

I/17580/2021



सत्यमेव जयते

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,

(संलग्न सूची के अनुसार)

विषय: पतरातू एसटीपीपी (3x800MW) एसोसिएटेड ट्रांसमिशन सिस्टम की प्रगति की समीक्षा कार्यवृत्त।

Subject: Minutes of meeting taken by Member(PS), CEA on 26.08.2021 to review the progress of Associated Transmission System of Patratu STPP (3x800MW) - Reg.

महोदय,

पतरातू एसटीपीपी (3x800MW) एसोसिएटेड ट्रांसमिशन सिस्टम की प्रगति की समीक्षा के लिए सदस्य (विद्युत प्रणाली) द्वारा 26.08.2021 को ली गई बैठक का कार्यवृत्त संलग्न है।

संलग्नक: यथोपरी।

भवदीय,

(यू एम राव भोगी) / (U.M.Rao Bhogi)

निदेशक / Director

(Phone No. 011-26732332)

Address list :

| S. No. | Address |
|--------|---|
| 1 | Chief Engineer(PSPA-II), CEA |
| 2 | Additional Chief Secretary, Dept of Energy, Govt. of Jharkhand, 3rd Floor, SLDC Building, Kusai, Ranchi, Jharkhand- 834002, psec.energy@gmail.com |
| 3 | Managing Director, Jharkhand Urja Sancharan Nigam Limited, JUSNL Building, Kusai Colony, Doranda, Ranchi – 834002, md@jusnl.in |
| 4 | CMD, NTPC, NTPC Bhawan, Scope Complex, Institutional Area, Lodhi Road, New Delhi – 110003 cmd@ntpc.co.in , ntpccc@ntpc.co.in |
| 5 | CEO, Patratu Vidyut Utpadan Nigam Limited, Patratu, P.O: PTPS Patratu, Distt. Ramgarh, Pin - 829119 (Jharkhand) Ph.06553- |

I/17580/2021

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|---|--|
| | 285031, ceopatratu@ntpc.co.in |
| 6 | COO, CTU, Gurgaon |
| 7 | CMD, PGCIL |

Copy to :

1. Director(Trans.), MoP, Shram Shakti Bhawan, New Delhi-110086, 2. PPS to Member(PS), CEA

I/17580/2021

Minutes of meeting taken by Member (PS), CEA on 26.08.2021 to review the progress of Associated Transmission System of Patratu STPP (3x800MW) in Jharkhand State

A meeting was held on 26.08.2021 at 11:30 AM through VC under the Chairmanship of Member (PS), CEA to review the progress of ATS of Patratu (3x800 MW) STPP in Jharkhand State. The list of the participants is enclosed at **Annexure-I**. The details of the deliberations held in the above meeting is given below;

1. Member (PS), CEA welcomed all the participants and requested the Chief Engineer (PSPM) to take up the agenda of the meeting.
2. Chief Engineer (PSPM), CEA stated that Patratu STPP (3x800MW) is being implemented by Patratu Vidyut Utpadan Nigam Limited (PVUN Limited, a JV of NTPC Ltd & Jharkhand Bidyut Vitran Nigam Ltd). The following Transmission system for evacuation of power from Patratu STPP is being implemented by Jharkhand Urja Sancharan Nigam Limited (JUSNL) which was approved in the 1st meeting of ERSCT held on 16.07.2018:
 - a) Patratu (PVUNL) - Patratu (JUSNL) 400kV (Quad) D/C line
 - b) Patratu(PVUNL) - Chandil 400kV (Quad) D/C line
 - c) Patratu (PVUNL) - Koderma 400kV (Quad) D/C line

As per the latest status provided by JUSNL to CEA, approval of Patratu STPP (PVUNL) - Patratu (JUSNL) 400kV (Quad) D/C line has been accorded by Govt. of Jharkhand. The award of work for this line is under process. However, construction of Patratu (PVUNL) - Chandil 400kV (Quad) D/C line and Patratu (PVUNL) - Koderma 400kV (Quad) D/C line is yet to start due to pending administrative approval at higher level of State Govt of Jharkhand.

In this regard, meetings were taken by Chairperson, CEA and Member (PS) I/C on 13.08.2020, 16.10.2020 & 13.01.2021. MoP vide DO letter dated 04.09.2020 & 09.11.2020 took up the ATS issue of Patratu STPP with Chief Secretary, Govt. of Jharkhand State. However, desired progress has not been observed.

CE(PSPM) queried representative of PVUNL for status/commissioning schedule of Patratu STPP and JUSNL for the status/commissioning schedule of the ATS.

3. Representative of PVUNL stated that Unit-1, Unit-2 & Unit-3 of Patratu STPP are now expected to be commissioned by Sep'2023, Mar'2024 & Sep'2024 respectively. He also stated that start-up power is required for Patratu STPP by Dec'2021.
4. MD, JUSNL informed that Patratu(PVUNL) - Patratu (JUSNL) 400kV (Quad) D/C line approval has been accorded by Govt. of Jharkhand, and LoA for the line is likely to be issued within a month. This is a short line and likely to be commissioned in 6 months from the LoA. The rest of the 2 ATS lines are yet to get administrative approval of Govt of Jharkhand. The start-up power would be provided through Patratu (JUSNL) substation.

I/17580/2021

5. Chief Engineer (PSPA-II), CEA expressed concern regarding delay of the ATS and clarified that all the 3 lines are required as per the decision taken in the ER Standing Committee on Power System Planning. He enquired about the status of the both end bays of Patratu STPP (PVUNL) & Patratu (JUSNL) 400kV (Quad) D/C line. Representative of PVUNL informed that the bays at Patratu STPP (PVUNL) substation end is likely to be completed within one month. MD, JUSNL informed that bays at Patratu (JUSNL) end is part of package of the line and is likely to be commissioned in matching time frame of the commissioning of the line.
6. Member(PS), CEA raised the concern over delay in administrative approval at higher level of State Govt of Jharkhand of Patratu (PVUNL) - Chandil 400kV (Quad) D/C line and Patratu (PVUNL) - Koderma 400kV (Quad) D/C line. These lines are lengthy and huge forest area might be involved, as the lines are passing through Jharkhand state. Forest clearance takes considerable time in Jharkhand. Some of the ISTS transmission projects taken more than 2 years for forest clearance. Further delay in approval of these transmission lines may become bottleneck in power evacuation.
7. CMD, JUVNL & Principal Secretary (Energy), Govt. of Jharkhand stated that Govt. of Jharkhand understands the criticality of said transmission lines for power evacuation of Patratu STPP. Approval of these transmission lines has been discussed at higher administrative level of Jharkhand State and may get approval, soon. He informed that cost escalation is one of the reason for the delay in administrative approval. JUSNL is preparing justification for the cost escalation, required for the administrative approval.
8. Representative of CTU expressed that completion of planned 400kV transmission ring scheme is necessary for future power requirements and reliable transfer of power in Jharkhand. MD, JUSNL informed that administrative approval of Jharkhand Government is yet to be given for this scheme.
9. CE (PSPM), enquired JUSNL and PVUNL that whether ATS of Patratu STPP has been added in Pragati portal for faster resolution. PVUNL confirmed that this transmission project has already been added in PMG portal.
10. Representative of POWERGRID informed that Patratu-Ranchi New 400kV line and Patratu(JUSNL) S/s would be commissioned in August 2021 and September 2021, respectively. He informed that these projects belongs to JUSNL and POWERGRID is working as consultant for these projects.
11. CE(PSPA-II), CEA expressed that, though commissioning of Patratu-Ranchi New 400kV line and Patratu(JUSNL) S/s would be helpful for evacuation of Patratu power to certain extent, however planned ATS needs to be implemented in matching with PVUNL Generation plant. Further, he insisted for commissioning of Patratu STPP (PVUNL) - Patratu (JUSNL) 400kV (Quad) D/C line by December 2021 to draw startup power.
12. MD, JUSNL assured that this line would be completed by January 2021 with best efforts. He also expressed that as this generation project is a JV between NTPC and Jharkhand Utility, they are equally concerned from both sides and we will make best effort to ensure that there is no bottleneck in the evacuation of power from Patratu STPP.

I/17580/2021

13. Member(PS), CEA reiterated that ATS of the Patratu(3x800 MW) needs to be implemented on urgent basis to avoid bottling up for Patratu STPP, which is serious concern and would cause national wastage of resources.
14. MD, JUSNL requested that CEA should take up this issue with Jharkhand Government through MoP for expediting the administrative approval. CE (PSPM), CEA replied that MoP/ CEA had written many letters/ correspondence to Jharkhand Govt. However, matter shall be taken up again through MoP to expedite the approvals of remaining two lines by Jharkhand Govt.
15. After detailed deliberations, the following were agreed:
 - JUSNL has to expedite the construction of all the above mentioned ATS lines & Patratu(PVUNL) - Patratu(JUSNL) 400kV (Quad) D/C line on priority basis, so that PVUNL can draw the startup power by December,2021.
 - JUSNL, PVUNL and CEA to follow up with Govt. of Jharkhand for faster administrative approval of remaining transmission lines.

Meeting ended with vote of thanks to the chair.

I/17580/2021

List of Participants**CEA**

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|------------------------|----------------------------|
| 1. Shri Goutam Roy | Member(PS), CEA – In Chair |
| 2. Shri Pardeep Jindal | Chief Engineer (PSPA-II) |
| 3. Shri V.K. Singh | Chief Engineer (PSPM) |
| 4. Shri B.S. Bairwa | Director (PSPA-II) |
| 5. Shri U.M.R. Bhogi | Director (PSPM) |
| 6. Shri Rajesh | Dy. Director (PSPM) |

JUSNL/JUVNL

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|-----------------------|--|
| 1. Shri Avinash Kumar | CMD JUVNL & Principal Secretary(E) GoJ |
| 2. Shri K.K. Verma | Managing Director, JUSNL |

CTU

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| 1. Shri Ashok Pal | ED, CTU |
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POWERGRID

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| 1. Shri RK Gazarasen | GM |
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NTPC Ltd./ PVUNL

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|-----------------------------|---------------|
| 1. Shri Prem Prakash | CEO PVUNL |
| 2. Shri Subhash Thakur | AGM(PE-Elect) |
| 3. Shri Antim Kumar Jaiswal | DGM(PP&M) |