
 MAHATRANSCO Maharashtra State Electricity Transmission Co. Ltd.	
	MAHARASHTRA STATE ELECTRICITY TRANSMISSION CO.LTD. CIN NO. U40109MH2005SGC153646 Maharashtra State Load Dispatch Center Tele :91-022-27601762 (P) 91-022-27601931 (O) Extn.1003 Email : cesldc@mahasldc.in website : www.mahasldc.in	

Ref. No. CE/MSLDC/ Op./

000538

Date:

11 MAR 2026

To,

As per mailing list

Sub: Agenda for the 12th Operation Co-ordination Committee (OCC) meeting scheduled on 17.03.2026 at 11:30 hrs.

Ref.: 1) 11th OCC MoM Circulated vide CE/MSLDC/TECH/Op/OCC/2827 Dated. 30.12.2025
2) 12th OCC Agenda request through E-mail dtd. 06.02.2026.

Dear Sir,

In reference to the above subject, the 11th Operation Co-ordination Committee (OCC) meeting was convened on 17th November 2025, Minutes of the same are circulated vide letter under reference 1.


Vide letter under reference no. 2, the undersigned, Member Convener of OCC had requested all the members of the OCC to submit agenda items for 12th OCC meeting.

Please find enclosed the agenda for the 12th OCC meeting scheduled on **17.03.2026 at 11:30 hrs.** at SLDC, Kalwa through hybrid mode i.e., physical and video conferencing.

It is requested to kindly make it convenient to attend the meeting with relevant information.

Encl: As above.

Yours sincerely,


Superintending Engineer (Op), MSLDC
(Member Convener of OCC) *HC*

Copy s.w.rs. to:

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

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	edsldc@mahasldc.in
2	MSETCL	Shri Anil Bharsakle	CE, Tr O&M MSETCL	Member	8554995004	ceom@mahatransco.in
3	SLDC	Shri Girish Pantoji	CE (I/c), MSLDC	Member	9822414154	cesldc@mahasldc.in
4	STU/ MSETCL	Shri. Peeyush Sharma	CE, STU	Member	9769213865	cestu@mahatransco.in
5	MSEDCL	Shri. Sandeep Patil	CE, PP	Member	9594938238	cepp@mahadiscom.in
6	MSEDCL	Shri Pravin Annachatre	S.E (LM), MSEDCL	Member	9833980238	selmkalwa@gmail.com
7	MSPGCL	Shri. Anil Kathoye	CE, Generation (Works) MSPGCL	Member	022-6952200 69853535 Ext. 3519	cegw@mahagenco.in
8	TPCL	Shri Kiran Desale	Chief – Transmission TPCL	Member	9223553342	desalekv@tatapower.com
		Shri Milind Gole	Head (PSCC), TPCL	Member	9820868264	goleml@tatapower.com ddveer@tatapower.com
9	TPCL- Generation	Mr Hemant Karadkar	Head Operations – Trombay	Member	9223553195	karadkarhr@tatapower.com
10	AEML	Shri Mahesh Andhari	Head Operations (Distribution & Transmission)	Member	9323549996	mahesh.andhari@adani.com
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12	ATIL	Shri Saurabh Sharma	Manager-O&M	Member	8233552863	saurabh.sharma@adani.com
13	MEGPTCL	Shri Rakesh Bhalerao	Associate Manager-Business Development	Member	7045953823	rakesh.bhalerao@adani.com
14	JPTL	Shri Vaibhav D Sansare	Associate Manager-Transmission	Member	9552577122	Vaibhav.sansare@jsw.in
15	APTCL	Shri Rajiv Nimje	AGM, APTCL	Member	9422308883	Rajiv.nimje@rattanindia.com
16	KVTL	Shri Rakesh Bhalerao	Associate Manager-Business Development	Member	7045953823	rakesh.bhalerao@adani.com
17	VIPL	Shri Ashish Kumar Shukla	HOD-Electrical Maintenance	Member	6358853165	ashishkumar.shukla@adani.com
18	JSWEL	Mr. Prasanna Ghatge	AGM (Head-OSTS)	Member	9552577141	prasanna.ghatge@jsw.in

**Agenda for 12th Operation Co-ordination Committee meeting scheduled on 17.03.2026
at 11:30 Hrs. at MSLDC**

19	ADTPS	Shri Pinal Desai	Associate VP ADTPS	Member	9325119747	pinal.desai@adani.com
20	RIPL	Shri Amit Panchalwar	DGM, RIPL	Member	9503229333	amit.panchalwar@rattanindia.com
21	APML, Tiroda	Shri Manoj Taunk	Associate VP- Protection & Metering	Member	9099005517	Manoj.Taunk@adani.com
		Shri Akshay Mathur	VP-Business Development group, Adani	Member	9870663062	Akkshayv.Mathur@adani.com
22	SWPGPL Warora.	P Kalyan	AGM - Electrical	Member	8600400107	Kalyan.p@saiwardha.com
		Barath Muthusamy	Deputy Manager-BDG	Member	9154674864	bdg.operations@saiwardha.com
23	M/S. Bothe wind Park Development Pvt. Ltd.	Mr. Dhananjay Joshi	Manager	Member (Wind)	9971274700	dhanajay.joshi@continuumenergy.in vijay.karale@continuumenergy.in
24	TP Saurya Ltd.	Mr. Gunesh Kusurkar	Manager	Member (Solar)	9930867996	gunesh.kusurkar@tatapower.com
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	jsmcogen@gmail.com
26	BEST	Shri S. S. Bansode	Chief Engineer (Regulatory)	Member	9869407196	cerc@bestundertaking.com
27	Dhariwal	Pundlik Mahadeorao Wanwe	General Manager	Member	9561112008	pundlik.wanwe@rpsg.in
28	IEPL	Mr. Sandip V. Kawale	Manager (Regulatory, Sales & Purchase-Dept)	Member	8799967053	sandip.iepl@gmail.com
29	JPL	Mr. Gaurav Grover	Manager	Member	9718306200	gaurav.grover@jindalpower.com
30	Vidharbh Mineral and Energy Pvt. Ltd.	Mr. V.N. Kulkarni	HOD Electrical	Member	9158555616	electrical@vidarbhamineral.com maintenance.gepl@gmail.com
31	SLDC	Shri Girish Pantoji	SE(OP), MSLDC	Member-Convener	9822414154	seop@mahaslDC.in

**Agenda for 12th Operation Co-ordination Committee meeting scheduled on 17.03.2026
at 11:30 Hrs. at MSLDC through hybrid mode i.e. physical and video conferencing.**

Agenda Points: -

1. Confirmation of the minutes of the 11th OCC held on 17.11.2025 through hybrid mode and circulated vide CE/MSLDC/TECH/Op/OCC/2827 Dated. 30.12.2025 to all the members and requested to offer any comments.

The OCC affirms the minutes of the 8th OCC meeting, since no comments were received.

- Action to be taken based on decisions of previous OCCM. SLDC circulated actions to be taken based on discussion of previous OCCM. The same has been attached as **Annexure 1**

Members may like to discuss.

2. Presentation on Maharashtra system Grid performance from October 25 to January 2026
3. **MSLDC Agenda:**

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

In the 4th 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.**

This is for appraisal to occ forum.

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.

Name of Unit	Date Trip	Time Trip	Date Sync	Time Sync	Reason
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 is also taking continuous follow up with MSLDC to adhere with the outage procedure.

Further it is also observed that genertors 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**

MSPGCL may comment on this.

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:

Month	Date
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.

The OCC members may like to discuss.

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 7th 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.*

The OCC members may like to discuss.

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:

Dates of revised MOD rate submission	Time
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 need s 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.

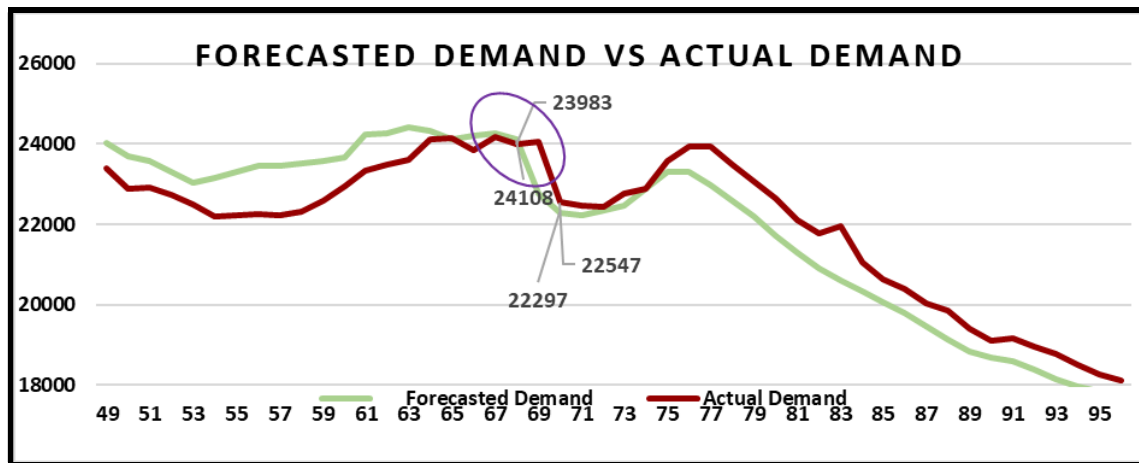
OCC shall take note of the same.

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 600th 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.

The OCC members may like to discuss.

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.*

The OCC members may like to discuss.

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.

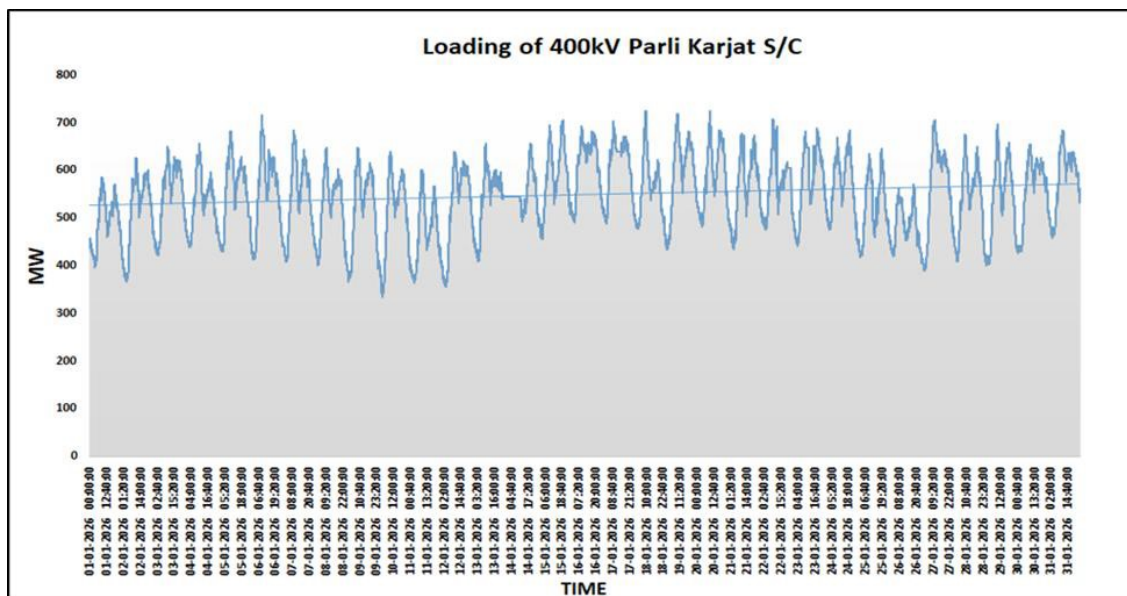
The procedure has forwarded for the comments of stake holders, after receipt of the same the procedure is presented in OCC.

The OCC members may like to discuss.

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

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.

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.

The OCC members may like to discuss.

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.

The OCC members may like to discuss.

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**

The OCC members may like to discuss.

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 associated operational risks

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	22850		
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		

**Agenda for 12th Operation Co-ordination Committee meeting scheduled on 17.03.2026
at 11:30 Hrs. at MSLDC**

The OCC members may like to discuss.

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

The CERC Suo-Motu 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.

The OCC members may like to discuss.

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 11th 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

The OCC members may like to discuss.

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.

The OCC members may like to discuss.

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.

The OCC members may like to discuss.

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.

The OCC members may like to discuss.

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.

The OCC members may like to discuss.

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.

The OCC members may like to discuss.

7. Any other points raised by committee members with permission of Chair.

Annexures

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
1	8 th OCC Item No.3.2	High quantum of Partial Outages in MSPGCL units:	MSPGCL	MSPGCL should submit short term and long-term plan to avoid partial outages.	Status as informed on 9 th OCC meeting. : MSPGCL representative said that meetings were conducted in this respect and the plan will be submitted soon.
2	8 th OCC Item No.3.5	Regarding implementation of FGMO in intra state generating units in compliance to MEGC 2020 and IEGC 2023:	Generators	All generators to submit a detailed plan for operation under FGMO.	Status as informed on 9 th OCC meeting: Till date all the intra state generator except MSPGCL are operating under FGMO. OCC instructed MSPGCL to submit the progress.
3	8 th OCC Item No.3.10	Updation of SCADA SLDs / Elements of Mumbai network for safe operation at SLDC	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 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.	Status as informed on 9 th OCC meeting Latest SLDs of the substations may be shared with SCADA department for updation of network elements. OCC instructed SCADA dept, MSLDC to schedule a meeting in this regard and resolve the issue to the maximum extent.
4	8 th OCC Item No.3.12	New Targets of the relief quantum at each stage of AUFLS for Maharashtra State.	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.	Status as informed on 9 th OCC meeting :Meeting 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.
5	11 th OCC Item No. 3.5	Analysis of Recent Grid Disturbances and Compliance on Corrective Actions	CE O&M	The Chairman of OCC instructed the Chief Engineer (O&M), MSETCL to follow up on the O&M-related suggestions made by MSLDC and provide feedback to MSLDC at the earliest.	Mail sent to Chief Engineer (O&M), MSETCL on 10.11.2025 & 09.02.2026 Reply awaited
6	11 th OCC Item No. 3.6	Delay in response of Transmission licensees from remote operating substation.	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
7	11 th OCC Item No. 3.8 & 4	3.8 Installation of GTS at various transmission elements wherein RE generation is curtailed. 4 Request for implementation of corrective measures, including RE curtailment, by MSLDC to control heavy under-drawl during solar hours.	MSLDC	3.8 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 comments/suggestions from various stake holders in the State in accordance with the provisions of the MEGC'2020. 4. 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.	Published for seeking comments from stakeholders
8	11 th OCC Item No. 3.9	3) SCADA data of IPP/PPP/RE generations needs to	MSLDC/STU	The Chairman, OCC, directed that a formal communication/letter be issued to the State Transmission Utility (STU) to initiate necessary	MSLDC issued a letter to STU vide letter No. CE/MSLDC/REMC-SCADA/No.2600 dated 01.12.2025

		<p>be visible to both at generation plant as well as pooling end.</p> <p>4) Request is being received from the field during FTC to charge the Substation/Elements without visibility of SCADA data.</p>		<p>steps for improving SCADA data visibility by coordinating with stakeholders, including IPP/PP/RE generators, through the STU communication network, if necessary, on a chargeable basis, in accordance with the Amended MERC F & S Procedure, 2025.</p>	
9	<p>11th OCC MSEDCL Agenda no 5.1</p>	<p>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:</p> <ul style="list-style-type: none"> • CENTRE • • INTRASTATE MTOA • • INTRASTATE LTA • • RTM_IEX • • INTRASTATE GENERATION • • REMC • Target Injection Schedule (Ex-Bus) • Demand Schedule (T), etc. 	<p>MSLDC</p>	<p>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.</p>	<p>To discuss the issue, a meeting was held on 09.03.2026, Comments from Stakeholders are awaited.</p>
10	<p>11th OCC MSEDCL Agenda no 5.2</p>	<p>on 08/09/2025 and 09/09/2025, load shedding was implemented exclusively in MSEDCL's area,</p>	<p>MSLDC</p>	<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 & TPCL.</p>

		<p>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 being followed by SLDC for monitoring real-time shortfalls and enforcing load shedding.</p>			
11	11 th 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

12	11 th 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
13	11 th 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 nd MCCC meeting is awaited