



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

सं.: केविप्रा/पीएस/पीएसपीएम/7/7/2017/

दिनांक: 08.05.2017

सेवामें

संलग्न सूची के अनुसार

विषय: (1) अन्तर्राज्यीय पारेषण प्रणाली के अंतर्गत गुडगांव पलवल क्षेत्र में 400 केवी जीआईएस का निर्माण एवं (2) टोरेट पावर के डीजेन ताप विद्युत स्टेशन (1200 मे.वा.) से सम्बंधित पारेषण लाइनों की प्रगति के बारे में सदस्य (विद्युत प्रणाली) द्वारा 26.04.2017 को ली गई बैठक का कार्यवृत्त।

महोदय,

(1) गुडगांव पलवल ट्रांसमिशन लिमिटेड (स्टरलाईट ग्रिड 4 लिमिटेड की स्वामित्व प्राप्त कंपनी) द्वारा अन्तर्राज्यीय पारेषण प्रणाली के अंतर्गत गुडगांव पलवल क्षेत्र में 400 केवी जीआईएस का निर्माण एवं (2) डीजेन ट्रांसमिशन लिमिटेड द्वारा टोरेट पावर के डीजेन ताप विद्युत स्टेशन (1200 मे.वा.) से सम्बंधित पारेषण लाइनों के निर्माण की प्रगति के बारे में सदस्य (विद्युत प्रणाली) द्वारा 26.04.2017 को ली गई बैठक का कार्यवृत्त अनुलग्नक -1 में संलग्न है।

यह सदस्य (विद्युत प्रणाली), केविप्रा द्वारा अनुमोदित है।

संलग्नक : यथोपरी।

भवदीय

(बी.के. आर्या)
मुख्य अभियंता

प्रति सूचनार्थः

1. संयुक्त सचिव (पारेषण), विद्युत मंत्रालय, श्रम शक्ति भवन, रफ़ी मार्ग, नई दिल्ली
2. सदस्य (विद्युत प्रणाली), केविप्रा के प्रधान निजी सचिव

Minutes of the meeting taken by Member (PS), CEA on 26.04.2017 to discuss issues pertaining to Transmission Schemes (1) Creation of new 400 kV GIS in Gurgaon and Palwal area a part of ISTS and (2) Transmission System associated with DGEN TPS (1200 MW) of Torrent Power Ltd..

List of participants is attached at annexure-I.

Member (PS), CEA welcomed all the participants. He stated that the meeting has been convened to resolve the issues pertaining to (1) Creation of new 400 kV GIS in Gurgaon and Palwal area a part of ISTS and (2) Transmission System associated with DGEN TPS (1200 MW) of Torrent Power Ltd. arising in timely completion. Following issues were discussed.

1. Transmission project: Creation of new 400 kV GIS substations in Gurgaon area and Palwal as a part of ISTS is being constructed by Gurgaon Palwal Transmission Ltd.

a) Issue of finalization of new metering scheme proposed by M/s GPTL for Neemrana (PG) – Dhanonda(HVPNL) 400 kV D/C HTLS line

Representative of GPTL stated that 400kV Neemrana (PG) – Dhanonda (HVPNL) is to be connected at 400kV Main Bus-I at Dhanonda. It will be connected to Main Bus-II via tie bay, which is also being used by lines owned by Adani Transmission India Ltd. The Tie Bay is having one CT with 5 cores.

Representative of HVPNL stated that as per TSA, all the necessary arrangements for termination of line and metering were to be made by GPTL.

Representative of NRLDC stated that for metering the energy in Neemrana-Dhanonda line at Danonda, either a CT of 6 core or two CTs of 5 core each to be provided in the Tie Bay.

Representative of GPTL stated that replacement of existing CT of 5-core with a new CT of 6-core would be a better solution as it would need less infrastructure changes and minimal shutdown of existing lines.

Chief Engineer (PSETD), CEA stated that in a Tie bay, 2 nos. of 5-cores CTs are preferable to reduce blind zone of protection. In case of one CT of 6-core, there would be some additional dark zone of protection.

After deliberations, it was decided that GPTL shall install additional sets of 5-core CTs in Tie-bays for each circuit of transmission line. GPTL agreed for the same and requested HVPNL to provide minimum 15 days shut down of each bays on continuous basis to complete erection of CTs at no revenue loss to GPTL. HVPNL was also requested to finalize the SLD for extension of bay as soon as possible.

b) Issue related to Fault level of 400KV Dhanonda substation after Injection of power from Neemrana(PG) -Dhanonda (HVPNL) 400Kv D/c HTLS line

Chief Engineer (PSPA-I), CEA stated that HVPNL vide its letter dated 27-01-2017 has requested CEA for fault level injection due to Neemrana (PG) - Dhanonda (HVPNL) 400 kV D/C line. He stated that short circuit studies carried out corresponding to 2018-19 time frame indicate a fault level of 47.5 kA without Neemrana (PG) -Dhanonda (HVPNL) 400 kV D/C line at Dhanonda 400 kV bus. The fault level increases to 54.7 kA after commissioning of Neemrana (PG) - Dhanonda (HVPNL) 400 kV D/C line.

HVPNL representative stated that the rating of equipment installed at Dhanonda 400 kV sub-station is 40 kA.

Representative of GPTL stated that they were providing the equipment as per TSA.

Chief Engineer (PSPA-I) said that the issue of high short circuit level in Northern Region has already been highlighted in meetings of standing committee on power system planning of Northern Region. COO, CTU stated that the studies are being carried out along with CEA to address the issue of high short circuit.

Accordingly, it was decided that M/s GPTL would provide bay equipment having rating as per TSA.

c) Issue related to finalization of location of 400/220KV Kadarapur Substation

400/220 kV Kadarapur GIS, 400/220 kV Prithala GIS and 400/220 kV Sohna Road GIS are in the scope of the transmission project. HVPNL will be implementing the downstream system of these projects.

Representative of HVPNL stated that location chosen by GPTL for Kadarapur GIS was far away from Kadarapur village and site proposed for Kadarapur sub-station is not among the three locations provided in RfP by BPC. The proposed site for Kadarapur sub-station would have a significant cost implication and RoW issues in the implementation of downstream 220kV lines. He added that HVPNL has already agreed to the locations chosen by M/s GPTL for 400/220 kV Prithala GIS and 400/220 kV Sohna Road GIS.

Representative of GPTL stated that the location has been finalized near to one of the three sites (alternative-3) provided by BPC in RfP document and considering the accessibility, approach & future maintenance of S/S and lines. Further, shifting of location towards Gurgaon (alternative-1) would make land acquisition difficult and costly. This would also increase the lengths of 400 kV line and there would be RoW issues in implementation.

CE (PSPM), CEA stated that as per norms the substation should be located at degraded, non-agricultural and non-commercial land.

After deliberations, it was decided to form a committee comprising following members to finalize the location for Kadarpur GIS.

1. Y K Swarnkar, Director(PSETD), CEA
2. B S Bairwa, Director(PSPM), CEA
3. TAN Reddy, Vice President, Sterlite Grid Ltd.
4. Bigyan Parija, SGL
5. Anil Yadav, SE/TS, HVPNL
6. Vipin Gupta, SE/NCR Planning Gurgaon, HVPNL

This committee will conduct survey for possible locations of Kadarpur GIS by 05.05.2017 and will submit its report to CEA.

2. Transmission project Transmission System associated with DGEN TPS (1200 MW) of Torrent Power Ltd. is being constructed by DGEN Transmission Company Ltd (DGENTCL).

Chief Engineer (PSPM), CEA stated that DGEN-Vadodara 400 kV D/C line and Navsari-Bhestan 220 kV D/C line has been awarded to DGEN Transmission Company Ltd (DGENTCL) through tariff based competitive bidding route for evacuation of power from DGEN TPS (3x400 MW) with commissioning schedule of May 2018. The zero date of the project is 17.03.2015 and M/s DGENTCL has not yet taken up the implementation of the scheme as per the execution plan submitted by them.

Representative from DGENTCL informed that construction work has not started yet and also not likely to start in future due to financial constraints in the parent company. He requested to close the transmission project.

Representative from Torrent Energy Ltd. informed that all three units of 1200 MW DGEN gas based power project at Dahej near Bharuch in South Gujarat have been commissioned. The connectivity through dedicated 400 kV Double Circuit line from DGEN to Navsari sub-station of PGCIL has been completed. They are not able to run the power plant at full load due to unavailability of gas. In case of gas availability and absence of DGEN-Vadodara 400 kV D/C line, there may be constraint in evacuation of power from DGEN plant.

COO, CTU informed that 2 no. of 400 kV bays at Vadodara associated with 400 kV DGEN-Vadodara line and 2 no. of 220 kV bays at Navsari for 220 kV Navsari- Bhestan line has already been awarded and are under implementation.

CE (PSPA-I), CEA stated that NLDC in their operational feedback to CEA and CTU has already highlighted the urgent requirement of Navsari- Bhestan 220 kV D/C line in view of the high loading on Navsari(PG) – Navsari (GETCO) 220 kV D/C line. In the 40th meeting of standing committee of WR, preponement/ early commissioning of this line had been recommended.

CE (PSP&A-I) further informed that in view of non-implementation of the project by M/s DGENTCL (as confirmed by representative of M/s DGENTCL) is a TSP's Event of Default as per the terms of the TSA. Therefore, lead LTTC (M/s

Torrent Energy Ltd. in this case) needs to serve notice to the TSP and take up the termination of transmission license with CERC as per TSA.

After deliberations, it was decided that Torrent Energy Ltd to initiate action as per relevant clause of TSA as M/s DGENTCL has confirmed that they are not taking up the implementing the project. CEA shall inform the status of project to CERC in due course.

List of participants

Central Electricity Authority(CEA)

1. K K Arya	Member (PS)	-	In Chair
2. B K Arya	Chief Engineer(PSPM)		
3. S.K.Ray Mohapatra	Chief Engineer (PSETD)		
4. Ravinder Gupta	Chief Engineer (PSP&A-I)		
5. Awedhesh Kumar	Director (PSP&A-I)		
6. Y.K. Swarnkar	Director (PSETD)		
7. B S Bairwa	Director(PSPM)		
8. Rajesh	Assitant Director-I (PSPM)		

Haryana Vidyut Prasaran Nigam Ltd(HVPL)

1. Rakesh Jolly	CE/Planning
2. H.C.Gupta	CE/TS
3. Narender Kakkar	S.E/Civil
4. R.K. Lamba	S.E/Design
5. Anil Yadav	SE/TS GGM
6. Vipin Gupta	SE/NCR PLG
7. Jai Ram	XEN/EC
8. Piyush Saini	XEN/PD
9. Rohtas	XEN/SS
10. Anil Kumar	AEE/Smart Civil

POWERGRID

1. Subir Sen	COO(CTU- Plg. & SG)
2. Mukesh Khanna	AGM(CTU-PLG.)

POSOCO

1. P.K Agarwal	GM
2. H.K. Chawla	DGM

Gurgaon Palwal Transmission Ltd

1. T.A.N Reddy	Vice President
2. Parantap Raha	AGM S/S
3. Ribhu Gaur	Chief Mgr.

Torrent Energy Ltd

1. Shri R. S. Negi	GM
--------------------	----

DGEN Transmission Company Ltd

1. Shri Sachin Gupta	GM
----------------------	----