

**BEFORE THE HON'BLE HIMACHAL PRADESH ELECTRICITY
REGULATORY COMMISSION, SHIMLA.**

In

Petition No. 101 of 2024

IN THE MATTER OF:

FILING OF MYT PETITION FOR APPROVAL OF CAPITAL COST AND DETERMINATION OF TARIFF FOR 400/220 kV, 315 MVA POOLING SUBSTATION AT GUMMA (ASSET-1), ADDITIONAL 400/220 kV, 315 MVA TRANSFORMER AT GUMMA (ASSET-2), 220 kV D/C TWIN MOOSE T/L FROM HATKOTI TO GUMMA ALONG WITH LILO OF 400 kV D/C JHAKRI TO ABDULLAPUR T/L (ASSET-3) AND 220 kV SWITCHING STATION AT HATKOTI (ASSET-4) FOR THE PERIOD STARTING FROM COD TO FY 2023-24 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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Place: - Shimla


General Petitioner
HPPTCL, Tutikandi Shimla-5

Dated: -09.06.2025

**BEFORE THE HON'BLE HIMACHAL PRADESH ELECTRICITY
REGULATORY COMMISSION, SHIMLA.**

In

Petition No. 101 of 2024

IN THE MATTER OF:

FILING OF MYT PETITION FOR APPROVAL OF CAPITAL COST AND DETERMINATION OF TARIFF FOR 400/220 kV, 315 MVA POOLING SUBSTATION AT GUMMA (ASSET-1), ADDITIONAL 400/220 kV, 315 MVA TRANSFORMER AT GUMMA (ASSET-2), 220 kV D/C TWIN MOOSE T/L FROM HATKOTI TO GUMMA ALONG WITH LILO OF 400 kV D/C JHAKRI TO ABDULLAPUR T/L (ASSET-3) AND 220 kV SWITCHING STATION AT HATKOTI (ASSET-4) FOR THE PERIOD STARTING FROM COD TO FY 2023-24 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

Reply on behalf of the Petitioner to the Queries raised by the Hon'ble Commission vide letter dated 02.5.2025 to the Petition No. 101 of 2024 filed by the Petitioner.

Respectfully Showeth;

1. That the Petitioner has filed the above titled Petition for Approval of Capital Cost and Determination of Tariff from COD to FY 2023-24 for 400/220 kV, 315 MVA Pooling Substation at Gumma (Asset-1), Additional 400/220 kV, 315 MVA Transformer at Gumma (Asset-2), 220 kV D/C Twin Moose T/L from Hatkoti to Gumma along with LILO of 400 kV D/C Jhakri to Abdullapur T/L (Asset-3) and 220 kV Switching Station at Hatkoti (Asset-4).
2. The Petitioner do hereby humbly submit the point wise reply to the data gaps raised by the Hon'ble Commission vide letter dated 02.05.2025 are as under:

Common Queries:

ATTESTED

RANI THAKUR
Advocate cum Notary Public
New Meditation House
Upper Chakkar Shimla

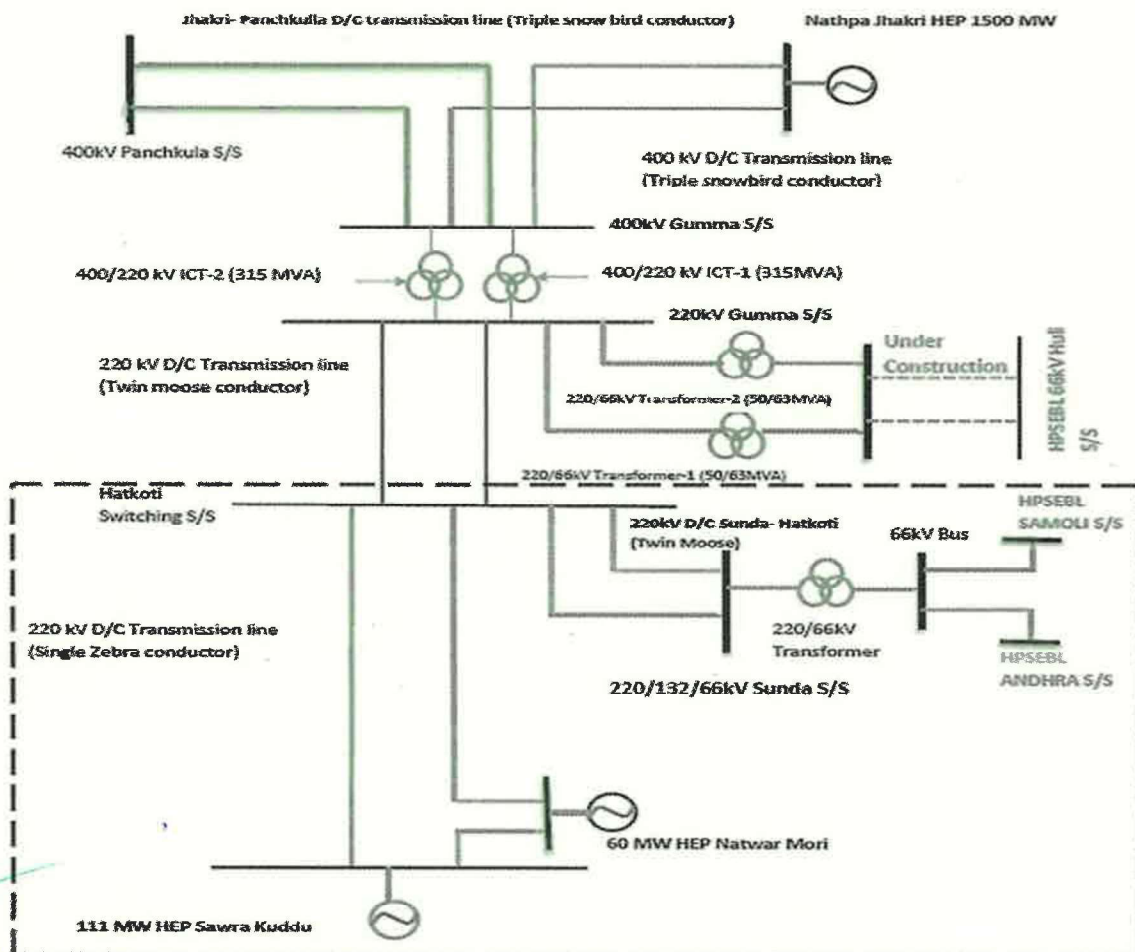


1) In response to Query No. 01 of letter dated 05.06.2023, it has been submitted that LTA was signed between the HPPTCL & the HPPCL on dated 22.10.2020, and as per said agreement, power from Sawara-Kuddu HEP (111 MW) is to be evacuated through following Transmission system:

- a. **220 kV D/C Transmission Line from Snail to Hatkoti**
- b. **220 kV Switching Station at Hatkoti**
- c. **220 kV D/C Transmission Line from Hatkoti Switching Station to 220/400 kV Gumma Substation**
- d. **220/400 kV, 2x315 MVA Substation at Gumma with LILO of both circuits of 400 kV Jhakri-Abdullapur D/C Transmission Line**

In this context, please clarify as to how the HPSEBL is drawing its share of power in Sawara-Kuddu HEP (111 MW) with facts and figures.

Reply: The Petitioner humbly submits that the Sawara Kuddu HEP is interconnected with HPPTCL system at 220 kV level at Snail through its switchyard. The power is injected into HPPTCL system. Thereafter based on operational scenario some power is utilized within Pabbar valley and rest is injected to ISTS system which is drawn by HPSEBL at various other ISTS peripheral points across state. Sawra-Kuddu HEP is connected to HPSEBL system at Andhra and Samoli vide transmission network depicted below inside dotted block:



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New Meditation House
Upper Chakkar Shimla

- 2) In response to Query No. 01 of letter dated 20.01.2024, it has been submitted that in addition to the LTA signed with HPPCL and SJVNL, the HPSEBL was intimated vide letter dated 02.09.2023 that 220/66 kV, 2x50/63 MVA transformer at Gumma has been charged on 22.05.2023. However, it has been further informed that the downstream works for LILO of 66 kV Sainj-Huli line have not been yet completed by the HPSEBL. In this regard, please submit the detail of LTA executed with the HPSEBL for drawing power at Gumma Sub-station.

Reply: It is humbly submitted that the detail of TSA executed with the HPSEBL for drawing power at Gumma Sub-station is attached as **Annexure-1**.

- 3) Vide Para No. 3.2.3 of the Petition it has been submitted that currently around 68.45 MW of power is being received at Hatkoti Switching Station from Sunda-Hatkoti line which is being supplied to the HPSEBL. In this regard, please clarify how the Assets- 1 to 4 of this Petition is being used in supplying 68.45 MW of power to the HPSEBL.

Reply: The Petitioner humbly submits that 220/66 kV Sunda Substation alongwith 220kV D/C Sunda-Hatkoti Transmission line in addition to Hatkoti Switching Station is used to evacuate surplus HPSEBL power from Sunda area and also to draw power in case of deficit. In addition to above, Asset 1, 2 & 3 of Petition i.e. 400/220kV,315MVA Pooling Station at Gumma, Addl. 400/220kV,315MVA Transformer at Gumma & 220kV D/C Hatkoti-Gumma Transmission line alongwith LILO of 400kV D/C Jhakri to Abdullapur Transmission line are part of Intra-state network since primary beneficiary of this entire system is Sawra Kuddu HEP of HPPCL which has PPA with the State Discom. Even as per present scenario i.e. non-completion of downstream works for LILO of 66kV Sainj-Huli line, HPSEBL is drawing/evacuating power from this system as per operational conditions.

- 4) After the downstream works for LILO of 66 kV Sainj-Huli line are completed, please clarify how 400/220 kV, 315 MVA Pooling Sub-station at Gumma (Asset-1), Additional 400/220 kV, 315 MVA Transformer Bank at Gumma (Asset-2), and LILO of 400 kV D/C Jhakari to Abdullapur Transmission Line (part of Asset-3) are part of the Intra-State Transmission network, as they are connected to the PGCIL's Inter-state Transmission network.

Reply: The Petitioner humbly submits that Asset 1 ,2 and 3 are part of Intra-

ATTES state network since primary beneficiary of this entire system is Sawra Kuddu

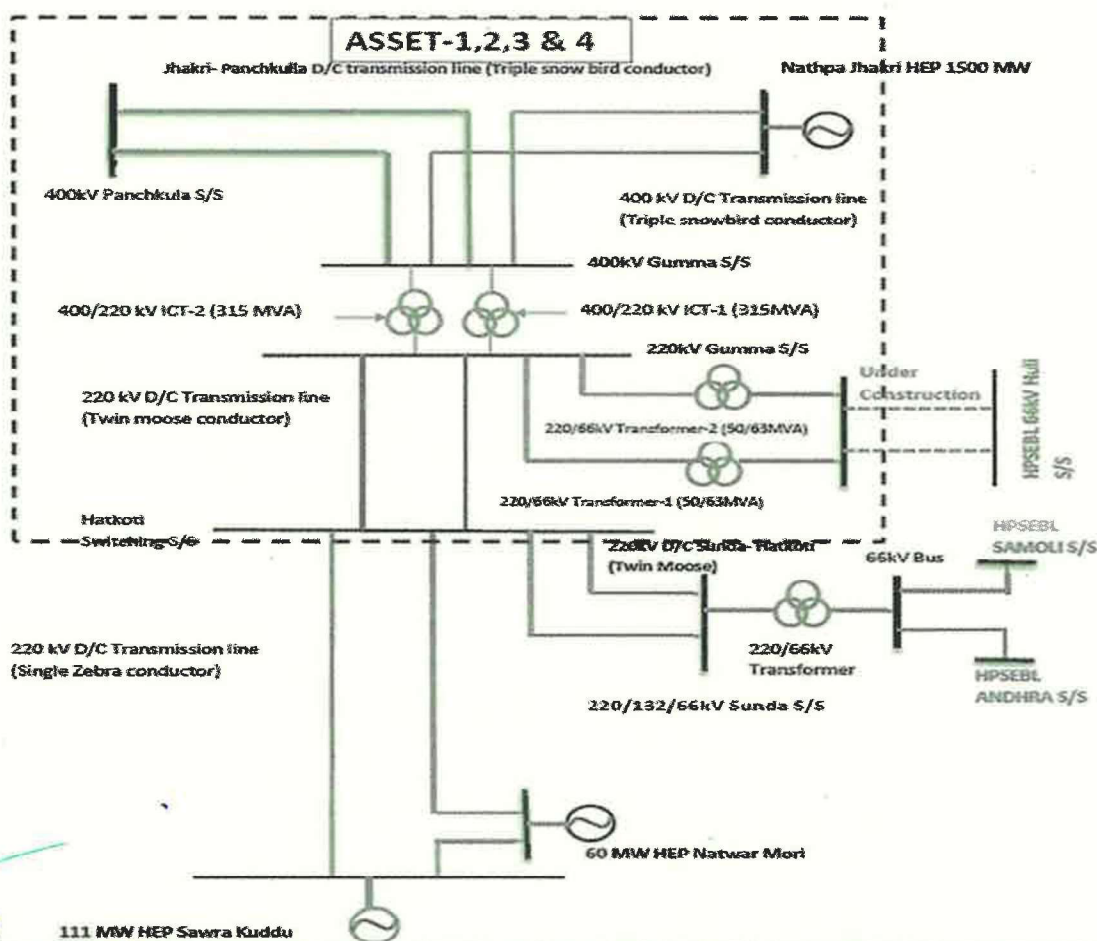
RANI THAKUR
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HEP of HPPCL which has PPA with State Discom. In addition, the 220/66 kV Sunda Substation is also being used to evacuate surplus HPSEBL power from Sunda area and also to draw power in case of deficit. Upon completion of downstream works of LILO of 66kV Sainj- Huli line, HPSEBL will have additional drawl point to supply power to consumers either from Sawara Kuddu HEP or from ISTS grid as per operational conditions.

5) As the downstream works for LILO of 66 kV Sainj-Huli line are pending to be completed, therefore, please clarify as to how these Assets-1 to 4 considered in this Petition are currently being used as part of Intra-state Transmission network, as majorly power from the Sawara-Kuddu HEP (111 MW) and Natwar-Mori HEP (60 MW) are being sent to PGCIL's Inter-state Transmission network through LILO of 400 kV D/C Jhakari to Abdullapur Transmission Line.

Reply: The Petitioner humbly submits that the Asset 1, 2 and 3 are part of Intra-state network since primary beneficiary of this entire system is Sawra Kuddu HEP of HPPCL which has PPA with the State Discom. In addition the 220/66 kV Sunda Substation is also being used to evacuate surplus HPSEBL power from Sunda area and also to draw power in case of deficit. Even without completion of downstream works for LILO of 66kV Sainj-Huli line, HPSEBL is drawing/evacuating power from this system as per operational conditions. At present, the Assets 1 to 4 are connected to HPSEBL system at Andhra and Samoli through 220kV Sunda-Hatkoti line and Sunda S/S as depicted below:



ATTESTED

RANI THAKUR

Advocate cum Notary Public
New Meditation House
Upper Chakkar Shimla

6) In response to Query No. 03 of letter dated 27.09.2024, the cost of land acquired from the private parties of Rs. 3.43 Cr for Asset-1 has been submitted, which is freehold land. In this context, please clarify as to why this amount of Rs. 3.43 Cr against land under full ownership is not considered while calculating Depreciation as per Table No. 27 of the Petition.

Reply: The Petitioner humbly submits that the Petitioner inadvertently missed out to consider the said cost and requests the Hon'ble Commission to consider the revised Table 27 as per below:

Particulars	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Opening GFA	20890.77	20894.63	20956.204	20957.204
Grant	0.00	0.00	0.00	0.00
Net Opening GFA	20890.77	20894.63	20957.204	20957.204
Addition	3.86	61.57	0.00	19.51
Net Closing GFA	20894.63	20956.20	20957.204	20976.714
Average GFA	20892.70	20925.417	20957.204	20966.96
Less: Land under full ownership	343.30	343.30	343.30	343.30
GFA excluding Land	20549.40	20582.117	20613.904	20623.66
Depreciation Rate	4.86%	4.86%	4.86%	4.86%
Depreciation	998.701	1000.291	1001.84	1002.31


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

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.....PETITIONER

Affidavit verifying the Petitioner

Manoj Kumar S/o of Shri Kishan Chand aged about 58 years, presently working GM(C&D), Himachal Pradesh Power Transmission Corporation, Shimla-5 do hereby solemnly affirm and declare as under:

1. That I am duly authorised by the competent authority to file this reply on behalf of the Petitioner Corporation.
2. That the accompanying reply has been prepared and drafted at my instance and under my instructions. The contents of the rejoinder to the Reply/Objections by Respondent are true and correct to the best of my knowledge based on official record, no part of it is false and nothing material has been concealed there from.
3. The deponent further declares that this affidavit of mine is true and correct to the best of my knowledge.

Verified at Shimla on this the 2nd day of June 2025.

Certified that the above/overleaf who was declared before me on solemn affirmation at Shimla in the District of Shimla by Sh. Manoj Kumar who is personally known to me and whose contents of the affidavit are duly read and explained to the deponent, a Magistrate who admitted the contents thereof to be true.

DEPONENT

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



ATTACHED
RANI THAKUR
Advocate cum Notary Public
New Meditation House
Upper Chakkar Shimla

Identified by

Devi Thakur
2/6/2025



सत्यमेव जयते

INDIA NON JUDICIAL

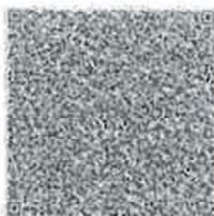
Government of Himachal Pradesh

₹100

e-Stamp

Certificate No. : IN-HP06113622583189V
 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 TRASNMISSION CORPORATION LTD
 Second Party : HIMACHAL PRADESH STATE ELECTRCITY BOARD LTD
 Stamp Duty Paid By : H P POWER TRASNMISSION CORPORATION LTD
 Stamp Duty Amount(Rs.) : 100
 (One Hundred only)

₹100



SELF PRINTED CERTIFICATE TO BE
VERIFIED BY THE RECIPIENT AT
WWW.SHCILESTAMP.COM

IN-HP06113622583189V

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.

Page 1 of 8



[Signature]

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

Boundary Area

1. The authenticity of this document should be verified at HPPTCL, Tutikandi Shimla-5.
2. The cost of stamping is to be paid by the purchaser of the document.
3. In case of any discrepancy between the document and the original, the original shall prevail.

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

General Manager (C&D)
HPPTCL, Tutikandi 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.

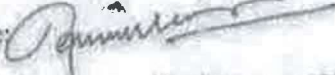


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General Manager (C&D)
HPPTCL, Tutikandi Shimla-5


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

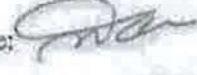
For and on the behalf of HPPTCL

Signature: 
Name: **Rajinder Kumar**
Designation: **General Manager (C&D)
HPPTCL, Tutikandi Shimla-5**

Witness

Signature: 
Name: **Dr. S.K. SHARMA**
Designation: **DGM (Pg. & IT)**

For and on the behalf of HPSEBL

Signature: 
Name: **Anil Garg**
Designation: **Chief Engineer (System Operation)
H.P. State Electricity Board Ltd.
Vidyut Bhawan, Shimla-171004**

Witness

Signature: 
Name: **Rajiv Kumar Verma**
Designation: **SE (I/S)**


General Manager (C&D)
HPPTCL, Tutikandi 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 Phoial	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 C	79.634	
	Grand Total (A+B+C)	180.483	



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

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[Signature]
General Manager (C&D)
HPPTCL, Tutikandi 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 = 2x315 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	



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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 Korla Transmission line.	23	Completed **
	Total	135.29	

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

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



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