



PUNJAB STATE TRANSMISSION CORPORATION LIMITED  
Regd. Office:- PSEB Head Office, The Mall, Patiala - 147001, Punjab, India  
O/o SE/Planning & Communication, PSTCL, Patiala  
Fax/Ph:- 0175-2205502, Email:- [se-planning@pstcl.org](mailto:se-planning@pstcl.org)  
CIN-U40109PB2010SGCO33814

**Amendment No: 03 /2023-24**

To

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

Memo No. 313/316 /P-II/70A/27

Dated: 30.05.2023

**Subject: Regarding augmentation of existing 01 No. 66KV bay (M/s. Bassi Alloys) for current rating of 800A for release of temporary connection to M/s. Vardhman Adarsh Ispat Pvt. Ltd at 220KV s/s Mandi-Gobindgarh G-1 (FCC Case).**

The scope of work is planned as follow:

Sr. No.	Name of Substation	Scope of Work	Est. Cost (In Rs.)	Remarks
1.	220 kV S/Stn. G-1	Augmentation of existing 01 No. 66KV bay (M/s. Bassi Alloys) for current rating of 800A for release of <b>temporary connection</b> to M/s. Vardhman Adarsh Ispat Pvt. Ltd.	6,00,742/-	<ol style="list-style-type: none"><li>1. This work has been planned on the basis of revised FCC decision vide memo No. 861/866 dated 15.05.2023 (<b>copy enclosed</b>).</li><li>2. Estimated cost has been provided by ASE/Grid Construction division, PSTCL, Patiala vide his office email dated 22.05.2023.</li><li>3. This work shall be executed as Contributory work &amp; <b>the cost shall be borne by the consumer as per FCC decision dated 15.05.2023.</b></li><li>4. This work shall be included in the transmission works for the FY 2023-26.</li><li>5. The work is subject to the ratification by BODs.</li></ol>

This issues with the approval of Technical Committee of PSTCL comprising Director/Technical and Er. Anil Kaplush, Independent Director of PSTCL.

DA: As above

*Mall*  
*30/5/23*  
Sr. Xen/Planning-2  
O/o Dy. CE/Planning  
PSTCL, Patiala.

cc: - 317/323 /P-II/70A/27

Dated: 30.05.2023

- 1) Director/Technical, PSTCL, Patiala.
- 2) Chief Engineer/TS, PSTCL, Patiala.
- 3) Chief Engineer/Planning, PSCPCL, Patiala.
- 4) Chief Engineer/P&M, PSTCL, Ludhiana.
- 5) Chief Engineer/P&M, PSCPCL, Ludhiana.
- 6) Dy. CE/Transmission Planning, PSCPCL, Patiala.
- 7) Dy. CE /P&M Circle, PSTCL, Ludhiana.



To

M/s Vardhman Adarsh Ispat Pvt. Ltd.,  
Sirhind Side, G. T. Road,  
Mandi Gobindgarh.

Memo No.: 861 /SWS/Rid No. 20289 Dated: 15.05.2023

**Sub:** Revised/Temporary - M/s Vardhman Adarsh Ispat Pvt. Ltd., Sirhind Side, G. T. Road, Mandi Gobindgarh having A/c no. K21-GB11-61478 applied extension of 16860 kW/17600 kVA CD, having its existing load of 3240 kW/2500 kVA, to make total load of 20100 kW/20100 kVA. Category type – Power Intensive (Rid no. 20289).


**Ref:** CE/DS Central Zone PSPCL Ludhiana vide office memo No. 4173 dated 05.05.2023 & Dy.CE/DS Circle PSPCL Khanna memo No. 7015 dated 02.05.2023 and Clarification letter No. 7558 dated 10.05.2023.

The subject cited case was discussed in the FCC Meeting held on 11.05.2023 with decision as below:-

- i) To allow extension of 16860 kW/17600 kVA CD, having its existing load of 3240 kW/2500 kVA, to make total load of 20100 kW/20100 kVA temporarily by relaxing the feasibility condition mentioned at Sr. no. (i) of the earlier feasibility letter memo no. 461/66 dated 16.04.2019 after augmentation of ACSR 0.2 sq" with ACSR 0.4 sq" of Gantry Span of existing 66 kV Bassi Alloy line and Bay of 0.2 sq" ACSR of 66 kV Bassi Alloy line with ACSR 0.4 sq" Bay and after replacing existing 2 No. DC towers already existing in 66 kV Bassi Alloys feeder SC line with 2 No. Multi Circuit Towers emanating from 220 kV S/St. G-1 MGG till the 66 kV Bay of M/s Vardhman Ispat line is not erected as per proposal sent by CE/DS Central Zone, PSPCL Ludhiana vide memo No. 4173 dated 05.05.2023 and clarification sent by Dy.CE/DS Circle PSPCL Khanna vide memo No. 7558 dated 10.05.2023.
- ii) Load shall be released after the augmentation of existing CTs of capacity 400-200/1-1 Amp with 800-400/1-1 Amp of 66 kV Bassi Alloys line.
- iii) As it is a measure to facilitate the early release of connection, the expenditure to augment the system from ACSR 0.2 sq" to 0.4 sq" as detailed above shall be recoverable from the consumer as already consented by him.

All other terms and conditions of earlier granted feasibility vide Commercial office memo No. 461/66 dated 16.04.2019 shall remain same.

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.

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

Copy of the above is forwarded Dy.CE/DS Circle PSPCL Khanna 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 11.05.2023 are as under:-**

The feasibility of subject cited consumer was earlier accorded vide Commercial Office memo No. 461/66 dated 16.04.2019 with decision as below:-

- I. FCC decided to release extension of 16860 kW/17600 KVA CD, having its existing load of 3240 kW/2500 kVA, to make total load of 20100 kW/20100 KVA after erecting new 2<sup>nd</sup> Ckt 66 kV line having ACSR 0.2 sq. inch from point A to B 370 meter on already existing 66 kV Bassi Alloys feeder SC line emanating from 220 kV S/St. G-1 MGG subject to commission of 4<sup>th</sup> 1x100 MVA, 220/66 kV T/F at 220 kV S/Stn. G-1.*
- II. FCC directed SE/DS Khanna to submit the proposal for shifting load of 66 kV S/Stn. Talwara to 220 kV Bassi Pathana to deload 220 kV S/Stn. G-1 and Planning org. to take the requisite action accordingly at the earliest.*
- III. FCC directed SE/DS Khanna to inform the consumer regarding expected time delay in the above said work and obtain consent of the consumer.*
- IV. FCC further directed SE/DS Khanna to explore the possibility of Bus splitting at 66 kV S/Stn. Talwara and shifting the load to 66 kV S/Stn. Grain Market, in order to give immediate relief to 66 kV line from 220kV G-1 MGG to 66 kV S/Stn. Talwara.*

CE/DS Central Zone PSPCL Ludhiana vide office memo No. 4173 dated 05.05.2023 has forwarded Dy.CE/DS Circle PSPCL Khanna proposal memo No. 7015 dated 02.05.2023 and Dy.CE/DS Circle PSPCL Khanna memo No. 7558 dated 10.05.2023 vide which it has been intimated that as per above accorded feasibility of subject cited consumer requisite action has been initiated by ASE/TL Division, PSPCL Ludhiana. Further, it has been intimated that the route plan of new proposed 66 kV line has been approved by Sr.Xen/TD-1, PSPCL Patiala vide memo No. 1967/68 dated 03.08.2022 as per which 2 No. existing Double Circuit Towers have been replaced with 2 No. Multi Circuit Towers. Due to which the technical feasibility needs to be revised.

Connected load on 66 kV Bassi Alloy line is 31700 kVA [11200 kVA of M/s Bassi Alloy + 8000 kVA of M/s Jagat Metal + 12500 kVA of M/s Bhawani Casting] and 20100 kVA load of M/s Vardhman Adarsh Ispat is proposed to be released from same Bay and Gantry Span.

After considering M.D. recorded on 66 kV Bassi Alloy Bay and Gantry Span is 270 Amps on 02.02.2023 and applied load 175.875 Amps, expected loading on the Bay and Gantry Span comes out to be 445.875 Amps against the current carrying capacity of 380.3 Amps and shall be overloaded by 117.242%. Hence, load cannot be released from this Bay.

Field office has intimated that TL Division Ludhiana has proposed augmentation of ACSR 0.2 sq" with ACSR 0.4 sq" of Gantry Span of 66 kV Bassi Alloy line and existing Bay of 0.2 sq" ACSR of 66 kV Bassi Alloy line with ACSR 0.4 sq" Bay for timely release of load to M/s Vardhman

Adarsh Ispat and the same will be used in future expansion which is in the interest of PSPCL. With this augmentation, expected loading on the Bay and Gantry Span shall be loaded by 79.02%. Hence, load can be released from this Bay through 66 kV Bassi Alloy Gantry Span. Due to constraint of space, augmented/proposed Bay of 66 kV Bassi Alloy line having ACSR 0.4 sq" has been proposed to be shifted. The sketch is duly vetted by ASE/TL Division, PSPCL Ludhiana.

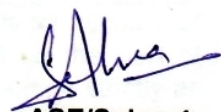
Further, field office has stated that after erection of new Bay with 0.2 sq" ACSR for 2<sup>nd</sup> Circuit, load of M/s Vardhman Adarsh Ispat line shall be shifted on this Bay as per existing feasibility accorded vide memo No. 461/66 dated 16.04.2019.

Dy.CE/DS Circle PSPCL Khanna vide clarification dated 10.05.2023 has stated that 66 kV CTs of existing 66 kV Bassi Alloys line are rated as 400-200/1-1 Amp which is capable of taking the load of 45720 kVA. As shown in sketch, load of M/s Bassi Alloys is 11200 kVA, load of M/s Jagat Metals is 8000 kVA and load of M/s Bhawani Castings is 12500 kVA amounting 31700 KVA. Proposed load of M/s Vardhman Adarsh will be 20100 kVA after extension. Therefore, the total load on bay will be 51800 kVA after releasing extensions to the consumers. Therefore, CTs of this bay have to be augmented with 800-400/1-1 Amp. It is pertinent to mention here that M/s Global Multimetals had also applied for 6500 KVA load, which was proposed to be released on this 66 kV Bassi Alloys line, but the applicant had not deposited 20% ACD and his A&A forms were not registered so this application stand cancelled in Window. Also, it has been stated that erection work of 2<sup>nd</sup> circuit of M/s Vardhman Adarsh is near completion.

**FCC deliberated and decided as under:-**

- i) To allow extension of 16860 kW/17600 kVA CD, having its existing load of 3240 kW/2500 kVA, to make total load of 20100 kW/20100 kVA temporarily by relaxing the feasibility condition mentioned at Sr. no. (i) of the earlier feasibility letter memo no. 461/66 dated 16.04.2019 after augmentation of ACSR 0.2 sq" with ACSR 0.4 sq" of Gantry Span of existing 66 kV Bassi Alloy line and Bay of 0.2 sq" ACSR of 66 kV Bassi Alloy line with ACSR 0.4 sq" Bay and after replacing existing 2 No. DC towers already existing in 66 kV Bassi Alloys feeder SC line with 2 No. Multi Circuit Towers emanating from 220 kV S/St. G-1 MGG till the 66 kV Bay of M/s Vardhman Ispat line is not erected as per proposal sent by CE/DS Central Zone, PSPCL Ludhiana vide memo No. 4173 dated 05.05.2023 and clarification sent by Dy.CE/DS Circle PSPCL Khanna vide memo No. 7558 dated 10.05.2023.
- ii) Load shall be released after the augmentation of existing CTs of capacity 400-200/1-1 Amp with 800-400/1-1 Amp of 66 kV Bassi Alloys line.
- iii) As it is a measure to facilitate the early release of connection, the expenditure to augment the system from ACSR 0.2 sq" to 0.4 sq" as detailed above shall be recoverable from the consumer as already consented by him.
- iv) FCC directed Dy.CE/DS Circle PSPCL Khanna to send the revised proposal, if any, in consultation with CE/TS PSPCL and CE/TS PSTCL in order to release the load of M/s Vardhman Adarsh Ispat on regular basis at the earliest.

All other terms and conditions of earlier granted feasibility vide Commercial office memo No. 461/66 dated 16.04.2019 shall remain same.



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

**863/66 dt. 15.05.2023**

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