

I/34289/2024



भारत सरकार  
Government of India  
विद्युत मंत्रालय  
Ministry of Power  
केन्द्रीय विद्युत प्राधिकरण  
Central Electricity Authority  
विद्युत प्रणाली परियोजना प्रबोधन प्रभाग  
Power System Project Monitoring Division

सेवा में / To,

(संलग्न सूची के अनुसार) / As per the list attached.

**विषय / Subject:** Minutes of Meeting held under the chairmanship of Chief Engineer (PSPM division), CEA on 01-03-2024 to review the progress of transmission schemes impacting the Available Transfer Capacity (ATC)/ Total Transfer Capacity (TTC) requirement of Maharashtra. - reg.

**Madam / Sir,**

Please find attached minutes of the meeting held on 01-03-2024 under the chairmanship of Chief Engineer (PSPM division), CEA to review the progress of transmission schemes impacting the Available Transfer Capacity (ATC)/ Total Transfer Capacity (TTC) requirement of Maharashtra through Video Conferencing (VC) for kind information and necessary action please.

Encl: as above.

भवदीय/Yours faithfully,

शीतल  
२/३/२४  
(शीतल एस जैन)

उप-निदेशक / Deputy Director)

**प्रतिलिपि / Copy to:**

1. JS (Trans), Ministry of Power, Shram Shakti Bhawan, New Delhi- 110001
2. PPS to Member (PS), CEA

**List of Addresses:**

<b>Sl. No.</b>	<b>Name of Utility</b>	<b>Address</b>	<b>Ph./FAX/ Email ID</b>
1.	PGCIL	Chairman & Managing Director, Powergrid Corporation of India Ltd., SAUDAMINI, Plot No.2, Sector-29, Gurgaon, Haryana-122001.	Phone: 0124- 2571800/2571900 Email: <a href="mailto:cmd@powergridindia.com">cmd@powergridindia.com</a>
		Executive Director (CMG) Powergrid Corporation of India Ltd., SAUDAMINI, Plot No.2, Sector-29, Gurgaon, Haryana- 122001	Phone: 0124 2571700-719 Sh. Anoop Singh (ED) Email: <a href="mailto:anoops@powergrid.in">anoops@powergrid.in</a> Phone No.: 9650048040 Manoj Singh (Chief Manager) - 9428511986 Anjali Banga (DGM) Mob: 09910378015 Email: <a href="mailto:anjali@powergrid.in">anjali@powergrid.in</a>
2.	CTUIL	Chairman & Managing Director, Central Transmission Utility of India Ltd. First Floor,SAUDAMINI, Plot No.2, Sector-29, Gurgaon, Haryana-122001.	Ashok Pal (Deputy Co) Email: <a href="mailto:ashok@powergrid.in">ashok@powergrid.in</a> Phone No.: 9910378105 <a href="mailto:pcgarg@powergrid.in">pcgarg@powergrid.in</a> Pratyush Singh Email: <a href="mailto:pratyush.singh@powergrid.in">pratyush.singh@powergrid.in</a> Phone No.: 8826094863

3.	MSETCL	<p>Chairman &amp; Managing Director</p> <p>Maharashtra State Electricity Transmission Co. Ltd.</p> <p>Prakashganga,</p> <p>Bandra Kurla Complex,</p> <p>Plot No C-19, E-Block, Bandra (E),</p> <p>MUMBAI – 400 051</p>	<p>Phone: 022-26595401</p> <p>Email: <a href="mailto:md@mahatransco.in">md@mahatransco.in</a></p>
		<p>Chief Engineer (Tr. Projects)</p> <p>Maharashtra State Electricity Transmission Co. Ltd.</p> <p>Prakashganga,</p> <p>Bandra Kurla Complex,</p> <p>Plot No C-19, E-Block, Bandra (E),</p> <p>MUMBAI – 400 051</p>	<p>022-26595125</p> <p>Email: <a href="mailto:cecm@mahatransco.in">cecm@mahatransco.in</a> ; <a href="mailto:cedcm.co@gmail.com">cedcm.co@gmail.com</a></p> <p>Sh Suryavanshi (CE): 09920771992</p>
4.	M/s Sterlite Power	<p>Head - Corporate Affairs &amp; Business Devpt.</p> <p>Sterlite Grid Limited</p> <p>The Mira Corporate Suite,</p> <p>Plot No. 1 &amp; 2, C Block, 2nd Floor,</p> <p>Ishwar Nagar, Mathura Road,</p> <p>New Delhi 110 065</p>	<p>Balaji Sivan (Director):</p> <p>8527544855</p> <p><a href="mailto:balaji.sivan@sterlite.com">balaji.sivan@sterlite.com</a></p> <p>Yash Tandon (Assistant Vice President):</p> <p>9871390933</p> <p><a href="mailto:yash.tandon@sterlite.com">yash.tandon@sterlite.com</a></p> <p>Md Sharique Afzal (Manager):</p> <p>9711806377</p> <p><a href="mailto:sharique.afzal@sterlite.com">sharique.afzal@sterlite.com</a></p>
5.	M/s Adani Energy Solutions Limited		<p><a href="mailto:Sunnykumar.Singh@adani.com">Sunnykumar.Singh@adani.com</a>;</p> <p>Sunny kumar singh:8743005588</p> <p><a href="mailto:praveen.tamak@adani.com">praveen.tamak@adani.com</a></p> <p>Praveen Tamak: 9711733252</p>

**Minutes of Meeting held under the chairmanship of Chief Engineer (PSPM division), CEA on 01-03-2024 to review the progress of transmission schemes impacting the Available Transfer Capacity (ATC)/ Total Transfer Capacity (TTC) requirement of Maharashtra.**

List of participants is attached at **Annexure-I**.

1. Chief Engineer (PSPM division), CEA welcomed all the participants and stated that the timely commissioning of all the transmission schemes identified to increase the Available Transfer Capacity (ATC) of Maharashtra are of utmost importance as the same have been planned keeping in view the constraints in Maharashtra in meeting their ATC requirement from Inter State Transmission System (ISTS).
2. Chair enquired from CTU/ MSETCL regarding the impact on enhancement in ATC after commissioning of some of the transmission schemes/ elements in FY 2023-24 (as on 29-02-2024). Chief Engineer, STU (Maharashtra) informed that the joint study with WRLDC and SLDC is going on and expected to be completed by next week. After that the report prepared will be sent to NLDC and NLDC will declare the enhanced capacity. Chair stated that CEA should be informed regarding the enhancement in ATC as and when the same is declared.
3. Deputy Director (PSPM) stated that as per status provided by MSETCL for the month of Jan-2024, it has been noted that for some of the projects (e.g Babhleswar – Kudus line, etc) there has been no progress since last 02-03 months or there has been very little progress. Hence, the issues involved in all the schemes needs deliberation. The detailed status of the projects as provided by the respective utilities/ Organizations in the meeting is attached at **Annexure-II**.
4. CTU made a presentation in the meeting highlighting status of progress. The brief of important issues deliberated in the meeting and updates provided in respect of some of the schemes is as under:

Sl. No.	Element	Implementing Agency	Expected COD	Revised CoD (as informed in meeting dated 01-03-2024)	Remarks
1.	(a)Babhleswar – Kudus 400kV D/c (Quad) line and Kudus Downstream System. (b) ICT Augmentation (3rd) along with 220kV additional outlets from Kudus S/s	MSETCL	Mar-24	Dec-24	For 400 kV Babhleswar – Kudus line: No progress in last 3 months due to high compensation demand (beyond 4 times of norms) & row issues.  For 220 kV Kudus Downstream system: •Only Forest working permission is pending which is expected in 1 month. •220kV Kolshet - Wada line: Anticipated COD-Dec-24. •LILO of 220kV Tarapur – Borivali line: Anticipated COD- May-24
2.	Addl. Feed to Navi Mumbai (Part System): 220kV Apta-Taloja LILO at	STERLITE	Mar-24	Apr-24	Tapping proposal submitted on 05/01/2024. Work on last two tapping tower works will commence shortly. Material is on ground.

Sl. No.	Element	Implementing Agency	Expected COD	Revised CoD (as informed in meeting dated 01-03-2024)	Remarks
	Navi Mumbai 220kV Apta-Kalwa LILO at Navi Mumbai				Work can be completed by Apr-24 provided that stay of High Court is vacated which is impacting 1 tower (Mewar Investments has got a High Court stay on tower construction for 1 tower on Apta -Taloja line LILO). The next hearing is on 8 <sup>th</sup> March 2024.
3.	Installation of 2x500MVA, 400/220kV ICTs at Warora (MSETCL) S/s	MSETCL	Mar-24	June-24	2 Nos. Units (of 167 MVA) out of 7 units received at Site & Final inspection of remaining 5 ICTs is underway. Expected to reach site by Apr-24 end. Civil works has been completed.
4.	Khed City – Pune(GIS) 220kV D/c line and Ranjangaon – Pune(GIS) 220kV D/c line	MSETCL	Nov-24	M/C- July-24 D/C- Jan-25	M/c: 5 km (19 locations) & D/c: 13km (43 locations). M/c portion (LILO portion to feed Ranjangaon load) is being targeted by Jul-24 with which power drawal from Pune ICTs will be commenced. Balance D/c portion (for Khed city) by Jan-25.
5.	Adtl. Feed to Navi Mumbai (WRSS-XIX): • Padghe(PG)(GIS) – Khargar/Vikhroli (to be terminated into one ckt of khargar-Vikhroli line) 400kV D/c line • LILO of Padghe-Vikhroli at Navi Mumbai	STERLITE	June-24	June-24	Issue at one tower location falling in PGCIL boundary. PGCIL has requested M/s Sterlite to explore alternative feasible route/ cable arrangement and submit revised termination plan for proposed 400 kV Padghe- Khargar line. M/s Sterlite informed that it has requested PGCIL to help in getting Location no. 102/0 (Dead end) tower work started at the earliest
6.	1x1500MVA ICT-III at Ektuni	MSETCL	June-24	March-26	Tender will be floated in 15 days and bid opening within 1 month thereafter. DPR is under approval in MERC and LOA will be issued after same. Commissioning will be 2 years after award.
7.	LILO of one ckt of Lonikand-I – Jejuri 400kV D/c line at Pune(PG)(GIS) with high capacity conductor along with reconductoring of Lonikand-I – Jejuri line section	MSETCL	Jun-25	Mar-26	Scheme (est. cost of ~350Cr.) approved in MSETCL BOD on 19.01.2024 and DPR is under preparation. After approval of MERC, LOA will be issued with schedule of 18 months.
8.	Augmentation of transformation capacity at Koradi-II 400/220 kV generation switchyard by 1x500 MVA ICT (3rd)	MSETCL	-	Mar-26	Scheme received recently, Requirement of 3 <sup>rd</sup> ICT has been confirmed from load flow Study. MSETCL will be implementing it in 2 years time.
9.	Western Region Expansion Scheme XXXI (WRES-XXXI): Part A • LILO of Tarapur/Velgaon – Padghe (M) 400kV D/c line at Kudus(M) S/s & connecting it with Padghe(PG)(GIS) – Kudus 400kV D/c (New) line so as to form Padghe(PG)(GIS) – Padghe(M) 400kV D/c line and Tarapur/Velgaon – Kudus(M) 400kV D/c line • Shifting of Padghe(PG)(GIS) – Padghe(M) 400kV D/c line from 400kV Section A to	Scheme planned & is to be implemented in matching time-frame of STU scheme for which feedback from MSETCL also received in Feb-24	FY 2026-27	FY 2026-27	ISTS Scheme shall now be taken up for approval in NCT meeting with schedule of 24 months from allocation to implementing agency.  For associated MSETCL works: a) Survey under progress for estimate preparation. b) MSETCL to have internal discussion and realistic target to be intimated in 15 days to CTU so that ISTS scheme may be matched with STU scheme and utilisation of the assets under ISTS is ensured.

Sl. No.	Element	Implementing Agency	Expected COD	Revised CoD (as informed in meeting dated 01-03-2024)	Remarks
	Section B and termination into 2 Nos. 400kV line bays to be constructed at Padghe(M) Section B				

Progress of Intra-state system critically loaded in current time-frame (as per GRID-INDIA) for which remedial measures are to be taken by (MSETCL):

S.No.	Scheme	Expected COD	Revised COD as informed in meeting dated 01-03-2024	Remarks
1.	N-1 non-compliance of 400/220 kV ICTs at Padghe : 500MVA 400/220kV ICT	Jun-24	Dec-24	Land development is taking time.
2.	N-1 non-compliance of 400/220 kV ICTs at Kalwa : 2x500MVA, 400/220kV Kalwa (GIS) S/s & Vikhroli S/s (3x500MVA ICTs)	Jul'23 (may get delayed by 3-4 months)	Apr-24	MSETCL stated that with the commissioning of Vikhroli S/s, N-1 compliance at Kalwa (existing) S/s is now being met. Hence, 2x500MVA Kalwa (New)(GIS) S/s may not be required. It was decided to remove the mention of 2x500MVA Kalwa (New)(GIS) S/s here onwards.  LILO of Kalwa-Talegaon (400 kV line) at Vikroli expected to be commissioned in a month (1st week of Apr-24).
3.	N-1 non-compliance of 220 kV Bableshwar-Nashik-D/c lines: 400/220kV Pimpalgaon S/s	Feb-26	Apr-26	Tender refloated. Bid submission in Mar-24. S/s is expected in 24 months from LoA.
4.	Low voltages in Western part of Maharashtra (Jejuri, Lonikhand, Lonikhand-II, Kalwa, Padghe, Pune areas)	Jun-25	Sep-24	1595 MVA capacitor banks for Pune/Solapur area approved in last board meeting. MERC clearance being sought and tender would be floated thereafter with timeline of 6 months from award. One Tender floated for Nashik Zone on 05/12/2023. LOA is to be issued based on MERC approval.

- Concluding the meeting, the chair instructed the project implementing agencies to adhere to the commissioning timelines of the transmission schemes as decided in the meeting and in case support of CEA is required the same may be intimated by the concerned utility for taking timely action. He also directed the utilities to send the progress of transmission projects to CEA/ CTU on regular basis i.e. 7<sup>th</sup> day of every month. He further stated that the issues may be discussed by MSETCL with other stakeholders on regular basis.

Meeting ended with vote of thanks to the chair.

**List of participants in the meeting held on 01-03-2024**

**CEA:**

1. Sh. Y.K Swarnkar, Chief Engineer (PSPM).....in Chair
2. Mrs. Sheetal S Jain, Deputy Director (PSPM)
3. Ms. Saroj Kumari, Assistant Director (PSPM)

**PGCIL:**

1. Sh. Ajeet Singh

**CTUIL:**

1. Sh. Partha Sarathi Das, Senior GM
2. Sh. Pratyush Singh, Manager

**MSETCL:**

1. Sh. Peeyush Sharma, CE (STU)

**STERLITE:**

1. Sh. Ninad Pitale, Vice President (Project Director)
2. Md Sharique Afzal, Manager-Policy Advocacy

**Adani:**

1. Sh. Sunny kumar Singh
2. Ashish Vaidya
3. Rajju Hassan
4. Vivek Gautam
5. VIKRANT PATIL