

Eastern Regional Power Committee, Kolkata

Minutes of Special Meeting on “Issues related to 132 kV Patratu (DVC) - PTPS (JUSNL) D/C tie lines” held on 10th November 2020 at 11:00hrs

The meeting was convened through online Microsoft Teams platform. List of participants is enclosed at **Annexure-A**.

Member Secretary, ERPC chaired the meeting and welcomed all the participants to the meeting. It was informed that the issue was deliberated in 172nd OCC Meeting held on 19th October 2020 wherein DVC informed that there are two tie lines between 132kV Patratu (DVC) S/s and PTPS(JUSNL) S/s. JUVNL had approached DVC for clearance of diversion of the above Tie ckts for construction of Ash-dyke area of new 2X800MW PTPS Project (a JV with NTPC). As per DVC Commercial Clearance (Vide no. COML/Diversion/PTPS-5130 dated 26.02.2020), it was decided that 132kV multi-ckt tower will be used for the diversion job, where one side (i.e. left side from existing location no. 14 to gantry at PTPS end) will be utilized for DVC's Transmission lines and the other side for JUSNL's transmission lines. However, the bottom lines were used for diversion of 132 kV Kanke and 132 kV Hatia lines and both of them are now in service. DVC added that they had commissioned one circuit on upper segment and the commissioning of another circuit is needed to be done. DVC requested JUSNL to divert their connection on one side so that 132 kV DVC second circuit would be commissioned.

Deliberations in the meeting:

- DVC explained that 132 kV Patratu (DVC) – PTPS (JUSNL) D/C tie lines are very important for maintaining power supply at Patratu. It would be difficult to carry out the maintenance of the lines, if both the lines were diverted through the top segment of multi-circuit tower. Shutdown of JUSNL lines of 132 kV Kanke and 132 kV Hatia would be required for carrying out the maintenance work on their lines.
- DVC requested JUSNL to divert JUSNL lines to one side so that DVC's line could be restored as per the agreement.
- PVUNL, NTPC explained that 132 kV Kanke and 132 kV Hatia lines were commissioned using the bottom segment of multi circuit towers on emergency basis to maintain power supply at Ranchi. For shifting the line as per the agreement, they need at least 6 days shutdown for 132 kV Hatia and Kanke lines. They informed that it is very difficult to arrange man and material due to ongoing Covid -19 Situation.
- PVUNL, NTPC added that diversion of 132kV lines using multi circuit towers is interim arrangement till completion of the 400/220 kV GIS substation within 3 years, thereafter multi circuit towers would be dismantled and the 132kV lines would be diverted accordingly.
- PVUNL, NTPC requested to maintain the existing configuration and other line of 132kV Patratu (DVC)-Patratu(JUSNL) could be restored using the upper segment of the multi circuit towers. Tower maintenance of multi circuit towers would be done by JUSNL.

- JUSNL informed that as per the current power scenario the 6 days shutdown for 132 kV Hatia and Kanke lines would be difficult.
- Member Secretary, ERPC opined that since it is a temporary arrangement and the 132kV lines of JUSNL were already in service, it would be prudent to continue with the existing arrangement. The concern raised by DVC related to shutdown of JUSNL lines for carrying out maintenance of DVC lines could be discussed in the shutdown meetings of ERPC as the shutdown is required for few days once or twice in a year.
- DVC stressed that the lines of DVC should be restored as per the Commercial clearance given by them and insisted to divert JUSNL lines to one side as per the agreement so that DVC lines could be restored.

After detailed deliberations no consensus could be arrived and the issue was referred to forthcoming TCC Meeting for their guidance.

Meeting ended with vote of thanks to the chair.

Annexure A

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