



PUNJAB STATE TRANSMISSION CORPORATION LIMITED

Regd. Office:- PSEB Head Office, The Mall, Patiala – 147001, Punjab, India

O/o SE/Planning, PSTCL, Patiala

Fax/Ph:- 0175-2205502, Email:- se-planning@pstcl.org

CIN-U40109PB2010SGCO33814

To,

Amendment No:04/2023-24

- 1) Dy. CE/TS (Design), PSTCL, Patiala.
- 2) Dy. CE/Civil Works, PSTCL, Patiala.
- 3) Dy. CE/TLSC, PSTCL, Patiala.
- 4) Dy. CE/Grid Construction, PSTCL, Ludhiana.

Memo No. 256/59 P-1/253-C Dated: 01.06.2023

Subject: - Regarding Augmentation of 1 No. 100 MVA, 220/66kV Transformer with 160MVA 220/66kV Transformer at 220kV Sub-Station DhandariKalan-1.

The scope of work is revised as follows: -

Sr. No.	Name of substations	Original Scope of work	Revised scope of Work	Remarks.
1.	220kV Dhandari Kalan-1 & 2	2x160 MVA, 220/66 kV T/F at new location to be added (with complete new ICT bays) at Dhandari Kalan-2	Augmentation of 1x100 MVA, 220/66kV Transformer with 160MVA at each Dhandari Kalan-1 & Dhandari Kalan-2.	1. This work is being planned as per FCC decision issued vide letter no.703/SWS/Rid No. 10000007491 dated 13.04.2023 (Copy enclosed).
2.		Dismantlement of 2x100 MVA T/F for creating space for double bus bar.	Dismantlement of 2x100 MVA T/F for creating space for double bus bar.	2. The expenditure shall be charged to the head <u>"Spill over works approved by the Board in FY 2019-20 outside the first MYT approval"</u> Sr. no. 20 to 22 of Annexure-1 of 3 rd MYT 2023-2026 (Earlier mentioned at Sr no. 10 to 12 of table-13 of 2 nd MYT).
3.		Interconnecting 66kV double bus bar of Dhandari Kalan-1 – Dhandari kalan-2	Interconnecting 66kV double bus bar of Dhandari Kalan-1 – Dhandari Kalan-2	3. This work shall be included in the transmission work for the FY 2023-26. 4. This work is subject to ratification by BODs.

This issues with the approval of Technical Committee of PSTCL.


Dy. Chief Engineer/Planning,
PSTCL, Patiala


01/06/23

cc: - 260/64

Dated: 01.06.2023

- 1) Director/Technical, PSTCL, Patiala.
- 2) Chief Engineer/TS, PSTCL, Patiala.
- 3) Chief Engineer/P&M, PSTCL, Ludhiana.
- 4) Chief Engineer/Planning, PSPCL, Patiala.
- 5) Dy. Chief Engineer/P&M, PSTCL, Ludhiana.



PUNJAB STATE POWER CORPORATION LTD.
OFFICE OF CE/COMMERCIAL, PATIALA.

To

M/s Sharu Steel Pvt. Ltd., Phase - 7,
Focal Point, Ludhiana.

Memo No.: 703 /SWS/Rid No. 100000007491

Dated: 13/04/23

Sub: Revised - M/s Sharu Steel Pvt. Ltd., Phase - 7, Focal Point, Ludhiana having A/c no. 3002809650 applied extension of 1093 kW/1669.778 kVA CD, having its existing load of 4098 kW/4098 kVA, to make total load of 5191 kW/5767.778 kVA. Category type - Power Intensive + General Industry (Rid no. 100000007491).

Ref: CE/DS Central Zone, PSPCL Ludhiana office memo no. 2259 dated 10.03.2023.

The subject cited case was discussed in the FCC Meeting held on 28.03.2023 and decided to revise the earlier accorded feasibility vide Commercial office memo No. 706 dated 11.05.2021 as below:-

- i. FCC decided to allow extension of 1093 kW/1669.778 kVA CD, having its existing load of 4098 kW/4098 kVA, to make total load of 5191 kW/5767.778 kVA from existing 66 kV Sharu Steel line emanating from 66 kV S/Stn. Phase-VII Focal Point Ludhiana having ACSR 0.2 sq. inch subject to augmentation of existing 66 kV line from 220 kV S/Stn. Dhandari Kalan-1 to 66 kV S/Stn. Phase -7 from 0.4 sq" ACSR with HTLS conductor.
- ii. Load shall be released subject to commissioning of 220 kV S/Stn. GIS Sherpur or after the augmentation of 100 MVA, 220/66 kV T/F with 160 MVA T/F at 220 kV Dhandari Kalan - I whichever is earlier.

The expenditure will be recoverable from the consumer as per Supply Code 2014 Regulation no. 9.1.3 (amended up to date).

You are requested to register A&A Form along with requisite charges within **30 days** extendable upto **60 days** as per Supply Code Regulation 6.3.3 (amended up to date) from the date of issue of this letter **failing which this permission shall automatically stand elapsed. No further extension** in time limit shall be allowed for registration of your application on account of **whatsoever reason it may be**. This permission shall not be any commitment on the part of PSPCL to release this load/CD. This load/CD shall be released as per policy/Regulation strictly as per prescribed rules of seniority. The above load/CD shall be subject to usual power cuts/energy restrictions as may be enforced from time to time. In case, you fail to register A&A Form within the stipulated period **the total amount of earnest money** deposited by you shall be **forfeited**. It is further intimated that the seniority shall be re-fixed for issue of Demand Notice according to the date of registration of A&A Form.

-sd/-
ASE/Sales-4

For: CE/Commercial
PSPCL, Patiala.

Endst. No. 704 /SWS/Rid No. 100000007491

Dated: 13/04/23

Copy of the above is forwarded Dy CE/DS City East Circle PSPCL Ludhiana for information and further necessary action. It is requested to get the application (A&A) registered for release of load/CD within stipulated period after ensuring the compliance of conditions as imposed above and other commercial instructions as per Supply Code & its upto date amendments in vogue on the subject. It may be ensured that Supply Code 2014 Regulation No. 6.4.3 (c) and ESIM 2018 Instruction 3.3.1 (c) is complied by the consumer. The date of registration of application be intimated to this office. The application may not be registered until it is complete in all respects failing which responsibility shall lie with the concerned officers/officials registering the A&A forms. Further, it may be ensured that the applicant surrenders original feasibility clearance duly signed and other documents as per terms of the feasibility clearance. at the time of registration of A&A forms as is being done while complying with the demand notice. The applicant should be suitably informed by his office

about the above feasibility clearance. If the due date of filing of A&A forms is Saturday, Sunday or Public Holiday, the succeeding working day shall be treated as due date.

Minutes of FCC meeting held on 28.03.2023 are as under:-

The feasibility of subject cited consumer was earlier accorded vide Commercial office memo No. 706/11 dated 11.05.2021 with decision as below -

FCC decided to allow extension of 1093 kW/1669.778 kVA CD, having its existing load of 4098 kW/4098 kVA, to make total load of 5191 kW/5767.778 kVA from existing 66 kV Sharu Steel Feeder emanating from 66 kV S/Stn. Phase-VII Focal point having ACSR 0.2 sq. inch without any augmentation.

To revise the feasibility of senior case of M/s Sharu Steel CE/DS Central Zone PSPCL Ludhiana has sent the technical proposal/data to revise the feasibility of subject cited consumer as below -

Load of the consumer is being fed from existing 66 kV Sharu Steel line emanating from 66 kV S/Stn. Phase-VII Focal Point Ludhiana having ACSR 0.2 sq. inch. Total 10288 KVA (6190 kVA load of M/s Sharu Industries + 4098 kVA load of this consumer) is running on this feeder. Senior pending load of 4795 kVA of M/s Sharu Special Alloys has also been proposed to be released from this line. Extended load of the consumer is also proposed to be released from this line.

After considering Maximum Demand on Sharu Steel line 106 Amps on 06.09.2022, senior pending load 41.956 Amps & applied load of consumer 14.603 Amps, expected loading comes out to be 162.559 Amps against current carrying capacity of 380.3 Amps and shall be loaded by 42.74 %.

Expected load on 66 kV line from 220 kV S/Stn. Dhandari Kalan-1 to 66 kV S/Stn. DK-II Phase -7 having conductor size 0.4 Sq. inch DC shall be 130.851 MVA against current carrying capacity of 129 MVA and is overloaded by 101.434 %. Hence, cannot take up the load of consumer. As the line is O/L by 101.434%, it was proposed to de-load this line by erecting 66 kV 3rd ckt from 220 kV S/Stn. DDK-II to 66 kV S/Stn. Phase-7 and the work was planned in TWL at Sr. No. 2/CZ/2022-23 (Annex-A). However, Dy.CE/TL Circle PSPCL Jalandhar vide office memo No. 4277 dated 07.09.2022 has intimated that it is not possible to erect 66 kV 3rd Ckt. from 220 kV S/Stn. DDK-II to 66 kV S/Stn. Phase-7 due to refusal by PSIEC to give NOC to erect above 66 kV 3rd Ckt.

Further, Dy.CE/TL Circle PSPCL Jalandhar vide office memo No. 3442 dated 15.07.2022 has sent recommendation to approve augmentation of existing ACSR with HTLS conductor of 66 kV line from 220 kV S/Stn. DDK-I to 66 kV S/Stn. Phase-7. Field office has further intimated that to deload 66 kV line work of augmentation of existing ACSR 0.4 sq" with HTLS conductor has been included in the Pilot Project.

Expected load on Mother Station 220 kV S/Stn. Dhandari Kalan-1 shall be 207.814 MVA against installed capacity of 200 MVA and is overloaded by 103.907 %. Hence, cannot take up the load of consumer. **As the loading of S/Stn. is 103.907% field office has intimated that 220 kV G.I.S. S/Stn. Sherpur has been approved in 2017-18 Planning list of PSTCL. After erection of this S/Stn., 220 kV S/Stn. DDK-I and 220 kV S/Stn. DDK-II will get relief. Further, field office has intimated that augmentation of 100 MVA, 220/66 kV T/F with 160 MVA at DDK-I is already in PSTCL Planning list.**

Dy. CE/DS City East Circle PSPCL Ludhiana has certified that no defaulting amount and no court case is pending against the applicant till date and as per Supply Code Clause 16.1 there is no AACD (consumption based) pending against the applicant.

The case was deliberated in FCC and Dy.CE/Planning, PSTCL Patiala (on behalf of CE/TS PSTCL Patiala) apprised FCC that augmentation of 100 MVA, 220/66 kV T/F with 160 MVA at DDK-I is currently not included in the PSTCL Planning List and the same will be included. Also, Dy.CE/Planning, PSTCL Patiala informed that commissioning of 220 kV GIS S/Stn. Sherpur will take a period of 1 year. Accordingly, FCC directed Dy.CE/Planning, PSTCL Patiala to incorporate augmentation of 100 MVA, 220/66 kV T/F with 160 MVA at DDK-I in PSTCL Planning list on priority.

FCC also directed CE/TS PSPCL Patiala that in order to deload 66 kV line from 220 kV S/Stn. Dhandari Kalan-1 to 66 kV S/Stn. Phase -7, expedite the augmentation of existing ACSR 0.4 sq" with HTLS conductor.

In view of above, FCC decided to revise the earlier accorded feasibility vide Commercial office memo No. 706/11 dated 11.05.2021 as below:-

- i. FCC decided to allow extension of 1093 kW/1669.778 kVA CD, having its existing load of 4098 kW/4098 kVA, to make total load of 5191 kW/5767.778 kVA from existing 66 kV Sharu Steel line emanating from 66 kV S/Stn. Phase-VII Focal Point Ludhiana having ACSR 0.2 sq. inch subject to augmentation of existing 66 kV line from 220 kV S/Stn. Dhandari Kalan-1 to 66 kV S/Stn. Phase -7 from 0.4 sq" ACSR with HTLS conductor.
- ii. Load shall be released subject to commissioning of 220 kV S/Stn. GIS Sherpur or after the augmentation of 100 MVA, 220/66 kV T/F with 160 MVA T/F at 220 kV Dhandari Kalan - I whichever is earlier.
- iii. Dy.CE/ Planning, PSTCL, Patiala has sought requisite shut down for 30 days for augmentation of 100 MVA, 220/66 kV T/F with 160 MVA T/F at 220 kV Dhandari Kalan - I. The same be made available by CE/DS Central Zone, PSPCL, Ludhiana.
- iv. FCC directed Dy.CE/Planning, PSTCL Patiala (on behalf of CE/TS PSTCL Patiala) to incorporate augmentation of 100 MVA, 220/66 kV T/F with 160 MVA at DDK-I in PSTCL Planning list on priority and expedite the work of commissioning of 220KV GIS S/Stn. Sherpur.
- v. FCC directed CE/TS PSPCL Patiala that in order to deload 66 kV line from 220 kV S/Stn. Dhandari Kalan-1 to 66 kV S/Stn. Phase-7, expedite the augmentation of existing ACSR 0.4 sq" with HTLS conductor.
- vi. Dy. CE/DS Circle, PSPCL City East, Ludhiana directed to inform the applicant regarding expected delay in releasing the connection due to transmission works involved.

The expenditure will be recoverable from the consumer as per Supply Code 2014 Regulation no. 913 (amended up to date).

705/08
13/04/23


ASE/Sales-4
For: CE/Commercial
PSPCL, Patiala.

- CC -
1. CE/DS Central Zone, PSPCL, Ludhiana
 2. CE/Planning, PSPCL, Patiala.
 3. CE/TS, PSTCL, Patiala.
 4. CE/TS PSPCL, Patiala.