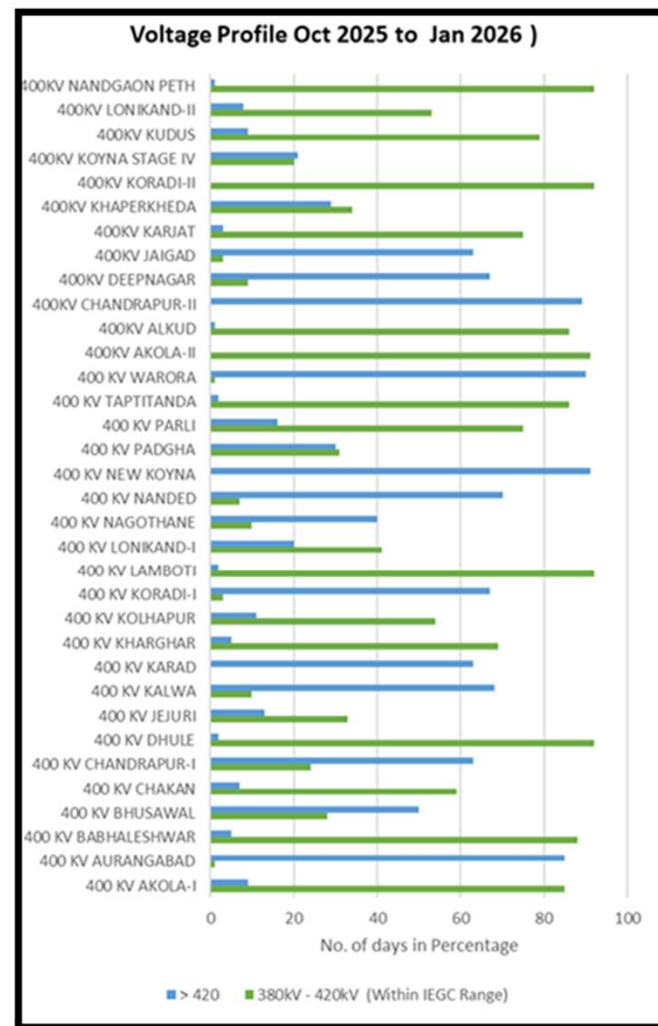
- Generation from Bagasse-based generation is seasonal & depends up on Sugarcane crushing which starts normally in September or October & is available till April/May.
- Against the total installed capacity of around 2700 MW, for 41 % of the period, injection is above 1100 MW.
- For 26 % of the time, injection is below 500 MW.



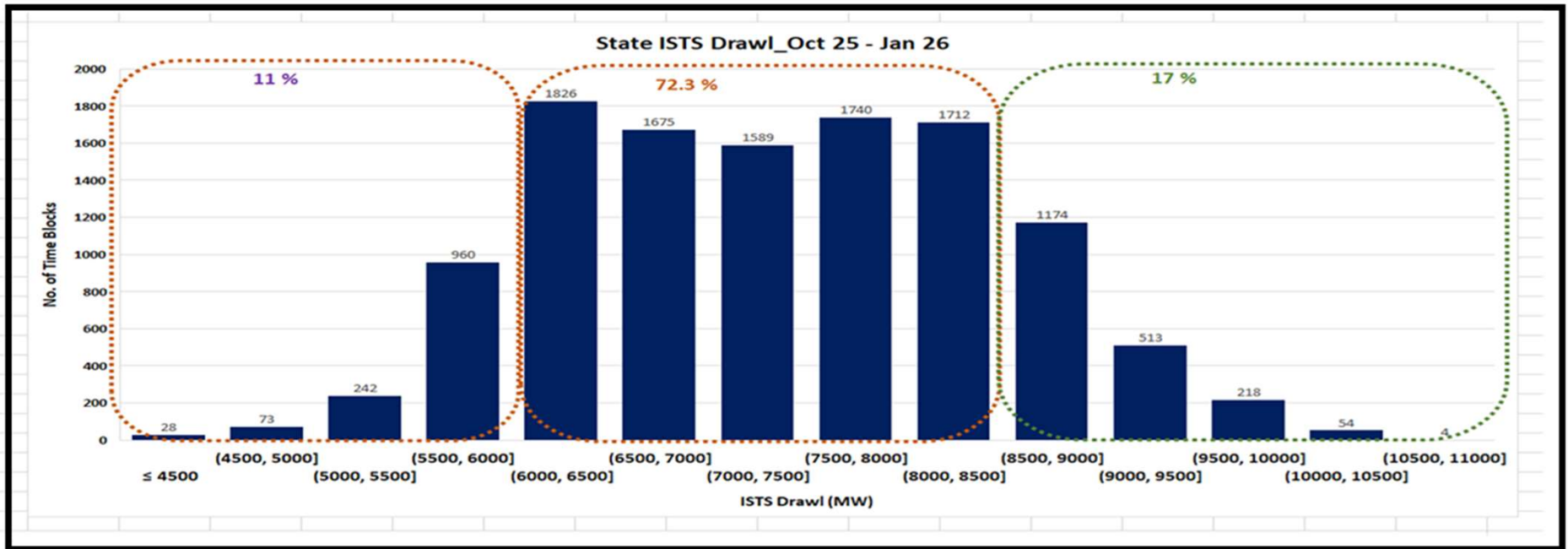
## Frequency & Voltage Profile



- In accordance with the IEGC' 2023, the permissible band of Frequency is 49.90 Hz to 50.05 Hz.
- For 78.42% of the period, the System Frequency was within permissible band.
- The average frequency for this period was 49.99 Hz.
- The frequency was above 50.05 Hz for average 15.71 % of times whereas frequency was below 49.90 Hz for 5.864 % of times.
- Maximum frequency of 50.41 Hz occurred in the month of Dec'25
- Minimum frequency of 49.45 Hz occurred in the month of Oct'25



## ISTS Draw Violation



### Inter State ATC/TTC Constraint:

- Presently, ATC / TTC for the Maharashtra State is as below:
  - Total Transfer Capability (TTC): - 11400 MW
  - Transmission reliability Margin (TRM): - 600 MW
  - Available Transfer Capability (ATC): - 10800 MW
- The State is permitted to schedule & draw power from ISTS inter-connection points up to ATC limit.
  - For 72.3 % of the period, ISTS Drawl is between 6000 MW to 8500 MW.
  - For 17 % of the period, ISTS drawl is between 8500 MW to 11000 MW.
  - For 11% of the period, ISTS drawl is between 4500 MW to 6000 MW

## First time charging of Power system elements

Sr. No.	Name of substation	Lines Details	Synch. Date
1	400kV Taptitanda	400/220kV 501MVA ICT 3 charged	04.12.2025
2	400kV Kudus	Main bay-420 of AEML Kudus GIS Ckt-2 charged at 03:36 hrs.	18.01.2026
3	400kV AEML Kudus S/S	Main Bay-405 ,Tie Bay-404 of Ckt-2 ,Main bay-403 of Kudus(M) Ckt-1 along with 400kV Bus-1 ,Main Bay 406 of of 400/411, 1074 MVA converter T/F-1 and Bus-1 400/411kV, 1074 MVA, converter T/F-1	18.01.2026
4	400kV Kudus	Main Bay 419 of AEML Gis Ckt-1 charged at 10:51 hrs.	20.01.2026
5	400kV Nagothane	400/220kV, 500 MVA, ICT-4 via TBC charged at 16:19 hrs.	21.01.2026
6	400kV AEML Kudus S/S	400/411, 1074 MVA converter T/F-1 alongwith Valave hall, Reactor DC side, converter valve, smoothing reactor, DC pole capacitor	26.01.2026
7	220kV Jupiter (Nandgaopeth)	220/33kV 105MVA TF charged	24.12.2025
8	220kV Gadchiroli	220/132kV 100 MVA ICT charged by replacing 50MVA ICT	24.12.2025
9	220kV Umred	220/33kV 50 MVA TF 2charged by replacing 25MVA TF	30.12.2025
10	220kV Butibori 3	1 No of 33kV Bay charged	31.12.2025
11	220kV Amalner	220kV Amalner - Vikhran Ckt charged by making LILO on 220kV Amalner - Dondaicha Ckt	01.11.2025
12	220kV Vikhran	220kV Vikhran Main Bus , 220/33kV 100 MVA TF 3 , 220kV Amalner End Bay and 220kV Dondaicha End Bay charged at 220kV Vikhran SS	03.11.2025
13	220kV Dondicha	220kV Dondaicha - Vikhran Ckt charged by making LILO on 220kV Amalner - Dondaicha Ckt	07.11.2025
14	220kV Kawlewada	220/33kV 50 MVA TF 1 charged by replacing 220/33kV 25MVA TF 1	07.11.2025
15	220kV Lote	220kV Lote-vinati organics charge at 18:17 hrs.	02.01.2026
16	220kV New Koyna	220kV New Koyna-vinati organics charge at 19:57 hrs.	02.01.2026
17	220kV Microsoft-1	220/33kV, 90MVA, T/F-1 and T/F-2charged	03.01.2026
18	220kV Barshi TSS	Tap on 220kV Barshi-Dharashiv line charged at 17:01 hrs.	08.01.2026
19	220kV Maruti Solar S/S	220/33kV, 125 MVA, T/F charged at 20:59 Hrs.	09.01.2026
20	220kV MIDC Chandrapur	33kV MIDC Chnadrapur - MIDC Ck 2 charged at 13:40 hrs.	10.01.2026
21	220kV Aarey (AEML)	HVDC Bay-1 (bay-24), HVDC Bay-2 (bay-28) and 408/220kV, 355MVA, converter T/F charged	13.01.2026
22	220kV Temghar	220/22kV 100MVA T/F charged at 11:34 hrs.	15.01.2026
23	220kV Pune GIS PG (Shikrapur)	220kV Pune GIS PG (Shikrapur)-Ranjangaon Ckt-1 and Ckt-2 charged	18.01.2026

## First time charging of Power system elements

Sr. No.	Name of substation	Lines Details	Synch. Date
24	220kV Amanthin	220kV Amanthin-Kalwa and 220kV Amanthin-KPawane line charged	29.01.2026
25	220KV Karanjade (TPC)	110/33kV, 125mVA, T/F-2 charged at 11:39 hrs.	31.01.2026
26	220kV Krushnoor	33kV Kunturkar Sugar and Agro Pvt Ltd End Bay charged	07.11.2025
27	132kV Amgaon	5 Nos of 33kV GIS Bays and 33kV PT bay	20.11.2025
28	132kV Pardi	33kV Pardi - Gumthala Ckt and 33kV Gumthala End Bay charged	22.11.2025
29	132kV Gangapur	132kV Gangapur - Panchganga Sugar Ckt charged	28.11.2025
30	132kV Vaijapur	132kV Vaijapur - Panchganga Sugar Ckt charged	29.11.2025
31	132kV Panchganga Sugar	132kV Main Bus charged by making LILO on 132kV Gangapur - Vaijapur Ckt	29.11.2025
32	132kV Deulgaon Mahee	132/33kV 25 MVA TF charged	30.11.2025
33	132kV Ashti	2 Nos of 33kV Bays charged	02.12.2025
34	132kV Risod	33kV Baradari Ckt 1 & 2 End Bay charged	04.12.2025
35	132kV Nardhane	132kV Nardhane - Murli Solar Ckt and Murli Solar End Bay charged	16.12.2025
36	132kV Nardhane	132kV Nardhane - Murli Solar Ckt charged	25.12.2025
37	132kV Risod	33kV Risod - Baradari Ckt 1 charged	25.12.2025
38	132kV Khapri	132/33kV 50 MVA TF 1 charged by replacing 132/33kV 25MVA TF	25.12.2025
39	132kV Jam	132kV Jam - Ravindra Energy Ckt & Ravindra Energy End Bay charged	04.12.2025
40	132kV Pardi	132/33kV 50 MVA TF 4 charged	16.12.2025
41	132kV Durgwada	132kV Durgwada - SPH Solar Ckt charged by making LILO on 132kV Anjangaon - Durgwada Ckt	25.12.2025
42	132kV SPH Solar	132kV SPH Solar Main Bus, 132kV Anjangaon End bay, 132kV Durgwada End bay and 132kV Bus Sectionalizer charged at 132kV SPH Solar SS	25.12.2025
43	132kV Madgi	132/33kV 25 MVA TF 4 charged after replacing with same capacity at 18:15 hrs.	25.12.2025
44	132kV Bagheshwari	New Metering bay charged at 20:34 hrs.	08.01.2026
45	132kV Baramati	132/33kV, 50 MVA, PTR-2 charged at 21:37 hrs.	16.01.2026
46	132kV Besa	132/33KV 50MVA TF charged at 16:44 hrs.	28.01.2026
47	132kV Anjangaon	132kV Anjangaon - SPH Solar Ckt charged by making LILO on 132kV Anjangaon - Durgwada Ckt	25.12.2025
48	110kV Madale (TPC) S/S	110 Dharavi-Mandale and 110 Vikhroli-Mandale line charged	18.01.2026

## Generation Constraints

Generation Constraint Issues	Description
<b>Low DC &amp; Availability of Thermal Generators</b>	DC declared by the Thermal Generators (MSPGCL) is always on lower side
<b>Low availability of APM Gas:</b>	APM gas provided for MSPGCL's Uran (672 MW) & TPCL's Trombay U-7 (180 MW) is on lower side compared to it sanctioned allocated quota.
<b>Generator causing transmission constraints:</b>	Nashik units (3x210MW) are not operated to its Ex-Bus capacity being old units & coal issues. The loading on 220 kV Babhaleshwar-Nashik D/C lines is always on higher side and in case of overload, LTS is operated resulting in to load shedding in Nashik Ring Main

### Non-contracted Generation Capacity:

Name of Unit	Capacity (MW)	Date Trip	Time Trip	Date Sync	Time Sync	Reason
PGPL U2	262	07-02-2017	17.3	Continued.		No Schedule (NO PPA)
PGPL U1	126	07-02-2017	17.3	Continued.		No Schedule (NO PPA)
RPL SINNER U1	270	--	--	--		No Schedule (NO PPA)
RPL SINNER U2	270	--	--	--		No Schedule (NO PPA)
<b>Total Capacity</b>	<b>928</b>					

### Generation capacity under long outage:

Name of Unit	Capacity (MW)	Date Trip	Time Trip	Date Sync	Time Sync	Reason
Tarapur 1	160	08-01-2020	10:37		Continued	Refueling. While refueling preparation, some repair works identified which are being executed before refueling.
Tarapur 2	160	13-07-2020	04:38		Continued	For cleaning of clogged basket strainer of cooling water system due to heavy ingress of debris from sea. The outage extended for repair and re-fueling.
<b>Total Capacity</b>	<b>320</b>					

#### ■ Non-contracted Generation Capacity:

- 928 MW capacity is not contracted.
- All these plants are presently out from the grid. The generation from this capacity will be beneficial for managing Grid.

## Generation units under Zero schedule from Oct'25 –Jan'26:

Name of Unit	Date Trip	Time Trip	Date Sync	Time Sync	Reason
Bhusawal Unit 3	10-01-2025	00:05	26/02/2026	01:53	Zero schedule given by MSEDCL.
Parli Unit 7	10-01-2025	01:34	16/10/2025	05:56	Zero schedule given by MSEDCL.
Parli Unit 6	10-01-2025	01:36	15/10/2025	23:47	Zero schedule given by MSEDCL.
Bhusawal Unit 5	10-01-2025	22:00	10-09-2025	00:00	Zero schedule given by MSEDCL.
Adani U-5	10-03-2025	02:00	10-03-2025	16:01	Zero Schedule by MSEDCL
Bhusawal Unit 5	17/10/2025	10:30	15/12/2025	15:59	zero schedule as per LMCELL mail dt.17.10.25 at 10.03 Hrs. Synchronised Now
Bhusawal Unit 4	20/10/2025	21:01	15/12/2025	16:43	Zero Schedule given by MSEDCL. Synchronised
Parli Unit 6	20/10/2025	21:45	12-05-2025	11:50	Zero schedule given by MSEDCL.
Parli Unit 7	20/10/2025	21:46	24/11/2025	23:59	Zero schedule given by MSEDCL. (However, unit not available for operation from 00:00 hrs of 25/11/2025 due to Boilar validity work as declared by MSPGCL)
Chandrapur Unit 5	21/10/2025	05:15	25/11/2025	23:59	Zero schedule given by MSEDCL. (However, unit not available for operation from 00:00 hrs of 26/11/2025 due to Boilar validity work as declared by MSPGCL)
Trombay 7B	21/10/2025	09:06	24/10/2025	08:40	Withdrawn
Trombay 7A	21/10/2025	09:26	24/10/2025	05:00	Withdrawn
Chandrapur Unit 7	21/10/2025	19:37	25/10/2025	23:59	Zero schedule given by MSEDCL.

## Generation units under Zero schedule from Oct'25 –Jan'26:

Name of Unit	Date Trip	Time Trip	Date Sync	Time Sync	Reason
Chandrapur Unit 4	11-03-2025	22:59	12-04-2025	11:48	zero schedule as per LMCELL mail dt.03.11.25 at 21.29Hrs
Parli Unit 8	11-07-2025	08:15	11-10-2025	02:24	Zero Schedule given by MSEDCL.
Chandrapur Unit 3	11-07-2025	22:32	12-04-2025	12:01	Zero schedule issued by LM Cell MSEDCL
Chandrapur Unit 6	11-08-2025	11:05	25/11/2025	17:08	Zero Schedule given by MSEDCL.
Chandrapur Unit 7	11-09-2025	14:00	24/11/2025	14:41	Zero schedule by MSEDCL.(continued after completion of planned outage)
Parli Unit 8	11-10-2025	02:59	12-05-2025	11:06	Zero Schedule Given by MSEDCL.
JSW (J) U1	16/11/2025	06:39	12-04-2025	13:48	zero schedule given by MSEDCL
Parli Unit 7	12-10-2025	08:00	24/12/2025	12:17	Zero Schedule given by MSEDCL as per mail dt. 09.12.2025
JSW (J) U1	16/12/2025	00:42	24/12/2025	15:38	Zero Schedule given by MSEDCL.Synchronised Now
JSW (J) U1	30/12/2025	21:40	01-07-2026	20:47	Zero Schedule given by LM Cell
JSW (J) U1	17/01/2026	11:54	15/02/2026	23:57	Zero schedule given by MSEDCL.
Chandrapur Unit 5	24/01/2026	00:43	02-04-2026	17:10	Zero schedule as per LM cell request

## Generating units under Fuel shortage from Oct'25 – Jan'26:

Name of Unit	Date Trip	Time Trip	Date Sync	Time Sync	Reason
Uran Unit A0	1/7/2025	17:28	29/10/2025	9:08	Gas shortage
Uran Unit 6	1/7/2025	17:28	13/10/2025	18:40	Gas shortage
Adani U-2	13/09/2025	23:59	1/10/2025	12:31	Coal Stock Low. As per Email received from Adani Tiroda on dt. 13.09.2025 at 19:39 Hrs.
Uran Unit 5	18/09/2025	20:45	18/10/2025	17:50	Gas Shortage
Adani U-5	27/09/2025	21:20	3/10/2025	16:01	Critical Coal Stock
Uran Unit 6	13/10/2025	19:29	15/10/2025	18:00	Gas shortage
Uran Unit 6	15/10/2025	19:45	17/10/2025	17:50	Gas Shortage
Uran Unit 6	17/10/2025	19:57	11/11/2025	18:17	Gas Shortage
Uran Unit 5	18/10/2025	20:00	28/10/2025	23:10	Fuel shortage
Uran Unit 5	2/11/2025	9:30	2/11/2025	9:30	INSUFFICIENT GAS.
Uran Unit A0	2/11/2025	9:30	2/11/2025	9:30	INSUFFICIENT GAS.
Uran Unit 5	3/11/2025	23:02	15/01/2026	17:24	Gas shortage
Uran Unit A0	3/11/2025	23:53	12/11/2025	4:54	Gas shortage
Uran Unit 8	23/11/2025	22:17	24/11/2025	18:32	Gas shortage
Uran Unit 7	25/11/2025	7:00	25/11/2025	18:45	Gas shortage
Uran Unit A0	25/11/2025	22:36	29/11/2025	17:31	Gas shortage
Uran Unit 6	25/11/2025	22:36	29/11/2025	10:08	Gas shortage
Uran Unit A0	10/12/2025	22:00	14/12/2025	12:55	Gas shortage
Uran Unit 6	10/12/2025	22:00	13/12/2025	19:40	Gas shortage
Uran Unit 6	13/12/2025	19:45	14/12/2025	6:10	Gas shortage
Uran Unit 7	19/12/2025	21:39	20/12/2025	21:40	Due to Gas Shortage.
Uran Unit 8	21/12/2025	8:15	21/12/2025	19:32	withdrawn on gas Shortage.
Uran Unit A0	26/12/2025	12:58	1/1/2026	7:08	due to gas shortage.
Uran Unit 6	26/12/2025	12:58	31/12/2025	20:45	due to gas shortage.

## System Constraints\_Transmission Constraints

**Constraint in evacuation of RE Generation:**

The details of RE curtailment in period Oct 25 to Jan 26 are as follows:

Date	Wind Curtailment		Solar Curtailment		Reason for Curtailment
	Max MW	Energy(MU)	Max MW	Energy(MU)	
02-10-2025	364.65	1.53	2495	10.45	To control heavy underdrawal at high frequency.
10-11-2025	NIL	NIL	40.439	0.041	Due to tripping of 132kv Chetak-Bale line, 132KV Wagdari-Naldurg Line GTS Stage 1 & Stage 2 Operated.
31-10-2025	NIL	NIL	20.14	0.022	132Kv Khadka-Tighra line GTS-1 Stage-1 of 480A (1.3Sec) operated.
11-04-2025	NIL	NIL	6.938	0.019	132kV Bodwad- Malkapur line was under outage.132kV Tigra- Khadka line tripped on O/c prot. GTS Stage 1, 480A 1.3Sec, operated.
12-01-2025	NIL	NIL	2.167	0.002	132kV Hasapur(Chetak)-Bale Line GTS Stage-1 operated.
20-01-2026	NIL	NIL	25.000	0.160	132/33kV Transformer Augumentation work for existing 1x25 MVA Transformer by 1x50 MVA transformer at 132 KV Karjagi S/S is going on and load is managed on remaining 1x25 MVA Transformer
21-01-2026	NIL	NIL	22.500	0.130	
22-01-2026	NIL	NIL	22.500	0.140	
23-01-2026	NIL	NIL	22.500	0.130	

## Transmission Constraints

### Transmission System Constraints in Maharashtra Grid during summer

- **Transmission constraints causing load curtailment due to under voltage at following Substations:**

- 400kV Chakan
- 400kV Jejuri
- 400kV Lonikand 1
- 400kV Lonikand 2
- 400kV Karjat

In the month of January 2026 (16.01.2026, 20.01.2026, and 29.01.2026 at 10:00 hrs) & in the month of February 2026 (23.02.2026, 24.02.2026 & 25.02.2026) the 400 kV Karjat Substation experienced under-voltage (i.e., below 380 kV) on

- **Inter State ATC/TTC Constraint:**

- Presently, ATC / TTC for the Maharashtra State is as below:
- Total Transfer Capability (TTC): - 11400 MW
- Transmission reliability Margin (TRM): - 600 MW
- Available Transfer Capability (ATC): - 10800 MW
- During the violation of ATC, to control the Over drawl, Load shedding is required to carried out.

- **Capacitor Bank Status as on 17.03.2025**

Zone	Planned in phase V & VI	Commissioned	Target Date
Pune	EHV – 405 MVar HV – 1300 MVar	EHV – 405 MVar HV – 65 MVar	Mar-26
Vashi	EHV – 325 MVar HV – 740 MVar	EHV – 155 MVar HV – 0 MVar	
Nashik	HV – 325 MVar	HV – 0 MVar	

## Transmission Constraints

### ▪ **Transmission constraints causing load curtailment due to:**

- Overloading of 400kV Chakan – Talegaon (PG)
- **Overloading of 220kV Nashik Babhaleshwar D/C**
- **Overloading of 132kV Sangamner – Babhaleshwar Ckt.**
- **Overloading of 132kV Satana – Dindori ckt**
- Under voltage at Lonikand, Jejuri & Karjat

### ▪ **Constraint in evacuation of Solar Generation:**

- Total 208 MW Solar Generation (connected to 132 kV Wagdari & Naldurg S/s) is evacuated through 132 kV Ujani-Naldurg S/C, 132 kV Bale – Naldurg S/C & 132 kV Wagdari – Akkalkot S/C line. Out of these three evacuating lines, 132 kV Ujani- Naldurg S/C & 132 kV Bale – Naldurg S/C lines are old more than 30 years.
- In case of tripping of any line, the solar generation required to be backed down so as to avoid tripping of remaining lines on overload.

### ▪ **Backing Down of APML (Tiroda) & Koradi-II Generation:**

- The generation of APML (Tiroda) & MSPGCL's Koradi-II is evacuated through 765 kV network through 765/400 kV Ektuni S/s.
- The transformation capacity at 765/400 kV Ektuni S/s is 2 x 1500 MVA.
- Both the ICTs are loaded to more than 60 % of its installed capacity. To maintain the loading within permissible limits, the generation at Tiroda & Koradi-II is required to be backed down.
- Hence, it is necessary to provide additional 1 x 1500 MVA 765/400 kV ICT at Ektuni S/s.

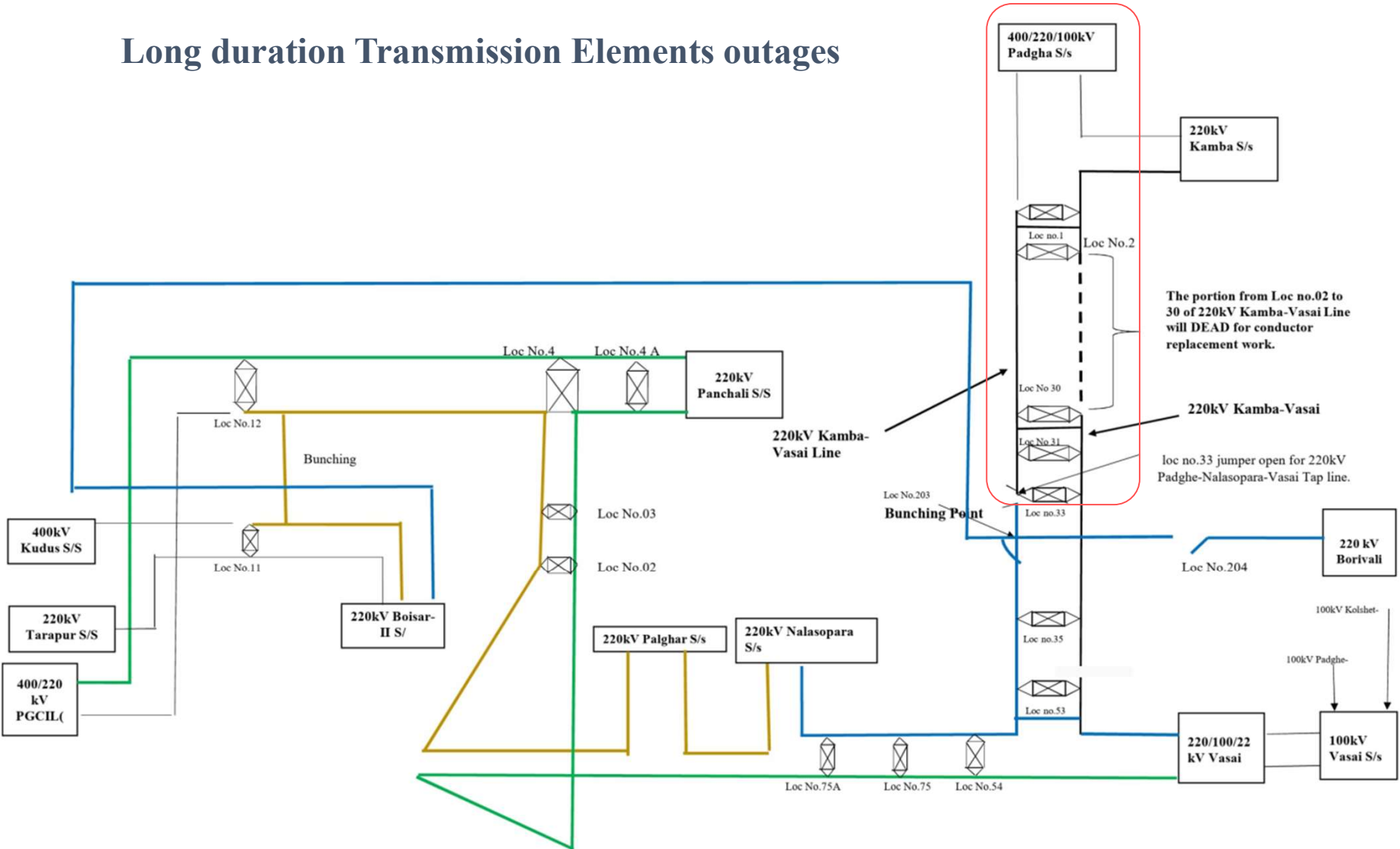
## Transmission constraints in MMR :-

- 220kV Ulwe - Waghivali ckt II is under forced shut down due to cable fault from 25.06.2024. Following the commissioning of the 400/220 kV Navi Mumbai PG substation, the issue of loading of 220kV Ulwe – Waghivali ckt – 1 has increased. 220kV Waghivali-TATA-1 & 2 are kept hand tripped from 30.12.2024 to control the loading of 220kV Ulwe Waghivali ckt I.
- Following the commissioning of the 400/220 kV Navi Mumbai PG substation, loading on 220kV Kalwa–Apta and Kalwa–Taloja lines has increased therefore, 220kV Kalwa- Panchanand and Printhouse- Navi Mumbai are kept Handtripped from 17.10.2024 and 05.12.2024 respectively to control the loading. **To resolve this issue HTLS of 220kV Kalwa Apta and 220kV Kalwa Taloja line is to be completed at the earliest.**

### Long duration Transmission Elements outages :

Sr No.	Name of Line	Out From Date	Out Time	No of Days <i>As on 17.03.2026</i>	Reason of Outage
1	WAGHIVALI (MSETCL) - ULWE GIS CKT - 2	25-06-24	08:05	630	Tripped on differential protection.
2	PADGHE - NALASOPARA - VASAI (T)	20-07-25	10:32	240	For replacement of existing 0.4 ACSR Zebra conductor by equivalent CCC type HTLS conductor of 220kV Padgha-Nalasopara-Vasai Tap line. Activities:- 1) 220 kV Padghe-Nalasopara -Vasai Tapline -Jumper will open at loc.33 .Line towards Padgha Side will dead for 29 days continuous.
3	BORIVALI - BOISAR II LINE	20-07-25	11:13	240	2) 220kV Boisar -Borivali line:- Jumper will be open at loc.no.204 for 29 days continuous. Line towards Borivali Side will dead for 29 days continuous. 3) 220 kV Kamba-Vasai line, Outage will taken on dt. 20.07.2025 at 11:30 to 13:30 hrs (Duration -02:00 hrs) for safety purpose only. 4) 220kV Kudus-Ghodbunder line:- Outage will taken on dt 20.07.2025 at 11:30 to 18:00 hrs (Duration -02:00 hrs) for safety purpose only. 5) 220kV Boisar -Borivali line-tapping will be done to 220kV Padghe-Nalasopara line at loc no.203 after that feeding will be from 220 kV Boisar-II S/S via lineformation of 220kV Boisar-Nalasopara- Vasai tap lineAfter Tapping 220kV Boisar - Nalasopara -Vasai tap line will be charged at 18.00 hrs on dt 20.07.2025 and it will be in service for 29 days continuously.
4	NARANGWADI - SOLAPUR PG CKT - 1	03-09-25	15:26	195	Replacement of existing 0.4 ACSR Conductor of 220kV Narangwadi Solapur (PG) by HPC conductor under Sanction Scheme
5	SATANA - GANGAPUR	27-12-25	17:39	80	Outage proposal for bunching at loc no.20 for HPC reconductoring work (from Loc no 20/1 to Loc no 162 as shown in PPT attached/emailed)
6	SHIVAJINAGAR-MALEGAON	27-12-25	17:51	80	Outage proposal for bunching at loc no.20 for HPC reconductoring work (from Loc no 20/1 to Loc no 162 as shown in PPT attached)

# Long duration Transmission Elements outages



## Summer Preparedness 2026 (Mar'-Jun' 2026)

- The Summer Preparedness meeting was held on 21.02.2026 with all stakeholders.
- To mitigate the identified risks and ensure a stable summer, the following actions are required from all stakeholders.
- **Actions to be Taken by Generation Licensees**
- MSPGCL to restore Ghatghar unit 2 (125MW) under forced since 09.02.2026 outage as early as possible to avoid load shedding in Nashik region.
- MSPGCL to restore Uran unit 7 and 8 ( 108MW) and unit B0 (120MW) earliest as units are necessary for MMR region grid stability.
- MSPGCL has partial outages of around 600-700MW which needs to be minimized by taking suitable action.
- TPC-G to restore planned outages on BPSU 150 MW generation as per plan i.e upto 28.02.2026 or as early as possible
- The state has observed the shortfall at non-solar hours in RA study, hence all generators have to maximize their DC at Non-Solar hrs. Hence, maximization of overall generation availability at non-solar hours.
- No outages to be planned in summer months.
- Gas availability to be maintained in coordination with GAS supplying authority
- Daily monitoring and Maintaining Coal stock as per CEA norms.
- All generators to avoid over injection in solar hrs and under injection at non solar hrs.

# Summer Preparedness 2026 (Mar'-Jun' 2026)

- The Summer Preparedness meeting was held on 21.02.2026 with all stakeholders.
- To mitigate the identified risks and ensure a stable summer, the following actions are required from all stakeholders.
- **Actions to be Taken by Transmission Licensees (MSETCL)**
- **Pre-Summer Maintenance:** Complete comprehensive preventive maintenance of all critical substations and transmission lines.
- **Critical Asset Management:**
  - Prepare and review contingency plans for critical corridors (765kV Tiroda-Koradi, 500kV HVDC, 400kV Pune GIS-Talegaon, etc.).
  - Ensure all defense mechanisms (LTS, GTS, UVLS, UFR) are updated and tested.
- **Reactive Power Management:**
  - **Expedite commissioning** of planned HV/EHV capacitor banks in Pune, Nashik, and Vashi zones, targeting the March 2026 deadline.
  - Urgently revive all faulty capacitor banks in the transmission and distribution network.
- **Infrastructure Upgrades:**
  - The Shikrapur Downstream interconnection project and the 400 kV Babhaleshwar Kudus D/C project need to be completed at the earliest.
  - Prioritize completion of HTLS works and reconductoring projects (e.g., on the Kalwa-Apta line, Dondaicha-Jamde line) to relieve congestion.
- **Spares and Readiness:** Ensure availability of critical spares and activate all Zone/Circle-wise Nodal Centres. Verify SCADA and communication link health.

## Summer Preparedness 2026 (Mar'-Jun' 2026)

- The Summer Preparedness meeting was held on 21.02.2026 with all stakeholders.
- To mitigate the identified risks and ensure a stable summer, the following actions are required from all stakeholders.
- **Actions to be Taken by Distribution Licensees**
- All discoms should enhance accuracy of their Demand forecasting.
- MSEDCL should manage the demand ramps particularly for the bulk agricultural loads to match with state's solar resources. Particularly sudden withdrawal of demand is observed around 16:45 to 17:30 hrs indicating necessity of staggered withdrawal.
- MSEDCL has to review their load generation balance on day ahead and bring the JSW unit 1 and Bhusawal unit 3 on zero schedule on bar. (both units are subsequently restored)
- All distribution licensee to review their weekly/Daily LGB and procure power in DAM market without relying on real time at Non solar hrs.
- MSEDCL shall explore to shift all possible AG load from Non solar Hrs to solar hrs. where Generation availability is excess.



**Thank You.**