



सत्यमेव जयते

**Monthly Progress Report of
Critical Transmission Projects under
Central, State and Private Sector
(As on 31.07.2022)**

Government of India
Ministry Power
Central Electricity Authority
Power System Project Monitoring Division
New Delhi

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Summary

Sl. No.	Region	765 KV		400 KV		220 KV		Page No.
		No. of Tr. Lines	No. of Substa-tions	No. of Tr. Lines	No. of Substa-tions	No. of Tr. Lines	No. of Sub-stations	
1	Northern Region	0	0	7	0	1	0	2-11
2	Eastern Region	0	0	2	0	0	0	11-15
3	Western Region	0	0	3	0	4	0	16-20
4	Southern Region	0	0	1	0	0	0	20
5	North Eastern Region	0	0	0	0	0	0	-
6	Inter-Re-gional	1	0	0	0	0	0	21-26
	Total	1	0	13	0	5	0	Total Ele-ments :19

Critical Transmission Projects in Northern Region (NR)

Sr. No.	Transmission Corridor / Sub-station	Scheduled Commissioning Date	Actual / Likely Commissioning Date	Purpose of the Transmission System	Executing Agency	Progress	Reason for delay and brief detail of issues	Action required / Remedial measures taken
1	Mohindergarh - Bhiwani 400kV D/C line.	Aug'18/ May'22	Sep'22	Mohindergarh - Dhanonda 400kV D/C line is critically loaded. These loaded lines would be relieved after commissioning of new lines 400 kV Mohindergarh - Bhiwani D/C line.	Powergrid Corporation of India Limited (PGCIL)	LGH: 122 Ckm TL: 182 nos. FDN:182 nos. TE: 181 nos. STG: 103 Ckm	Ø Work affected as portion executing agency C&C case referred to NCLT. Contract of C&C terminated. Balance work awarded to the new agency in Nov'19. Ø Severe ROW at 1 Tower erection and 9.5 km stringing.	Ø PGCIL to expedite progress of the line for early completion keeping in view the criticality of this line. ➤ Ø District administration help required to resolve ROW.
2.	Lahal - Chamera 400kV D/C line	Oct'16	Sep'22	For evacuation of POWER FROM 400Kv Sub-Station at Lahal. Major Project Injection by: 1) 180 MW Bajoli-Holi HEP 2) Small IPP's aggregating	H.P. Power Transmission Corporation Limited (HPPTCL)	LGH:- 71 Ck TL: - 112 nos. FDN: -442 (stubs) nos TE: - 96 nos. STG: 32 Ckm		➤ Tower erection and stringing work is at full swing.

				to 31 MW presently. Future injection by kuter Hep 240 MW				
3	Suratgarh TPS – Babai (Jhunjhunu) 400kV D/C line	Jan'13	-	This line is part of ATS of Suratgarh Super Critical TPS (2x660 MW).	Rajasthan Rajya Vidyut Prasaran Nigam Limited (RVPNL)/ M/s Aster Chennai	LGH: 490 Ckm TL: 676 nos. FDN: 676 nos. TE: 676 nos. STG:469 Ckm	➤ 2 Nos. towers at loc.34/12 & 35/0 collapsed on 16.04.2019 and need to be re-erected. ➤ Termination notice issued to the firm on 13.12.2019. Stay against termination granted by NCLT, Hyderabad.	➤ Case is sub-judice and efforts are being made by RVPN to resolve the issue
4.a	TapovanVish-nugadh - Kunwari Pass (Pipalkoti) 400 KV D/C line	Mar'19	Mar'23	For transfer of power from TapovanVish-nugad HEP up to Pipalkoti.	Power Transmission Corporation of Uttaranchal Limited (PTCUL)	LGH: 36 Ckm TL: -48 nos. FDN: - 21/48no . TE: - 13/48 no. STG: - 0/36 Ckm	➤ Forest proposal submitted on 10.06.2018. ➤ Principal Approval of forest proposal (Stage-I clearance) obtained on 09/10/2019. ➤ Final Approval of forest proposal (Stage-II clearance) obtained on 21/07/2020. ➤ Work stopped on 22.03.20 due to lockdown of state during COVID19. ➤ Work re-started on 27.04.20 as per GoU order. ➤ Shortage of labours during COVID-19	
4.b	Kuwari Pass (Pipalkoti)-Karanprayag – Srinagar 400	Sep'19	Mar'23	For transfer of power from TapovanVish-nugad HEP	Power Transmission Corporation of	Package-1 -Pipalkoti-Nakot line (62 ckm)	➤ Forest proposal has been submitted on dated 24.11.2018 for package-I, on dt.23.10.18 for package-II and on dt.23.02.19 for package-III.	

	KV D/C line (in three package)			and VishnugadPipalkoti-HEP up to Srinagar pooling station	Ut-taranchal Limited (PTCUL)	Pack-age2- Nakot-Dhanpur forest line (62 ckm) Pack-age3- Dhanpur-Srinagar line (62 ckm) LGH: 186 Ckm TL: -220 nos. FDN: 167/220 no TE: - 90/220 nos. STG: - 0/186Ckm	➤For Pak-I - Principal Approval of forest proposal (Stage-I clearance) obtained on 11/10/2019 and final approval (Stage-II clearance) obtained on 28/07/2020 ➤For Pak-II- Principal Approval of forest proposal (Stage-I clearance) obtained on 11/10/2019 and final approval (Stage-II clearance) obtained on 22/05/2020. ➤For Pak-III -Principal Approval of forest proposal (Stage-I clearance) obtained on 13/03/2019and final approval (Stage-II clearance) obtained on 29/01/2021 ➤Work stopped on 22.03.20 due to lockdown of state during COVID19. ➤Work re-started on 25.04.20 as per GoU order. ➤Shortage of labours during COVID-19.	
5	Srinagar-Kashipur 400 kV D/C line LoT 1(400kV D/C Transmission Line from 400kV S/s Khandukhal to Inter-connection point nearby Kotdwar Region) LOT-I	Mar, 19	-	Required for evacuation of power from SingoliBhatwari HEP (3x33MW), Tapovan-Vishnugad HEP(4x1301 MW) and	Power Transmission Corporation of Ut-taranchal Limited (PTCUL)	LGH: 83 Ckm TL: - nos. FDN: nos. TE: - nos. STG: - Ckm	➤Contract was awarded to M/s Cobra. On 24 Dec 2013.Due to non performance contract with M/s Cobra was terminated on 16.11.2017. ➤ As per MoM of 3rd meeting of NRPC Transmission Planning held on date 19.02.2021 it was agreed that Implementation of 400 kV D/c Khandukhal (Srinagar)-Rampura (Kashipur) line to be taken up under central sector as an ISTS scheme with the matching time frame of commissioning of Vishnugad Pipalkoti HEP of	

				VishnugadPi-palkoti-HEP(4x111 MW) and other proposed HEPS of Alaknanda basin beyond pSrinagar.			THDC i.e June 2023 or Tapovan Vishnugad HEP of NTPC whichever is earlier MoP vide Gazette notification dated 17 Jan 2022 appointed PFC Consulting limited as a bid process coordinator for this transmission scheme.	
6	Chandigarh - Panchkula (PG) 220KV D/C (incl. 9.7 Kms underground cable).	Feb'19/ Jun'19 (Rev.)/ Apr'20 (Rev.)/ Jun'21 (Rev.)/ Sep'21 (Rev.)/ Apr'22 (Rev)	Sep'22		Powergrid Corporation of India Limited (PGCIL)	LGH: 48 Ckm TL: 57 nos. FDN: 57 nos. TE: 56 nos. STG: 46.5 Ckm	Ø Work of downstream system (66kV cable) under progress by UT of Chandigarh. Ø 220 kV Underground cable laying completed. Ø Work held up 1 Tower erection location due to ROW issues. ➤ Ø A meeting with Addl. CS (Power) held on 18.09.2020 at Chandigarh for resolution of ROW problem.	• Ø ROW at 5 locations hampering progress. • Ø DM, SAS Nagar issued orders on 9th Nov 2020 for start of works. • Ø 02 foundations completed. • Ø High Court Stayed works on 16.11.2020. • Ø Hearing held on 25 & 26 August'21. High Court Dismissed Writ Petition on 25.10.2021. ➤ Severe ROW at 1 location for Tower Erection (6A/1). Brick Kiln owner has filed LPA in divisional bench of HC. The LPA No 1115 of 2021 filed against the Hon'ble Single Bench combined with the Stay application CM1005-

								LPA-2022 was heard by the Hon'ble Division Bench on 26th, 27th and 28th July 2022 keeping the matter reserved for judgement.
7	Koteshwar – Rishikesh 400 KC D/C (TBCB)	Jun'21	Uncertain / December 2024 / Minimum 23 no. of working months required from the date of resolution of CERC Petitions, IDPL - NOC from Uttarakhand State Govt, DFO (Tehri), DFO (Dehradun), Court proceedings etc	400 kV AC link between Rishikesh and Koteshwar shall improve the power supply to Uttarakhand and also obviate the power transfer constraint on 400 kV Roorkee - Muzaffarnagar line during low hydro generation condition. This link would provide additional outlet from Tehri/ Koteshwar generation complex and independent feed for providing reliable and quality power supply to Rishikesh area.	NRSS XXXVI Transmission Ltd. (A subsidiary of EsselInfraproj. Ltd.)	LGH: 81 Ckm TL: 106 nos. FDN: 26 nos. TE: 0 nos. STG: 0 Ckm)	➤ Forest clearance awaited. ➤ NOC is awaited from Govt. of Uttarakhand for construction of line in premises of Indian Drugs and Pharmaceuticals Limited (IDPL), Rishikesh. ➤ A meeting in this regard is convened by The Chief Secretary of the state along with other stake holders along with the consultant M/s E&Y On 10 December 2019. A new route has been proposed. ➤ Further, a meeting was taken by Chairperson, CEA on 16.03.2020 wherein the revised route was discussed and it was concluded that the proposed route alignment is the best option. ➤ CERC Petitions pending: Diary No. 575/2020 - Petition seeking extension of Scheduled Commercial Operation Date ➤ The forest proposal of Tehri&Narendranagar was submitted on 4th Apr 2019 & under processing. The consent of DFO (Dehradun) in this regard for forest proposal submission is also awaited. ➤ Minutes of the meeting held under the chairmanship of Joint Secretary (Trans), MoP on 11.11.2020 through video conference to review the status (Point No: 2.2.6) - NOC from IDPL is expected by Nov'20 end (As on date not yet received). After the receipt of the NOC, we will submit the forest proposal to the forest	➤ IDPL conveyed it's no objection on 03.04.2019 stating that Uttarakhand Government is planning to construct Convention Centre along with Hill Culture, Yoga and Wellness Centre on the said land. Accordingly, IDPL requested to take no objection certificate also from Uttarakhand Government. Accordingly, the detailed proposal of NoC was submitted to Tourism Deptt. of Uttarakhand on 27.05.2019. ➤ Project stalled because of unexpected delay in obtaining NOC from IDPL. Tender Notification: ➤ PTC India Financial Services Limited – Global Invitation (Competitive Bidding Process) on 17.11.2020 Shri Mritunjay Kumar Narayan, Joint Secretary (Transmission), Ministry of Power, GoI - Review meeting on 10.02.2021 at 03.00 pm

							department for approval. Due to financial issues, it is planning to disinvest in NRSS-XXXVI. ➤ On 17.04.2021 a joint site visit was conducted along with PTCUL, Uttarakhand Tourism Dept. & NRSS XXXVI officials to check the feasibility of the route, during the visit state Uttarakhand tourism department suggested a 2nd new route to follow . ➤ On 4th& 5th June 2021 detailed survey is carried on IDPL land where 3 options were explored out of which interchange of Gantry with PTCUL is found feasible and has been proposed to Uttarakhand Tourism Dept. on 17.06.2021 also the Gantry exchange proposal is submitted to PTCUL ➤ Uttarakhand Tourism Dept. vide letter no 2-6-1225/2021 dated 14.07.2021 has provided their provisional NOC for the construction of 400 kV DC Rishikesh – Koteshwar line traversing through IDPL land agreeing with gantry exchange of said line with PTCUL. ➤ Follow up with PTCUL is going on for the GANTRY exchange proposal. ➤ In further process of Gantry Exchange proposal with PTCUL, PTCUL has issued a letter to NRSS XXXVI Transmission vide letter no 690/400 kV O&M DR dated 18.09.21 directed to take NOC from Animal Husbandry	through video conference. NTRSS XXXVI request to MOI - Support required From Ministry of Power ,Govt of India: Urgent Intervention of Uttarakhand State Govt. authorities is requested for arranging to issue IDPL NoC approval (Pending since 2017) at the earliest so that NRSS XXXVI can process forest application preparation under the guidance and recommendation of forest diversion application by DFO Dehradun – MoP had agreed to take up the matter with Uttarakhand State Govt. authorities ➤ NRSS 36 team requested State tourism department & PTCUL that in order to follow the 2nd new route the detail survey has to be done and see all the technical feasibility. Initially It was scheduled on 25.04 .2021 but due to Corona curfew and entire lock down in Uttarakhand state it was cancelled & rescheduled on 4th& 5th June 2021.
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						Dept. of Uttarakhand because in the process of Gantry Exchange 03 Nos of new Tower has to be installed which will fall under the land of Animal Husbandry Dept. With reference to letter no. 690 dated 18.09.21 of PTCUL for taking the NOC from State Animal Husbandry Dept. NRSS XXXVI requested PTCUL that for gantry exchange they are not using any extra land/ new route. NRSS XXXVI will use existing 3 towers of Rishikesh – Nehtour line by strengthening the cross arms or reconstruction of the tower. NRSS XXXVI Project has been successfully substituted by PFS (PTC India Financial Services Ltd.) to Resergent Power Ventures Pte Limited which is a joint venture with TATA Power. LoI has already been issued by PFS for acquiring 100% share in NRSS XXXVI Transmission Ltd. As per the instructions of Hon'able Sec Power, Govt. of India to take the required NOC from Ani-	➤ In continuation again NRSS XXXVI Transmission requested UTD to expedite their approval for the pending NOC. ➤ As per the NOC provided by UTD NRSS XXXVI Transmission has submitted the gantry exchange proposal to PTCUL approval for which is awaited. ➤ NRSS XXXVI team is following up with PTCUL officials for the approval of GANTRY exchange proposal ➤ As per the PTCUL direction NRSS XXXVI is submitting the proposal for Animal Husbandry Dept. NOC. ➤ NRSS XXXVI has already given the undertaking to PTCUL for bearing of any new cost, statutory payment and statutory clearance is required in the GANTRY exchange process. ➤ Filing of petition is in advance stage
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						mal Husbandry Dept. Govt. of Uttarakhand for the termination of Koteswar – Rishikesh Line at IDPL land the proposal has been submitted and NOC is awaited from the concerned dept. As per the substitution process of project by PFS the petition has been filled to CERC for SPV transfer. Project substitution is on advance stage a hearing was done on 11.01.2022 under the consideration of CERC consisting petition file no 267/MP/2021 and the next hearing is schedule on 15.02.2022. On dated 24.02.22 a review meeting was held under the commission of CERC against the petition for substitution of NRSS XXXVI Project. Whereas project substitution is approved by CERC in favor of Resurgent Power Pte. As per the successful substitution of project SPV has transferred to Resurgent Power Pte. And SPA has been signed in between PFS, Essel Infra & Resurgent Power Pte. Site work is schedule to be start in the month of May 2022. NOC from Animal Husbandry Dept. of Uttarakhand is still awaited.	for SPV transfer in CERC. ➤ NRSS XXXVI team is continuously compiling for NOC from Uttarakhand Govt. for NOC as well as following up with PFS for substitution. Process for SPV transfer and transmission license is initiated. Follow up with Animal Husbandry Dept. of Uttarakhand for their NOC is going on. NRSS XXXVI has requested CEA to advise Animal Husbandry dept. to provide the necessary NOC to NRSS XXXVI. Under the reference letter no NRSS XXXVI/DEL/03-2022/02 dated 30.03.2022 NTL is continuously following up with Animal Husbandry Dept. Govt. of Uttarakhand for the issuance of final NOC for termination of Koteswar – Rishikesh Transmission
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							Under the substitution of project Resurgent Power Pte. has acquire 100% shareholding of NRSS XXXVI and site setup is under implementation by Resurgent Power for construction activity which will be start from the month of May 2022. Also the follow up is going on with Uttarakhand State Animal Husbandry Dept. for NOC as recommended by PTCUL. In order to get the stage -II approval & work for permission, the Forest Diversion Proposal for Babai – Bhiwani Transmission line, the payment under CAMPA & NPV has been done for the Rajasthan Portion. On 17.06.2022 Chief Engineer, CEA conducted a meeting at Rishikesh PTCUL substation along with the officials of PTCUL, Animal Husbandry & NRSS XXXVI to resolve the issue of pending final NOC of IDPL with Animal Husbandry Dept. where he directed the Animal Husbandry Official to provide final NOC as the project is time bound and being hampered from a long time due to final NOC from Animal Husbandry Dept. Construction activity for Babai - Bhiwani Line has been started Total 03 nos of Foundation completed in the month of July 2022. Tower Erection	Line at PTCUL substation in IDPL land. Animal Husbandry matter has to be taken up with Secretary Animal Husbandry Govt. of Uttarakhand as the case has been forwarded to him by Director Animal Husbandry
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							& Stringing gang has also been deployed on site. Foundation activity in Rajasthan Forest portion is also started. In - Principal approval for Gantry Exchange has been received by PTCUL and documentation for engineering related work has been started between PTCUL & NRSS.	
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Critical Transmission Projects in Eastern Region (ER)

Sr. No .	Transmission Corridor	Scheduled Commissioning Date	Actual/ Likely Commissioning Date	Transmission Constraint	Executing Agency	Progress	Reason for delay and brief detail of issues	Action required/Remedial measures taken
1. a	North Karanpura – Chandwa 400 kV D/C line (TBCB)	Sept'17	Jan'23	Evacuation of power from North Karanpura TPP .	North Karanpura Transco Ltd. (NKTL, a subsidiary of Adani Transmission Ltd.)	As per latest route. LGH: 102 Ckm TL: 115 nos. FDN: 112 nos. TE: 105 nos. STG: 50 Ckm.	➤ Due to non -availability of No Objection Certificate (NOC) from CCL/MoC, the work was delayed. ➤ CEA had decided that North Karanpura-Chandwa (NK-C) line shall be completed within 14 months from the date of NOC subject to grant of Forest Clearance (FC) within 200 Days from application. The forest proposal for NK-C Line was submitted on 17-06-19 and after passing more than 1030 days from the application of Forest proposal, the Forest clearance working permission was received on 12-04-2022. ➤ Nodal officer raised EDS on 03-09-20 for GM/JJ land NOC, FRA certificate & CA land area correction. Compliance of the same submitted	➤ NKTL has progressed aggressively to achieve FC in both lines but same is delayed due to the reasons beyond control of NKTL. Support is requested from CEA, NTPC and LTTCs in expediting the forest approval as it is the most critical activity in achieving the compressed execution schedule. ➤ CEA had called a meeting on 16-03-20, wherein Additional PCCF, Forest, Govt. of Jharkhand, had indicated timeline of approx. 7-8 weeks for moving the file from DFO level to Regional Office, MOEF&CC for NK-C line. However, for

1. b	North Karanpura – Gaya 400 kV D/C line (TBCB)	Sep'19	Jul'24		North Karanpura Transco Ltd. (NKTL, a subsidiary of Adani Transmis- sion Ltd.)	As per latest route. LGH: 196 Ckm. TL: 286 nos. FDN: 140 nos. TE: 132 nos. STG: 35.5 Ckm.	on 16-09-20 and Nodal office has recommended the proposal and submitted PART-IV to State Government on 11-11-20. State Govt. raised EDS on 22-12-20 regarding GM/JJ land NOC and FRA NOC. Due to DFO, Chatra post was vacant, it got delayed and cleared in online mode only on 16-01-21 after posting of DFO, Chatra South in last week of Dec'20. To expedite proposal in absence of GM/JJ land NOC, undertaking for GMJJ NoC and FRA Certificate also submitted by NKTL to Nodal officer on 02-02-21. ➤ FRA Certificate: DC, Latehar issued the Certificate on 02-06-2021. ➤ GM/JJ NOC: As the Commissioner Post lying vacant since Jul-20 to 19-02-21, issuance of the NOC delayed and finally Commissioner, Palamu issued the GM/JJ Land NOC on 30-03-21. ➤ Subsequent to that EDS raised by Nodal office on 29-06-2021 and compliance done at DFO Level. Then proposal forwarded to state Government on 11-08-2021. After scrutiny the Proposal forwarded to Regional office for further processing by State Government on 23-9-2021. IRO, Ranchi has raised EDS to State Govt vide letter dtd. 08.10.2021 and proposal forwarded to User agency for Compliance on 13-11-2021. Compliance of the query done on 15-11-2021 and resubmitted by NKTL. State Govt. submitted compliance to IRO, Ranchi on 06-01-2022. REC Meeting conducted on 14-01-2022 and Stage-I for NK-C line issued on 17-01-2022. Revised demand note	NK-G line the timelines not provided by Forest officials. ➤ CEA again called meeting on 16-10-20 & 29-01-21 for NKTL, wherein NKTL raised concerned for delay in forest clearance of NK-C and NK-G line. ➤ NKTL requested CEA and forest officials to expedite forest clearance for NK-C and NK-G line. ➤ NKTL informed in the above meeting that, GM/JJ land NOC becoming bottleneck for processing of proposal for Stage-I and NKTL conveyed in the above said meeting that, in absence of FRA NOC request State Govt. to process for stage 1 approval as FRA NOC is not mandatory at this stage. ➤ Based on meeting, MOP issued letter to Chief Secretary, Jharkhand for issuance of GM/JJ land NOC and further processing of forest proposal vide letter dated 08-02-21. ➤ Furthermore, in meeting of 16-03-20, 16-10-20, 29-01-21 NKTL conveyed that, * NK-C line will be commissioned in 9 months from the date of forest clearance. Accordingly, as per receipt of working permission in Apr'22, likely commissioning by Jan'23 and **NK-G line will be commissioned 12 clear working months (except monsoon) from the date of Forest Approval. Ac-
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						from DFO Chatra and Latehar was received on 11.02.2022 and post acceptance from Nodal office on 17.02.2022, NKTL had immediately made payment on 21.02.2022. NKTL had also submitted Stage-1 compliance report to DFO Chatra and DFO Latehar on 23.02.2022 and 24.02.2022 respectively along with undertaking for making payment of Wild Life Management Plan (WLMP) and have requested earliest issuance of working permission. Demand note for payment for WLMP was received on 30.03.2022 and payment was made on 31.03.2022. Recommendation for issuance of Working Permission was sent by State Govt. to Nodal on 12.04.2022. DFO latehar and DFO Chatra South issued working permission on 13.04.2022 and 20.04.2022 respectively. DFO Chatra South & Latehar had sent recommendation to HPC for issuance of tree cutting permission on 27.04.2022 and 28.04.2022 respectively. HPC recommended issuance of tree cutting permission in meeting held on 02.05.2022. Tree cutting permission has been received for 4 nos. of villages for Chatra South division and for 13 nos. of villages for Latehar forest division by 22.06.2022. Demand note for storage and maintenance of cut tree has been received from Jharkhand State Forest Development Corporation limited for 4 nos. of villages under Chatra forest division. NOC for the same has been received. Demand note for balance 13 nos. of villages	cordingly, as per the current situation NKTL anticipating forest clearance by Apr'23 and likely commissioning by Jul'24. ➤ Subsequently, the review meeting conducted by Joint Secretary (Trans.), MoP on 11-11-20, 10-02-21 wherein NKTL has requested support in expediting forest clearances for both lines. ➤ On 31-03-21 and 15-06-21, review meeting conducted by Secretary (Power), MOP wherein NKTL requested support in expediting the Forest clearance for both lines. MOP requested PCCF, Jharkhand to expedite forest clearance. ➤ Also, MOP has requested Chief Secretary, Bihar vide letter dated 15-04-21 to expedite forest clearance for NK-G (Bihar Portion) and resolution of RoW issues at Gaya end. ➤ On 28-06-21, review meeting conducted by Member (PS), CEA, NKTL requested for support for Forest clearance and Resolution of ROW issues. Also CEA has requested for support in resolution of the issues vide letter dated 29-06-21. ➤ MOP again requested Chief Secretary; Jharkhand vide letter dated 22-07-2021 to expedite the pending forest clearances. ➤ As the delay in forest clearance is becoming bottleneck in fulfilling obligation of NKTL, also delay in Forest Clearance is be-
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						under Latehar Forest division has been received on 28.07.2022. ➤ All work outside of forest has been completed for NK-C line. ➤ North Karanpura – Gaya (NK-G) Line: CEA had decided that NK-G line shall be completed within 23 months from the date of NOC subject to grant of Forest Clearance (FC) within 300 Days from application. The forest proposal for NK-G Line was submitted on 20-07-19 and accepted by Nodal on 06-08-20. However, even after more than 1107 (Jharkhand) days from the application of Forest proposal the Forest Clearance is awaited. Part-II proposal recommendation from DFO, Chatra South and Chatra North to CF level held up for requirement of GM/JJ land NOC from the Commissioner Hazaribagh. GM/JJ land NOC recommended by DC Chatra on 05-08-2021 to Commissioner Hazaribagh. Commissioner Hazaribagh issued the GM/JJ Land NOC on 22-10-2021. CS/RS certificate issued by DC Chatra on 16.09.2021. Based on CS/RS Certificate issued by DC Chatra, it is observed that, the proposed forest area need to be revised due to identification of existing/missing plots as forest plots as per revised Circle Officer Report for CS/RS certificate. This led to revision in Forest proposal and additional NOC in respect of GM/JJ and FRA certificate in respect of identified additional forest area. For GM/JJ Land demand note issued by DM, Chatra on 21-12-2021 & Charges deposited on 31-12-2021.	yond control of NKTL. Therefore, FM notice was served to LTTCs and CEA on 25-02-20, 26-11-20 & 15-11-21, 25-05-22. ➤ Joint Secretary (Transmission), MoP convened meeting on 07-09-2021, NKTL had submitted complete Forest Chronology to MOP & CEA. ➤ Secretary (Power) convened meeting on 11-11-2021 & 08-12-2021, 19-05-2022 to expedite forest approval with all stakeholders. ➤ Issue details updated on PMG portal (Project ID: 22247 , Issue ID : 7322 and 7323)
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							Also SLDC/ DLC meeting completed for FRA. FRA Certificate and GM/JJ land NOC issued by DM, Chatra on 17-01-2022. DFO Chatra South has raised query on 05.03.2022 for mismatch in forest area in online and hard copy submitted. NKTL vide letter dtd 09.03.2022 conveyed that, change in forest area can be done at Nodal level not at user agency and requested DFO Chatra South to forward proposal to Nodal Office. DFO Chatra South & DFO Chatra North has requested for change in area to CF Chatra on 30.03.2022 on 19.04.2022 respectively. CF Chatra further requested Nodal, Ranchi for change in area on 19.04.2022. Nodal reverted CF Chatra on 24.05.2022 to process the proposal from DFO level and required changes in forest area in online proposal shall be done when proposal reaches nodal level. Presently, proposal is with respective DFO (Chatra South, Chatra North) for Part-II compliance. All work outside of forest has been completed	
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Critical Transmission Projects in Western Region (WR)

Sr . No .	Trans-mission Corridor	Sched-uled Com-mis-sion-ing Date	Ac-tual/Li-kely Com-mis-sion-ing Date	Transmission Constraint	Exe-cuting Agency	Progress	Reason for delay and brief de-tail of issues	Action required/Remedial measures taken
1.a	Bable-shwar-Ku-dus 400 kV D/C line	Oct'12	Decem-ber-2022	Due to delay in commis-sioning of 400 kV Bable-shwar –Kudus D/C line, heavy loading is observed on 400 kV Ba-bleshwar - Padghe line. Further 400 kV Ektuni-Bableshwar only one cir-cuit is kept in service by MSETCL to control the loadings at Bableshwar.	Maha-rashtra State Electric-ity Trans-mission Company limited (MSETC L)	LGH: 455.06Ckm TL: 717 nos. FDN: 657 Nos. TE: 596 nos. STG: 196.534 Ckm	Forest Status: (148 Ha) Second & Final approval received on 06.04.2018. GMRT Issue: The issue is re-solved. RoW: A) Nashik Zone: 22 cases for erection & 10 cases for foundations filed to Collector, Pune, he delegated powers to SDO, Manchar- Junnar, or-ders awaited. ROW cases for stringing filed at SDO Sangamner are resolved and work completed. 09 nos at SDO Manchar, order awaited, 1 no order re-ceived. B) Vashi Zone: Major ROW prob-lems due to nonpayment of compen-sation as per SDO order. Major Constraint: As per GR dated 31.05.2017 there is provision for payment of compensa-tion in respect of Tower foundation & erection i.e. 2 times the ready reckoner rate. However, revenue authority has is-sued orders for huge compensation.	GMRT issue: ➤The technical requirements are meet up as per the expert committee recom-mendations and apprized to the GMRT office during various meetings at Pune ➤A VC meeting was conducted by Principal Secretary (Energy) with DAE and GMRT authorities on 06.05.2022 and requested to issue NOC at the earliest so as to take up the works within 6km and outside 6km and upto 30 km from GMRT antennas ➤Now, draft MoU is submitted to GMRT, after signing of MoU, GMRT shall issue NOC ➤NOC issued by NCRA on 24.06.2022. ➤Prohibitory order from Collector Pune, Thane for filed cases. Constraints: Major ROW is non payment of exorbi-tant compensation as per SDO order, calculation of compensation as per GR dtd 31.05.2017 is awaited from SDO.
1.b	a) 220 kV MC LILO on 220kV Kolshet -	Nov'18	Decem-ber-2022	Downstream network at Ku-dus s/s.	Maha-rashtra State Electric-ity	LGH:35.78 Ckm TL: 50 nos. FDN: 29 nos. TE: 27 nos.	➤ Forest: 14.5 hec., 23 locations, 4.142 km length, Revised online pro-posal submitted on 05.08.2020 All re-quired hard copies submitted to re-spective DCF office. ➤ ROW: Major Constraint:	➤ Forest: Revised proposal submitted to DCF Thane on 18.02.2022 due to change of forest proposal from 14.50 Hec to 12.02. Hec. ➤DCF, Thane revisited site on 12.04.2022

	Wada line at 400kV Kudus S/s - 6.2 kms b) 220 kV LILO on 220kV Padghe - Wada line at 400kV Kudus S/s by stringing 3rd & 4thCkt on M/C towers at (a) above-6.2 kms.				Transmission Company limited (MSETCL)	STG: 10.32 Ckm	ROW at loc no 28 for erection, demanding huge compensation, this issue is resolved, the work will be started. As per GR dated 31.05.2017 there is provision for payment of compensation in respect of Tower foundation & erection i.e. 2 times the ready reckoner rate. However, revenue authority has issued orders for huge compensation.	➤ CA land issue: C.A. land is not available under CCF Thane Jurisdiction hence requested CCF Aurangabad for the same on 17.5.2022. ➤ As instructed by CCF, Aurangabad to DCF, Nanded, DCF, Nanded has instructed RFO's to provide details of CA land on 06.06.2022. ➤ DCF Nanded reported to CCF Aurangabad regarding identification of CA land
1.c	Construction of 220kV MC (Twin) line by making LILO of 220kV Tarapur – Borivali line and Boisar – Ghodbandar line at	Jul' 19	December-2022	Downstream network at Kudus s/s.	Maharashtra State Electricity Transmission Company limited (MSETCL)	LGH: 116.76 Ckm TL: 124 nos. FDN: 106 nos. TE: 82 nos. STG: 0 Ckm	Forest Status: Forest involved 11.11 Hec/2 towers and 3.174 km route length. Revised online proposal submitted on 05.08.2020 ROW: ROW at locs 3 TO 17. Negotiation is in progress. Facing huge opposition in vasai and Bhiwandi areas where multiple project such as Bullet train, DFCCIL, lines, Highways.	Forest: ➤ RFO ACF Palghar has carried out joint site visit on Dt.16.11.2021 and submitted report to DCF Dahanu on 02.12.2021. ➤ DCF Dahanu (Nodal) has requested CCF Thane for confirmation of CA Land on Dt.3.12.2021 ➤ Revised proposal submitted to DCF Dahanu on 16.02.2022 due to change of forest proposal from 11.11 Hec to 10.339. Hec.. ➤ CA land issue: C.A. land is not available under CCF Thane Jurisdiction, hence he requested CCF Aurangabad for the same vide letter no 65 dtd 17.5.2022 ➤ As instructed by CCF, Aurangabad to DCF, Nanded, DCF, Nanded

	400 kV Kudus (Padghe II) s/s – 27 km							has instructed RFO's to provide details of CA land on 06.06.2022. DCF Nanded reported to CCF Aurangabad regarding identification of CA land.
2	BECL (Padva) - Botad 220kV D/C line	Sep'12	Dec'22	Three 220kV line had been planned for evacuation of power from Bhavnagara Padva generation project. Out of 3, 220kV D/C lines, 2 lines has already been commissioned and completion of 3 rd line is pending due to severe RoW issue in Botad area. This Line is also required for evacuation of power from BECL (Padva)- 2X250 MW in Gujarat state.	Gujarat Energy Trans. Corp. Limited (GETCO)	LGH: 190 Ckm TL: 310 nos. FDN: 233 nos. TE: 177 nos. STG: 33.8 Ckm	➤ Contractual Issue. ➤ Work awarded on Risk & Cost basis	➤ Tender invited on risk & cost of EPC Contractor. Last date of tender is 24.09.2018. ➤ Tender date extended up to 24.04.2019 which is further extended to 01.07.2019. Tender under acceptance at Procurement & Project Committee conducted on 23/08/2019. ➤ LoI is placed on 22/10/2019 ➤ Presently work is affected due to Monsoon season
3	Mundra (Adani) - Zerda 400kV D/C line 1	Jun'12	Mar'23	This transmission line is part of ATS of Mundra TPP Ph.II (2x660MW), out of two no. 400kV D/C lines, one has already been completed. The line is required to meet the N-1 criteria for the project.	Gujarat Energy Trans. Corp. Limited (GETCO)	LGH: 666 Ckm TL: 997 nos. FDN: 491 nos. TE: 293 nos. STG: 0 Ckm	➤ Progress has been affected due to severe RoW problem. ➤ The executive agency is M/s Lanco for Pkg 1&2 and M/s Gayatri for Pkg 3. Further, there are contractual issue with M/s Lanco & M/s. Gaytri.	➤ Notice for Risk & Purchase has issued to the contractor. Party has approached to High Court. High Court issued final order on 07/05/2018 and dismissed the request of the petitioner. ➤ On 08/05/2018, GETCO issued notice to the contractor to short-close the tender and to invite the fresh tender at risk & cost of him. ➤ For Pkg 1: Tender is on website and last date of tender is 09.04.2019 and because of lack of competition further extended to 24.04.2019, 18.06.2019, 15.07.2019, 20/08/2019,

								17/09/2019, 03/10/2019, 17/10/2019, 18/11/2019, 16.12.2019. Tender under Acceptance. Due to high quote, pkg has again re-tendered on 28.02.2020 and last date of submission of bid is 30.03.2020. Extended to 04.05.2020, 27.05.2020 & further to 16.06.2020, 07.07.2020, 05.08.2020, 16.09.2020, 06/10/2020, 10/11/2020, 15/12/2020, 06/01/2021, 22/02/2021, 16.03.2021, 07.04.2021, 04.05.2021, 17.05.2021, 15.06.2021, 14.07.2021, 24.08.2021 ○ No bid received ○ To be re-invited ○ Change of Modality for re-tendering is under process ➤ For Pkg 2: Material accounting is completed. NIT done and due date of submission of bid is 07-01-2020. Due to no response, pkg has again re-tendered on 28.02.2020 and last date of submission of bid is 30.03.2020. Extended to 04.05.2020, 27.05.2020 & further to 16.06.2020 & 07.07.2020, 05.08.2020, 16.09.2020, 06/10/2020, 10/11/2020, 15/12/2020, 06/01/2021, 22/02/2021, 16/03/2021, 07.04.2021, 04.05.2021, 17.05.2021, 15.06.2021, 14.07.2021, 24.08.2021 ○ No bid received ○ To be re-invited ➤ Change of Modality for re-tendering is under process
4.	Soja – Zerda 400 KV D/C line	Mar'16	Dec'22	ATS of Wanak- bori TPS	Gujarat Energy Trans. Corp.	LGH: 268 Ckm TL: 398 nos. FDN: 396 nos. TE: 395 nos.	➤ Severe Row Issue .	➤ High court case is under trail for three nos of location ➤ Court order in favor of GETCO ➤ Presently work is under progress ➤ Party approach to Supreme Court.

					Limited (GETC O)	STG: 260.19 Ckm		➤ Work is held up
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Critical Transmission Projects in Southern Region (SR)

Sr . No.	Transmission Corridor	Scheduled Commissioning Date	Actual/ Likely Commissioning Date	Transmission Constraint	Executing Agency	Progress	Reason for delay and brief detail of issues	Action required/Remedial measures taken
1	Vemagiri – Kamavarapukota 400 KV D/C line	May'17	Dec'22	Relieve constraints in 400 KV network at Vemagiri (PG).	Transmission Corporation of Andhra Pradesh Limited (AP-TRANSCO)	LGH:186.72 Ckm TL: 268 Nos FDN: 257 Nos TE: 239 Nos STG: 138.228 CKm	➤ Delay due to: 1) Out of 268 Nos tower locations, 137 Nos locations are in paddy fields which are having three crop seasons per year and average working season in a year is 45 days approximately. ➤ Out of total existing RoW issues at 13 Nos. locations, RoW issues at 6 Nos. locations are cleared so far. ➤ 1 No. -ROW Court Case Stay Ordered for loc.87/1 and the counter was filed, awaiting for the listing of the case for hearing. ➤ Necessary action is being taken to resolve the issues.	Tower foundation and stringing works are under progress.

Critical Transmission Projects in Inter-Regional (IR)

Sr. No.	Transmission Corridor	Scheduled Commissioning Date	Actual/ Likely Commissioning Date	Transmission Constraint	Executing Agency	Progress	Reason for delay and brief detail of issues	Action required/Remedial measures taken
1	Warora (Pool) – Warangal (New) 765 kV D/C line (TBCB)	Nov'19	Oct '22	To facilitate import of power to Southern region based on the pessimistic scenario of non-availability / delay in commissioning of some of the generation projects in Southern region, this 765 kV additional transmission link has been proposed in case of contingencies including total outage of an entire	Warora Kurnool Transmission Ltd. (A subsidiary of Adani Transmission Limited)	LGH: 1758 Ckm TL: 2255 nos. FDN: 2175 nos. TE: 1794 nos. STG: 518.28 Ckm	➤ Work in Maharashtra state is stopped completely due to RoW problem ➤ As per route identified by BPC (PFC) the line would traverse through coal bearing area of Western Coalfields Ltd (Maharatna) and Singareni Collieries company Ltd, Telangana. Both WCL and SCCL wants the route to be diverted to avoid coal bearing area as their mining activity are expected very soon. About 4 towers are falling in SCCL area and 16 towers in WCL area. ➤ Due to no. of Force majeure condition the CERC Petition 334/MP/2020 filled seeking extension of scheduled commercial operation date along	➤ MoP vide letter no. 7/1/2017-Trans dated 26.06.2019, had constituted a committee under the Chairmanship of Chief Engineer, CEA with representatives from Ministry of Coal (MoC), WCL, CMPDI, SCCL, CEA & WKTL, TANGEDCO and KSEB to examine the issue and suggest possible solutions on the matter. Accordingly, report was submitted to MoP. ➤ It has been decided that construction on coal bearing area of SCCL would be completed along the approved route. ➤ In the coal bearing area of WCL two alternative routes (I & II) have been proposed. ➤ Subsequently, a meeting was taken by Additional Secretary (Trans), MoP on 15.11.2019 and CEA has been advised to collect more relevant information in connection with Alternate-II route such as, villages/ landowners likely to be effected & angle points with co-ordinates, etc. As per the decision of meeting held in MoP, the committee has also co-opted members from

				inter-regional link and other critical regional lines for reliability.			with consequential reliefs. on account of force majeure events on 05-03-20 and order received on 07-02-21. ➤ Also Adani Transmission Ltd. has gone for substitution process of M/s WKTL. Joint petition is filed in CERC in Jan'20. Joint Petition No. 71/MP/2020 is filed in CERC in Jan'20 for Change of management and CERC issued order on 27-01-21 for transfer of 100% shareholding/ any other securities held by Essel Infra or its affiliates (including that which is held under pledge by the Lenders) in WKTL in favour of ATL by execution of Share Purchase Agreement under Article 15.3.2 of TSA read with section 17(3) of the Act. ➤ 2nd wave of Covid-19 is impacting mobilization of gangs and actual commencement of the work. ➤ SPA carried out with ESSEL infra on 26th of March 2021 ➤ All the orders have been placed on EPC agencies and work commenced from May onwards. However work affected due to Covid 2nd Wave till Jun-21. The FM notices has been issued to LTTC on 15-05-21. ➤ Farmers in the section AP 89-AP 98 have filed a writ petition (Civil) No 2269/2019 in the Nagpur Bench of Bombay High court against the compensation amount finalized by	PFCCL and CTU for further discussion on the matter. In this connection the members of the committee visited Alternate – II route on 16.01.2020. Recommendation of committee has been submitted to MoP. ➤ CEA vide their letter dated 18.04.2020 asked WKTL to complete the balance work on original approved route. ➤ The review meeting conducted by Joint Secretary (Trans.), MoP on 11-11-20, for WKTL Project ➤ Dated 27th January 2021, Commission allowed transfer of shareholding of WKTL from ESSEL infra to ATL under Article 15.3.2 of TSA read with section 17(3) of the Act. ➤ SPA carried out with ESSEL infra on 26th of March 2021 ➤ All the orders have been placed on EPC agencies and work is planned to commence from May onwards. ➤ MOP, GOI vide its OM dated 12-06-2021 issued the extension of the 3 month for projects under execution as on 01-04-2021. ➤ On 28-06-21, review meeting conducted by Member (PS), CEA, WKTL informed that presently resources mobilized and work is being done at available locations.
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						the District Magistrate Chandrapur. The hearing of the case was scheduled on 16/06/2021. However postponed and new date is awaited. ➤Facing Stiff resistance from landowners in Yadadri Bhuvangiri & Rangareddy district. Matter is being taken up with District Administration for amicable solution. ➤Payments towards forest has been made for AP. Working permission has been applied after submitting the compliance report. Working permission is required urgently to meet the strict timelines. ➤Work permission in AP and Maharashtra received. In principal working permission received from PCCF on 26th Feb. However, before commencement of work we need to sign an agreement with concerned DFO. Out of three division in Telangana, one has been signed. For other two divisions (Mancherial and Peddapally) we are following up regularly. As such work could not be commenced in these 2 divisions. ➤Agreement for all three divisions signed. Waiting for tree cutting. Foundation work commenced where no tree cutting is involved. ➤Tree cutting is yet to be taken up.	
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							➤ Administrative support is required from Collector Office at Suryapeta to resolve RoW issues amicably at 5 pending locations to complete the foundations in C Peta – Warangal Line. ➤ Court cases are not being taken up by the respective Hon'ble courts due to Covid19. Further, date of hearing is being postponed. Status is as per below: 1. C PETA - WARANGAL Line :04 locations are held up since 26.12.2018 at High court of A.P. Hearing awaited. 2. HYDERABAD – WARANGAL: Injunction has been granted at 2 locations Viz 2/6 (Pending since October 2018) and 17/3 by the Honble High court of Telanagana. Matter of 2/6 WP11733/2018 was scheduled on 27.06.2022 but could not be reached on the day and hence still under injunction. WARORA – WARANGAL: Injunction on 01 location is pending since October 2020 and other case is pending since June'2021 in Honble	Support is required in clearing the pending court cases and order under section -16 on fast track
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							High court of Mumbai, Nagpur Branch.. Hearing Awaited. For 6 Locations : Section 16(1) has been filed to Collector, Chandrapur. First hearing was conducted on 21/6/2022, Second hearing 19/7/2022, and third hearing will be held on 2/8/2022. Orders under section-16 are required to commence the work at these 6 locations. ➤ Hyderabad – Kurnool : 5 cases are still pending in Honble High Court of Telangana. Injunction has been granted at Loc. No. 12/4 Vide WP-25430/2022 dated 14/06/2022 by the Honable High court of Telangana. ➤ Warangal New – Warangal (Existing) 400Kv - Writ Petition no. 26497 of 2022 has been filed by 34 landowners in Hon'ble High Court of Telangana. Hearing scheduled on 11.07.22, 18.07.22, 28.07.22, 29.07.22, got postponed and is yet to be heard. Critical RoW is being faced at Maharashtra State	Administration Support is required for early resolution.
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							Chandrapur & Yavatmal District Telangana State ➤ Asifabad, Mancherial, Karimnagar, Warangal, Yadadri Bhuvanagiri, Rangareddy and Suryapeta Districts	
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