

**BEFORE
THE CENTRAL ELECTRICITY REGULATORY
COMMISSION, NEW DELHI**

PETITION FOR

Determination of Transmission Tariff from 01.04.2014 to 31.03.2019

Of

Asset I: 220 kV S/C Jassure- Ranjitsagar T/L

Asset II: 220 kV D/C Majri – Khodri T/L

Asset III: 220 kV D/C Kunihar – Panchkula T/L

Under CERC (Terms and Conditions of Tariff) Regulations, 2014

220 kV system for Northern Grid

For tariff block 2014-19 period in Northern Region

Petition No. :

Tariff Block- 2014-2019



H.P. Power Transmission Corporation Limited

April 2014



BEFORE
THE CENTRAL ELECTRICITY REGULATORY COMMISSION
NEW DELHI

PETITION NO.:

IN THE MATTER OF:

Approval under CERC (Terms and Condition of Tariff) Regulations, 2014 for determination of Transmission Tariff for:

Asset I: 220 kV S/C Jassure- Ranjitsagar T/L

Asset II: 220 kV D/C Majri – Khodri T/L

Asset III: 220 kV D/C Kunihar – Panchkula T/L

associated with 220 kV system for Northern Grid, for Tariff block 2014-19 period in Northern Region.

IN THE MATTER OF:

H.P. Power Transmission Corporation Limited

----- Petitioner

Registered office:

Barowalias House,
Khalini, Shimla-2



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ABBREVIATIONS

CERC	Central Electricity Regulatory Commission
CEA	Central Electricity Authority
CTU	Central Transmission Utility
GoHP	Government of Himachal Pradesh
HPERC	Himachal Pradesh Electricity Regulatory Commission
HPSEB	Himachal Pradesh State Electricity Board
HPSEBL	Himachal Pradesh State Electricity Board Limited
HPPTCL	Himachal Pradesh Power Transmission Corporation Limited
ISTS	Inter-state Transmission System
IPP	Independent Power Producers
PSU	Public Sector Undertakings
STU	State Transmission Utility

1. Petition Background

- 1.1 H.P. Power Transmission Corporation Limited (hereinafter referred to as "HPPTCL" or "the Petitioner") was intimated by Himachal Pradesh State Electricity Board Limited (HPSEBL) vide its letter No. HPSEBL/CE(SOP)/IS-214(b)/2012-160-61 dated 23.04.2012 to undertake necessary action on Hon'ble CERC's order dated 14.03.2012 regarding determination of tariff of the inter-State transmission line connecting two States. A copy of the order is enclosed as **Annexure-I**.
- 1.2 The order referred to the definition of "Inter-State transmission system" under Section 2 (36), of the Electricity Act 2003, reproduced as under
- "2(36) inter-State transmission system includes-
- (i) Any system for the conveyance of electricity by means of main transmission line from the territory of one State to another state;
 - (ii) the conveyance of electricity across the territory of any intervening State as well as conveyance within the State which is incidental to such inter-State transmission of electricity;
 - (iii) the transmission of electricity within the territory of a State on a system built, owned, operated, maintained or controlled by a Central Transmission Utility;"
- 1.3 It was conveyed by the Hon'ble Commission that the conveyance of electricity from territory of one State to another State is also considered to be a part of inter-State transmission system. Further, it was also stated that in terms of Section 79(1) (d) of the Act, the tariff of these lines are also required to be determined by the Central Commission.
- 1.4 It was also stated that some of the owners/developers of the inter-State transmission lines of 132 kV and above in North Eastern Region and 220 kV and above in Northern, Eastern, Western and Southern regions have approached the implementing Agency for including their transmission assets in computation of Point of Connection under CERC (Sharing of inter-State Transmission Charges and Losses) Regulations, 2010.
- 1.5 As a first step towards inclusion of non-ISTS lines in the PoC transmission charges, the Commission proposed to include select transmission lines connecting two States, including four transmission lines of Himachal Pradesh, for computation of PoC transmission charges and losses. The Hon'ble Commission also stated as per order no. 15/Suo-Motu/2012 dated 14.03.2012 that for disbursement of transmission charges, tariff for such assets needs to be approved by the Hon'ble Commission in accordance with the provisions of Sharing Regulations. Accordingly, the Hon'ble Commission directed the owners of the inter-State transmission lines to file appropriate application before the Commission for determination of tariff for facilitating disbursement.
- 1.6 Following three transmission lines, owned by the Petitioner, have been included in the list of inter-State lines of 220 kV enclosed with the CERC order:

Sr.No.	From	To	Voltage (kV)	Connecting States
1.	Majri	Khodri	220	Himachal Pradesh- Uttarakhand
2.	Jassure	Ranjitsagar	220	Himachal Pradesh- Punjab
3.	Kunihar	Panchkula	220	Himachal Pradesh- Haryana



- 1.7 The transmission line from Kunihar to Panchkula is LILO at Baddi and hence, as per the order of Hon'ble Commission, it was directed to file the separate petitions for the two lines i.e. Baddi to Panchkula and Kunihar to Panchkula. However, since the petitioner has been filing the petitions for all the inter-state transmission lines together. Hence, the calculation has been done individually and then combined to form a single petition with Kunihar to Panchkula being a single transmission element comprising 3 components, namely: Baddi to Panchkula, Kunihar to Panchkula and LILO at Baddi.
- 1.8 As directed, the Petitioner has filed this tariff petition for determination of tariff for the three transmission lines mentioned above in accordance with the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2014.

2. Introduction of HPPTCL

- 2.1 The H.P. Power Transmission Corporation Limited is a deemed licensee under first, second and fifth provisions of Section 14 of the Electricity Act, 2003 for transmission of electricity in the State of Himachal Pradesh.
- 2.2 HPPTCL was formed through an order notified by the Government of Himachal Pradesh (hereinafter referred to as "GoHP") vide its notification No. MPP-A-(1)-4/2006-Loose, dated 11 September, 2008.
- 2.3 Through notification No. MPP-A-(1)-4/2006-Loose dated 3 December, 2008 read with the GoHP's earlier notification dated 31 October, 2008, HPPTCL was entrusted with the following work / business with immediate effect:
- 1) All new works of construction of Sub-Stations of 66 kV and above.
 - 2) All new works of laying/ construction of transmission lines of 66 kV and above.
 - 3) Formulation, updation, execution of Transmission Master Plan for the state for strengthening of Transmission network and evacuation of power including new works under schemes already submitted by the Himachal Pradesh State Electricity Board (HPSEB) under this plan to the Financial Institutions for funding and where loan agreements have not yet been signed.
 - 4) All matters relating to planning and co-ordinations of the transmission related issues with CTU, CEA, Ministry of Power, State Government and HPSEBL.
 - 5) Planning and co-ordination with the IPPs/ CPSUs/ State PSUs/ Other Departments or organizations or agencies of the Central Government and State Government, HPSEBL and HPPCL with regard to all transmission related issues.
 - 6) All other matter of subject that the State Government may specifically assign to the Corporation from time to time.
- 2.4 HPPTCL was declared the State Transmission Utility (STU) by the GoHP vide its order dated 10th June, 2010 and as a result thereof the Hon'ble HPERC recognized HPPTCL as a deemed "Transmission Licensee" as per the Commission's Order dated 31st July, 2010 in Petition No. 32 of 2010 filed by HPPTCL under Sections 14 and 15 of the Act, for grant of Transmission License in the State of Himachal Pradesh. Prior to FY 11, the transmission tariff was being determined as a part of the tariff orders applicable to HPSEBL system.
- 2.5 State Government of Himachal Pradesh also transferred and vested in HPPTCL the ownership, operation and maintenance of Transmission lines of 66 kV and above owned by the HPSEBL including the co-ordination of the lines owned and operated by Power Grid Corporation of India Ltd. (PGCIL), Independent Power Producers (IPPs), Haryana Vidyut Prasaran Nigam Limited (HVPNL) and Power Com (PSEB) vide its notification No. MPP-A (3)-1/2001-IV, dated 21st June, 2010 read with earlier notification of even number dated 10th June, 2010. In compliance of these orders of the State Government, HPSEBL provided the details of Transmission network along with the asset value which were transferred to HPPTCL vide letter No.-HPSEBL/CE (ES)/AU-4/2010-6220-25, dated 6th September, 2010.



3. Overall Approach for Present Filing

- 3.1 The Petitioner had earlier filed tariff petitions for determination of tariff for three lines - 220 kV Majri-Khodri line, 220 kV Jassure to Ranjitsagar Line and 220 kV Kuniyar-Panchkula line, in accordance with the CERC (Terms and Conditions of Tariff), Regulations 2009 for the 2nd Control Period (FY 2011-12 to FY 2013-14) vide Petition No. 210/TT/2013, 211/TT/2013 and 209/TT/2013 respectively.
- 3.2 Further, it is submitted that the transmission charges for the above mentioned lines have already been approved by the Himachal Pradesh Electricity Regulatory Commission (HPERC) for the 2nd Control Period (FY 2011-12 to FY 2013-14). The same are accordingly being levied by the petitioner.
- 3.3 Considering this aspect, the petitioner had submitted the application to withdraw the tariff petitions from CERC as the tariffs for these lines had already been decided till FY 2013-14 by HPERC.
- 3.4 The petitions for the said lines is now being filed afresh before the Hon'ble CERC for the Control Period 2014-19 and the petitioner has filed the petition for FY 2014-15 to FY 2018-19 for the rest of the intra-state lines before the HPERC (excluding these three above mentioned lines).

4. Assets under Consideration

4.1 The assets under consideration for this petition before Hon'ble Commission includes following inter-state transmission lines –

- 1) 220 kV S/C Jassure-Ranjitsagar transmission line connecting the states of Himachal Pradesh and Punjab commissioned in March 2001.
- 2) 220 kV D/C Majri-Khodri transmission line connecting the states of Himachal Pradesh and Uttarakhand commissioned in September 1989.
- 3) 220 kV D/C Kunihar-Panchkula transmission line connecting the sates of Himachal Pradesh and Haryana commissioned in May 1989.

Other important details of the above mentioned inter-state transmission lines are as presented in the table below.

Sr. No.	Name of the line	Type of line (AC/HVDC)	S/C or D/C	Voltage level (kV)	Line length (Km)	Capital Cost (Rs Lakhs)	Maximum Power Flow (MW)
1	220 kV S/C Jassure-Ranjitsagar Line	AC	S/C	220	25.602	1900.11	25
2	220 kV D/C Majri-Khodri Line	AC	D/C	220	35.02	6398.15	120
3	220 kV D/C Kunihar-Panchkula Line		D/C	220	46.72	8535.74	80
a	220 kV D/C Kunihar-Baddi Line	AC	D/C	220	26.015		
b	220 kV D/C Baddi-Panchkula Line	AC	D/C	220	15.645		
c	LILO Portion at Baddi	AC	S/C	220	5.06		

*The capital cost of the above mentioned lines is as per the audited values. The copy of the same is provided in Annexure II as well.

5. Components of Transmission Tariff

5.1 Depreciation

5.1.1 As per the CERC (Terms & Conditions for Tariff) Regulations, 2014, the term “Depreciation” has been described as below –

“Depreciation shall be computed from the date of commercial operation of a generating station or unit thereof or a transmission system including communication system or element thereof. In case of the tariff of all the units of a generating station or all elements of a transmission system including communication system for which a single tariff needs to be determined, the depreciation shall be computed from the effective date of commercial operation of the generating station or the transmission system taking into consideration the depreciation of individual units or elements thereof.

Provided that effective date of commercial operation shall be worked out by considering the actual date of commercial operation and installed capacity of all the units of the generating station or capital cost of all elements of the transmission system, for which single tariff needs to be determined.

The value base for the purpose of depreciation shall be the capital cost of the asset admitted by the Commission. In case of multiple units of a generating station or multiple elements of transmission system, weighted average life for the generating station of the transmission system shall be applied. Depreciation shall be chargeable from the first year of commercial operation. In case of commercial operation of the asset for part of the year, depreciation shall be charged on pro rata basis.

The salvage value of the asset shall be considered as 10% and depreciation shall be allowed up to maximum of 90% of the capital cost of the asset:

Provided that in case of hydro generating station, the salvage value shall be as provided in the agreement signed by the developers with the State Government for development of the Plant:

Provided further that the capital cost of the assets of the hydro generating station for the purpose of computation of depreciated value shall correspond to the percentage of sale of electricity under long-term power purchase agreement at regulated tariff:

Provided also that any depreciation disallowed on account of lower availability of the generating station or generating unit or transmission system as the case may be, shall not be allowed to be recovered at a later stage during the useful life and the extended life.

Land other than the land held under lease and the land for reservoir in case of hydro generating station shall not be a depreciable asset and its cost shall be excluded from the capital cost while computing depreciable value of the asset.

*Depreciation shall be calculated annually based on Straight Line Method and at rates specified in **Appendix-II** to these regulations for the assets of the generating station and transmission system:*

Provided that the remaining depreciable value as on 31st March of the year closing after a period of 12 years from the effective date of commercial operation of the station shall be spread over the balance useful life of the assets.

In case of the existing projects, the balance depreciable value as on 1.4.2014 shall be worked out by deducting the cumulative depreciation as admitted by the Commission up to 31.3.2014 from the gross depreciable value of the assets.

The generating company or the transmission license, as the case may be, shall submit the details of proposed capital expenditure during the fag end of the project (five years before the useful life) along with justification and proposed life extension. The Commission based on prudence check of such submissions shall approve the depreciation on capital expenditure during the fag end of the project.

In case of de-capitalization of assets in respect of generating station or unit thereof or transmission system or element thereof, the cumulative depreciation shall be adjusted by taking

into account the depreciation recovered in tariff by the decapitalized asset during its useful services.”

- 5.1.2 The gross value of the 3 inter-state transmission lines i.e. 220 kV S/C Jassure-Ranjitsagar Line, 220 kV D/C Majri-Khodri Line and 220 kV D/C Panchkula-Kunihar line was Rs 16834 Lakhs , as per the assets transferred to HPPTCL by HPSEBL in June 2010.
- 5.1.3 Considering the useful life of 35 years for the transmission lines, as mentioned in CERC (Terms & Conditions of Tariff) Regulations 2014, all 3 inter-state transmission lines had reached to their respective salvage value. The accumulated depreciation for these lines up to FY 2013-14 was Rs 5200.39 Lakhs. For FY 2014-15 to FY 2018-19 the depreciation is claimed as per the CERC tariff regulations. The calculation of the accumulated depreciation for the lines is as per the letter no. HPERC/480 (A)-Vol-I/HPPTCL/768 dated 07.06.2013. The same has been provided in Annexure III.
- 5.1.4 The total depreciation and closing block for the three transmission lines for the Control period FY 2014-15 to FY 2018-19 is as presented in the table below –

Combined Depreciation (for 3 Inter-state Transmission Lines of HPPTCL)						
Depreciation Details	FY 13-14	FY 14-15	FY 15-16	FY 16-17	FY 17-18	FY 18-19
Gross value	16834.0					
Accumulated Depreciation	5208.15					
Depreciation During the Year	451.71	451.71	451.71	451.71	451.71	451.71

5.2 Interest on Loan Capital

- 5.2.1 At present, there is no loan outstanding on the three transmission lines and hence no interest on the loan capital is claimed by the petitioner

5.3 Return on Equity

- 5.3.1 As per the CERC (Terms & Conditions for Tariff) Regulations, 2014, Return on Equity is mentioned as –

“Return on equity shall be computed in rupee terms, on the equity base determined in accordance with regulation 19. Return on equity shall be computed at the base rate of 15.50% for thermal generating stations, transmission system including communication system and run of the river hydro generating station, and at the base rate of 16.50% for the storage type hydro generating stations including pumped storage hydro generating stations and run of river generating station with pondage”.

- 5.3.2 As the petitioner is not holding any equity in the assets transferred to it by HPSEBL, return on equity has not been claimed for 3 inter-state transmission lines in the petition.

5.4 Interest on Working Capital

- 5.4.1 Working capital for transmission under the CERC (Terms & Conditions for Tariff) Regulations 2014 covers -

1. Receivables equivalent to two months of fixed cost.

2. Maintenance spares @ 15% of operation and maintenance expenses
3. Operation and maintenance expenses for one month.

Working capital for the asset under consideration is as follows.

Combined Interest for Working Capital (for 3 Inter-state Transmission Lines of HPPTCL)					
Particular	FY	FY	FY	FY	FY
	2014-15	2015-16	2016-17	2017-18	2018-19
	(Rs. Lakhs)	(Rs. Lakhs)	(Rs. Lakhs)	(Rs. Lakhs)	(Rs. Lakhs)
Receivables(Two months of fixed cost)	82.25	82.43	82.62	82.79	83.00
Maintenance Spares(@ 15% of O&M Expenses)	4.49	4.64	4.80	4.95	5.13
O&M Expenses(for one month)	2.49	2.58	2.67	2.75	2.85
Total Working Capital	89.24	89.65	90.09	90.50	90.97
Rate of Interest	13.3%	13.3%	13.3%	13.3%	13.3%
Interest on working Capital	11.87	11.92	11.98	12.04	12.10

5.4.2 As per the CERC (Terms & Conditions for Tariff) Regulations 2014, the rate of interest on working capital shall be on normative basis and shall be considered as the bank rate as on 1.4.2014 or as on 1st April of the year during the tariff period 2014-15 to 2018-19 in which the generating station or a unit thereof or the transmission system including communication system or element thereof, as the case may be, is declared under commercial operation, whichever is later.

Also, the Bank rate is defined as "base rate of interest as specified by the State Bank of India from time to time or any replacement thereof for the time being in effect plus 350 basis points".

5.4.3 Accordingly, the rate of interest has been taken at 13.3% (base rate of 9.80% plus 350 basis points) and interest on working capital has been calculated as Rs 11.79 Lakhs for FY 2014-15, Rs 11.83 Lakhs for FY2015-16, Rs 11.88 Lakhs for FY 2016-17, Rs 11.92 Lakhs for FY 2017-18 and Rs 11.97 Lakhs for FY 2018-19 respectively.

5.5 O&M Expenses

5.5.1 While calculating the total O&M expenses incurred for 3 inter-state transmission lines, normative operation and maintenance expenses admissible for the transmission system as per the CERC (Terms & Conditions of Tariff) Regulations 2014 have been considered for Single Circuit (Single Conductor) & Double Circuit (Single Conductor).

5.5.2 Clause (3)(a) of Regulation 29 of the CERC (Terms & Conditions of Tariff) Regulations 2014 prescribes the norms for operation and maintenance expenses for the transmission system based on the type of sub-station and type of AC/HVDC line. Norms prescribed in respect of the elements covered in the instant petition are as under:-

Particular	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
	(Rs. Lakhs/Km)	(Rs. Lakhs/Km)	(Rs. Lakhs/Km)	(Rs. Lakhs/Km)	(Rs. Lakhs/Km)
Single Circuit (Single Conductor)	0.202	0.209	0.216	0.223	0.230
Double Circuit (Single Conductor)	0.303	0.313	0.324	0.334	0.346



Based on the norms specified the total O&M expenses shall be as follows –

Combined O&M Expenses (for 3 Inter-state Transmission Lines of HPPTCL)					
Particulars	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
AC Single Circuit Line- Single Conductor (Rs Lakhs/Km)	0.202	0.209	0.216	0.223	0.230
AC Double Circuit Line - Single Conductor (Rs Lakhs/Km)	0.303	0.313	0.324	0.334	0.346
Single Circuit Line Length (Kms)	25.602	25.602	25.602	25.602	25.602
Double Circuit Line Length (Kms)	76.680	76.680	76.680	76.680	76.680
LILO Portion AC Single Circuit Line- Single Conductor (Rs Lakhs/Km)	0.303	0.313	0.324	0.334	0.346
LILO portion Line Length (Km)	5.060	5.060	5.060	5.060	5.060
O&M Expenses for single circuit line	5.172	5.351	5.530	5.709	5.888
O&M Expenses for double circuit line	23.234	24.001	24.844	25.611	26.531
O&M expenses for LILO portion	1.533	1.584	1.639	1.690	1.751
Total O&M Expenses (Rs Lakhs)	29.939	30.935	32.014	33.010	34.171

6 Determination of Annual Fixed Cost

- 6.1 The tariff for transmission of electricity on inter-state transmission system shall comprise transmission charge for recovery of annual fixed cost consisting of the components specified in Regulation 21 of the CERC Terms & Conditions for Tariff Regulations 2014.
- 6.2 The capacity charges shall be derived on the basis of annual fixed cost. The annual fixed cost for a transmission system including communication system shall consists of following components –
- (a) Return on Equity,
 - (b) Interest on Loan Capital,
 - (c) Depreciation,
 - (d) Interest on Working Capital, and
 - (e) Operation and maintenance expenses.

The tariff for block 2014-2019 has been worked out as per Appendix-I of the CERC tariff regulations for period 2014-19.

- 6.3 The tariff for the transmission lines from 01.04.2014 to 31.03.2019 is summarized below.

Combined Transmission Tariff(for 3 Inter-state Transmission Lines of HPPTCL)					
Particular	Transmission Tariff (Rs Lakhs)				
	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
Depreciation (Rs Lakhs)	451.71	451.71	451.71	451.71	451.71
Interest on Working Capital (Rs Lakhs)	11.87	11.92	11.98	12.04	12.10
O&M Expenses (Rs Lakhs)	29.94	30.94	32.01	33.01	34.17
Total	493.52	494.57	495.71	496.76	497.98
Energy Flow (MW)	225.00	225.00	225.00	225.00	225.00
Transmission Tariff (Rs/MW/Day)	600.94	602.22	603.60	604.88	606.37
Transmission Tariff (Rs/MW/Month)	18278.58	18317.50	18359.62	18398.54	18443.84

- 6.4 Annual Fixed charges shall be trued up in accordance with Regulation 8 of the CERC Terms & Conditions for Tariff Regulations, 2014.

7 Computation of Transmission Charges

- 7.1 The sum of allocated capacity for the assets under consideration for this petition is around 225 MW has been considered for the purpose of computation of transmission charges. Based on the annual fixed cost calculated in previous Chapter 6 the transmission charges are calculated as per the table given below:

Combined Transmission Tariff(for 3 Inter-state Transmission Lines of HPPTCL)					
Particular	Transmission Tariff (Rs Lakhs)				
	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
Total – Annual Fixed Cost (Rs Lakhs)	493.52	494.57	495.71	496.76	497.98
Energy Flow (MW)	225.00	225.00	225.00	225.00	225.00
Transmission Tariff (Rs/MW/Day)	600.94	602.22	603.60	604.88	606.37
Transmission Tariff (Rs/MW/Month)	18278.58	18317.50	18359.62	18398.54	18443.84

- 7.2 CERC has exempted service tax on transmission vide notification No: 11/2010 Service Tax dated 27.02.2010. Further, CERC also has exempted levy of service tax on transmission for the past period up to 26.02.2010 vide notification No: 45/2010- Service Tax dated 20th July 2010. Transmission charges indicated above is exclusive of Service Tax and the same shall be charges, billed separately by the petitioner in case the exemption as above is withdrawn in future.
- 7.3 Transmission charges and other related charges are exclusive of incentive, late payment surcharge, FERC, any statutory taxes, levies, duties, cess, filing fees, license fee or any other kind of imposition (s) and/or other surcharges etc. whatsoever imposed/charged by any Government (Central/State) and/or any other local bodies/authorities/regulatory authorities in relation to transmission of electricity, environmental protection, and/or in respect of any of its installation associated with the Transmission System and the same shall be borne and additionally paid by the respondent (s) to the petitioner and the same shall be charges, billed separately by the petitioner on the respondents.
- 7.4 Tariff for Transmission of Electricity (Annual Fixed Cost) as indicated above shall be recovered on monthly basis in accordance with Regulation 33 of the Central Electricity Regulatory Commission (Terms and Condition of Tariff) Regulation, 2014.
- 7.5 Billing, Collection and Disbursement of Transmission Charges shall be governed by provision of CERC (sharing of interstate Transmission Charges and Losses) Regulations, 2010 and the Removal of difficulties orders issued thereafter. That the Transmission Tariff for the subject asset is to be entirely borne by the respondents to the Petition.



8 Prayer

HPPTCL respectfully prays to the Hon'ble Commission to -

- 1) Approve the Transmission Tariff for the asset covered under this petition.
- 2) Approve the reimbursement of expenditure by the beneficiaries towards petition filing fee, and publishing of notices in newspapers in terms of Regulation 52 of CERC (Terms and Conditions of Tariff) Regulations, 2014 and other expenditure (if any) in relation to the filing of petition.
- 3) Allow the Petitioner to bill and recover Service tax on Transmission Charges separately from the respondents, if at any time exemption from service tax is withdrawn and transmission is notified as a taxable service.
- 4) And pass such other relief as Hon'ble Commission deems fit and appropriate under the circumstances of the case and in the interest of justice.
- 5) Please adjust the petition submission fee that was submitted earlier by the petitioner for the individual petitions with the current combined petition being filed by the petitioner

Filed by
H.P. Power Transmission Corporation Limited



9 Annexure

Annexure I

CERC's order dated 14.03.2012 regarding determination of tariff of the inter-State transmission line connecting two States



Annexure II

Audited values of the capital cost of the transmission lines



Annexure III

Accumulated depreciation as per the HPERC order



Annexure IV

MYT formats



4. Assets under Consideration

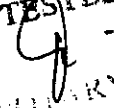
4.1 The assets under consideration for this petition before Hon'ble Commission includes following inter-state transmission lines -

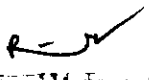
- 1) 220 kV S/C Jassure-Ranjitsagar transmission line connecting the states of Himachal Pradesh and Punjab commissioned in March 2001.
- 2) 220 kV D/C Majri-Khodri transmission line connecting the states of Himachal Pradesh and Uttarakhand commissioned in September 1989.
- 3) 220 kV D/C Kunihar-Panchkula transmission line connecting the sates of Himachal Pradesh and Haryana commissioned in May 1989.

Other important details of the above mentioned inter-state transmission lines are as presented in the table below.

Sr. No.	Name of the line	Type of line (AC/HVDC)	S/C or D/C	Voltage level (kV)	Line length (Km)	Capital Cost (Rs Lakhs)	Maximum Power Flow (MW)
1	220 kV S/C Jassure-Ranjitsagar Line	AC	S/C	220	25.602	1900.11	25
2	220 kV D/C Majri-Khodri Line	AC	D/C	220	35.02	6398.15	120
3	220 kV D/C Kunihar-Panchkula Line		D/C	220	46.72	8535.74	80
a	220 kV D/C Kunihar-Baddi Line	AC	D/C	220	26.015		
b	220 kV D/C Baddi-Panchkula Line	AC	D/C	220	15.645		
c	LILO Portion at Baddi	AC	D/C	220	5.06		

*The capital cost of the above mentioned lines is as per the audited values. The copy of the same is provided in Annexure II as well.

ATTESTED

 NOTARY
 Shimla Urban (H.P.)


 Atul General Manager (C & M)
 H.P. Power Transmission Corp
 Barowalia House, Khatol Shimla

Breakup of Initial Spares

Name of the Transmission Licensee	Himachal Pradesh Power Transmission Corporation Ltd.	
Name of Region:	Northern Region	
Name of the Project	Petition for Transmission Tariff Determination for 3 Inter-state Transmission Lines of HPPTCL	
Name of the Transmission Element :	220 kV S/C Jassure-Ranjitsagar Line, 220 kV D/C Majri-Khodri Line & 220 kV D/C Kunihar-Panchkula Line	


Particulars	Plant & Machinery Cost (excluding IDC & IDEC) upto DOCO	IDC	IDEC	Year-wise additional capital expenditure up to cut-off date			Total Cost	Initial Spares Claimed (%)	
				Year 1	Year 2	Year 3		Amount	%
Transmission Line									
Transmission Sub-station (green field/brown field)									
PLCC									
Series Compensation Devices									
HVDC Station									
Gas insulated sub-station									
Communication System									

Not Applicable *

Note:

1. Details to be furnished as per Regulation 13.
2. Corresponding figures of initial spares included in each transmission system may be provided separately.

* Since Operation & Maintenance of Transmission Lines vested in HPPTCL has been entrusted to HPSEBL as per Agreement dated 20.11.2010 and the control of Transmission Directorate and SLDC is still retained by HPSEBL, the petitioner is not in a position to provide the required data/information.


 Manager (S.M.)
 HPPTCL
 H.P. House, Khairi, Swaha-2
 Errore


Other Income as on COD

Name of the Transmission Licensee :	Himachal Pradesh Power Transmission Corporation Ltd.
Name of Region:	Northern Region
Name of the Project	Petition for Transmission Tariff Determination for 3 Intet-state Transmission Lines of HPPITCL
Name of the Transmission Element :	220 kV S/C Jassure-Ranjitsagar Line, 220 kV D/C Majri-Khodri Line & 220 kV D/C Kunihar-Panchkula Line

SI.No.	Paramaters	(Amount in Rs. in Lakh)					
		Existing 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
1	Interest on Loans and advance						
2	Income from sale of scrap						
3	Mic. Reciepts (please specify details)						
4							
5							
6							
7							
8							

Not Applicable *

* Since Operation & Maintenance of Transmission Lines vested in HPPITCL has been entrusted to HPSEBL as per Agreement dated 20.11.2010 and the control of Transmission Directorate and SLDC is still retained by HPSEBL, the petitioner is not in a position to provide the required data/ information.



 Addl. Genl. Manager (C&M)
 Transmission Corp. Ltd.
 H.P. Power Corporation Ltd.
 Jassure, Kunihar-Panchkula - 171001

Actual cash expenditure

Name of the Transmission Licensee :	Himachal Pradesh Power Transmission Corporation Ltd.			
Name of Region:	Northern Region			
Name of the Project	Petition for Transmission Tariff Determination for 3 Inter-state Transmission Lines of HPPTCL 220 kV S/C Jassure-Ranjitsagar Line, 220 kV D/C Majri-Khodni Line & 220 kV D/C Kumihar-Panchkula Line			
Name of the Transmission Element :				
	(Amount in Rs. in Lakh)			
	Quarter-I	Quarter-II	Quarter-III	Quarter-n (COD)
Payment to contractors/suppliers % of fund deployment	Not Applicable *			

Note: if there is variation between payment and fund deployment justification need to be furnished

* Since Operation & Maintenance of Transmission Lines vested in HPPTCL has been entrusted to HPSEBL as per Agreement dated 20.11.2010 and the control of Transmission Directorate and SLDC is still retained by HPSEBL, the petitioner is not in a position to provide the required data/information.


 Addl. General Manager (O & M)
 Transmission Corp. Ltd.
 H.P. Power Transmission
 Jassure, Khodni, Panchkula
 H.P.