

**BEFORE THE HON'BLE CENTRAL ELECTRICITY REGULATORY
COMMISSION, NEW DELHI
PETITION NO. OF 2015**

IN THE MATTER OF

Approval of generation tariff of Tehri Hydroelectric Power Project (HPP) Stage-I (4x250MW) for the period 01.04.2014 to 31.03.2019

AND

IN THE MATTER OF

Petition under Sections 62 and 79(1) (a) of the Electricity Act, 2003 read with Chapter-V of the Central Electricity Regulatory Commission (Conduct of Business) Regulations, 1999 and the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations 2014.

AND

IN THE MATTER OF

THDC India Limited

(A Joint Venture of Govt. of India & Govt. of U.P.)

Pragatipuram, Bypass Road,

Rishikesh-249 201 (Uttarakhand)

Petitioner

Versus

1. Chairman & Managing Director,
Punjab State Power Corporation Limited,
The Mall,
Patiala -147 001 (Punjab)

& 13 Others
Respondents

INDEX

Sl.No.	PARTICULARS		PAGE NO.
1.	Index Page		ii
2.	Affidavit		iii - iv
3.	Petition		v - xiii
4.	Certificate for serving copy of Tariff Petition to respondents.		xiv
5.	Check List		xv- xvii
6.	Annexure:		
i.	Form No.1 to Form No.16 as prescribed in the CERC Regulations, 2014 as notified by CERC vide their notification dtd. 21.02.14 and amendment thereof.	<u>(Annexure-A)</u>	A-1 to A-78
ii.	Copy of Hon'ble CERC Tariff Orders for the period 2006-09 and 2009-14	<u>(Annexure-B)</u>	B-1 to B-124
iii.	Copy of documentary evidence towards submission of tariff determination fees for the FY 2014-15 & 15-16.	<u>(Annexure-C)</u>	C-1 to C-4

THDC India Limited



(Manoj Kumar Tyagi)

Dy. General Manager (Commercial)

Place : Rishikesh

Date : 27.06.2015





उत्तराखण्ड UTTARAKHAND

23AA 960389

BEFORE THE HON'BLE CENTRAL ELECTRICITY REGULATORY
COMMISSION, NEW DELHI

PETITION NO. OF 2015

IN THE MATTER OF

Approval of generation tariff of Tehri Hydroelectric Power Project (HPP) Stage-I
(4x250MW) for the period 01.04.2014 to 31.03.2019.

AND

IN THE MATTER OF

Petition under Sections 62 and 79(1)(a) of the Electricity Act, 2003 read with Chapter-V
of the Central Electricity Regulatory Commission (Conduct of Business) Regulations,
1999 and the Central Electricity Regulatory Commission (Terms and Conditions of
Tariff) Regulations 2014.

AND

IN THE MATTER OF

THDC India Limited

(A Joint Venture of Govt. of India & Govt. of U.P.)

Pragatipgram, Bypass Road, Rishikesh-249 201, (Uttarakhand)

Petitioner

Versus

1. Chairman & Managing Director,
Punjab State Power Corporation Limited,
The Mall, Patiala -147 001 (Punjab).

& 13 Others

Respondents

iii

महाराष्ट्र सरकार
तेहसील रीशिकेश

AFFIDAVIT VERIFYING THE PETITION

I, Manoj Kumar Tyagi, aged about 52 years, S/o Shri V.S. Tyagi, working as Dy. General Manager (Commercial) in THDC India Limited, the Petitioner in the above matter, do solemnly affirm and state as follows that:

1. I am working as Dy. General Manager (Commercial) in THDC India Limited and am well acquainted with the facts of the above matter.
2. The statements made in the Petition herein are based on documents/ records available with the petitioner Company in the ordinary course of business and by me to be true.



Solemnly affirmed at Rishikesh on the day of 27th June..... 2015 that the contents of the above affidavit are true to my knowledge, no part of it is false and nothing material has been concealed therefrom.

Deponent

(Manoj Kumar Tyagi)
(Authorised Signatory)

महाराष्ट्र सरकार
तेहसील रीशिकेश
जि. देहरादून
उ.प्र.
महाराष्ट्र सरकार
तेहसील रीशिकेश
जि. देहरादून
उ.प्र.
महाराष्ट्र सरकार
तेहसील रीशिकेश
जि. देहरादून
उ.प्र.

BEFORE THE HON'BLE CENTRAL ELECTRICITY REGULATORY

COMMISSION, NEW DELHI

PETITION NO. OF 2015

IN THE MATTER OF:

Approval of generation tariff of Tehri Hydroelectric Power Project (HPP) Stage-I (4 x 250 MW) for the period 01.04.2014 to 31.3.2019.

AND

IN THE MATTER OF:

Petition under Sections 62 and 79 (1) (a) of the Electricity Act, 2003 read with Chapter V of the Central Electricity Regulatory Commission (Conduct of Business) Regulations, 1999 and the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations 2014.

AND

IN THE MATTER OF:

THDC India Limited

(A Joint Venture of Govt. of India & Govt. of U.P.)

Pragatipuram, Bypass Road,

Rishikesh-249 201 (Uttarakhand)

- Petitioner

Versus

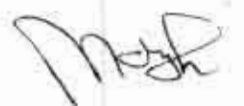
1. Chairman & Managing Director,
Punjab State Power Corporation Limited,
The Mall,
Patiala – 147001 (Punjab)

2. The Chairman,
Haryana Power Utilities (DHBVNL),
Shakti Bhawan, Sector 6,
Panchkula – 134 109 (Haryana)
3. The Chairman,
Haryana Power Utilities (UHBVNL),
Shakti Bhawan, Sector 6,
Panchkula – 134 109 (Haryana)
4. Chairman & Managing Director,
Uttar Pradesh Power Corporation Limited,
Shakti Bhawan, 14 Ashok Marg,
Lucknow – 226001 (UP)
5. Chief Executive Officer,
BSES Rajdhani Power Ltd.,
BSES Bhawan, Nehru Place,
Behind Nehru Place Bus Terminal,
New Delhi-110019
6. Chief Executive Officer,
BSES Yamuna Power Ltd.,
3rd Floor, Shakti Kiran Building,
Karkardooma, Near Court,
New Delhi-110092
7. Chief Executive Officer,
TATA Power Delhi Distribution Ltd.,
33 KV Grid Sub-Station Building,
Hudson Lane, Kingsway Camp,
Delhi-110009



8. Secretary (Engineering),
Engineering Deptt.,
Chandigarh Administration,
1st Floor, UT Secretariat,
Sector 9-D, Chandigarh-160009
9. Managing Director,
Uttarakhand Power Corporation Ltd.,
Urja Bhawan, Kanwali Road, Dehradun-248001 (UK)
10. The Chairman ,
HPSEB Limited,
Vidyut Bhawan, Shimla-171004 (HP)
11. The Managing Director ,
Jaipur Vidyut Vitran Nigam Ltd.,
Vidyut Bhawan,
Janpath, Jyotinagar, Jaipur-302005 (Rajasthan)
12. The Managing Director ,
Ajmer Vidyut Vitran Nigam Ltd.,
Old Power House,
Hatthi Bhatta, Jaipur road, Ajmer-305001 (Rajasthan)
13. The Managing Director ,
Jodhpur Vidyut Vitran Nigam Ltd.,
New Power House, Industrial Area
Jodhpur-342003 (Rajasthan)
14. Principal Secretary (Power),
Power Development Department (PDD),
Govt. of J&K, Civil Secretariat,
Jammu -180001 (J&K)

Respondents



The petitioner respectfully submits as under:

1. The petitioner herein, THDC India Limited (erstwhile Tehri Hydro Development Corpn. Ltd.) is a company incorporated under the Companies Act, 1956 and has its registered office at Bhagirathi Bhawan (Top Terrace), Bhagirathipuram, Tehri Garhwal -249001 (Uttarakhand).
2. The petitioner is a Joint Venture Company of the Government of India and the Government of Uttar Pradesh. The Government of India holds 75% of the issued and paid up equity capital of the Petitioner.
3. The petitioner is a generating company owned and controlled by the Government of India within the meaning of Section 79(1) (a) of the Electricity Act, 2003 read with Section 2(31) of the Electricity Act, 2003. The tariff for generation and sale of electricity by the petitioner company to distribution licensees is, therefore, regulated by the Hon'ble Commission in terms of Section 79(1)(a) read with Sections 61, 62 and other applicable provisions of the Electricity Act, 2003.
4. The petitioner has commissioned Tehri Hydroelectric Power Project (HPP) Stage-I (1000 MW) in Tehri Garhwal in the State of Uttarakhand. The Tehri project had initially been accorded investment clearance by the Planning Commission in June 1972 for implementation by the Government of Uttar Pradesh. The construction of the Project was commenced by the State Government of Uttar Pradesh in 1978. The project was transferred to the petitioner in the year 1989. The expenditure incurred by the

Government of Uttar Pradesh till the date of transfer to the petitioner was adjusted as equity contribution from the Government of Uttar Pradesh.

5. The petitioner vide petition no. 250/2010 had filed petition before Hon'ble Commission on 09.09.10 for the fixation of final tariff for the above Tehri Hydroelectric Power Project (HPP) Stage-I (1000 MW) for the period 2006-09, considering expenditure incurred upto the COD of the generating station and actual additional capitalization upto 31.03.2009. The four units of Tehri HPP Stage-I (4 x 250 MW) were put under commercial operation w.e.f. 22.09.2006 (Unit-IV), 09.11.2006 (Unit-III), 30.03.2007 (Unit-II) and 09.07.2007 (Unit-I) respectively.
6. The Hon'ble Commission had determined the tariff of Tehri HPP for the tariff period 22.09.2006 to 31.03.2009 vide its Order dtd. 16.04.2013 in petition No.250/2010. This Order was revised vide order dtd.07.01.2014 & 05.06.2014 in respect of review petition No.7/RP/2013 in accordance with the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2004 and subsequent amendments thereof. Thereafter, Hon'ble Commission issued the tariff Order for the period 2009-14 on 27.01.15. The copy of above Tariff Orders are annexed at **Annexure-B**.
7. In light of the tariff Order dtd. 27.01.15 and incorporating the effects thereof, petitioner is submitting the revised 'Truing up' petition for the period 2009-14, superseding the 'Truing up' petition submitted earlier on 16.09.14. Alongwith the revised 'Truing up' petition, petitioner is hereby submitting the revised petition for the period 2014-19, superseding the petition earlier submitted on 31.12.14. The capital expenditure as admitted

by the Hon'ble Commission as on 31.03.09 and the additional capitalization for the period 2009-14 (as claimed in the revised 'Truing up' Petition being submitted alongwith this petition) have been considered in the present petition to arrive at the capital base as on 31.03.2014.

8. The present petition is being filed in the tariff filing forms 1 to 16 as prescribed in the Central Electricity Regulatory Commission (Terms & Conditions of Tariff) Regulations, 2014 (**Annexure-A**).
9. The petition is being filed in accordance with Regulations 7 & 14 of CERC (Terms and Conditions of Tariff) Regulation, 2014.
10. The details of projected capital expenditure(Additional Capitalisation) for the FYs 2014-15, 2015-16, 2016-17, 2017-18 & 2018-19 considered in this petition have been given in Form-9A.
11. The Annual Fixed Charges in respect of Tehri HPP(1000 MW) for the years 2014-15, 2015-16, 2016-17, 2017-18 & 2018-19, based on the Central Electricity Regulatory Commission (Terms & Conditions of Tariff) Regulations, 2014 work out to ₹ 1454.6009 Cr. , ₹ 1435.0832 Cr. , ₹ 1413.0821 Cr. , ₹ 1503.4041 Cr. & ₹ 1483.7690 Cr. respectively as per the details given in Form-1 of **Annexure-A**.
12. The tariff proposals made in this petition are exclusive of any statutory taxes, levies, duties, cess, environmental cess or any other kind of imposition(s) whatsoever imposed/charged by any Government (Central/State) and/or any other local bodies/authorities/ regulatory



authorities in relation to generation of electricity including auxiliary consumption or any other types of consumption including water, transmission of power, environmental protection, sale or on supply of power/energy, and/or in respect of any of its installations associated with Generating Stations and/or on transmission system. The amount of such taxes / duties / cess / levies etc. payable by the petitioner to the authorities concerned in any month on account of the said taxes / duties / cess / levies etc. as referred to above is required to be borne and additionally be paid by the respondents to the petitioner and the same may be permitted to be charged in the monthly bills raised by the petitioner on the respondents in proportion to their allocation of power from Tehri HPP Stage-I.

13. FERV etc. and other amounts are also payable by the respondents as per Central Electricity Regulatory Commission (Terms & Conditions of Tariff) Regulations, 2014.
14. The annual fee of Rs.44,00,000/- (₹ Forty Four Lakh only) for the period 2014-15 and 2015-16 has already been deposited on 20.05.14 & 20.04.15 (**Annexure-C**). The tariff determination fee amounting to Rs.44 lakhs per annum payable to the Hon'ble Commission every year may be allowed to be recovered by the petitioner from the respondents.
15. It is prayed that the AFCs as per Form-1 for the financial year 2014-15, 2015-16, 2016-17, 2017-18 & 2018-19 may kindly be allowed to be paid by the beneficiaries.

16. The Tariff filing forms have been filled based on the audited accounts as on 31.03.2014 & projected expenditures during the period 2014-19, which have been duly audited by the Statutory Auditors.
17. The expenditure incurred towards the publication of notice in the newspapers as per CERC order no. L-7/25(7)/2004-CERC dated 29th July, 2004, may be allowed to be recovered by the petitioner from the respondents as per their allocation of power from Tehri HPP Stage-I.
18. The respondents may kindly be directed to make the payments including other charges to the petitioner for the bills raised by the petitioner for supply of power/energy to them from Tehri HPP Stage-I in accordance with the terms and conditions notified by the Hon'ble Commission.
19. The petitioner craves the leave of the Hon'ble Commission to submit additional submission/documents in support and also craves the leave of the Hon'ble Commission to make oral submissions in this regard.
20. The following documents are annexed to this petition:
- i. Form No.1 to Form No.16 as prescribed in the CERC Regulations,2014 as notified by CERC vide their notification dtd.21.02.14 and amendment thereof **(Annexure-A)**
 - ii. Hon'ble Commission's Tariff Orders for the period 2006-09 and 2009-14. **(Annexure-B)**
 - iii. Copy of documentary evidence towards submission of tariff determination fees for the FYs 2014-15 & 2015-16. **(Annexure-C)**

PRAYER

1. The Tariff of Tehri Hydroelectric Power Project Stage-I (1000 MW) may be determined for the period 2014-19, taking account of the submissions made herein above and in the form and the annexure filed herewith permitting the petitioner to recover Annual Fixed Cost of ₹ 1454.6009 Cr. , ₹ 1435.0832 Cr. , ₹ 1413.0821 Cr. , ₹ 1503.4041 Cr. & ₹ 1483.7690 Cr. for the year 2014-15, 2015-16, 2016-17, 2017-18 and 2018-19 respectively, variable charges, taxes, levies and other charges, costs and expenses and reimbursements as more fully stated in the petition.
2. The Hon'ble Commission may pass such further order or orders as may deemed appropriate in the case.

For THDC India Limited.



(Manoj Kumar Tyagi)

Dy.General Manager(Commercial)

Place: Rishikesh

Date: 27.06.2015

**CERTIFICATE FOR SERVING OF COPY OF TARIFF PETITION
TO RESPONDENTS**

This is to certify that a copy of the tariff petition has been sent by courier to each of the beneficiaries of Tehri HPP as mentioned in the tariff petition.



(Manoj Kumar Tyagi)

Dy. General Manager (Commercial)

THDC INDIA LIMITED

Pragatipuram, Bypass Road,

Rishikesh – 249201 (Uttarakhand)



PART-II

**Checklist of Forms and other information/ documents for tariff filing
for Tehri HPP (1000 MW)**

Form No.	Title of Tariff Filing Forms (Hydro)	Tick
FORM- 1	Summary Sheet	✓
FORM-2	Details of COD, Type of hydro station, Normative Annual Plant Availability Factor(NAPAF) & Other normative parameters considered for tariff calculation	✓
FORM-3	Salient Features of Hydroelectric Project	✓
FORM- 4	Details of Foreign loans	✓
FORM- 4A	Details of Foreign Equity	✓
FORM-5	Abstract of Admitted Capital Cost for the existing Projects	✓
FORM-5A	Abstract of Capital Cost Estimates and Schedule of Commissioning for the New projects	✓
FORM-5B	Break-up of Capital Cost for Hydro Power Generating Station	✓
FORM-5C	Break-up of Capital Cost for Plant & Equipment	✓
FORM-5D	Break-up of Construction/Supply/Service packages	✓
FORM-5Ei	In case there is cost over run	✓
FORM-5Eii	In case there is time over run	✓
FORM-5F	In case there is claim of additional RoE	✓
FORM- 6	Financial Package upto COD	✓
FORM- 7	Details of Project Specific Loans	✓
FORM- 8	Details of Allocation of corporate loans to various projects	✓
FORM-9A	Statement of Additional Capitalisation after COD	✓
FORM 9B	Statement of Additional Capitalisation during fag end of the Project	✓
FORM 9Bi	Details of Asset De-capitalised during the period	✓
FORM- 9C	Statement showing reconciliation of ACE claimed with the capital additions as per books	✓
FORM- 9D	Statement showing items/assets/works claimed under Exclusions	✓
FORM- 9E	Statement of Capital cost	✓
FORM- 9F	Statement of Capital Woks in Progress	✓
FORM- 10	Financing of Additional Capitalisation	✓

M. J. R.

Form No.	Title of Tariff Filing Forms (Hydro)	Tick
FORM- 11	Calculation of Depreciation	✓
FORM- 12	Statement of Depreciation	✓
FORM- 13	Calculation of Weighted Average Rate of Interest on Actual Loans	✓
FORM- 13A	Calculation of Interest on Normative Loan	✓
FORM- 13B	Calculation of Interest on Working Capital	✓
FORM- 13 C	Other Income as on COD	✓
FORM- 13 D	Incidental Expenditure during Construction	✓
FORM- 14	Draw Down Schedule for Calculation of IDC & Financing Charges	✓
FORM- 14A	Actual cash expenditure	✓
FORM- 15A	Design energy and peaking capability (month wise)- ROR with Pondage/Storage type new stations	✓
FORM- 15B	Design energy and MW Continuous (month wise)- ROR type stations	NA
FORM- 16	Liability Flow Statement	✓
Other Information/ Documents		
Sl. No.	Information/Document	Tick
1	Certificate of incorporation, Certificate for Commencement of Business, Memorandum of Association, & Articles of Association (For New Station setup by a company making tariff application for the first time to CERC)	NA
2	A. Station wise and Corporate audited Balance Sheet and Profit & Loss Accounts with all the Schedules & annexures on COD of the Station for the new station & for the relevant years. B. Station wise and Corporate audited Balance Sheet and Profit & Loss Accounts with all the Schedules & annexures for the existing station for the relevant years.	NA
3	Copies of relevant loan Agreements	NA
4	Copies of the approval of Competent Authority for the Capital Cost and Financial package.	NA

Form No.	Title of Tariff Filing Forms (Hydro)	Tick
5	Copies of the Equity participation agreements and necessary approval for the foreign equity.	NA
6	Copies of the BPSA/PPA with the beneficiaries, if any	NA
7	Detailed note giving reasons of cost and time over run, if applicable. List of supporting documents to be submitted: a. Detailed Project Report b. CPM Analysis c. PERT Chart and Bar Chart d. Justification for cost and time Overrun	NA
8	Generating Company shall submit copy of Cost Audit Report along with cost accounting records, cost details, statements, schedules etc. for the Generating Unit wise /stage wise/Station wise/ and subsequently consolidated at Company level as submitted to the Govt. of India for first two years i.e. 2014-15 and 2015-16 at the time of mid-term true-up in 2016-17 and for balance period of tariff period 2014-19 at the time of final true-up in 2019-20. In case of initial tariff filing the latest available Cost Audit Report should be furnished.	NA
9	Any other relevant information, (Please specify)	NA
10.	Reconciliation with Balance sheet of any actual additional capitalization and amongst stages of a generating station	NA