

**BEFORE THE HIMACHAL PRADESH ELECTRICITY REGULATORY COMMISSION,
SHIMLA**

Filing No. 208 of 2024

IN THE MATTER OF

FILING OF MYT PETITION FOR APPROVAL OF CAPITAL COST AND DETERMINATION OF TARIFF FOR 4TH CONTROL PERIOD FROM COD TO FY 2023-24 FOR 220/66 kV, 100/126 MVA GIS SUBSTATION IN THE YARD OF 400/220 KV GIS SUBSTATION AT GUMMA UNDER THE HIMACHAL PRADESH ELECTRICITY REGULATORY COMMISSION (MULTI YEAR TARIFF) REGULATIONS AND ITS AMENDMENTS THEREOF AND UNDER SECTION 62 READ WITH SECTION 86 OF THE ELECTRICITY ACT 2003.

AND IN THE MATTER OF

HIMACHAL PRADESH POWER TRANSMISSION CORPORATION LIMITED, HIMFED BHAWAN, PANJARI, SHIMLA-171005.

.....PETITIONER

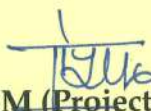
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DATED: 17/07/2025
SHIMLA

FILED BY


GM (Projects)

HPPTCL, Shimla-171005

**BEFORE THE HIMACHAL PRADESH ELECTRICITY REGULATORY
COMMISSION, SHIMLA**

Filing No. 208 of 2024

IN THE MATTER OF

FILING OF MYT PETITION FOR APPROVAL OF CAPITAL COST AND DETERMINATION OF TARIFF FOR 4TH CONTROL PERIOD FROM COD TO FY 2023-24 FOR 220/66 kV, 100/126 MVA GIS SUBSTATION IN THE YARD OF 400/220 KV GIS SUBSTATION AT GUMMA UNDER THE HIMACHAL PRADESH ELECTRICITY REGULATORY COMMISSION (MULTI YEAR TARIFF) REGULATIONS AND ITS AMENDMENTS THEREOF AND UNDER SECTION 62 READ WITH SECTION 86 OF THE ELECTRICITY ACT 2003.

AND IN THE MATTER OF

HIMACHAL PRADESH POWER TRANSMISSION CORPORATION LIMITED, HIMFED BHAWAN, PANJARI, BELOW OLD MLA QUARTER, SHIMLA -171005

PETITIONER

Reply on behalf on the Petitioner to the Queries raised by the Hon'ble Commission vide letter dated 12.06.2025.

Respectfully Showeth:

1. That the Petitioner has filed the above titled Petition for approval of Capital Cost and determination of tariff for the period from COD to FY 2023-24 for 220/66 kV, 100/126 MVA GIS Substation in the yard of 400/220 KV GIS Substation at Gumma.
2. That the Petitioner do hereby humbly submits the point wise reply to the data gaps raised by the Hon'ble Commission vide letter dated 12.06.2025 are as under:

ATTESTED
NOTARY PUBLIC
Shimla H.P. INDIA

General Manager (Projects)
HPPTCL, Shimla-5

1. In the HPSLDC Certificate letter dated 07.05.2024 submitted vide reply to query letter dated 05.10.2024, it is observed that the HPPTCL has sent the request for issuance of charging certificate on 27.04.2024 (i.e., 341 days after COD) which led to delay of almost a year in receiving the first-time charging certificate from HPSLDC. In this regard, please justify the delay in requesting for issuance of charging certificate.

Reply: With regard to the Query above, it is humbly submitted that the initial request for granting permission for the first-time charging of the 220/66 kV Gumma Substation was submitted to HPSLDC on 20.02.2023 (supporting document attached as **Annexure-1(A)**), along with all requisite documents. Based on the submission, HPSLDC conveyed its approval for first-time charging on 02.03.2023 (attached as **Annexure- 1(B)**).

Following this approval, multiple sequential activities were undertaken which inherently required considerable time. The coupling of bay 208 and 209 with the existing charged 220kV system was performed alternatively on both the buses, which took approximately 20 days to ensure safe integration without impacting the stability of the running system. Subsequently, the 220kV HT cables were charged at no load after removing winding links from transformer bushings, which took another 10 days and thus, the 220kV HT cables were charged on dated 03.04.2023 on no load. After the shutdown of these cables on 05.04.2023, the transformers being equipped with oil-immersed HV and LV bushings required draining of oil, termination of HT bushings with windings, and refilling, which cumulatively took around 15 days for termination and re-filling of oil in both the transformers. Further, oil filtration of both the transformers extended over 15 days, after which oil samples were collected and dispatched to the PGCIL laboratory, Jalandhar for testing on dated 06.05.2023. The result of oil samples was received on dated 12.5.2023. This was followed by proper checking of body protection of transformers and wiring for 3 days and the final pre-commissioning tests of transformers and 66kV GIS by the protection team conducted over 2 days on 19.05.2023. Once all technical and safety prerequisites were fulfilled, the charging codes were obtained from HPSLDC on 21.05.2023 and the substation was successfully charged on 22.05.2023 with immediate intimation to HPSLDC (supporting documents attached as **Annexure-1(C)**).

Thereafter, as per prevailing practice, the First-Time Charging and Commercial Operation Date (COD) certificate is to be issued based on the C-type formats prescribed by the Grid Controller of India (POSOCO). However, upon HPPTCL's request for issuance of the COD certificate, HPSLDC communicated that the earlier C-type formats had been revised by the Grid Controller of India and that the updated formats would be provided by HPSLDC. The revised formats were

officially shared by HPSLDC with HPPTCL only on 26.04.2024, after which HPPTCL submitted the request for issuance of the certificate in the updated format on 27.04.2024 without any further delay (supporting documents attached as **Annexure-1(D)**).

2. With reference to the reply to Query Nos. 5, 11 and 12 of query letter dated 05.10.2024, the HPPTCL has submitted the certificate for the expenses made till COD with bifurcation between the Hard cost, Departmental Charges and IDC. However, the certificate does not carry the Auditor's Name and Signature and appear to be an internal certificate. In this regard, please submit proper audited certificate and confirm that the claimed DC charges have not been claimed along with the Petition of any other asset.

Reply: The Auditor Certificate for the expenses made till COD with bifurcation between the Hard cost, Departmental Charges and IDC is enclosed as **Annexure-2**.

Further, w.r.t. claimed Departmental Charges, it is humbly submitted that these charges have not been claimed in the Petition of any other asset.

3. In reply to Query No. 7 of query letter dated 05.10.2024, the HPPTCL has informed that the 220/66 kV, 100/126 MVA (2x50/63 MVA) GIS Sub-station in the yard of 400/220 kV GIS Sub-station at Gumma has been charged on no load due to non-completion of LILO of existing 66kV Huli-Sainj Transmission Line being implemented by HPSEBL and therefore, currently no energy is being transmitted through 220/66 kV, 100/126 MVA (2x50/63 MVA) GIS Sub-station. In this regard, please provide the current status of downstream asset and a tentative time by which the transmission line will be effective after coordinating with HPSEBL. Also, please explain how the HPPTCL is planning to recover the ARR in the absence of downstream asset/connectivity.

Reply: With regard to the Query above, it is humbly submitted that LILO of existing 66kV Huli-Sainj Transmission Line has not been completed yet by HPSEBL. The matter regarding status update of 66kV LILO at Sainj-Huli line at 400/220/66kV Gumma/Pragatinagar substation of HPPTCL was discussed in the 51st meeting of STU Coordination Committee held on 16.08.2024 vide additional agenda item No. 1, wherein HPSBEL conveyed that work shall be completed by May 2025. The committed timeline of May, 2025 as assured by HPSBEL has elapsed. Therefore, HPPTCL has sought latest update on the same from HPSEBL vide letter dated 18.06.2025 for which HPSEBL has not replied yet. Copy of relevant documents are attached as **Annexure-3(A)**.

Further, with reference to recovery of ARR in the absence of downstream asset/connectivity, it is humbly submitted that 220/66 kV, 100/126 MVA GIS Substation in the yard of 400/220 kV GIS Gumma Substation has been constructed to

provide alternate source of power to Distt. Shimla for reduction of transmission losses and improvement of voltage stability & reliability in the Kotkhai/Sainj/Chopal areas as per requirement of HPSEBL. The requirement of the same, was received from HPSEBL vide letters dated 21.07.2018 and 17.10.2018 (letters attached as **Annexure-3(B)**).

HPPTCL has requested HPSEBL to expedite the LILO works of 66kV Sainj-Huli Transmission line in the meeting held dated 06.01.2022 in view of upcoming commissioning of 220/66kV, 100/126 MVA GIS substation at Gumma (Copy of MoM attached as **Annexure-3(C)**). Further, after charging of the asset on 22.05.2023, the Petitioner vide letter dated 02.09.2023 again requested HPSEBL to expedite the downstream works of LILO of 66kV Sainj-Huli Transmission line so that HPPTCL asset could effectively put to use and informed that liability of transmission charges since charging of the said asset i.e. 22.05.2023 shall be with HPSEBL. (**Annexure-3(D)**) This matter further, was also discussed in 51st meeting of STU Coordination Committee held on 16.08.2024 vide additional agenda item no. 1, wherein HPSEBL conveyed that work shall be completed by May 2025.

However, TSA in this regard has already been signed between HPPTCL & HPSEBL on 17.01.2023. (Copy of TSA attached as **Annexure-3(E)**). It is submitted that recovery of the asset up to the date on which the downstream network is charged by HPSEBL may be allowed to be made from HPSEBL. Thus, Hon'ble Commission is kindly requested to allow the recovery of the ARR from HPSEBL since the charging of the asset i.e. 22.05.2023 in line with Regulation 6 of Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2019.

4. In reply to Query No. 8 of query letter dated 05.10.2024, the HPPTCL has submitted the bills for the amount of Rs. 38.11 Cr towards material supplied by the Contractor and Rs. 5.89 Cr towards erection & Civil works, payments. In this regard, please provide the following:

- a. Detailed liability flow statement in the attached format (**Annexure-A**).
- b. A consolidated sheet consisting of bills and their amount (highlighting the total amounts in each bill for better interpretation) along with the summary in excel sheet.

Reply: a) It is submitted that the detailed liability flow statement in the prescribed format is attached as **Annexure-4(A)**.

b) Further, w.r.t. the consolidated sheet consisting of bills and their amount, it is humbly submitted that the same has been submitted as **Annexure-5(A)** for amount of Rs. 38.11 Cr towards material supplied and as **Annexure-5(B)** for amount Rs. 5.89 Cr towards erection & Civil works (highlighting the total amounts in each bill) in reply to deficiency note dated 05.10.2024. Summary in excel sheet (mentioning page nos. of each bill) is attached as **Annexure-4(B)** for your kind reference.

5. In reply to Query No. 20 of query letter dated 05.10.2024, the HPPTCL has informed that the additional capital expenditure amounting to Rs. 11.1 Lakhs pertains to works done prior to COD and out of the same, the firm has raised bills amounting to Rs. 10.39 Lakhs. In this regard, please provide the copy of those bills along with the details of works.

Reply: The details of additional capital expenditure work, amounting to Rs. 10.39 Lakhs, are as follows:

- Electrical erection bill amounting to Rs. 2,50,704/-. The copy of the bill is attached as **Annexure-5(A)**.
- Civil erection bill amounting to Rs. 7,89,114/-. The copy of the bill is attached as **Annexure-5(B)**. Out of this, an amount of Rs.2.39 lakh has been recovered from the contractor on account of negative deviation in quantities.

6. With respect to time over-run, please submit the Gantt chart clearly describing the activity wise delay.

Reply: The Gantt chart describing activity wise delay is attached as **Annexure-6**.

7. Please submit the computation of repayment considered under Interest on loan.

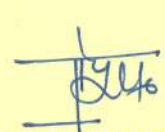
Reply: The computation of repayment considered under Interest on Loan in excel sheet is attached as **Annexure-7**.

8. Please submit a clearer picture of the Single Line Diagram (SLD) submitted under Annexure 11 of the Petition.

Reply: The SLD diagram is enclosed as **Annexure-8**.

ATTESTED

NOTARY PUBLIC
Shimla H.P. INDIA


General Manager (Projects)
HPPTCL, Shimla-5

IN THE MATTER OF:

FILING OF MYT PETITION FOR APPROVAL OF CAPITAL COST AND DETERMINATION OF TARIFF FOR FOR 220/66 kV, 100/126 MVA GIS SUBSTATION IN THE YARD OF 400/220 KV GIS SUBSTATION AT GUMMA UNDER THE HIMANCHAL PRADESH ELECTRICITY REGULATORY COMMISSION (MULTI YEAR TARIFF) REGULATIONS AND ITS AMENDMENTS THEREOF AND UNDER SECTION 62 READ WITH SECTION 86 OF THE ELECTRICITY ACT 2003.

AND IN THE MATTER OF:

HIMACHAL PRADESH POWER TRANSMISSION CORPORATION LIMITED, HIMFED BHAWAN, PANJARI, SHIMLA-171005.

.....PETITIONER

Affidavit verifying the Petition

I, Rohit Sharda S/o of Shri Dev Dutt Sharda aged about 52 years, presently working as General Manager (Projects), Himachal Pradesh Power Transmission Corporation Limited, Shimla, do hereby solemnly affirm and declare as under:

1. That I am duly authorized to file this Compliance Report and swear in the affidavit therein.
2. That the Reply to data gaps has been prepared and drafted at my instance and under my instructions. The contents of the Data Gaps are true and correct to the best of my personal knowledge based on official record and the advice received. No part of it is false and nothing material has been concealed there from.
3. That the Petitioner further declares that this affidavit of mine is true and correct to the best of my personal knowledge, no part of it is false and nothing material has been concealed there from.

Verified at Shimla on this 17th day of July, 2025.

ATTESTED

NOTARY PUBLIC
Shimla H.P. INDIA

fore me on 17th July 2025
day of 2025 by Sh./Smt. Rohit Sharda
who was identified by Sh./Smt. Dev Dutt Sharda
The contents of the affidavit
document were read over and explained
to the deponent/eye-witness and he/she
to which he/she admits the same as true
and correct at the time of making it.

Public Notary
Govt. of H.P.
Shimla H.P.
INDIA-1

Dependent
General Manager (Projects)
HPPTCL, Shimla-5



HIMACHAL PRADESH POWER TRANSMISSION CORPORATION LTD.

(A State Govt. Undertaking)
400/220 kV GIS, HPPTCL PIU Gumma, Tehsil Kotkhai Distt Shimla
(CIN): U40101HP2008SGC030950
(GSTIN):02AACCH1548M1ZP

HPPTCL/PIUG/SSE(220/66kV)Vol.II/2022-23-942-943

Date:20.02.2023

To

**The Chief Engineer
HP State Load Dispatch Centre,
Govt. of HP, Totu, Shimla-11.**

Sub: Regarding first time charging of 220/66kV GIS Substation at Gumma.

Sir,

“Jai Hind”

With respect to the subject cited above, it is intimated that HPPTCL had successfully charged 400/220kV GIS Substation, Gumma on dt. 05.02.2021. The construction of 220/66 kV GIS substation at Gumma has now been completed and is ready for charging.

The First Time Charging case along with relevant annexures is attached herewith for consideration & granting necessary approval for charging of 220/66 kV GIS Substation at Gumma.

Thanking you.

Encl: As Above

Yours faithfully,


Senior Manager
HPPTCL PIU Gumma
Teh. Kotkhai, Distt. Shimla (H.P.)

Copy to:

1. The DGM Projects, HIMFED Bhawan, Panjari, Shimla-05 for information please.


Senior Manager
HPPTCL PIU Gumma
Teh. Kotkhai, Distt. Shimla (H.P.)


General Manager (Projects)
HPPTCL, Shimla-5



HIMACHAL PRADESH STATE LOAD DESPATCH CENTRE
(an Apex body)
GOVERNMENT OF HIMACHAL PRADESH



No. HPSLDC/ SLDC-07 (Vol.10)/ 2022-23-11219-19

Dated: 02/03/2023

To

The Senior Manager,
HPPTCL, PIU Gumma,
Distt. Shimla, HP.
E-mail: smgumma.tel@hpmail.in

Subject: Approval for first time charging of 220/66 kV GIS Substation at Gumma, Distt. Shimla, HP.

Reference: Case for seeking approval for first time charging of 220/66 kV GIS Substation at Gumma, Distt. Shimla, HP sent by your office vide letter No. HPPCTL/ PIUG/ SSE (220/ 66kV) Vol.II/ 2022-23-942-943, dated: 20.02.2023 through E-mail dated: 20.02.2023.

With reference to above, please refer to the communications under reference on the subject cited above. In this regard it is intimated that documents supplied by your office for first time charging of 220/66 kV GIS Substation at Gumma, Distt. Shimla, HP are generally found to be in order.

Therefore, the tentative approval for first time charging of under mentioned switchgear equipment/bays at 220/66 kV GIS Substation at Gumma, Distt. Shimla is hereby accorded.

Sr. No.	Description of switchgear equipment/bays	Bay No.
1	Associated bay with HV side of 220/66 kV, 50/66 MVA, Transformer-1	208
2	Associated bay with HV side of 220/66 kV, 50/66 MVA, Transformer-2	209
3	220/ 66 kV, 50/66 MVA Transformer-1	-
4	220/ 66 kV, 50/66 MVA Transformer-2	-
5	Associated bay with LV side of 220/66 kV, 50/66 MVA, Transformer-1	601
6	Associated bay with LV side of 220/66 kV, 50/66 MVA, Transformer-2	602
7	Associated bay with 66 kV GIS Bus coupler	603
8	Associated bay with 66 kV line-1 (Huli-1)	604
9	Associated bay with 66 kV line-2 (Huli-2)	605

This tentative approval is only for first time charging of switchgear equipment/ bays at 220/66 kV GIS Substation at Gumma, Distt. Shimla, HP. Also, as per Indian Electricity Grid Code (IEGC) the necessary clearance from the HPSLDC and ALDC control rooms may also be obtained accordingly. You are advised to please adhere to all the Electrical safety measures at the time of initial charging of the Electrical installation to avoid any untoward incident.

Superintending Engineer,
 HP State Load Despatch Centre,
 Govt. of HP, Totu, Shimla-11.

SLDC Complex, Totu, Shimla-171011
 Phone: 0177-2838666, Telefax: 0177-2837649 GST No. 02AAAAH7757E1ZX
 Email: sehpslde@gmail.com, ceahpslde@gmail.com, mdhpslde@gmail.com, Web: www.hpslde.com

General Manager (Projects)
 HPPTCL, Shimla-5

Copy to the following for information please.

1. The GM (Projects), HPPTCL, Old Panjari, Himfed Bhawan, Tuti Kandi, Shimla.
(E-mail: gmprojects.tcl@hpmail.in)
2. The Superintending Engineer (PR & ALDC), HPSEBL, SLDC Complex, Totu, Shimla-11.
(E-mail: peshimla2003@gmail.com)


Superintending Engineer,
HP State Load Despatch Centre,
Govt. of HP, Totu, Shimla-11.





General Manager (Projects)
HPPTCL, Shimla-5

6/17/25, 4:29 PM

Re: FTC of 220/66 kV, 50/66 MVA Transformer 1 & 2

Re: FTC of 220/66 kV, 50/66 MVA Transformer 1 & 2**400kvgisgumma@gmail.com** <400kvgisgumma@gmail.com>

Sun, 21 May 2023 2:01:27 PM +0530

To "pchpsldcshimla"<pchpsldcshimla@gmail.com>

Cc "KARAN GARG"<karansingh.tcl.hpml@nic.in>,"sehpsldc"<sehpsldc@gmail.com>,"BARUN CHAUDHARY"<smgumma.tcl@hpmail.in>,"RAJAT SHARMA"<smprot1.tcl@hpmail.in>,"amit.kumar5"<amit.kumar5@ge.com>

Sir,

Closing time of following elements:

1. 220/66kV, 50/66 MVA Transformer 2 (Bay-209) HV Side : 12:40 Hrs.
2. 220/66kV, 50/66 MVA Transformer 2 (Bay-602) LV Side : 12:43 Hrs.
3. 220/66kV, 50/66 MVA Transformer 1 (Bay-208) HV Side : 13:49 Hrs.
4. 220/66kV, 50/66 MVA Transformer 1 (Bay-601) LV Side : 13:53 Hrs.

Note: Transformers are to be kept on load for 24 hours and after that mandatory shutdown would be taken on these transformers for air-release.

On Sun, May 21, 2023 at 11:10 AM Power Controller HP-SLDC
<pchpsldcshimla@gmail.com> wrote:

Sir

In reference to the trailing mail, the above mentioned activities were involved prior to charging of transformers can be done before taking the FTC clearance.
So it is advised to you that all prior activity can be done before taking the FTC clearance in future.

First time charging code for the following elements is **FTC-17 -**

Name of the elements:

- 1.220/66kV, 50/66 MVA Transformer 1 (Bay-208) HV Side
- 2.220/66kV, 50/66 MVA Transformer 2 (Bay-209) HV Side
- 3.220/66kV, 50/66 MVA Transformer-1
- 4.220/66kV, 50/66 MVA Transformer-2
- 5.220/66kV, 50/66 MVA Transformer 1 (Bay-601) LV Side
- 6.220/66kV, 50/66 MVA Transformer 2 (Bay-602) LV Side

Kindly take all safety measures during the charging.
Kindly ignore the previous mail.

With Regards


General Manager (Projects)
HPPTCL, Shimla-5

Shift In-charge (Control Room),**HPSLDC, Govt. of HP,****Shimla (H.P.) - 171011****Contact No.- 0177-2838398, 0177-2837543**

www.hpslhc.com



On Sun, 21 May 2023 at 11:05, Power Controller HP-SLDC
<pchpslhcshimla@gmail.com> wrote:

Sir

In reference to the trailing mail, the above mentioned activities were involved prior to charging of transformers can be done before taking the FTC clearance.
So it is advised to you that all prior activity can be done before taking the FTC clearance in future.

First time charging code for the following elements is **FTC-27 -**

Name of the elements:

- 1.220/66kV, 50/66 MVA Transformer 1 (Bay-208) HV Side
- 2.220/66kV, 50/66 MVA Transformer 2 (Bay-209) HV Side
- 3.220/66kV, 50/66 MVA Transformer-1
- 4.220/66kV, 50/66 MVA Transformer-2
- 5.220/66kV, 50/66 MVA Transformer 1 (Bay-601) LV Side
- 6.220/66kV, 50/66 MVA Transformer 2 (Bay-602) LV Side

Kindly take all safety measures during the charging.

With Regards

Shift In-charge (Control Room),

HPSLDC, Govt. of HP,

Shimla (H.P.) - 171011

Contact No.- 0177-2838398, 0177-2837543

www.hpslhc.com



On Sun, 21 May 2023 at 10:34, KARAN GARG <karansingh.tcl.hpml@nic.in>
wrote:

Sir,

The following step wise activities were involved prior to charging of transformers:

1. The coupling of bay 208 and bay 209 with existing 220kV charged system was carried out on dt. 03.04.2023 which was a 20 days activities as the coupling work was executed alternatively on both the buses. Consequently, the 220kV HT cables were charged on dt. 03.04.2023 on no-load . The 220kV HT cables were

charged at no load by removing the winding link from bushings of transformers which is also a 10 day activity.

2. The shutdown of HT cables was accorded on dt. 05.04.2023. As the 220/66kV transformers installed at Gumma have oil immersed HV and LV bushings, the oil was drained from all the HT bushings and then the termination of HT bushings with windings was carried out. This took around 15 days for termination and re-filling of oil in both transformers. The oil filtration of both the transformers was carried out which took around 15 days.

3. The oil samples were collected on dt. 06.05.2023 and then sent to PGCIL, Jalandhar lab for testing.

4. The result of oil samples was received on dt. 12.5.2023.

5. The proper checking of body protection of transformers and wiring was carried out which took around 3 days.

6. The protection team arrived on dt. 19.05.2023 and carried out the final pre-commissioning tests of transformers and 66kV GIS which took 2 days.

Regards

Er. Karan Singh Garg

AE -Electrical

From: pchpsldecshimla@gmail.com <pchpsldecshimla@gmail.com>

Sent: Sunday, May 21, 2023, 9:15 AM

To: 400kvgisgumma@gmail.com <400kvgisgumma@gmail.com>

Cc: sehpsldec@gmail.com <sehpsldec@gmail.com>; BARUN CHAUDHARY <smgumma.tcl@hpmail.in>; KARAN GARG <karansingh.tcl@hpmail.in>; RAJAT SHARMA <smprot1.tcl@hpmail.in>

Subject: Re: FTC of 220/66 kV, 50/66 MVA Transformer 1 & 2

Sir

Kindly specified the reason for the delay in first time charging (FTC) as the approval for FTC from the HPSLDC was given on 02.03.2023.

With Regards

Shift In-charge (Control Room),

HPSLDC, Govt. of HP,

Shimla (H.P.) - 171011

Contact No.- 0177-2838398, 0177-2837543

www.hpsldec.com



On Sun, 21 May 2023 at 09:01, Gumma Substation <400kvgisgumma@gmail.com> wrote:

Sir,

The final pre- commissioning tests of 2X63/50 MVA ,220/66kV Transformers and 66kV GIS have been completed. So kindly provide the charging code of the following elements

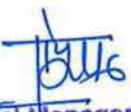
, for further references please find the attachment.

Name of the elements:

- 1.220/66kV, 50/66 MVA Transformer 1 (Bay-208) HV Side
- 2.220/66kV, 50/66 MVA Transformer 2 (Bay-209) HV Side
- 3.220/66kV, 50/66 MVA Transformer-1
- 4.220/66kV, 50/66 MVA Transformer-2
- 5.220/66kV, 50/66 MVA Transformer 1 (Bay-601) LV Side
- 6.220/66kV, 50/66 MVA Transformer 2 (Bay-602) LV Side

Thanks & Regards,

Shift In-charge
400/220kV GIS Gumma
Contact No. 9816053521


General Manager (Projects)
HPPTCL, Shimla-5

6/17/25, 4:23 PM

Gmail - Fwd: Format C for your reference, please.



Karan Singh Garg <karansinghgarg@gmail.com>

Fwd: Format C for your reference, please.

2 messages

Se Sldc <sehpsldc@gmail.com>

Fri, Apr 26, 2024 at 10:00 AM

To: Karan Singh Garg <karansinghgarg@gmail.com>

----- Forwarded message -----

From: **Se Sldc** <sehpsldc@gmail.com>

Date: Thu, 18 Apr 2024 at 15:02

Subject: Format C for your reference, please.

To: <solarhppcl@gmail.com>, solarhppcluna@gmail.com <solarhppcluna@gmail.com>

Sir,

Enclosed please find the attachment in respect of subject cited above.

--
Regards..

Superintending Engineer,
HP State Load Despatch Centre,
Govt. of HP, Tota, Shimla-11.
www.hpsldc.com

--
Regards..

Superintending Engineer,
HP State Load Despatch Centre,
Govt. of HP, Tota, Shimla-11.
www.hpsldc.com

2 attachments**Format V-C1.docx**
24K**New Procedure for integration of element.pdf**
1016K**Karan Singh Garg** <karansinghgarg@gmail.com>

Sat, Apr 27, 2024 at 2:51 PM

To: cehpsldc@gmail.com

Cc: Se Sldc <sehpsldc@gmail.com>, BARUN CHAUDHARY <smgumma.tcl@hpmail.in>, KARAN GARG <karansingh.tcl@hpmail.in>

General Manager (Projects)
HPPTCL, Shimla-5

6/17/25, 4:23 PM

Gmail - Fwd: Format C for your reference, please.

Respected sir,

Jai Hind.

In continuation to the trailing mail, please find the attached documents for obtaining FTC.

[Quoted text hidden]

2 attachments

 **FTC 66kv gis.pdf**
520K

 **FTC Hatkoti.pdf**
515K


General Manager (Projects)
HPPTCL, Shimla-5

HP Power Transmission Corporation Ltd.
Himfed Bhawan New ISBT Road Panjri, Shimla.

CERTIFICATE

Name of project : 66/220 KV GIS Sub Station (ADB Funded) ,Gumma Distt Shimla

We have confirmed that the following expenditure (Capital Cost) has been incurred on the above mentioned project as on date 22.05.2023

Sr No	Particulars	Provisional
		Amt. Rs. In Lakh
1	Erection & Civil Work	588.94
2	Material Supplied	3811.65
	Sub Total (A)	4400.59
2	Soil Investigation	0.59
3	Testing Charges	0.94
4	Other Misc. Charges	1.54
	Sub Total (B)	3.07
	Total (C) = (A+B)	4403.66
5	DC (Departmental Charges)	165.49
6	IDC (Interest During Construction)	306.12
	Total (D)	471.61
	Grand Total (E)=(C+D)	4875.27

This is to certify that the above summery has been prepared on the basis of information drawn from the Financial Statement /SAP of HP Power Transmission Corporation Ltd. as on date 22.05.2023.

H
DGM (Finance)
HPPTCL, Panjri,
Shimla-5

UDIN → 240885868KAAW87589



General Manager (Projects)
HPPTCL, Shimla-5

H P POWER TRANSMISSION CORPORATION LIMITED
HIMFED BHAWAN NEW ISBT ROAD , PANJRI SHIMLA-171005.

Provisional CERTIFICATE

Name of project : The yearwise detail of Debt and Equity of 66/220 KV GIS Sub Station (ADB Funded) ,Gumma Distt Shimla
As on date 22.05.2023.

(Rs.In Lakhs)

Description	Mob.Adv.2 019-20	2020-21	2021-22	2022-23	1.04.2023 to 22.05.2023	Total Capital cost	Total Debt/Equity
1	2	3	4	5	6	7 (3+4+5+6)	8 (2+7)
ADB Loan	382.33	822.19	3012.67	0	0	3834.86	4217.19
Equity	-382.33	269.15	746.72	18.69	5.85	1040.41	658.08
Total Capital Cost	0	1091.34	3759.39	18.69	5.85	4875.27	4875.27

Note: The Debt Equity Ratio may be considered as per column 2. The difference in figure at column 6 & 7 is due to incorporation of Mobilization Advance at column 2.

UDIN:-24088586 BKAAB 7539

DGM (Finance)
HPPTCL, Panjari,
Shimla-5

General Manager (Projects)
HPPTCL, Shimla-5





H. P. POWER TRANSMISSION CORPORATION LTD.

(A State Govt. Undertaking)

Regd. Office: Himfed Bhawan, New ISBT Road, Panjari, Shimla-171005
Ph.: 0177-2831283, 2831284 FAX:0177-2831284
CIN: U40101HP2008SGC030950
(GSTIN):02AACCH1548M1ZP

Dated: 13-08-2024

To

✓ The Managing Director,
HPSEB Limited, Vidyut Bhawan,
Shimla-1710004.

Subject: 51st Meeting of STU Coordination Committee to be held under the Chairmanship of Chief Secretary, Govt. of Himachal Pradesh; Revised Meeting Notice thereof.

Sir,

With reference to the subject cited matter, it is intimated that the 51st meeting of STU Coordination Committee which was scheduled to be held under the chairmanship of worthy Chief Secretary, GoHP on 05.08.2024 at 03:00 P.M. has been re-scheduled on **16.08.2024 at 03:00 P.M.** in the Committee Room of HP Secretariat (Ellerslie Building), Card Road, Shimla – 171002.

The agenda note for the meeting has been hosted on the official website of HPPTCL i.e. www.hpptcl.com. In addition, the additional agendas are also enclosed herewith. Therefore, it is requested to kindly make it convenient to attend the meeting on the scheduled date and venue, please.

Yours faithfully,


(Er. Manoj Kumar)
General Manager (C&D)
HPPTCL, Shimla-05.

Copy to:

1. The Sr. P.S. to the Chief Secretary, GoHP, Shimla -171002 for information of Worthy Chief Secretary, GoHP, please.
2. The Director (Energy), Directorate of Energy, MLA Crossings, Near ISBT Tutikandi, Shimla -171005 for information, please.
3. The Spl. Secretary (Power), to GoHP, Shimla-05 for information, please.
4. The Managing Director, HPPTCL, Himfed Bhawan, Panjari, Below Old MLA Quarters, Shimla-171005 for information, please.
5. The Chief Executive Officer, Himurja, Urja Bhawan, SDA Complex, Kasumpti, Shimla- 171009 for information, please.
6. The Director (Planning & Contracts)/(Projects), HPPTCL, Himfed Bhawan, Panjari, Below Old MLA Quarters, Shimla-171005 for information, please.


General Manager (Projects)
HPPTCL, Shimla-5

7. The Director (Technical), HPSEBL, Vidyut Bhawan, Kumar House, Shimla-171004 for information, please.
8. The Director (Electrical), HPPCL, Himfed Building, BCS, Shimla-171009 for information, please.
9. The Chief Engineer (System Planning), HPSEBL, Uttam Bhawan, Dogra Lodge, Shimla-171004, for information, please.
10. The DGM (P&A), HPPTCL, Himfed Bhawan, Panjari, Below Old MLA Quarters, Shimla-171005 for information and making necessary arrangement at the venue, please.
11. The President, Bonafide Himachalies Hydro Power Developers Association, Sai Bhawan, Sector-4, New Shimla-171009 for information, please.
12. Sh. C.M. Walia, Secretary-General, HPPF, Top Floor, Uttam Bhawan (near 103 Tunnel), Shimla-171004 for information, please.
13. The Chief Engineer, HP Load Despatch Society, SLDC Complex, Tutu, Shimla-11 for information, please.
14. Sh. S.N. Kapur, Gyamba House, South End, Lane-IV, Sector-1, New Shimla-9 for information, please.
15. M/s Sai Eternal Foundation, Sai Bhawan, Sector-4, New Shimla-171009 for information, please.
16. M/s Dera Hydro Power Private Limited, KH. No. 18/1 & 18/2, Jainantu Niwas First Floor Below Shree Mahun Nag Brothers, Bye Pass Road BCS Shimla, Himachal Pradesh for information, please.
17. M/s Himachal Hydel Projects Pvt. Ltd., SCO 3, Sector 16, Panchkula, Haryana-134108 for information, please.
18. M/s Ranital Hydro Ventures Private Limited, R/o: 39/2, Mahal Ratiara, Tehsil Baroh, Kangra, Himachal Pradesh-176054 for information, please.
19. M/s Western Himalayas Power Project, Village Shanag, PO Bhang, Tehsil Manali, Distt. Kullu-175103 for information, please.
20. M/s Kangra Hydro Power Venture Pvt. Ltd., Ranital, District Kangra (H.P.)-176029 (H.P) for information, please.
21. M/s Leond Hydro Power Pvt. Ltd., Skipton Villa, Jodha Niwas, The Ridge Shimla-171001 H.P. for information, please.
22. M/s Varun Jal Vidyut Shakti Pvt. Limited, Skipton Villa, Jodha Niwas, The Ridge Shimla-171001 H.P. for information, please.
23. M/s Western Himalayas Power Projects, Village Shanag, PO Bhang, Tehsil Manali, Distt. Kullu-175103 for information, please.
24. M/s Kapil Mohan & Associates Hydro Power Pvt. Ltd., S.C.O. 140-141, Sector 34-A, Chandigarh (U.T) for information, please.
25. M/s Daiwik Power Pvt. Ltd., Flat No. A-4, Block No. 08, Strawberry Hills, Shimla-171002 (H.P). for information, please.
26. M/s Pinnacle Hydro Energy Private Limited, D-119, First Floor, Saket, New Delhi - 110017 for information, please.
27. M/s Halindi Hydro Electric Project Pvt. Ltd., Durga Niwas, Below Himfed Building, BCS New Shimla, H.P. 171009 for information, please.


 General Manager (Projects)
 HPPTCL, Shimla-5

21 Page

28. M/s Palchan Bhang Pvt. Ltd., Room No. 18, Hotel Rohtang view, Vishishat, Manali-176131 for information, please.
29. M/s Kalima Hydro Power Private Limited, C/o Shri Chaman Lal, Near Nishita Hotel, Village Aleo, P.O. Manali, H.P.-175131 for information, please.
30. M/s Potential Energy Ventures, 315/16, Sahil Plaza, Dalhousie Road, Pathankot, Punjab for information, please.

General Manager (C&D)
HPPTCL, Shimla-05.


General Manager (Projects)
HPPTCL, Shimla-5

Additional Agendas for Discussion in the 51st Meeting of the STU Co-ordination Committee to be held under the Chairmanship of Worthy Chief Secretary (MPP & Power) on 16.08.2024 :

Agenda Item No. 1: Status update of EHV works under execution by HPSEBL.

HPSEBL is constructing various EHV works which will have effect on the intrastate Transmission system and utilization of various associated upstream assets. HPSEBL is requested to update the status of following works-

1. 132/33 kV AIIMS Substation and 132 kV D/C line from AIIMS substation to Kangoo. (The project needs to be completed in time to provide reliable power supply to AIIMS Bilaspur, An institute of National Importance)
2. 66 kV LILO at Sainj- Huli line at 400/220/66 kV Gumma/Pragatinagar Substation of HPPTCL. The 220/66 kV Transformation at Gumma has been commissioned/completed since 22.05.2023. The substation is lying idle due to non-completion of 66 kV LILO of Sainj Huli work being executed by HPSEBL.
3. 66/11 kV Bhago Sandhu Substation.
4. Status of Completion of 132/33 kV Bijhar substation and associated line from Jahu. In case completed details of peak flows on 132/33 kV Transformation at Bijhar.

HPSEBL may provide update in the matter along with reasons for delay and provide Scheduled Commissioning dates.

Agenda Item No. 2: EHV plan for providing Supply of Power to Medical Devices Park at Majholi and elimination of congestion of 66 kV level in BBNA (Baddi Barotiwala Nalagarh Industrial Area).

HP Govt has proposed a Medical Devices Park at Majholi near Nalagarh. The expected load requirement in long term is 100 MW. In addition HPSEBL is facing congestion on 220/66 kV transformation at Upperla Nangal Substation as well as 66 kV network from Upperla Nangal to Nalagarh and beyond. The Single Line Diagram of Area is attached alongwith as **Annexure-I**. At present the 66 kV Akkanwali Substation is feeding around 136 MVA load at present. The issue has been studied in detail and HPPTCL propose following EHV system **for providing Supply of Power to Medical Devices Park at Majholi and elimination of congestion of 66 kV level in BBNA-**

1. Construction of 220/66 kV, 2 X 200 MVA Substation in Akkanwali area by D/C LILO of 220 kV Twin Zebra Upperla Nangal to Baddi /Mandhala Transmission line.

This shall relieve 220/66 kV Baddi, 220/66 kV Upperla nangal and 66 kV D/C line from Upperla Nangal to 66/11 kV Nalagarh and 66 kV line from nalagarh to




General Manager (Projects)
HPPTCL, Shimla-5 1 | Page

Akkanwali and also provide alternate source of power to Akkanwali, Nalagarh and Baddi Substations.

2. In addition, a 220 kV D/C line charged on 66 kV initially is proposed from this substation near Akkanwali to Majholi alongwith creation of 66/33/11 kV Substation at Medical Devices Park (MDP) Majholi for Supply of Power to MDP and nearby industrial units. The line length shall be around 16 KM to 18 KMs. This shall ensure that initial requirements of MDP are met at 66 kV level and in future as and when the requirement increases the substation at Majholi can be upgraded to 220/66 kV level by charging line to 220 kV level from Proposed substation near Akkanwali.

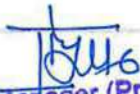
EHV plan for providing Supply of Power to Medical Devices Park at Majholi and elimination of congestion of 66 kV level in BBNA is placed for approval of constituents please.

Agenda Item No. 3: EHV plan for Dharmapur, Kasauli, Parwanoo and Kumarhatti area.

The 66/11 kV Parwanoo substation at present is being served by S/C 66 kV line from Mandhala Substation. There is no alternate supply available to this important industrial town. Earlier there was 132/66 kV Transformation available at Solan Substation which was removed to provide space for additional 132/33 kV Transformer at Solan Substation. Presently only source providing supply at 66 kV level in 220/66 kV Mandhala Substation. Apart from this the Supply of Power to Kasauli, Dharmapur is from 33 kV lines from Solan Substation which is operating at its peak capacity. Considering the huge expansion of these towns at Chandigarh Shimla national highway and upcoming residential and commercial loads. The area requires an EHV plan which shall cater to present and long term needs of Parwanoo, Dharmapur, Kasauli, and Kumarhatti area. Considering the present constraints and future requirements, HPPTCL is proposing following elements for strengthening of EHV system in the area-

1. Additional substation of 132/66/33 kV to be planned near Dharmapur/Kumarhatti or suitable location to ensure Quality Supply of power to Kasauli, Dharmapur and Parwanoo by interconnection with 132 kV Solan-Jamta line with provision for upgradation to 220 kV level in future from Kala Amb.
2. LILO of existing 66 kV S/C Parwanoo - Totu line at Proposed 132/66/33 kV Substation. (This shall provide alternate supply to present 66/11 kV Parwanoo Substation)

EHV plan for Dharmapur, Kasauli, Parwanoo and Kumarhatti area is placed for approval of constituents please.


General Manager (Projects)
HPPTCL, Shimla-5

Agenda Item No. 4 (Agenda by HPSEBL):

Petition no. 38/MP/2023 for approval of Central Electricity Regulatory Commission (CERC) for inclusion of 400/220/66kV GIS Pooling Substation Wangtoo (Sherpa Colony) of HPPTCL.

The scheme for construction of 400/220/66 kV GIS pooling substation at Wangtoo (Sherpa colony) by HPPTCL for the capacity 220/400 kV, 2x315 MVA and 66/220 kV 2x80/100 MVA was approved with an anticipated evacuation capacity of 350 MW. Therefore 400/220/66 kV GIS pooling substation at Wangtoo achieved COD on 29.09.2019. Currently these are beneficiaries of this asset i.e. Kashang HEP (65MW) of HPPCL to HPSEBL, Taranda Hydro Power Ltd. (Rala HEP 13MW) selling outside, Raura HEP (12MW), Panchhor Hydro Power Pvt. Ltd. (24.60MW), Ramesh Hydro Power Pvt. Ltd (24MW), other SHPs and HPSEBL. The future beneficiaries are Tidong Power Generation Pvt. Ltd (100MW), Kashang HEP (130MW) & other SHPs.

The HPSEBL has been made the Respondent to the present Petition since HPSEBL is injecting / drawing power at Wangtoo Pooling Station HPSEBL has PPA with SHPs (Wanger Homte HEP 24MW, Raura HEP 12 MW, Brua HEP 9MW, Shaung 3MW, Shyang 3MW, Tangling 5MW) which are injecting power at this pooling station. HPSEBL system is connected to Wangtoo Substation through S/C LILO of 220kV Bhaba-Kunihar transmission line and being used for both drawl and injection. The Wangtoo Pooling station is connected to 400kV Karchham Wangtoo Abdullapur circuit of ISTS.

It is submitted that on implementation of GNA regulation, the transmission charges are based on actual drawal from ISTS system. It is to be discussed whether the inclusion of said assets in under ISTS affect the actual drawal of HPSEBL from the Grid. And pros and cons of inclusion of this asset under ISTS may be discussed.

Members may deliberate on Pros and Cons of the inclusion of asset 400/220/66kV GIS Pooling Substation Wangtoo (Sherpa Colony) of HPPTCL under ISTS Pool.

Agenda Item No. 5: O&M Charges in respect of Chirchind SHEP (5 MW).

It is intimated that connectivity has been granted to Chirchind SHEP (5 MW) in joint- mode with Chirchind-II HEP (12.90 MW), Ghator HEP (2.20 MW) and Smwara HEP (2.50 MW) at 33/220/400kV Lahal substation by HPPTCL. At present, only Chirchind HEP (5 MW) has been commissioned and currently utilizing the 33kV bay.

M/s Shivalik has raised their concern regarding exorbitant O&M charges in lieu of 1 nos. 33kV bays at 33/220/400kV Lahal substation. M/s Shivalik has submitted as under:

- 33/220/400kV substation has total 24 nos. of bays but the annual O&M cost of Lahal is currently being apportioned at only 10 nos. bays.
- Post HPERC's order dated 19.12.2022 in Petition No. 53 of 2022, the O&M cost claimed from Feb. 2022 till 12th Jan. 2023 is Rs. 15,89,935/- per annum which


General Manager (Projects)
HPPTCL, Shimla-5
3 | Page

increased to Rs. 36,77,316/- per annum from 13th Jan. 2023 onwards and now further increased to Rs. 41,01,471/- per annum.

- The Capital cost of 33kV bay deposited by M/s Shivalik is Rs. 95/- Lakhs whereas O&M charges being charged by HPPTCL is Rs. 41/- Lakhs per annum. Further, O&M charges being claimed are irrespective of voltage level of all feeders which means that even 180 MW Holi Bajoli and 240MW Kuther HEP shall also pay the same Rs. 41 Lakhs per annum O&M charges as M/s Shivalik have to pay for 5MW Chirchind HEP.

In view of above, M/s Shivalik Energy Pvt. Ltd. has requested to rationalize the O&M charges to be claimed from 33kV bay at Lahal Substation.

It is intimated that, M/s Shivalik filed petition before Hon'ble HPERC and Hon'ble HPERC in petition no. 53 of 2022 decided on 19.12.2022 directed as under:

.....HPPTCL to revisit the calculation of Supervision and O&M charges, as per the agreements and mutually agreed terms and conditions. While, recalculating the charges, the HPPTCL shall consider only the O&M charges for the system which has actually been commissioned and shall not include the cost relating to 400kV system, if the same has not so far been commissioned and O&M charges should not be calculated for the spare bays, CVT Bays and Bays associated with system yet to be commissioned need to be capitalized and added/recovered as part of the capital cost. The overhead charges such as costs of staff quarters etc. should also be computed on pro-rata basis only for the system which have already been commissioned. The Commission directs the Petitioner and the Respondent no. 1 to reconcile the amount on the above lines within a period of one month from today. However, if some disputes still persists thereafter, the parties shall be at liberty to approach the Commission for redressal of the same.....

Accordingly, a meeting was held on 19.01.2023 under the Chairmanship of Director (Projects), HPPTCL between HPPTCL & M/s Shivalik Energy Pvt. Ltd. for finalization of supervision charges payable by M/s Shivalik Energy Pvt. Ltd. in pursuance of final order issued by Hon'ble HPERC on dated 19.12.2022 in the matter of Petition No. 53 of 2022 wherein, it was informed by HPPTCL that:

The supervision charges to be borne by M/s Shivalik in respect of 1 no. 33kV bay has been computed by equally apportioning the said supervision charges among 8 nos. incoming/outgoing bays (including 2 no. spare bays) in line with the Aastha Guidelines (Annexure-II). In response, M/s Shivalik pointed out that the Aastha guidelines are not applicable on GIS substation. M/s Shivalik also suggested that the annual O&M bay cost ideally cannot be more than 3 to 5 % per annum of bay cost, which means that HPPTCL is demanding to pay more than 10 times of what supposed to pay which is highly unreasonable irrational and unjustified.


General Manager (Projects)
HPPTCL, Shimla-5

HPPTCL did not agree to M/s Shivalik's view point as the O&M /Supervision charges have been worked based on the Aastha Guidelines, as per supervision agreement signed between both the parties by considering incoming and outgoing feeders.

Members may deliberate the same.

Agenda Item No. 6: Regarding request by IPPs Sundrali and Thanetar for connectivity by construction of new 66 kV Substation near Bajoli/GMR Dam Site.

The IPP Sundrali and Thanetar have submitted that there are a number of projects upcoming in the nearby vicinity of the project as follows-

Dera HEP 5 MW, Urna HEP 5 MW, Sundrali Thanetar HEP 5 MW, Sundrali HEP 11 MW, Gharoh HEP 3.5 MW, Holi HEP 7 MW, Lower Holi HEP 2 MW, Holi Top HEP 5 MW, Kurhed II HEP 5 MW, Kunkali HEP 5 MW.

IPP Sundrali and Thanetar has requested for Joint evacuation of Sundrali Thanetar HEP 5 MW with Dera HEP 5 MW upto S/yard of Kurhed I SHEP by upgrading the conductor of existing 33 kV line of M/s Himachal Hydro Power Pvt. Ltd. from Kurhed -I SHEP to Holi S/Stn, the complete power of Sundrali Thanetar HEP – 5 MW, Dera SHEP – 5 MW and Kurhed I SHEP 4.5 MW, roughly 15MW + overloading, shall be evacuated up to 33 kV Holi S/Stn.

In addition to above, IPP has requested to interconnect the existing 33 kV Holi-Gharola line with the Helling S/Stn at Dalli, to remove any evacuation constraints by constructing new 66/33 kV Substation.

Members may deliberate the requirement of new 66/33 kV Substation in Holi Valley and proposed Joint evacuation by IPP. HPPTCL, HPSEBL and IPPs Dera and Kurhed to provide comments on the IPP proposal.

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General Manager (Projects)
HPPTCL, Shimla-5



H. P. POWER TRANSMISSION CORPORATION LTD.

(A State Govt. Undertaking)

Regd. Office: Himfed Bhawan, New ISBT Road, Panjari, Shimla-171005

Ph.: 0177-2831283, 2831284 FAX: 0177-2831284

(CIN): U40101HP2008SGC030950

Dated: 18/06/2025

To

The Chief Engineer (System Planning),
HPSEBL, Dogra Lodge,
Uttam Bhawan, Shimla-04.

Subject: 66kV LILO of Sainj-Huli Line at 400/220/66kV Gumma/Pragatinagar substation of HPPTCL; Status thereof.

Reference: 51st STU meeting held on 16.08.2024.

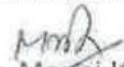
Sir,

With reference to the subject cited matter, it is reiterated that HPPTCL has constructed 220/66kV, 2*50/63 MVA Transformation Capacity at Gumma substation in order to provide reliable source of power to the HPSEBL consumers in the area. The substation works had been completed since May, 2023 and interconnection work of LILO of 66kV Sainj-Huli line at 400/220/66kV Gumma substation of HPPTCL is being done by HPSEBL.

In this context, the matter regarding status update of 66kV LILO at Sainj-Huli line at 400/220/66kV Gumma/Pragatinagar substation of HPPTCL was discussed as agenda item in 51st meeting of STU Coordination Committee held on 16.08.2024, wherein Director (T), HPSEBL conveyed that work shall be completed by May 2025. (Copy enclosed)

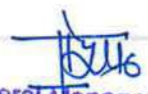
In view of the above, as the timeline of May 2025 has lapsed, it is requested to kindly provide the current status of the LILO work along with the revised tentative completion timeline at the earliest.

Yours faithfully,


(Er. Manoj Kumar)
General Manager (C&D)
HPPTCL, Shimla-05.

Copy of the DGM (C&M), HPPTCL, Himfed Bhawan, Panjari, Shimla for information please.


General Manager (C&D)
HPPTCL, Shimla-05.


General Manager (Projects)
HPPTCL, Shimla-5



HIMACHAL PRADESH STATE ELECTRICITY BOARD LIMITED

(A STATE GOVERNMENT UNDERTAKING)

Registered Office:- HPSEBL, Vidyut Bhawan, Shimla-171004 (H.P.)
 CIN: U40109HP2009SGC031255
 Tele-Fax: 01772653656
 Website: www.hpseb.com,
 Email: cesp.hpseb@gmail.com, seplanning.hpseb@gmail.com

No. HPSEBL/CE(SP)/DB-(EHV-Gen.)/2018-19-3752-57 Dated: 17-10-18
 To

✓ The General Manager (C&D),
 HPPTCL, Himfed Bhawan, Panjari,
 Shimla-171005.

Sub: - Providing connectivity at 66kV level and 2Nos. feeder bays at proposed
 400/220kV substation of HPPTCL at Pragatinagar near Gumma.

Sir,

Reference is invited to this office letter No. HPSEBL/CE(SP)/DB-(EHV-Gen.)/2018-19-1936-40 dated 21.07.2018 on the subject cited matter.

In order to cater to the additional demand of I&PH as well as for ensuring reliable alternative power supply at 66 kV Gumma Sub Station, a proposal was sent to HPPTCL for connectivity at 66 kV level with the proposed 400kV Sub Station at Pragati Nagar of HPPTCL. The drawl from the substation is expected to be 40-50 MW at 66 kV level.

It is, therefore, requested to take an early action in the matter and the modalities/requirements from HPSEBL may please be informed.

Yours faithfully,

Chief Engineer (SP),
 HPSEB Ltd., Uttam Bhawan,
 Dogra Lodge, Shimla - 171004.

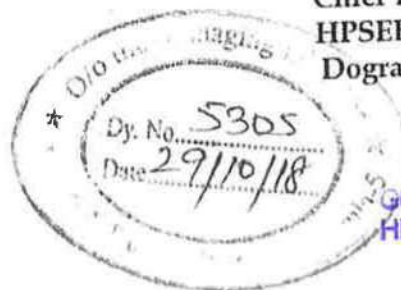
Copy of above is forwarded to the following for information please.

1. The Sr. Private Secretary/ P.S to the M.D& Director (Tech.) HPSEBL, Shimla-171004 for the information of M.D/Director (Tech.) please.
2. The Sr. P.S to the M.D HPPTCL, Himfed Bhawan, Panjari Shimla-171005 for the information of M.D please.
3. The Chief Engineer (ES), HPSEBL, Hamirpur.
4. The Chief Engineer (P&M), HPSEBL, Vidyut Bhawan, Shimla-171004.

M.D.	
Dir. (P&M)	
Dir. (Tech.)	
G.M. (C&D)	
G.M. (P&M)	
DGM (F&I)	
DGM (P&M)	

AGM (P&M)

29/10



Chief Engineer (SP),
 HPSEB Ltd., Uttam Bhawan,
 Dogra Lodge, Shimla - 171004.

General Manager (Projects)
 HPPTCL, Shimla-6

HIMACHAL PRADESH STATE ELECTRICITY BOARD LIMITED

(A STATE GOVERNMENT UNDERTAKING)



Registered Office:- HPSEBL, Vidyut Bhawan, Shimla-171004 (H.P.)

CIN: U40109HP2009SGC031255

Tele-Fax: 01772653656

Website: www.hpseb.com,

Email: cesp.hpseb@gmail.com, seplanning.hpseb@gmail.com

64

203

No. HPSEBL/CE(SP)/DB-(EHV-Gen.)/2018-19-1936-40 Dated: 21.07.2018.

To

The General Manager (C&D),
HPPTCL, Himfed Bhawan, Panjari,
Shimla-171005.

FR-101

Sub: - Providing connectivity at 66kV level and 2Nos. feeder bays at proposed 400/220kV substation of HPPTCL at Pragatinagar near Gumma.

Sir,

CP-187

In continuation to the minutes of meeting held in HPPTCL on 31.10.2017 and this office letter of even file No.4665-66 dated 22.3.2018 on the subject, it is informed that a meeting was held with the Addl. Chief Secretary(Power)-cum-Chairman, HPSEBL to review the power supply position to the water pumping station supplying water supply to Shimla town. The I&PH Department has demanded an additional load of 5 MVA at Chaba.

In order to cater to the additional demand of I&PH as well as for ensuring reliable power supply with adequate voltage at 66 KV Gumma Sub Station it was desired that a proposal be sent to HPPTCL for connectivity at 66 KV level with the 400/220 KV Pragati Nagar, Sub Station being constructed by the HPPTCL. The drawl from the sub station is expected to be 40-50 MW and two 66 KV feeders shall be required by HPSEBL.

It is requested to take necessary action in the matter and the modalities/requirements from HPSEBL may please be informed.

Yours faithfully,

19.7.18
Chief Engineer (SP),
HPSEB Ltd., Uttam Bhawan,
Dogra Lodge, Shimla - 171004.

Copy forwarded for information and necessary action to the followings: -

1. The Sr. Private Secretary/ P.S to the M.D & Director (Tech.) HPSEBL, Shimla-171004 for the information of M.D/ Director (Tech.) please.
2. The Chief Engineer (ES), HPSEBL, Hamirpur with reference to his office U.O No. HPSEBL/CE(ES)/W-413/2018-19-187 dated 09.07.2018. Further, he is requested to carryout survey work for LILoing of 66k Sainj-Hulli transmission line at proposed 400/220/66kV substation Pragatinagar of HPPTCL.
3. The Chief Engineer (P&M), HPSEBL, Vidyut Bhawan, Shimla-171004.

CP-61

Chief Engineer (SP),
HPSEB Ltd., Uttam Bhawan,
Dogra Lodge, Shimla - 171004.

General Manager (Projects)
HPPTCL, Shimla-5

Minutes of Meeting Held held under Chairmanship of Managing Director HPPTCL on 06.01.2022 amongst HPPTCL & HPSEBL to discuss various EHV related issues. The list of participants is attached as Annexure-I.

1. Reorganization of 33 kV Feeders in Kala Amb Area-

HPPTCL is constructing 220/132/33 kV Substation at Andheri Kala Amb alongwith associated EHV lines. HPPTCL shall be commissioning 220/132/33 kV Substation by October 2022. The associated Transmission line beyond Andheri towards 132 kV Jamta - Devani shall take time for construction considering the involvement of forest land. In order to provide relief to Johron Substation of HPSEBL, HPSEBL was requested to rearrange 33 kV feeders for interconnection at HPPTCL substation by October 2022 matching with commissioning of 220/132/33 kV Andheri Substation. This shall relieve HPSEBL loading at 132/33 kV Johron Substation upto 63 MVA at 33 kV level in the area. The issue was deliberated and Director (Operation) HPSEBL informed that they shall look into the possibility of reorganization of 33 kV feeder and revert back within 15 days.

2. Termination arrangement for 132 kV additional circuit stringing of Jamta - Kala Amb line at 132/33 kV Johron Substation of HPSEBL.

HPPTCL is executing work for additional circuit stringing of 132 kV Jamta Kala Amb line from Tower No. 1 to-14 of Devani to Johron Portion. In order to terminate the additional circuit at Johron Substation reorganization of existing termination arrangement (Termination of 132 kV S/C Giri - Johron line and 132 kV S/C Jamta Johron line) by construction of new Multi circuit towers is required alongwith 132 kV bay at the 132/33 kV Johron Substation. The issue was deliberated and Chief Engineer (ES), HPSEBL sought 15 days time to study the possibility of termination of additional 132 kV circuit at Kala Amb substation in consultation with M/s JB Rolling mills.

3. EHV system for serving Load requirement for Kinvan API Park a/w Ancillary Units.

In order to meet the load requirement of Kinvan API Park of around 15 MW initially and upto 35 MW in future HPPTCL proposes to construct 66 kV Substation by drawing line from Upperla Nangal Substation. The transformation of 66/11 kV shall be provided for Supply of Power to Ancillary Units and major KPI unit will be given supply at 66 kV Level. Chief Engineer (ES) sought 15 days time to study the proposal.

4. Supply of Power for Medical Instruments Park, Defense Park and Pharma Park near Kirpalpur/Majholi

In order to serve the load requirement of Medical Instruments Park, Defense Park and Pharma Park near Kirpalpur/Majholi of 35 MW initially and upto




General Manager (Projects)
HPPTCL, Shimla-5

100 MW in future. HPPTCL proposed to construct 220/66 kV Substation near Majholi by LILO of 220 kV line from Nalagarh to Chandigarh. As per requirement of consumers and HPSEBL, HPPTCL shall be providing supply at 66 kV level and further transformation at 66/33 & 66/11 kV level as requested by HPSEBL. The proposal was agreed and transformation level i.e. 220/66 & 220/33 will be finalized after intimation by HPSEBL. HPSEBL was requested to take up matter with industries department to confirm the transformation level and load requirement.

5. Pending issues of M/s AD Hydro limited regarding contracted capacity for usage of 220 kV Prini to Nalagarh line of M/s AD Hydro.

M/s AD Hydro have time and again raised issue of contracted capacity indicated by HPSEBL and over usage of line. Chief Engineer (System Operation) HPSEBL informed that they shall crosscheck and verify the claims based on the flows recorded by HPSLDC. DGM (C&M), HPPTCL was asked to provide the data and relevant correspondence to HPSEBL so that issue can be deliberated in the next meeting.

Additional Agenda items were also briefly discussed and following was decided-

1. Removal of Solid Tap and LILO of 220 kV Bhaba- Kunihar line at Wangtoo Substation.

The proposal was agreed in principal. Further, it was decided that detailed load flows study shall be carried out before initiating work on the same.

2. Status of 66 kV system LILO of 66 kV Sainj - Huli line at 400/220/66 kV Gumma Substation of HPPTCL having C.O.D. of February 2022.

Chief Engineer (ES) apprised that the tendering of 66 kV LILO is in process. HPPTCL were of firm view that the 220/66 kV Substation shall be commissioned by February 2022 and HPSEBL should expedite the LILO work.

3. Status of Construction of 22 kV lines of HPSEBL for interconnection of HPSEBL system at 66/22 kV Nirmand Substation of HPPTCL having C.O.D. of February 2022.

Director (Operation) HPSEBL sought 15 days time to get update on the system arrangement in area.

4. Status of Construction of 33 kV system of HPSEBL for interconnection of HPSEBL system with 33 kV Switching Station Palchan of HPPTCL having C.O.D. June 2022.

Director (Operation) HPSEBL sought 15 days time to get update on the system arrangement in area.

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General Manager (Projects)
HPPTCL, Shimla-5

5. Update of Status of LILO of 66 kV Andhra -Samoli line at 220/66 kV Sunda Substation being executed by HPPTCL.

Director (Projects) HPPTCL informed that the substation along with LILO of 66 kV Andhra - Samoli line shall be ready by March 2022.

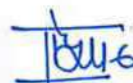
6. Feasibility for use of using 132 kV Sunda to Tangnu Romai line for strengthening of distribution system in Tangnu and Rupin area having C.O.D. of September 2022.

Director (P&C) HPPTCL requested Director (Technical) HPSEBL & Director (Operation) HPSEBL to check the possibility of use of under construction 132 kV D/C Sunda to Tangnu -Romai line for strengthening of distribution system in the area. Director (Operation) HPSEBL sought 15 days time to get update on the system arrangement in area.

7. Rearrangement of 33 kV feeders in Paonta Sahib area for C/O 132/33 kV Puruwala Substation by LILO of 132kV S/C Giri Kulhal line to provide alternate supply to Poanta Sahib.

The proposal was agreed in principle. Director (Operation) HPSEBL sought 15 days time to study the reorganization of 33 kV feeders and load from Existing 132/33 kV Gondpur substation and accordingly provide comments on the same.

It was decided to convene a meeting after 15 days to discuss and decide the above issues. The meeting ended with a vote of thanks to and from the chair.



General Manager (Projects)
HPPTCL, Shimla-5

List of Participants

Sr. No.	Name	Designation	Email
HPPTCL			
1.	Er. R. S. Jalta	Managing Director (HPPTCL)	md@hpptcl.in
2.	Er. Arun Goyal	Director Projects	directorprojects@hpptcl.in
3.	Er. Rajiv Sood	Director (P & C)	directorpc@hpptcl.in
4.	Er. Rajneesh Kumar	GM (C & D)	gmc@hpptcl.in
5.	Er. Yogesh Sharma	DGM (Planning)	dgmplgit@hpptcl.in
6.	Er. S.K. Sharma	DGM (C & M)	dgmcm@hpptcl.in
7.	Er. Harmanjeet Singh	AE (Planning)	dmplgl@hpptcl.in
HPSEBL			
1.	Er. Manoj Upreti	Director (Operations)	directoro@hpseb.in
2.	Er. Sandeep Kumar	Director (Technical)	directort@hpseb.in
3.	Dr. M. G. Sharma	C. E. (ES)	ceeshamirpur@hpseb.in
4.	Er. S.K. Dhiman	C. E. (SP)	cesp.hpseb@gmail.com
5.	Er. Anil Gautam	C. E. (SO)	cesvsophpseb@gmail.com
6.	Er. Ajay Sharma	S.E. (Planning)	Ajav.hpseb@gmail.com
7.	Er. Rajeev Verma	SE (Interstate)	seinterstate@gmail.com

[Signature]

General Manager (Projects)
HPPTCL, Shimla-5


H.P. POWER TRANSMISSION CORPORATION LIMITED

(A State Government Undertaking)

Regd. Office: HIMFED BHAWAN, PANJARI, SHIMLA-171005
 (CIN): U40101HP2008SGC030950, GST No.02AACCH1548M1ZP
 Ph.: - 0177-2833784, FAX: - 0177-2681284
 Email: gmcd.tcl@hpmail.in Web: hpptcl.com

HPPTCL/C&M/ADOL - GUMMA PETITION/2023-532-15 DATE: 02/09/23

To

The Chief Engineer (System Operation),
 HPSEBL, Vidyut Bhawan,
 Kumar House, Shimla-04.

Subject: - 220/66 kV, 2×50/63 MVA Transformer in the yard of 400/220 kV Gumma Substation in Distt. Shimla - Regarding non-utilization thereof.

Sir,

This is with reference to 220/66 kV, 2×50/63MVA Transformer in the yard of 400/220 kV Gumma Substation for which interconnection works of LILO of 66kV Sainj-Huli Transmission line were in the scope of HPSEBL. The 220/66 kV, 2×50/63MVA Transformer has been already charged by HPPTCL on dated 22.05.2023. However the downstream works for LILO of 66kV Sainj-Huli Transmission line have not been yet completed by HPSEBL. Thus the said asset of HPPTCL could not be put up to use despite its charging on 22.05.2023.

In this context, it is mentioned that matter has already been taken up in several meetings with HPSEBL for expediting the interconnection works of LILO of 66kV Sainj-Huli Transmission line. Further, TSA (Transmission Service Agreement) in respect of 400/220/66kV Gumma Substation has been signed between HPSEBL & HPPTCL on 17.01.2023.

The said transmission system was developed by HPPTCL for strengthening of power supply in Shimla Region. It is requested again to expedite the interconnection works of LILO of 66kV Sainj-Huli Transmission line so that said HPPTCL assets may be effectively put to use. Needless to say, the liability of Transmission charges since charging of said assets shall be with HPSEBL.

This is for kind information and further necessary action please.

Yours faithfully,

General Manager (C&D),
 HPPTCL, Shimla-05

Copy of above is forwarded to following for kind information in the matter please: -

1. The Director (P&C), HPPTCL, Shimla-05.
2. The Chief Engineer (System Planning), HPSEBL, Uttam Bhawan, Shimla-04
3. The Dy. General Manager (C&M), HPPTCL, Shimla-05.

General Manager (C&D),
 HPPTCL, Shimla-05

General Manager (Projects),
 HPPTCL, Shimla-05



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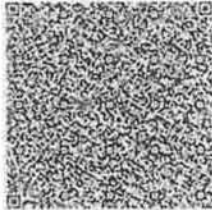
Government of Himachal Pradesh

₹100

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Certificate Issued Date	17-Jan-2023 02:45 PM
Account Reference	SELFPRINT (PU)/ hp-self/ SHIMLA URBAN/HP-SM
Unique Doc. Reference	SUBIN-HPHP-SELF10369411788152V
Purchased by	HARMANJEET SINGH
Description of Document	Article 5 Agreement or Memorandum of an Agreement
Property Description	SUPPLEMENTARY TRANSMISSION SERVICE AGREEMENT BETWEEN HPPTCL AND HPSEBL
Consideration Price (Rs.)	100 (One Hundred only)
First Party	H P POWER TRANSMISSION CORPORATION LTD
Second Party	HIMACHAL PRADESH STATE ELECTRICITY BOARD LTD
Stamp Duty Paid By	H P POWER TRANSMISSION CORPORATION LTD
Stamp Duty Amount(Rs.)	100 (One Hundred only)

₹100 ₹100 ₹100 ₹100



₹100

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Please write or type below this line

SUPPLEMENTARY TRANSMISSION SERVICE AGREEMENT

This Supplementary Agreement is executed on this 17th day of **January, 2023** at Shimla between H.P. Power Transmission Corporation Ltd., a State Government owned Transmission Utility incorporated under the Companies Act, 1956, having its register office at HIMFED Bhawan, Panjari, Shimla-171005 (hereinafter called "HPPTCL" which expression shall unless repugnant to the context or meaning thereof, includes its successors, administrators and permitted assigns) on the **First Part.**

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General Manager (C&D)

HPPTCL, Tutikandi Shimla-5

Statutory Seal

1. The authenticity of the e-stamp certificate should be verified at WWW.SHCILESTAMP.COM.
2. Any discrepancy in the e-stamp certificate and its printed copy should be reported to the Competent Authority.
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3. In case of any discrepancy please inform the Competent Authority.

General Manager (Projects)
HPPTCL, Shimla-5

AND

Himachal Pradesh State Electricity Board Ltd., a State Government owned Distribution Utility incorporated by Government of Himachal Pradesh under the Companies Act 1956, having its registered office at Kumar House, Vidyut Bhawan, Shimla-171004 (hereinafter called "HPSEBL" which expression shall unless repugnant to the context or meaning thereof, includes its successors, administrators and permitted assigns) on the **Second Part**.

AND WHEREAS, HPPTCL is transmitting the power of HPSEBL through its system mentioned in original Transmission Service Agreement executed between parties on **dated-10.02.2012** and supplementary transmission agreements signed between parties on **29.05.2018, 12.04.2021 and 14.07.2022**. The revised list of HPPTCL system used by HPSEBL whose Transmission Service Agreement has been signed till date is placed at revised **Annexure-A** of this agreement.

AND WHEREAS, In accordance with the **clause 5.2 of the Transmission Service Agreement dated 10.02.2012** executed between parties, a supplementary Agreement is required to be signed as and when new Transmission elements owned by HPPTCL comes in operation and is being utilized by HPSEBL. Accordingly, the Supplementary Transmission Service Agreement (TSA) is required to be signed between the parties to include transmission assets mentioned **under revised Annexure-B** of this Agreement.

AND WHEREAS, HPPTCL has signed Long Term Open Access (LTOA) Agreement with other beneficiaries for usage of STU system. As per Clause (33) of HPERC (Terms and Conditions for determination of Transmission Tariff) Regulations, 2011 and subsequent amendments thereof, Annual Transmission Service Charges (ATSC) shall be shared between long and medium term customers of Transmission system on monthly basis based on the allotted transmission capacity or contracted capacity, as the case may be. The maximum capacity utilization of HPPTCL system for HPSEBL after addition/inclusion of following assets mentioned at **Sr. No. 1 to 5 shall remain 670 MW** on intra-state system.

However the methodology to ascertain the contracted capacity of HPSEBL in future shall be as under-

"The contracted capacity of HPSEBL will be ascertained on the basis of the average of 'A' for the financial year 2019-20, 2020-21 and 2021-22 .i.e. for last three years.

Where,

'A' = {0.5 x maximum of HPSEBL drawl in a time block during the year} + {0.5 x [average of (maximum HPSEBL drawl in a time block in a day) during the year]}.

AND WHEREAS, HPPTCL has commissioned the following Transmission assets (**Annexure-B**) which are being used / will be used by HPSEBL as per the contracted capacity or allotted capacity, as such it is agreed between the parties as under :-



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General Manager (C&D)
HPPTCL, Tutikandi Shimla-5

General Manager (Projects)
HPPTCL, Shimla-5

1. 400/220/66 kV Gumma Substation by D/C LILO of 400 kV Jhakhri to Panchkula Transmission Line, 220 kV Hatkoti Switching Station, 220 kV D/C Hatkoti - Gumma Transmission line :-

This project has been constructed to evacuate power from Sawara Kuddu (111 MW) and other HEPs of Pabbar Valley basin allotted to various IPP's by HP Government. Sawara-Kuddu HEP having installed capacity of 111 MW has been already commissioned. In order to provide reliable source of power to the HPSEBL consumers in the area. HPPTCL subsequently constructed 220/66 kV, 2x50/63 MVA Transformation capacity at Gumma Substation. The works of substation have been completed and the interconnection works of LILO of 66 kV Sainj-Huli line is being done by HPSEBL. 220 kV Switching Station at Hatkoti has been constructed to pool power from Sunda and Snail and further Transmission to 400/220 kV Gumma Substation. The Transmission of Power from Hatkoti to Sunda is being done through 220 kV Hatkoti to Gumma Transmission line. The Power of Sawra-Kudu HEP is being transmitted from Sawra-Kudu HEP upto Hatkoti by 220 kV D/C Snail to Hatkoti Transmission Line.

2. 220/132/66 kV Substation at Sunda alongwith 220 kV D/C Transmission Line from Sunda to Hatkoti:-

Total available potential in the Rohru area is about 232 MW. This generation will be pooled in at this substation. This 232 MW of power will be evacuated through 66/132/220KV pooling Substation Sunda and then by 220KV Sunda- Hatkoti Line. From Hatkoti power is pooled at 220/400 KV pooling S/S Pragati Nagar (Kotkhai). As of now only HPSEBL 66 kV Andhra to Samoli line has been LILOed at 220/66 kV Sunda Substation. This has improved the availability and reliability of supply of the consumers in the area as well as provided reliable evacuation system to Andhra and Gumma Power House of HPSEBL as well as small IPPs in the area.

3. Additional Circuit LILO of 220 kV D/C Kunihar - Pinjore line at Baddi Substation alongwith 2 No. of 220 kV bays:-

The scheme has been executed by HPPTCL to strengthen availability of power supply to existing 220/66 kV Substation of HPSEBL at Baddi.

4. 220/132 kV Dehan Substation alongwith 220 kV D/C Transmission Line from Dehan to Hamirpur:-

The 220 kV Dehan Hamirpur line has been planned to evacuate about 220 MW of Small HEPs and power of Triveni Mahadev, Thana Plaun and Dhaulasidh HEP. The line is the interconnecting link with the ISTS system at 400/220 kV PGCIL substation in Hamirpur. The 220/132 kV Dehan Substation has been constructed to provide interconnection with 220 kV Dehan- Hamirpur line and existing 132 kV system of HPSEBL in the Palampur area. The LILO of 132 kV Dehan-Bassi line at HPPTCL substation is in process and when complete it shall interlink existing HPSEBL system with 220/132 kV Dehan Substation. As

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General Manager (C&D)
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General Manager (Projects)
HPPTCL, Shimla-5

of now Dhaulsaihd HEP has been intimated LTA w.e.f. 30.09.2026. The works of 220/132 kV Dehan Substation and 220 kV D/C Dehan -Hamirpur line have been completed.

5. **66/22 kV Nirmand Substation and 66 kV D/C Nirmand to Kotla Transmission line**

Total potential of Small HEPs in Nirmand valley (Satluj Basin) is estimated to be of the order of 55 MW. This project is being constructed to evacuate power from 14.3 MW Umli, Kurpan-III (14.6 MW), Shreekhand (8 MW) and other Small HEPs awarded to various IPP's by HP Govt. As quite a number of projects are coming in Nirmand valley of Satluj basin in Himachal Pradesh, therefore HPPTCL constructed an Integrated Transmission System in the area due to the limited corridors availability because of hilly terrain constraints and as such a large numbers of circuits cannot be constructed. From this 66/22 kV Sub Station at Nirmand (Bagipul), a 66 KV D/C line has been constructed till 66/220 KV Sub Station at Kotla. The existing 22 kV network of HPSEBL in the area has been interconnected with the Nirmand Substation. HPSEBL shall get reliable system to evacuate power as well to serve the consumers in the Nirmand valley.

AND WHEREAS, if Transmission Asset(s) included in Transmission Service Agreement are declared as interstate asset(s) in future, transmission tariff of such asset will be recovered in accordance with **CERC Sharing of Transmission Charges Regulations, 2020** as amended from time to time.

AND WHEREAS, the tariff and its sharing for above mentioned assets is yet to be determined by Hon'ble HPERC and therefore HPPTCL will approach/has approached Hon'ble HPERC for determination of the transmission charges. The system built/to be built upto interconnection points by the IPPs as per the provisions in the IAs/PPAs will not be considered for determination of the transmission charges to be paid by HPSEBL/other user(s)/beneficiary(ies). HPPTCL will charge HPSEBL/user(s) of the system as per the contracted capacity or approved capacity & their sharing approved by the HPERC.

AND WHEREAS, this Supplementary Transmission Service Agreement (TSA) is hereby entered into and the revised **Annexure-A and B** shall form part of this supplementary agreement. All other terms and conditions of the **Original TSA dated 10.02.2012** and any additional terms and conditions agreed subsequently in supplementary agreements shall remain unaltered and in the full force.

IN WITNESS whereof the parties have executed these presents through their Authorized Representatives on the dated mentioned above.



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General Manager (C&D)
HPPTCL, Tutikandi Shimla-5

General Manager (Projects)
HPPTCL, Shimla-5

For and on the behalf of HPPTCL

Signature:

Name:

Designation:

Witness

Signature:

Name:

Designation:

For and on the behalf of HPSEBL

Signature:

Name:

Designation:

Witness

Signature:

Name:

Designation:

General Manager (C&D)
HPPTCL, Tutikandi Shimla-5

Chief Engineer (System Operation)
H.P. State Electricity Board Ltd.
Vidyut Bhawan, Shimla-171004

Dr. S.K. SHARMA
DGM (Pg. & IT)

Rajiv Kumar Verma
SE (I/S)

General Manager (Projects)
HPPTCL, Shimla-5

ANNEXURE-A

Sr. No.	Name of the Line	Line Length (Kms)	Commercial Operation Date
A.	220 kV Lines:		
1.	220kV D/C Bairasuil Pong line (one circuit LILO at Jassure)	0.240	09/1985
2.	220kV D/C Nalagarh (PGCIL) to Nalagarh line	3.500	07/2010
3.	220kV S/C line on D/C towers Dehar to Kangoo line	4.177	06/1999
4.	220kV D/C Kashang-Bhaba Transmission line	38.79	01.06.2016
5.	S/C LILO of 220 kV Prini to Nalagarh line of ADHPL at Phojal	6.8	05.06.2016
6.	S/C LILO of 220 kV Kashang-Wangtoo line	-	23.03.2017
7.	220 kV S/C line on D/C towers from Karian to Rajera.	3.7	05/2018
8.	220 kV S/C line on D/C Tower from Lahal to Budhil	1.895	07.07.2020
	Sub Total (A)	59.102	
B	132 kV Lines:		
9.	132kV S/C Dehar-Kangoo line	2.992	12/1998
10.	132kV D/C Giri-Abdullapur line	16.220	08/1982
11.	132kV Giri-kulhal Line	17.40	04/1978
12.	132kV D/C Shanan-Bassi Line	5.00	03/1970
13.	132kV S/C Kangra Tap	0.135	02/1979
	Sub Total (B)	41.747	
C.	66 kV Lines:		
14.	66kV Shanan-Bijni Line	35.00	10/1969
15.	66kV S/C Pong-Sansarpur Terrace Line	6.300	10/1990
16.	66kV S/C Bhakra-Una LILO Gwalthai Line	16.724	12/1985
17.	66kV Pinjore-Parwanoo Line	8.230	04/1956
18.	66 kV D/C Urni to Wangtoo line	13.38	July 2022
	Sub Total ©	79.634	
	Grand Total (A+B+C)	180.483	



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General Manager (C&D)
HPPTCL, Tutikandi Shimla-5
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General Manager (Projects)
HPPTCL, Shimla-5

Sr. No.	Name of Substation	Transmission Capacity (MVA)	Commercial Operation date
1.	22/66/220 kV Bhoktoo Substation	1. 220/66 kV = 31.5 2. 66/22kV=2x10	23.03.2017
2.	33/220 KV Karian Substation	63	05/2018
3.	132/33kV Pandoh Substation alongwith LILO of one circuit of 132kV Larji-Bijni Transmission line	2x31.5	24.08.2019
4.	132/33kV Chambi Substation alongwithLILO of 132kV S/C Dehra- Kangra Transmission Line	2x 31.5	28.08.2019
5.	66/220/400kV Wangtoo Substation	400/220 = 2x31.5 220/66 = 2x100	29.09.2019
6.	33/220kV Phozal Substation	100	05.06.2016
7.	66kV Urni Substation	NA	26.09.2020
8.	400/220/33 kV Lahal Substation	400/220= 630 220/33= 63	Nov.2020
	Total	1863.5 MVA	



[Signature]

General Manager (C&D)
HPPTCL, Tutikandi Shimla-5

[Signature]
General Manager (Projects)
HPPTCL, Shimla-5

ANNEXURE-B

Sr.No	Name of Substation	Capacity (MVA)	Commercial Operation Date
1.	400/220/66kV Sub-Station at Gumma (Pragatinagar) .	400/220= 2x315 220/66= 2x 63	400/220 -01.11.2022 220/66 – Completed*
2.	220kV Switching Substation at Hatkoti .	NA	02.02.2022
3.	220/132 kV Dehan Substation.	220/132= 2x100	26.07.2022
4.	220/132/66 kV Substation at Sunda .	220/132=2x100 220/66=100	03.08.2022 20.08.2022
5.	66/22 kV Nirmand Substation	20	06.04.2022
	TOTAL	1276	

Sr. No	Name of Transmission Line	Line Length (kms.)	Commercial Operation Date
1.	D/C LILO of 400 kV Jhakhri to Panchkula Transmission Line at 400/220/66 kV Gumma Substation.	2.85	31.10.2020
2.	220kV D/C Hatkoti-Gumma Transmission line.	26.2	02.11.2020
3.	220 kV D/C Dehan to Hamirpur Transmission line.	57.94	09.06.2022
4.	220 kV D/C Transmission Line from Sunda to Hatkoti .	25.3	10.06.2022
5.	Additional Circuit LILO of 220 kV D/C Kunihar- Pinjore line at Baddi Substation alongwith 2 No. of 220 kV bays.	-	Baddi to Kunihar on 28.04.2022 & Baddi to Pinjore on 23.06.2022.
6.	66 kV D/C Nirmand to Kotla Transmission line.	23	Completed **
	Total	135.29	

*To be used after commissioning of 66 kV LILO of Sainj- Huli line at Gumma by HPSEBL

**Charging of line to be done after resolution of pending communication system link with HPSEBL system.



[Signature]

General Manager (C&D)
HPPTCL, Tutikandi Shimla-5

Page 8 of 8

[Signature]

General Manager (Projects)
HPPTCL, Shimla-5

Sr. No.	Name of the Party	Name of the work	Year of creation of liability capitalised in Gross Block	Undischarged liabilities relating to GB as on 22.05.2023 (COD)	Liability in additional capitalisation from COD to 31.3.2024	Contractors ERV updation	Discharge during the year from COD to 31.3.2024		Total discharge	Undischarged liabilities relating to GB 31.03.2024
							-by payment	-by reversal		
1	M/s GE T&D Pvt. Ltd.	66/220 kV GIS Sub Station Gumma	22.05.2023	NIL	Nil	0	Nil	Nil	Nil	Nil
2	DC	66/220 kV GIS Sub Station Gumma	31.03.2024	0	2699	0	0	0	0	2699
3					0	0	0	0	0	0
4					0.00	0.00	0.00	0.00	0.00	0.00
Total Liability- Cumulative					2699					2699


Sr. Accounts Officer,
HPPTCL, Panjari,
Shimla-5


DGM (Finance)
HPPTCL, Panjari,
Shimla-5


General Manager (Projects)
HPPTCL, Shimla-5

C/o Addl. Transformer Bank at 400/220 KV STN Gumma						
Date	Voucher No.	Name Of Party	Material Supplied	Page No. in Annexure-5(A)	Civil Work	Page No. in Annexure-5(B)
	2020-21					
30-01-2021	1st Supply	M/s GE T&D India Ltd	1,81,08,408	54-61		
30-01-2021	1st Freight	M/s GE T&D India Ltd			5,25,789	464-469, 503-508
30-01-2021	2nd Supply	M/s GE T&D India Ltd	64,35,188	54, 62-64		
30-01-2021	2nd Freight	M/s GE T&D India Ltd			1,86,850	464-469, 509-512
30-01-2021	3rd Supply	M/s GE T&D India Ltd	17,92,893	54, 65-67		
30-01-2021	4th Supply	M/s GE T&D India Ltd	13,59,702	54, 68-72		
30-01-2021	3rd Freight	M/s GE T&D India Ltd			52,058	464-469, 513-516
30-01-2021	4th Freight	M/s GE T&D India Ltd			36,280	464-469, 517-522
30-01-2021	5th Supply	M/s GE T&D India Ltd	4,89,632	54, 73-74		
30-01-2021	5th Freight	M/s GE T&D India Ltd			9,789	464-469, 523-525
01-02-2021	6th Supply	M/s GE T&D India Ltd	4,72,000	54, 75-76		
01-02-2021	6th Freight	M/s GE T&D India Ltd			9,436	464-469, 526-528
01-02-2021	8th Supply	M/s GE T&D India Ltd	17,89,583	54, 79-83		
01-02-2021	8th Freight	M/s GE T&D India Ltd			51,962	464-469, 532-538
01-02-2021	7th Freight	M/s GE T&D India Ltd			9,703	464-469, 529-531
01-02-2021	7th Supply	M/s GE T&D India Ltd	2,68,914	54, 77-78		
23-02-2021	1st Civil	M/s GE T&D India Ltd			90,45,991	539-541, 542-550
23-02-2021	9th Freight	M/s GE T&D India Ltd			11,795	551, 555-558
23-02-2021	9th Supply	M/s GE T&D India Ltd	5,90,000	124-127		
09-03-2021	10th Supply	M/s GE T&D India Ltd	12,26,769	136-139		
09-03-2021	10th Freight	M/s GE T&D India Ltd			33,703	563, 573-576
25-03-2021	12th Freight	M/s GE T&D India Ltd			4,718	563, 580-582
25-03-2021	12th Supply	M/s GE T&D India Ltd	2,36,000	142-143		
25-03-2021	11th Supply	M/s GE T&D India Ltd	5,56,941	140-141		
25-03-2021	11th Freight	M/s GE T&D India Ltd			16,171	563, 577-579
31-03-2021	2nd Civil	M/s GE T&D India Ltd			26,56,780	583-590
31-03-2021	13th Supply	M/s GE T&D India Ltd	5,11,63,660	156-167		
31-03-2021	13th Freight	M/s GE T&D India Ltd			19,17,494	591-593, 609-611
		Total (A)	8,44,89,688		1,45,68,519	

General Manager (Projects)
HPPTCL, Shimla-5

	2021-22					
27-04-2021	14th Supply	M/s GE T&D India Ltd	12,33,312.40	156-158, 168-169		
27-04-2021	14th Freight	M/s GE T&D India Ltd			57,238.66	591-593, 612-613
27-04-2021	15th Supply	M/s GE T&D India Ltd	46,37,221.70	156-158, 170-171		
27-04-2021	15th Freight	M/s GE T&D India Ltd			1,34,644.74	591-593, 614-615
30-04-2021	16th Supply	M/s GE T&D India Ltd	37,42,918.69	183-187		
30-04-2021	16th Freight	M/s GE T&D India Ltd			1,08,678.76	616-618, 631-635
30-04-2021	17th Supply	M/s GE T&D India Ltd	4,05,64,043.44	183, 188-191		
30-04-2021	17th Freight	M/s GE T&D India Ltd			9,15,818.44	616-618, 636-640
27-05-2021	18th Supply	M/s GE T&D India Ltd	24,45,512.60	183,192-207		
27-05-2021	18th Freight	M/s GE T&D India Ltd			54,177.20	616-618, 641-642
10-06-2021	19th Supply	M/s GE T&D India Ltd	7,86,889.18	208-210, 211-217		
10-06-2021	19th Freight	M/s GE T&D India Ltd			22,847.80	646-649
21-06-2021	3rd Civil	M/s GE T&D India Ltd			6,23,639.44	650-654
25-07-2021	20th Supply	M/s GE T&D India Ltd	1,44,46,960.60	223, 224-227		
25-07-2021	21st Supply	M/s GE T&D India Ltd	1,88,40,239.84	223, 228-235		
25-07-2021	20th Freight	M/s GE T&D India Ltd			7,84,170.40	660-662, 693-698
25-07-2021	21st Freight	M/s GE T&D India Ltd			8,97,222.07	660-662, 700-703
12-08-2021	22nd Supply	M/s GE T&D India Ltd	1,73,74,911.97	223, 238-245		
12-08-2021	22nd Freight	M/s GE T&D India Ltd			9,15,062.30	660-662, 704-712
12-08-2021	23rd Supply	M/s GE T&D India Ltd	21,33,247.66	223, 247-249		
12-08-2021	23rd Freight	M/s GE T&D India Ltd			49,055.83	660-662, 713-716
12-08-2021	24th Supply	M/s GE T&D India Ltd	5,90,000.00	223, 250-251		
12-08-2021	24th Freight	M/s GE T&D India Ltd			11,795.12	660-662, 717-718
21-08-2021	4th Civil	M/s GE T&D India Ltd			9,26,122.04	719-726
27-08-2021	25th Supply	M/s GE T&D India Ltd	19,15,920.74	283-287		
27-08-2021	25th Freight	M/s GE T&D India Ltd			69,128.25	727-729, 761-763
27-08-2021	26th Supply	M/s GE T&D India Ltd	37,65,953.45	283, 288-332		
27-08-2021	26th Freight	M/s GE T&D India Ltd			1,09,346.92	727-729, 764-765
14-09-2021	27th Supply	M/s GE T&D India Ltd	2,19,26,451.74	333-335, 336-345		
14-09-2021	27th Freight	M/s GE T&D India Ltd			7,74,897.01	780-782, 807-816
27-09-2021	28th Supply	M/s GE T&D India Ltd	37,05,470.63	333-335, 346-350		
27-09-2021	28th Freight	M/s GE T&D India Ltd			1,07,590.71	780-782, 817-821
27-09-2021	29th Supply	M/s GE T&D India Ltd	13,61,190.34	351-359		
27-09-2021	29th Freight	M/s GE T&D India Ltd			38,217.98	780-782, 822-828

General Manager (Projects)
HPPTCL, Shimla-5

27-09-2021	5th Civil	M/s GE T&D India Ltd			10,97,629.40	829-835
19-10-2021	31st Supply	M/s GE T&D India Ltd	56,74,296.39	387-389, 397-400		
19-10-2021	31st Freight	M/s GE T&D India Ltd			1,82,652.24	837-839, 867-870
19-10-2021	32nd Supply	M/s GE T&D India Ltd	42,17,303.34	387-389, 401-405		
19-10-2021	32nd Freight	M/s GE T&D India Ltd			1,22,452.14	837-839, 871-874
19-10-2021	33rd Supply	M/s GE T&D India Ltd	12,57,74,179.66	387-389, 406-410		
19-10-2021	33rd Freight	M/s GE T&D India Ltd			1,45,84,091.18	837-839, 875-876
19-10-2021	1st Training	M/s GE T&D India Ltd			12,51,603.58	879-881
19-10-2021	30th Supply	M/s GE T&D India Ltd	55,56,154.54	387-389, 390-396		
19-10-2021	30th Freight	M/s GE T&D India Ltd			1,61,328.74	862-866
29-11-2021	6th Civil	M/s GE T&D India Ltd			93,12,468.05	882-884, 885-893
30-11-2021	7th Civil	M/s GE T&D India Ltd			63,06,369.03	882-884, 894-898
14-12-2021	35th Freight	M/s GE T&D India Ltd			11,795.12	900-902, 913-914
14-12-2021	35th Supply	M/s GE T&D India Ltd	5,90,000.00	432-435, 443-447		
31-12-2021	34th Freight	M/s GE T&D India Ltd			5,43,767.20	900-902, 907-908
31-12-2021	34th Supply	M/s GE T&D India Ltd	1,45,88,329	432,435, 436-442		
		Total (B)	29,57,70,193		4,01,05,631	
		Total (A+B)	38,02,59,881		5,46,74,150	
	2022-23					
31-05-2022	9th Civil	M/s GE T&D India Ltd			6,04,788.22	915-918
31-05-2022	8th Civil	M/s GE T&D India Ltd			23,39,104.63	916
30-04-2022	10th Civil	M/s GE T&D India Ltd			6,58,121.45	927-928
16-12-2022	11 Erection	M/s GE T&D India Ltd			91,317.59	937-938, 939-940
28-12-2022	12th Erection	M/s GE T&D India Ltd			4,99,858.66	937-938, 941-942
08-02-2023	36th Freight	M/s GE T&D India Ltd			26,303.29	950-953
07-03-2023	36th Supply	M/s GE T&D India Ltd	9,05,684.28	448, 456-466		
		Total C	9,05,684		42,19,494	
		Total (A to C)	38,11,65,566		5,88,93,644	
			38,11,65,566		5,88,93,644	


 General Manager (Project)
 HPPTCL, Shimla-5

D. No - 1502928

**H.P POWER TRANSMISSION CORPORATION LTD.**

(A State Govt. Undertaking)

Web: www.hpptcl.com

Regd. Office: Himfed Bhawan, New ISBT Road, Panjari, Shimla-171005

Ph: - 0177-2831283, 2831284 FAX: 0177-2831284

(CIN): U40101HP2008SGC030950)

(GSTIN): 02AACCH1548M1ZP)

No. HPPTCL/F&A/BKG/2024-25-

12158-57

Dated: 20/1/25

To

The Manager,
Punjab National Bank,
The Mall Shimla,

Sub: - Transfer of Rs.2,39,698/- (Rs.Two Lac Thirty Nine Thousand Six Hundred Ninety Eight only) in favour of M/S GE T&D India Limited.

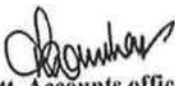
Sir,

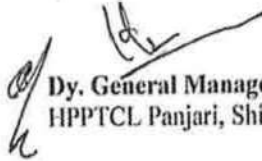
Please transfer a sum of Rs.2,39,698/- (Rs.Two Lac Thirty Nine Thousand Six Hundred Ninety Eight Only) through RTGS from HPPTCL Bank account No.3383002100019686 to following account of M/S GE T&D India Limited is as under: -

Beneficiary Name	M/S GE T&D India Limited.
Beneficiary Address	163, Anna Salai, Chennai- 600002.
Beneficiary's Current Account No.	0100024012.
Beneficiary's Bank	CITI Bank N.A.Chennai
IFSC Code	CITI00000003.

Yours sincerely,

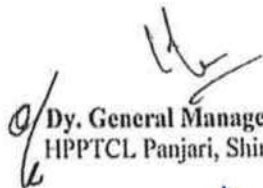
Authorised Signatories


Asstt. Accounts officer,
HPPTCL Panjari, Shimla-5.


Dy. General Manager (Fin.)
HPPTCL Panjari, Shimla-5

Copy to: -

1. The Dy. General Manager (Projects), HPPTCL Panjari Shimla, for information.
2. The Sr. Manager (Projects), HPPTCL, PIU Gumma, Shimla, (HP) for information and necessary action with reference to your office letter no. HPPTCL/PIUG/A-2/2024-25-653 dated 24.10.2024.
3. The Sr. AO loan section of this office for information.
4. The M/S GE T&D India Ltd. Plot I-14, T5, Axis House, Jay Pee Wish Town, Sec-128, Noida- 201304 for information.


Dy. General Manager (Fin.)
HPPTCL Panjari, Shimla-5


General Manager (Projects)
HPPTCL, Shimla-5



Name of Work: Construction of 66/220 KV GIS Sub Station having 220 & 66 KV GIS Equipments, 2x50/63 MVA, Three Phase Power Transformer and other SubStation Equipments and Associaed Civil Works in the yard of 400/220 KV Gumma S/Stn at Gumma (District- Shimla) of Himachal Pradesh on Turnkey Basis.

Tender No: 41-SS/ADB/HPPTCL/66/220kV GIS Gumma/2019-20-22331-39 DATED:- 22/02/2020

Date of Completion : 30th July 2021 Final EOT 22.05.2023

Name of Contractor: M/S GE T&D India Limited.

GSTIN NO. 02AACCH1548M1ZP.

Total Cost of Work:-Rs.45,11,52,036/- inclusive of GST. (Amended cost. Rs.44,16,33,442/-)

Performance Security: Rs. 4,55,57,203/- vide BG No. 316020743786 DATED:- 07.03.2020 Valid upto 30.06.2025

Sr. No.	RA bill No.	Basic Amount	GST	Gross Amount	TDS @2%	SGST TDS @1%	CGST TDS @1%	Labour Cess	Total Deduction	Netpayable
1	14th Erection	2,12,461.00	38,243.00	2,50,704.00	4,249.00	2,125.00	2,125.00	2,507.00	11,006.00	2,39,698.00
	Total (A)	2,12,461.00	38,243.00	2,50,704.00	4,249.00	2,125.00	2,125.00	2,507.00	11,006.00	2,39,698.00

Bill Passed for Rs. 2,50,704 = 00

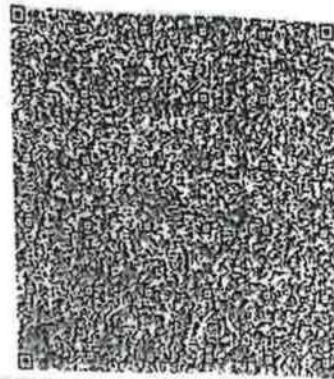
(Rs. Two Lakh Fifty thousand seven hundred and four only)

By Adjustment = Rs. 11,006 = 00

Net Payable = Rs. 2,39,698 = 00

DGM (Finance)
HPPTCL, Panjari,
Shimla-5

General Manager (Projects)
HPPTCL, Shimla-5



id: 71f5b2dd36f528994afe4d35e27485a95bd3f2ba69a9c7e0d527b467e3c623621

Scanned with CamScanner

CH. TO: C/O 66/220 KV GIS Gymnag.

Base Amount = 2,12,461/-
Add: GST @ 18% = 38,243/-
Gross Amount = 2,50,704/-

Bill checked & verified for Rs. 2,50,704/- (Rs. Two Lacs
Fifty thousand seven hundred four only.)

Less: Deductions:

i) GST TDS @ 2% = 4,249/-

ii) TDS @ 2% = 4,249/-

iii) Labourers @ 1% = 2,507/-

iv) Advance @ 10% = 25,070/-
36,075/-

Net Payable Amount = 2,50,704 - 36,075 = 2,14,629/- (Rs.
Two Lacs fourteen thousand six hundred twenty nine only.)

Senior Manager
HPPTCL, PIU Gurgaon
Teh. Kotkhai, Distt. Shimla (H.P.)

Assistant Engineer (E)
HPPTCL, PIU Gurgaon
Teh. Kotkhai, Distt. Shimla

General Manager (Projects)
HPPTCL, Shimla-5

A No- 1502646

1503779



Web: - www.hpptcl.com

H.P POWER TRANSMISSION CORPORATION LTD.

(A State Govt. Undertaking)

Regd. Office: Himfed Bhawan, New ISBT Road, Panjari, Shimla-171005

Ph: - 0177-2831283, 2831284 FAX: 0177-2831284

(CIN): U40101HP2008SGC030950)

(GSTIN): 02AACCH1548M1ZP)

No. HPPTCL/F&A/BKG/2024-25-

10949-53

Dated: - 20/12/24

To

The Manager,
H.P State Co-Operative Bank,
The Mall Shimla.

Sub: - Transfer of Rs.4,67,575/- (Rs. Four Lac Sixty Seven Thousand Five Hundred Seventy Five only) in favour of M/S GE T&D India Limited.

Sir,

Please transfer a sum of Rs.4,67,575/- (Rs. Four Lac Sixty Seven Thousand Five Hundred Seventy Five Only) through RTGS from HPPTCL Bank account No.43820105877 to following account of M/S GE T&D India Limited is as under: -

Beneficiary Name	M/S GE T&D India Limited.
Beneficiary Address	163, Anna Salai, Chennai- 600002.
Beneficiary's Current Account No.	0100024012.
Beneficiary's Bank	CITI Bank N.A.Chennai
IFSC Code	CITI0000003.

Yours sincerely,

Authorised Signatories

[Signature]
20/12/24
Sr. Accounts officer,
HPPTCL Panjari, Shimla-5.

[Signature]
Dy. General Manager (Fin),
HPPTCL Panjari, Shimla-5.

Copy to: -

1. Dy. General Manager (Projects) HPPTCL, Shimla Zone Panjari, 171005 (HP) for information.
2. Sr. Manager, (Projects) HPPTCL, Gumma for information and necessary action with reference to your office letter no.HPPTCL/PIUG/ A-2/2024-25-654 dated 24.10.2024 .
3. The Sr.AO loan section of this office for information.
4. The M/S GE T&D India Ltd. A-7,2nd Floor,Sec.-65, Noida- 201301 (U.P.) for information.



[Signature]
Dy. General Manager (Fin),
HPPTCL Panjari, Shimla-5.

[Signature]
General Manager (Projects)
HPPTCL, Shimla-5

Work: Construction of 66/220 KV GIS Sub Station having 220 & 66 KV GIS Equipments, 2x50/63 MVA, Three Phase Power Transformer and other SubStation Equipments and Associated in the yard of 400/220 KV Gumma S/Station at Gumma (District- Shimla) of Himachal Pradesh on Turnkey Basis,
 No. 41-SS/ADB/HPPTCL/66/220KV GIS Gumma/2019-20-22331-39 DATED:- 22/02/2020
 Completion: 30th July 2021 Final EOT 22.05.2023
 Contractor: M/S GE T&D India Limited.
 PWD: 02AACCH1548M1ZP.
 Cost of Work: Rs.45,11,52,036/- Inclusive of GST. (Amended cost. Rs.44,16,33,442/-)
 Performance Security: Rs. 4,55,57,203/- vide BG No. 316020743786 DATED:- 07.03.2020 Valid upto 30.06.2025

Bill No.	Basic Amount	GST	Gross Amount	Mobilization Advance	Retention @ 5% OAC	TDS @ 2%	SGST TDS @ 1%	CGST TDS @ 1%	Labour Cess	Royalty	Recovery for Negative deviated Quantities	Total Deduction	Netpayable
12th Civil	6,68,741.00	1,20,373.00	7,89,114.00		33,437.00	13,375.00	6,688.00	6,687.00	7,891.00	14,506.00	2,38,955.00	3,21,539.00	4,67,575.00
Total (A)	6,68,741.00	1,20,373.00	7,89,114.00		33,437.00	13,375.00	6,688.00	6,687.00	7,891.00	14,506.00	2,38,955.00	3,21,539.00	4,67,575.00

Bill Passed for Rs. 7,89,114.00
 (Rs. Seven Lakh eighty Nine thousand one hundred Fourteen only)
 By Adjustments Rs. 3,21,539.00
 Net Payable = Rs. 4,67,575.00

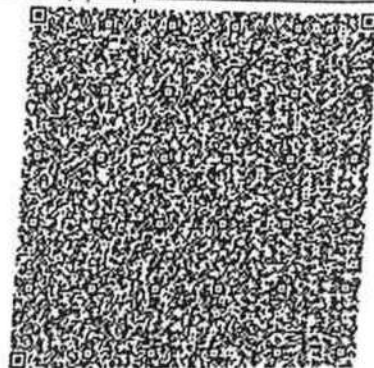
DGM (Finance)
 HPPTCL, Panjari,
 Shimla-5

General Manager (Projects)
 HPPTCL, Shimla-5

GE T&D India Ltd.*
C/O Ashok Jindal, Khasra No. 802/700,,Royal Chambers, Kasauli Road, Sector
-2,,Solan,173220,Himachal Pradesh.
GSTIN: 02AAACG2115R1ZT

Tax Invoice

Doc No. 5101257
10228



VO0223100012 Invoice Date : 28/06/2023

15507247641a2d4b271fcb08a88110d6c08a8cc0da59c859699edc5

POWER TRANSMISSION CORPORATION LIMITED (HPPTCL)

Shimla Bhawan, Panjari, (Below old MLA
SHIMLA, 171005, Himachal Pradesh, India.

State/Union Territory Name/Code: Himachal Pradesh - 02

Contract Number: HPPTCL/ADB/66/220 KV GIS Gumma/2019-20

Contract Date: 20/02/2020

PO Number: HPPTCL/ADB/66/220 KV GIS Gumma/2019-20

Order Number: 307265

Code: 5427PN098

Ref No: 7000956810

No: 307265

Terms: 10% Advance, 80% against Dispatch, 10% Retention against

Commissioning & TOC

Terms (Inco terms): EXW

Cases/boxes:

Receipt Voucher No:

Receipt Voucher Date:

Date: 28/06/2023

Time stamp: 28.06.2023 18:02:00

Place of Supply

Name: HP POWER TRANSMISSION CORPORATION LIMITED (HPPTCL)

Address: Himfied Bhawan, Panjari, (Below old MLA
Quarters), SHIMLA, 171005, Himachal Pradesh, India.

State/Union Territory Name/Code: Himachal Pradesh - 02

GSTIN: 02AAACCH1548M1ZP

Ship to

Name: SENIOR MANAGER, HIMACHAL PRADESH POWER
TRANSMISSION CORPORATION LTD. (HPPTCL)

Address: Pragati Nagar, Kothkhal, 66kV/220kV GIS Substation
Gumma, DIST. SHIMLA, 171202, Himachal Pradesh,

State/Union Territory Name/Code: Himachal Pradesh - 02

GSTIN: 02AAACCH1548M1ZP

Consigned from:

Vendor Invoice No. & Date:

Vehicle Number:

Transporter Name:

L.R. No. & Date:

Insurance borne by:

Freight borne by:

Special text:

Assistant Engineer
HPPTCL GUMMA

No.	Matcode/Cust. Mat. Description	HSN/ SACcode	Qty UOM	Rate	Flight, Insurance or Other	Total	Taxable value	CGST	SGST/UTGST
1	VDCIVIL CIVIL WORK - RA 10	995426	1	668,740.92	0.00	668,740.92	668,740.92	60,186.68	60,186.68

Inclusive of Taxes: 0.00 668,740.92 668,740.92 60,186.68 60,186.68

Value (in figure): Rs. 789,114.28

Value (in words): Seven lakh eighty nine thousand one hundred fourteen rupees twenty eight paise only

Type code: INV Supply Type Code: B2B Tax Scheme: GST Version: 1.1

Net Payable = 4,67,575.00

TDS @ 2% = 13,375.00

SGST TDS @ 1% = 6,688.00

CGST TDS @ 1% = 6,688.00

Labour @ 8% = 7,841.00

Royalty = 14,506.00

Reverse charge applicable on 33,437.00

Negative deviation = 2,88,155.00

Net Payable = 4,67,575.00

Registered Office: A-18, First Floor, Phase II, Okhla Industrial Area, NEW DELHI- 110020. Formerly Alstom T&D India Ltd.

CIN No. L31102DL1957PLC19399 PAN No. AAACG2115R TAN No. CHET00416D

DGM (Finance)
HPPTCL, Panjari,
Shimla-5

General Manager (Projects)
HPPTCL, Shimla-5

Scanned with CamScanner

Page 1 of 1

Certified That

1. The Entries were made by **Er. Sumesh thakur** on **27/09/2024** and are recorded at **Page 18-22 of MB 7951.**
2. Work done as per IS Code specifications, conditions of contract and directions of Engineer In Charge(EIC).
3. Work has been in interest of HPPTCL.
4. No labor complaint received against contractor.


Junior Engineer (C)
HPPTCL, PIU Gumma
Teh Kotkhai Distt Shimla


Assistant Engineer (C)
HPPTCL, PIU Gumma
Teh Kotkhai Distt Shimla

CH. To: C/O 220/66 KV GIS Gumma.

Base Amount = 6,68,741/-

Add: GST @ 18% = 1,20,373/-

Gross Amount = 7,89,114/-

Bill checked & verified for Rs. 7,89,114/- (Rs. Seven lacs eight nine thousand one hundred fourteen only.)

Less: Deductions:

i) GST TDS @ 2% = 13,375/-

ii) TDS @ 2% = 13,375/-

iii) Retention @ 10% = 66,874/-

iv) Labourscen @ 1% = 7891/-

v) Royalty = 14,506/-

vi) Advance @ 10% = 78,911/-

vii) Recovery for negative deviated quantities = 2,38,955/-

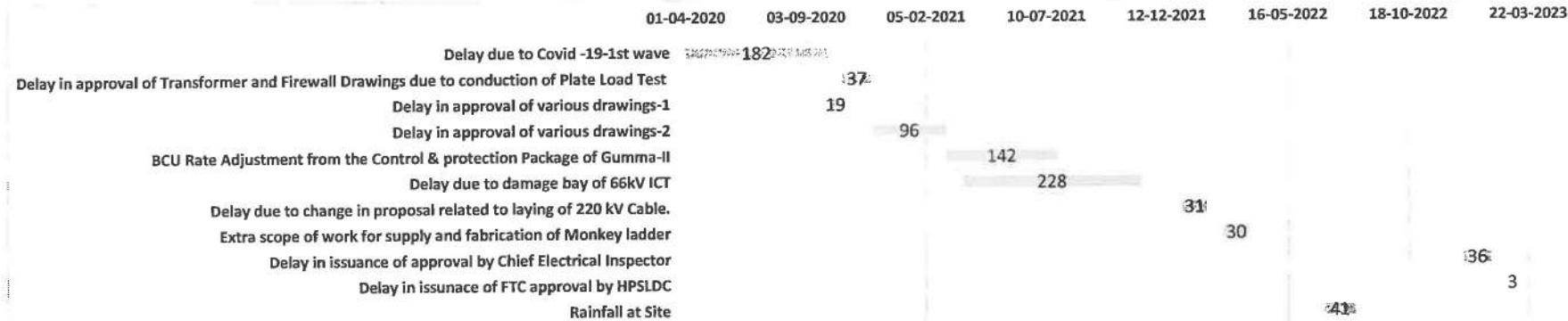
4,33,887/-

Net Payable Amount = 7,89,114 - 4,33,887 = 3,55,227/- (Rs. Three lacs fifty five thousand two hundred twenty seven only.)


General Manager (Projects)
HPPTCL, Shimla-5


Senior Manager
HPPTCL, PIU Gumma
Teh Kotkhai Distt Shimla

220/66 kV GIS GUMMA



Hindrance	Start Date	End Date	delay	Non overlapping period
Delay due to Covid -19-1st wave	01-04-2020	30-09-2020	182	182
Delay in approval of Transformer and Firewall Drawings due to conduction of Plate Load Test	20-10-2020	25-11-2020	37	37
Delay in approval of various drawings-1	01-10-2020	19-10-2020	19	19
Delay in approval of various drawings-2	27-11-2020	03-03-2021	96	96
BCU Rate Adjustment from the Control & protection Package of Gumma-II	03-03-2021	23-07-2021	142	142
Delay due to damage bay of 66kV ICT	25-03-2021	08-11-2021	228	107
Delay due to change in proposal related to laying of 220 kV Cable.	01-01-2022	31-01-2022	31	31
Extra scope of work for supply and fabrication of Monkey ladder	24-02-2022	26-03-2022	30	30
Delay in issuance of approval by Chief Electrical Inspector	28-12-2022	01-02-2023	36	36
Delay in issuance of FTC approval by HPSLDC	28-02-2023	02-03-2023	3	3
Rainfall at Site	01-07-2022	11-08-2022	41	41
Total			845	724

Total delay excluding non-overlapping delay days - 724

[Signature]
 General Manager (Projects)
 HPPTCL, Shimla-5

Interest on Total Loan (Rs. Lakh)	
Particulars	FY 2023-24
Opening (10% loan)	421.72
Addition	0.00
Repayment	28.60
Closing	393.12
Interest Rate (%)	10.00%
Interest	40.74

Depreciation (Rs. Lakh)	
Particulars	FY 2023-24
Net Opening GFA	4875.27
Addition	0.02
Net Closing GFA	4875.29
Average GFA	4875.28
Less: Land under full ownership	0.00
GFA excluding Land	4875.28
Depreciation Rate	5.28%
Depreciation	257.41

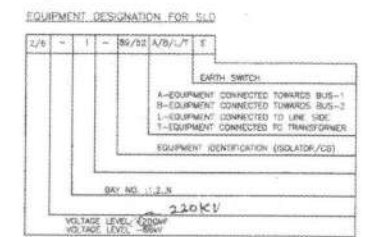
Computation of Repayment (Rs. Lakh)	
Total Debt Disbursement as on COD	4217.19

Debt as on COD (10% of the total disbursement - as per revised "on-lending agreement)	421.719
Interest free loan (80% of the total debt disbursement)	3373.752
Total Debt	3795.471

Repayment pertaining to Debt as on COD (10% of Total Disbursement)	28.60
Repayment pertaining to Interest free Debt (80% of Total Debt Disbursement)	228.81


 General Manager (Projects)
 HPPTCL, Shimla-5

Annexure - 7
 Excel sheet has been
 submitted via email
 dated .07.2025



SYSTEM PARAMETERS			
Sr No.	DESCRIPTION OF PARAMETER	220V SYSTEM	66KV SYSTEM
1	SYSTEM OPERATING VOLTAGE	220V	66KV
2	MAX. OPERATING VOLTAGE OF THE SYSTEM (rms)	245KV	72.5KV
3	RATED FREQUENCY	50Hz	50
4	NOL. OF PHASES	3	3
5	ALTITUDE	1485mts	
6	SAFETY CORRECTION FACTOR AT 1485 mtr.	PL & POWER PO-1.013	
7	RATED INSULATION LEVELS AT 1485 mtr.	1115 1115KV	2015 2015KV
8	(1) FULL WAVE LIGHTNING AMPULSE WITHSTAND VOLTAGE (1.2/50microsec.)	---	---
9	(2) SWITCHING IMPULSE WITHSTAND VOLTAGE (150/500microsec.) (LINE TERMINAL TO EARTH)	449 449KV	1149 1149KV
10	(3) (4) WAVE POWER FREQUENCY ONLY AND NET WITHSTAND VOLTAGE (15mins)	---	---
8	RATED SHORT CIRCUIT CURRENT/TIME	50KA/3sec.	40KA/3sec.
9	SYSTEM NEUTRAL, EARTHING	SINGLE PT (EARTHED)	DOUBLE (EARTHED)
10	MINIMUM CREEPAGE DISTANCE	31mm/KV	31mm/KV

56 KV AIS OUTDOOR EQUIPMENT		
1.	LIGHTNING ARRESTER 60KV, 10KA, Class -II	06
2.	22C/66KV, 50/63 MVA, 11kV, ONAN/ONAF, 34 784°C, 302kV	02

ITEM	DESCRIPTION	QUANTITY
1.	220KV TRAPD BAY	2SET
2.	66KV TRAPD BAY	20SET
3.	66KV BUS COUPLER BAY	1SET
4.	66KV LINC. BAY	2SET

begin with all symbols shown / listed in the set should be shown.

NOTE:- ALL PROVISIONS SHALL BE AS PER APPROVED 66 KV DRAWINGS FOR HEILING 8/3th.


General Manager (Projects)
HPTOL Shimizu

Approved subject to correction.

Assistant Engineer
O/o DGM & Head Trans Dist:
HPPTCL Anu, Namrupur (H.P.)

Sr. Manager
O/o DGM & Head Trans Design
J.P.T.C.I. Anu, Hamirpur (H.P.)

AGM & Head Trans Design
APPTC: 2000, 2001, 2002, 2003, 2004

LEGENDS -		PRESENT SCOPE NOT IN QS SCOPE AIR INSULATED SWITCHGEAR GAS INSULATED SWITCHGEAR		REFERENCE DRAWING:- 1. SINGLE LINE DIAGRAM FOR 400/220/33 KV QS SUB STATION AT GUMMA 2. SINGLE LINE DIAGRAM OF 220/66 KV QS SUB STATION AT GUMMA (A005.)		LEGEND	
REV	NO	DESCRIPTION	DATE	BY	CHECKED	DATE	BY
1	1						

HIMACHAL PRADESH POWER TRANSMISSION CORPORATION LTD.	
PROJECT: DESIGN, ENGINEERING, MANUFACTURE FROM SCOTIA TESTING AT MANUFACTURER'S WORKS, TRANSPORTATION TO SITE, INSURANCE, COMMISSIONING, TESTING AND COMMISSIONING OF 400/220 KV SUB STATION JAVING 200 MVA OF QS EQUIPMENT, 2 X 220/66 KV, 110KV THREE PHASE TRANFORMER, AND OTHER PARTS OF THE EQUIPMENT AND ACCESSORIES, WORKS IN THE NAME OF HARYANADIA POWER CORP. AT GUMMA (PRESENT OFFICE) OF HIMACHAL PRADESH POWER TRANSMISSION CORP. (BIDD COMPLETE PACKAGE)	
DRAWN: / A005 / 06/02/2004 GKS GUMMA / 2004-09-22-23-30	
TITLE: KEY SINGLE LINE DIAGRAM AT 220/66KV GUMMA	
AC 	DE SIGN: 06/02/2004 1310 (Drawing) ALISTON PAB NADA LTD J-7, SECTOR-66 NO. 1, 200-201 UTTAM PRADESH (India)
DATE: / / DRAWN: / / BY: / / CHECKED: / / APPROVED: / / STATUS:	DRAWING No: GUM-220-SLD-SPT-SL-0201 TOTAL No: 1 1st No: 1 2nd No: 0