

PETITION NO. / 2014

**TARIFF PETITION
OF
TEESTA LOW DAM-III POWER STATION
FOR THE PERIOD 01.04.2014 TO 31.03.2019**

एनएचपीसी लिमिटेड
(भारत सरकार का उद्यम)

NHPC Limited
(A Govt. of India Enterprise)



COMMERCIAL DIVISION

**N.H.P.C. OFFICE COMPLEX,
SECTOR-33, FARIDABAD (HARYANA)-121003**

BEFORE THE HON'BLE CENTRAL ELECTRICITY REGULATORY COMMISSION
NEW DELHI

PETITION NO.

/2014

IN THE MATTER OF

Petition under 79(1) & 86 of the CERC (Conduct of Business), Regulations, 1999, Section 62(1)(a) of the Electricity Act, 2003 and Regulation 7(3) & 14 of CERC (Terms and Conditions of Tariff) Regulations, 2014 for determination of tariff for the period 2014-19 in respect of **Teesta Low Dam-III Power Station**.

PETITIONER:

NHPC LIMITED,
(A GOVT. OF INDIA ENTERPRISE)
NHPC OFFICE COMPLEX,
SECTOR - 33, FARIDABAD - 121 003.

RESPONDENTS :

THE CHAIRMAN & MANAGING DIRECTOR,
WEST BENGAL STATE ELECTRICITY DISTRIBUTION COMPANY LTD.
VIDYUT BHAWAN (8TH FLOOR), BLOCK-DJ
SECTOR-II, SALT LAKE, KOLKATA - 700 091 (WEST BENGAL)

Index

Sl. No.	Particulars	Page No.
1	Index Page	1
2	Affidavit	2 - 3
3	Application	4 - 10
4	Annex-I: Forms 1 to 16 as prescribed in CERC (Terms and Conditions of Tariff) Regulations, 2014.	11-74
5	Annex-II: Letter dtd.29.04.2014 in support of payment of fees for application for determination of tariff for 2014-15	75-77
6	Annex-III: Copy of MOM of Board of Directors meeting dated 07.07.2014 regarding additional expenditure during 2014-19.	78-79

NHPC LTD.
Through



(A. K. Pandey)

Chief Engineer (Comml.)

Place : Faridabad

Date : 13.08.2014



हरियाणा HARYANA

34AA 265186

BEFORE THE HON'BLE CENTRAL ELECTRICITY REGULATORY COMMISSION
NEW DELHI

PETITION NO. /2014

IN THE MATTER OF

Petition under 79(1) & 86 of the CERC (Conduct of Business), Regulations, 1999, Section 62(1)(a) of the Electricity Act, 2003 and Regulation 7(3) & 14 of CERC (Terms and Conditions of Tariff) Regulations, 2014 for determination of tariff for the period 2014-19 in respect of **Teesta Low Dam-III Power Station**.

PETITIONER:

NHPC LIMITED
(A GOVT. OF INDIA ENTERPRISE)
NHPC OFFICE COMPLEX,
SECTOR - 33,
FARIDABAD - 121 003.

**RESPONDENT :**

THE CHAIRMAN & MANAGING DIRECTOR,
WEST BENGAL STATE ELECTRICITY DISTRIBUTION COMPANY LTD.
VIDYUT BHAWAN (8TH FLOOR), BLOCK-DJ
SECTOR-II, SALT LAKE, KOLKATA - 700 091 (WEST BENGAL)

Ady

AFFIDAVIT FOR VERIFYING THE PETITION

I, A. K. Pandey S/o late Sh P. N. Pandey aged 55 years working as Chief Engineer (Comml.) in NHPC Ltd., the applicant in the above matter do solemnly affirm and state as follows:

1. I am working as Chief Engineer (Comml.) in NHPC Ltd., and am well acquainted with the facts of the above case.
2. The statements made in the petition herein are true to my knowledge and belief and are based on documents / records available and / or management's approval.

Solemnly affirmed at Faridabad on the day of ~~13~~ August, 2014 that the contents of the above affidavit are true to my knowledge, no part of it is false and nothing material has been concealed there from.


DEPONENT

IDENTIFIED BEFORE ME

I know the deponent/executant and who has signed/thumb marked/LTI/RTI in my presence

ATTESTED & IDENTIFIED

NOTARY
FARIDABAD



13 AUG 2014

BEFORE THE HON'BLE CENTRAL ELECTRICITY REGULATORY COMMISSION
NEW DELHI

PETITION NO. /2014

IN THE MATTER OF

Petition under 79(1) & 86 of the CERC (Conduct of Business), Regulations, 1999, Section 62(1)(a) of the Electricity Act, 2003 and Regulation 7(3) & 14 of CERC (Terms and Conditions of Tariff) Regulations, 2014 for determination of tariff for the period 2014-19 in respect of **Teesta Low Dam-III Power Station**.

AND IN THE MATTER OF

NHPC LIMITED
(A GOVT. OF INDIA ENTERPRISE)
NHPC OFFICE COMPLEX,
SECTOR – 33,
FARIDABAD – 121 003.

PETITIONER

RESPONDENT :

THE CHAIRMAN & MANAGING DIRECTOR,
WEST BENGAL STATE ELECTRICITY DISTRIBUTION COMPANY LTD.
VIDYUT BHAWAN (8TH FLOOR), BLOCK-DJ
SECTOR-II, SALT LAKE, KOLKATA – 700 091 (WEST BENGAL)

Petition under 79(1) & 86 of the CERC (Conduct of Business), Regulations, 1999, Section 62(1)(a) of the Electricity Act, 2003 and Regulation 7(3) & 14 of CERC (Terms and Conditions of Tariff) Regulations, 2014.

It is respectfully submitted that:

1. NHPC Limited, hereinafter called 'NHPC', is a Government of India Company within the meaning of the Companies Act, 1956. Further, it is a 'Generating Company' as defined under Section 2(28) of the Electricity Act, 2003.
2. Teesta Low Dam-III Power station (hereinafter called 'TLDP-III / 'power station') (4 X 33 = 132 MW) located in the state of West Bengal has been declared under commercial operation w.e.f 19.05.2013.



3. NHPC has constructed TLDP-III and is operating and maintaining the same, since its Commercial Operation. The power generated from this Power Station is being supplied to West Bengal, which is the sole beneficiary of project, i.e. Respondent herein as per Power Purchase Agreement (PPA) / BPSA signed with them.
4. Section 62 of Electricity Act, 2003 provides for determination of tariff by the Appropriate Commission for supply of electricity by a generating company to a distribution licensee. The Hon'ble Commission, under Section 79(1)(a) of Electricity Act, 2003, is vested with the jurisdiction to regulate the tariff of the Generating Companies owned or controlled by the Central Government.
5. The petitioner has filed tariff petition no. 115/GT/2013 on 05.11.2012, which was filed on basis of anticipated COD on 01.04.2013 in accordance with Regulation-5 of CERC Tariff Regulations, 2009 and as per CERC (Procedure for making of application for determination of tariff, publication of the application and other related matters) Regulations, 2004 and its subsequent amendments. The revised tariff petition no. 115/GT/2013 as on actual COD has already been filed separately.
6. The capital cost **₹182919.45 lakh** as on 31.03.2014 considered in present tariff petition is based on capital cost in amended tariff petition no. 115/GT/2013.
7. The Hon'ble Commission in exercise of powers conferred under section 178 of the Electricity Act, 2003 and all other powers enabling in this behalf, issued by the Central Electricity Regulatory Commission (Terms & Conditions of Tariff) Regulations, 2014 on 21.02.2014 which are effective for a period of 5 years w.e.f. 01.04.2014.
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 and also as per the Central Electricity Regulatory Commission (Procedure for making of application for determination of tariff, publication and other related matters) Regulations, 2004 and its subsequent amendment.

9. Present tariff petition has been prepared in accordance with regulation-7 & 14 of CERC Tariff Regulations, 2014 which are reproduced as under:

*"7.(3) In case of an existing generating station or transmission system including communication system or element thereof, the application shall be made not later than 180 days from the date of notification of these regulations based on admitted capital cost including any additional capital expenditure already admitted up to 31.3.2014 (either based on **actual** or **projected** additional capital expenditure) and estimated additional capital expenditure for the respective years of the tariff period 2014-15 to 2018-19."*

"14. (1) The capital expenditure in respect of the new project or an existing project incurred or projected to be incurred, on the following counts within the original scope of work, after the date of commercial operation and up to the cut-off date may be admitted by the Commission, subject to prudence check:

- (i) Undischarged liabilities recognized to be payable at a future date;*
- (ii) Works deferred for execution;*
- (iii) Procurement of initial capital spares within the original scope of work, in accordance with the provisions of Regulation 13;*
- (iv) Liabilities to meet award of arbitration or for compliance of the order or decree of a court of law; and*
- (v) Change in law or compliance of any existing law:*

Provided that the details of works asset wise/work wise included in the original scope of work along with estimates of expenditure, liabilities recognized to be payable at a future date and the works deferred for execution shall be submitted along with the application for determination of tariff."

"14.(3) The capital expenditure, in respect of existing generating station or the transmission system including communication system, incurred or projected to be incurred on the following counts after the cut-off date, may be admitted by the Commission, subject to prudence check:

- i. Liabilities to meet award of arbitration or for compliance of the order or decree of a court of law;*
- ii. Change in law or compliance of any existing law;*

Ally

- iii. *Any expenses to be incurred on account of need for higher security and safety of the plant as advised or directed by appropriate Government Agencies of statutory authorities responsible for national security/internal security;*
- iv. *Deferred works relating to ash pond or ash handling system in the original scope of work;*
- v. *Any liability for works executed prior to the cut-off date, after prudence check of the details of such undischarged liability, total estimated cost of package, reasons for such withholding of payment and release of such payments etc.;*
- vi. *Any liability for works admitted by the Commission after the cut-off date to the extent of discharge of such liabilities by actual payments;*
- vii. *Any additional capital expenditure which has become necessary for efficient operation of generating station other than coal / lignite based stations or transmission system as the case may be. The claim shall be substantiated with the technical justification duly supported by the documentary evidence like test results carried out by an independent agency in case of deterioration of assets, report of an independent agency in case of damage caused by natural calamities, obsolescence of technology, up-gradation of capacity for the technical reason such as increase in fault level;*
- viii. *In case of hydro generating stations, any expenditure which has become necessary on account of damage caused by natural calamities (but not due to flooding of power house attributable to the negligence of the generating company) and due to geological reasons after adjusting the proceeds from any insurance scheme, and expenditure incurred due to any additional work which has become necessary for successful and efficient plant operation;*
- ix. *In case of transmission system, any additional expenditure on items such as relays, control and instrumentation, computer system, power line carrier communication, DC batteries, replacement due to obsolescence of technology, replacement of switchyard equipment due to increase of fault level, tower strengthening, communication equipment, emergency restoration system, insulators cleaning infrastructure, replacement of porcelain insulator with polymer insulators, replacement of damaged equipment not covered by insurance and any other expenditure which has become necessary for successful and efficient operation of transmission system; and*
- x. *Any capital expenditure found justified after prudence check necessitated on account of modifications required or done in fuel*



receiving system arising due to non-materialisation of coal supply corresponding to full coal linkage in respect of thermal generating station as result of circumstances not within the control of the generating station:

Provided that any expenditure on acquiring the minor items or the assets including tools and tackles, furniture, air-conditioners, voltage stabilizers, refrigerators, coolers, computers, fans, washing machines, heat convectors, mattresses, carpets etc. brought after the cut-off date shall not be considered for additional capitalization for determination of tariff w.e.f. 1.4.2014:

Provided further that any capital expenditure other than that of the nature specified above in (i) to (iv) in case of coal/lignite based station shall be met out of compensation allowance:

Provided also that if any expenditure has been claimed under Renovation and Modernisation (R&M), repairs and maintenance under (O&M) expenses and Compensation Allowance, same expenditure cannot be claimed under this regulation."

10. The details of projected capital expenditure for the tariff years 2014-15, 2015-16, 2016-17, 2017-18 & 2018-19 considered in this petition has been given in **Form-9A of Annex-I.**
11. Annual fixed charges (AFC) worked out in respect of TLDP-III for the period 01.04.2014 to 31.03.2019 based on the Central Electricity Regulatory Commission (Terms & Conditions of Tariff) Regulations, 2014 is as under: (Refer **Form-1 of Annex-I.**

(₹ Crs.)

Year	2014-15	2015-16	2016-17	2017-18	2018-19
AFC	384.95	401.99	409.41	401.85	394.49

12. The above tariff proposal is exclusive of any statutory taxes, levies, duties, 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

Ally

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.

13. The amount of such taxes / duties / cess / levies etc. payable by NHPC to the authorities concerned in any month on account of the said taxes / duties / cess / levies etc. as referred to above shall be borne and additionally paid by the respondents to NHPC and the same shall be payable by respondents in the proportion to Annual Capacity Charges payable by them.
14. Filing fee amounting to ₹5,80,000/- for the year 2014-15 has already been electronically transferred through UTR No.SBIN814118294515 in terms of CERC (Payment of Fee) Regulations, 2012 & same has been intimated to CERC vide letter dtd.29.04.2014. Copy of letter is attached as **Annex-II**.

Aty

Prayer

1. Tariff of Teesta Low Dam-III Power Station for the period 01.04.2014 to 31.03.2019 may be determined under Section 62(1) (a) of the Electricity Act, 2003 and in accordance with regulation-7(3) of the Central Electricity Regulatory Commission (Terms & Conditions of Tariff) Regulations, 2014 issued on 21.02.2014.
2. Annual fixed charges of Teesta Low Dam-III Power Station, for the year 2014-15, 2015-16, 2016-17, 2017-18 & 2018-19 amounting to **₹384.95 Crs, ₹401.99 Crs, ₹409.41 Crs, ₹401.85 Crs & ₹394.49 Crs** respectively as per tariff filing **Form-1 of Annex-I**, be allowed to be billed for payment by the respondents in the manner already notified by the Hon'ble Commission in Central Electricity Regulatory Commission (Terms & Conditions of Tariff) Regulations, 2014.
3. NHPC may be allowed to Bill the Respondents for levies, taxes, duties, cess, charges, fee etc. if any, as mentioned in **para-13** above.
4. Allow reimbursement of filing fee of this petition as mentioned in **para-14**.
5. Allow reimbursement of expenses incurred on publication of notices in the application of tariff for the period 2014-19.
6. Pass such other and further order / orders as are deemed fit and proper in the facts and circumstances of the case.

NHPC Limited.
Through



(A. K. Pandey)
Chief Engineer (Comml.)

Place : Faridabad
Date : 13.08.2014

Summary Sheet

Name of the Petitioner: NHPC Limited

Name of the Generating Station: Teesta Low Dam-III Power Station

Place (Region/District/State): Eastern / Darjeeling / West Bengal

(Amount Rs in Lakhs)

S.N o.	Particulars	Existing 2013-14 *	2014-15	2015-16	2016-17	2017-18	2018-19
1	2	3	4	5	6	7	8
1.1	Depreciation	8805.01	9488.58	10130.96	10533.73	10533.73	10533.73
1.2	Interest on Loan	11698.26	11830.87	11755.81	11256.35	10173.92	9087.06
1.3	Return on Equity ¹	10901.43	11,752.66	12,548.32	13,047.19	13,047.19	13,047.19
1.4	Interest on Working Capital	918.15	1,005.30	1,052.88	1,079.41	1,072.93	1,067.56
1.5	O & M Expenses (refer Annex-I to Form-1)	3921.33	4417.72	4711.06	5023.88	5357.46	5713.20
	Total	36244.19	38495.13	40199.02	40940.56	40185.23	39448.74

* As per revised tariff forms filed with CERC in tariff petition 115/GT/2013.

Note

1: Details of calculations, considering equity as per regulation, to be furnished.

For M/s RAY & RAY
Chartered Accountants
FRN No. 301072E

Barun Kumar Ghosh
M.No. 051028
Partner



For NHPC Limited

(A.K.Pandey)

CE (Comml.)

Commercial Division

Name of the Petitioner: NHPC Limited
 Name of the Generating Station: Teesta Low Dam-III Power Station
 Place (Region/District/State): Eastern / Darjeeling / West Bengal

FORM-1(I)

Statement showing claimed capital cost

(Rs Lakh)

Sl. No.	Particulars	2014-15	2015-16	2016-17	2017-18	2018-19
1	2	3	4	5	6	7
1	Opening Capital Cost	1,82,919.45	1,92,397.04	2,08,328.42	2,08,328.42	2,08,328.42
2	Add : Addition during the year / period	6,135.66	4,460.46	0.00	0.00	0.00
3	Less : De-capitalisation during the year / period	0.00	0.00	0.00	0.00	0.00
4	Less : Reversal during the year / period	0.00	0.00	0.00	0.00	0.00
5	Add : Discharges during the year / period	3,341.93	11,470.92	0.00	0.00	0.00
6	Closing Capital Cost	1,92,397.04	2,08,328.42	2,08,328.42	2,08,328.42	2,08,328.42
7	Average Capital Cost	1,87,658.24	2,00,362.73	2,08,328.42	2,08,328.42	2,08,328.42

FORM-1(II)

Statement showing Return on Equity

(Rs in Lakh)

Sl. No.	Particulars	2014-15	2015-16	2016-17	2017-18	2018-19
1	2	3	4	5	6	7
1	Opening Equity	54,875.83	57,719.11	62,498.53	62,498.53	62,498.53
2	Add : Increase due to addition during the year / period	1,840.70	1,338.14	0.00	0.00	0.00
3	Less : Decrease due to de-capitalisation during the year / period	0.00	0.00	0.00	0.00	0.00
4	Less : Decrease due to reversal during the year / period	0.00	0.00	0.00	0.00	0.00
5	Add : Increase due to discharges during the year / period	1,002.58	3,441.28	0.00	0.00	0.00
6	Closing Equity	57,719.11	62,498.53	62,498.53	62,498.53	62,498.53
7	Average Equity	56,297.47	60,108.82	62,498.53	62,498.53	62,498.53
8	Rate of ROE	20.876%	20.876%	20.876%	20.876%	20.876%
9	Return on Equity	11,752.66	12,548.32	13,047.19	13,047.19	13,047.19

* Opening Capital cost and Equity for the period of 2014-15 has been considered as per revised forms filed with CERC in Tariff Petition 115/GT/2013

For M/s RAY & RAY
 Chartered Accountants
 FRN No. 301072E

Ray & Ray
 Partner



(M.No. 051028)

For NHPC LTD.

A.K. Pandey
 (A.K.Pandey)
 CE (Comm.)
 Commercial Division

Annex-I to Form-1

Calculation of O&M Expenses

Name of company : NHPC Limited
Name of power station : Teesta Low Dam-III Power Station

		(₹ Lakh)
1	Total Capital Expenditure till 31.3.2014 (including the amount of discharge of liability pertaining to COD)	1,82,919.45
2	Capital Expenditure as per original scope upto cutoff date i.e. 31.03.2016 (Refer Form-1(I) & (II))	10,596.12
3	Release of undischarged liability existed on COD and expected to be paid till 31.3.2016 i.e. cut off date of the project	10,541.44
4	Release of undischarged liability pertaining to add cap till 31.3.2014 and expected to be paid till 31.3.2016 i.e. cut off date of the project	4,271.41
5	Less: R&R Expenses	1195.82
6	Capital expenditure for the purpose of O&M expenses	2,07,132.60

Year	2013-14	2014-15	2015-16	2015-17	2017-18	2018-19
O&M Expenses	4142.65 X=2% of Capital Cost (Expenditure upto cut off date excluding R&R)	4417.72 X ₁ = X x 6.64%	4711.06 X ₂ = X ₁ x 6.64%	5023.88 X ₃ = X ₂ x 6.64%	5357.46 X ₄ = X ₃ x 6.64%	5713.20 X ₅ = X ₄ x 6.64%

For M/s RAY & RAY
Chartered Accountants
FRN No. 301072E



(M. no. 051028)

For NHPC LTD.

(A.K.Pandey)
CE (Comml.)
Commercial Division

Details of COD, Type of hydro station, Normative Annual Plant Availability Factor(NAPAF) & Other normative parameters considered for tariff calculation

Name of the Petitioner: NHPC Limited
 Name of the Generating Station: Teesta Low Dam-III Power Station

	Particulars	Unit	Existing 2013-14	2014-15	2015-16	2016- 17	2017-18	2018-19
	1	2	3	4	5	6	7	8
1	Installed Capacity	MW	132	132				
2	Free power to home state	%	13*	13*				
3	Date of commercial operation (actual/anticipated)							
	Unit-1		19.05.2013	19.05.2013				
	Unit-2		01.04.2013	01.04.2013				
	Unit-3		01.04.2013	01.04.2013				
	Unit-4		01.05.2013	01.05.2013				
4	Type of Station							
	a) Surface/underground		Surface	Surface				
	b) Purely ROR/ Pondage/Storage		ROR with Small Pondage	ROR with Small Pondage				
	c) Peaking/non-peaking		Peaking	Peaking				
	d) No. of hours of peaking		Three	Three				
	e) Overload capacity(MW) & period		10%	10%				
5	Type of excitation							
	a) Rotating exciters on generator							
	b) Static excitation		Static (Digital)	Static (Digital)				
6	Design Energy (Annual) ¹	GWh	594.07 MU	594.07 MU				
7	Auxiliary Consumption including Transformation losses	%	1	1				
8	Normative Plant Availability Factor (NAPAF)		80*	85				
9.1	Maintenance Spares for WC	% of O&M	15	15				
9.2	Receivables for WC	in Months	2	2				
9.3	Base Rate of Return on Equity	%	16.5	16.5				
9.4	Tax Rate ²	%	20.961	20.961				
9.5	Effective Tax Rate ⁴		20.961	20.961				
9.6	SBI Base Rate + 350 basis points as on 01.04.2014 ³	%	13.20%	13.50%				

1. Month wise 10-day Design energy figures to be given separately with the petition.
2. Tax rate applicable to the company for the year FY 2013-14 should also be furnished.
3. Mention relevant date
4. Effective tax rate is to be computed in accordance with Regulation 25 i.e. actual tax (or advance tax)/gross income, where gross income refers the profit before tax.

*Government of West Bengal had agreed to forego 12 % free power and to absorb the entire power generated from this project. However , in the event of allocation of the power of this project to other State(s) by Ministry of Power then West Bengal will get 12 % free power.

* As calimed in Tariff Petition 115/GT/2013.

For M/s RAY & RAY
 Chartered Accountants
 FRN No. 301072E

[Signature]
 Partner



For NHPC Limited

[Signature]
 (A.K.Pandey)
 CE (Comm.)
 Commercial Division

(M.No. 051025)

SALIENT FEATURES OF HYDROELECTRIC PROJECT

Name of the Petitioner: **NHPC Limited**
 Name of the Generating Station: **Teesta Low Dam-III Power Station**

1. Location	
State / Distt.	West Bengal/Darjeeling
River	Teesta
2. Diversion Channel	
Diversion Channel and Dykes	
Size, shape	Trapizoidal
Length	837 m
3. Dam	
Type	RCC Raft with Piers
Maximum barrage height (M)	32 m
4. Spillway	
Type	Gated weir with Breast wall
Crest level of spillway (M) (EL)	183 m
5. Reservoir	
Full Reservoir Level (FRL) (M) (EL)	208 m
Minimum Draw Down Level (MDDL) (EL)	203 m
Live storage (MCM)	6.79 MCM
6. Desilting Chamber	
Type	N.A
Number and Size	N.A
Particle size to be removed (mm)	N.A
7. Head Race Tunnel	
Size and type	N.A
Length (M)	N.A
Design discharge (Cumecs)	N.A
8. Surge Shaft	
Type	N.A
Diameter (M)	N.A
Height (M)	N.A
9. Penstock/Pressure shafts	
No. & Type	Steel lined
Diameter	7 m
Length	50 m each
10. Power House	
Installed capacity (No of units x MW)	132 MW (4 X 33 MW)
Type of turbine	Kaplan
Rated Head (M)	21.34
Rated Discharge (Cumecs)	173.4 per unit
Head at Full Reservoir Level (M)	23.01
Head at Minimum Draw down Level (M)	18.01
MW Capability at FRL	132 MW
MW Capability at MDDL	132 MW
11. Tail Race Tunnel	
Base width (M), shape	88m, Trapizoidal
Length (M)	100 m
Minimum tail water level (EL)	182.73 m
12. Switchyard	
Type of Switch gear	GIS
No. of generator bays	4
No. of Bus coupler bays	1
No. of line bays	2

Note : Specify limitation on generation during specific time period on account of restriction(s) on water use due to irrigation, drinking water, industrial, environmental considerations etc.

For M/s RAY & RAY
 Chartered Accountants
 FRN No. 301072E



(M.No. 051028)

For NHPC Limited

A.K. Pandey
 (A.K. Pandey)
 CE (Comml.)
 Commercial Division

Details of Foreign loans
(Details only in respect of loans applicable to the project under petition)

Name of the Petitioner **NHPC Limited**
 Name of the Generating Station **Teesta Low Dam-III Power Station**
 Exchange Rate at COD
 Exchange Rate as on 31.3.2014

Sl.	Financial Year (Starting from COD)	Year 1				Year 2				Year 3 and so on			
		2	3	4	5	6	7	8	9	10	11	12	13
		Date	Amount (Foregn Currency)	Relevant Exchange Rate	Amount (Rs. Lakh)	Date	Amount (Foregn Currency)	Relevant Exchange Rate	Amount (Rs. Lakh)	Date	Amount (Foregn Currency)	Relevant Exchange Rate	Amount (Rs. Lakh)
	Currency1 ¹												
A	1 At the date of Drawl ²												
	2 Scheduled repayment date of principal												
	3 Scheduled payment date of interest												
	4 At the end of Financial year												
B	In case of Hedging ³												
	1 At the date of hedging												
	2 Period of hedging												
	3 Cost of hedging												
	Currency2 ¹												
A	1 At the date of Drawl ²												
	2 Scheduled repayment date of principal												
	3 Scheduled payment date of interest												
	4 At the end of Financial year												
B	In case of Hedging ³												
	1 At the date of hedging												
	2 Period of hedging												
	3 Cost of hedging												
	Currency3 ¹ & so on												
A	1 At the date of Drawl ²												
	2 Scheduled repayment date of principal												
	3 Scheduled payment date of interest												
	4 At the end of Financial year												
B	In case of Hedging ³												
	1 At the date of hedging												
	2 Period of hedging												
	3 Cost of hedging												

Not Applicable

1. Name of the currency to be mentioned e.g. US\$, DM, etc.
2. In case of more than one drawl during the year, Exchange rate at the date of each drawl to be given
3. Furnish details of hedging, in case of more than one hedging during the year or part hedging, details of each hedging are to be given
4. Tax (such as withholding tax) details as applicable including change in rates, date from which change effective etc. must be clearly indicated.

For M/s RAY & RAY
Chartered Accountants
FRN No. 301072E

(Signature)
Partner



(M.No. 051028)

For NHPC Limited

(Signature)
(A.K.Pandey)
CE (Compl.)
Commercial Division

Abstract of Admitted Capital Cost for the existing Projects

Name of the Petitioner :

NHPC Limited

Name of the Generating Station :

Teesta Low Dam-III Power Station

	Capital Cost as admitted by CERC	182919.45 Lakh*
a)	Capital cost admitted as on 31.03.2014	
	(Give reference of the relevant CERC Order with Petition No. & Date)	
b)	Foreign Component, if any (In Million US \$ or the relevant Currency)	
c)	Foreign Exchange rate considered for the admitted Capital cost (Rs Lakh)	
d)	Total Foreign Component (Rs. Lakh)	
e)	Domestic Component (Rs. Lakh.)	
f)	Hedging cost, if any, considered for the admitted Capital cost (Rs Lakh)	
	Total Capital cost admitted (Rs. Lakh) (d+e+f)	


* Cost as on 31.03.2014 (As per revised tariff forms filed with CERC in tariff petition 115/GT/2013.Tariff order yet to be issued by CERC).

For M/s RAY & RAY
Chartered Accountants
FRN No. 301072E

Partner 


(M.No. 057028)

For NHPC Limited


(A.K.Pandey)
CE (Comm.)
Commercial Division

Abstract of ~~Capital Cost~~ Estimates and Schedule of Commissioning for the New Projects

Name of the Petitioner : NHPC Limited
 Name of the Generating Station : Teesta Low Dam-III Power Station

New Projects

Capital Cost Estimates

Board of Director/ Agency approving the Capital cost estimates:	Not Applicable	
Date of approval of the Capital cost estimates:		
Price level of approved estimates	Present Day Cost As on End of ____ Qtr. Of the year	Completed Cost As on scheduled COD of the Station
Foreign Exchange rate considered for the Capital cost estimates		
Capital Cost excluding IDC, IEDC & FC		
Foreign Component, if any (In Million US \$ or the relevant currency)		
Domestic Component (Rs. Lakh)		
Capital cost excluding IDC, IEDC, FC, FERV & Hedging Cost (Rs. Lakh)	Not Applicable	
IDC, IEDC, FC, FERV & Hedging Cost		
Foreign Component, if any (In Million US \$ or the relevant currency)		
Domestic Component (Rs. Lakh)		
Total IDC, IEDC, FC, FERV & Hedging Cost (Rs. Lakh)	Not Applicable	
Rate of taxes & duties considered		
Capital cost including IDC, IEDC, FC, FERV & Hedging Cost		
Foreign Component, if any (In Million US \$ or the relevant currency)		
Domestic Component (Rs. Lakh)		
Capital cost including IDC, IEDC & FC (Rs. Lakh)	Not Applicable	
Schedule of Commissioning as per investment approval		
Scheduled COD of Unit-I		
Scheduled COD of Unit-II		
.....		
.....		
Scheduled COD of last Unit/Station		

Note:

1. Copy of approval letter should be enclosed
2. Details of Capital Cost are to be furnished as per FORM-5B or 5C as applicable.
3. Details of IDC & Financing Charges are to be furnished as per FORM-14.

For M/s RAY & RAY
 Chartered Accountants
 FRN No. 301072E

R. Singh
 Partner



(M. No. 051028)

For NHPC Limited

Aly
 (A.K.Pandey)
 CE (Comm.)
 Commercial Division

Break-up of Capital Cost for New Hydro Power Generating Station

Name of the Petitioner :
Name of the Generating Station :

NHPC Limited
Teesta Low Dam-III Power Station

(Amount in Lakh)

Sl. No.	Break Down	Original cost as approved by Authority/Investment Approval	Actual Capital Expenditure as on actual / anticipated COD	Liabilities / Provisions	Variation	Reason for Variation
1	2	3	4	5	6=3-4-5	7
1.0	Infrastructure Works					
1.1	Preliminary including Development					
1.2	Land *					
1.3	R&R Expenditure					
1.4	Buildings					
1.5	Township					
1.6	Maintenance					
1.7	Tools & Plants					
1.8	Communication					
1.9	Environment & Ecology					
1.10	Losses on stock					
1.11	Receipt & Recoveries					
1.12	Total (Infrastructure works)					
2.0	Major Civil Works					
2.1	Dam, Intake & Desilting Chambers					
2.2	HRT, TRT, Surge Shaft & Pressure shafts					
2.3	Power Plant civil works					
2.4	Other civil works (to be specified)					
2.5	Total (Major Civil Works)					
3.0	Hydro Mechanical equipments					
4.0	Plant & Equipment					
4.1	Initial spares of Plant & Equipment					
4.2	Total (Plant & Equipment)					
5.0	Taxes and Duties					
5.1	Custom Duty					
5.2	Other taxes & Duties					
5.3	Total Taxes & Duties					
6.0	Construction & Pre-commissioning expenses					
6.1	Erection, testing & commissioning					
6.2	Construction Insurance					
6.3	Site supervision					
6.4	Total (Const. & Pre-commissioning)					
7.0	Overheads					
7.1	Establishment					
7.2	Design & Engineering					
7.3	Audit & Accounts					
7.4	Contingency					
7.5	Rehabilitation & Resettlement					
7.6	Total (Overheads)					
8.0	Capital Cost without IDC, FC, FERV & Hedging Cost					
9.0	IDC, FC, FERV & Hedging Cost					
9.1	Interest During Construction (IDC)					
9.2	Financing Charges (FC)					
9.3	Foreign Exchange Rate Variation (FERV)					
9.4	Hedging Cost					
9.5	Total of IDC, FC, FERV & Hedging Cost					
10.0	Capital cost including IDC, FC, FERV & Hedging Cost					

Not Applicable

*Provide details of Freehold Land, Leasehold Land and Land under reservoir separately

Note:

- In case of cost variation, a detailed note giving reasons of such variation should be submitted clearly indicating whether such cost over-run was beyond the control of the generating company.
- In case of both time & cost overrun, a detailed note giving reasons of such time and cost over-run should be submitted clearly bringing out the agency responsible and whether such time and cost overrun was beyond the control of the generating company.
- The implication on cost due to time over run, if any shall be submitted separately giving details of increase in prices in different packages from scheduled COD to Actual COD/anticipated COD, increase in IEDC from scheduled COD to actual COD/anticipated COD and increase of IDC from scheduled COD to actual anticipated COD.
- Impact on account of each reason for Time over run on Cost of project should be quantified and substantiated with necessary documents and supporting workings.
- A list of balance work assets/work wise including initial spare on original scope of works along with estimate shall be furnished positively.

For M/s RAY & RAY
Chartered Accountants
FRN No. 301072E

Partner



(M. No. 051028)

For NHPC Limited

(A.K.Pandey)
CE (Comml.)
Commercial Division

Break-up of Capital Cost for Plant & Equipment (New Projects)

Name of the Petitioner : **NHPC Limited**
 Name of the Generating Station : **Teesta Low Dam-III Power Station**

(Amount in Lakh)

Sl. No.	Break Down	Original cost as approved by Authority/Investment Approval ¹ Total Cost	Cost on Actual/anticipated COD ¹ Total Cost	Variation	Reason for Variation *
1	2			3	4
1.0	Generator, turbine & Accessories				
1.1	Generator package				
1.2	Turbine package				
1.3	Unit control Board				
1.4	C&I package				
1.5	Bus Duct of GT connection				
1.6	Total (Generator, turbine & Accessories)				
2.0	Auxiliary Electrical Equipment				
2.1	Step up transformer				
2.2	Unit Auxiliary Transformer				
2.3	Local supply transformer				
2.4	Station transformer				
2.5	SCADA				
2.6	Switchgear, Batteries, DC dist. Board				
2.7	Telecommunication equipment				
2.8	Illumination of Dam, PH and Switchyard				
2.9	Cables & cable facilities, grounding				
2.10	Diesel generating sets				
2.11	Total (Auxiliary Elect. Equipment)				
3.0	Auxiliary equipment & services for power station				
3.1	EOT crane				
3.2	Other cranes				
3.3	Electric lifts & elevators				
3.4	Cooling water system				
3.5	Drainage & dewatering system				
3.6	Fire fighting equipment				
3.7	Air conditioning, ventilation and heating				
3.8	Water supply system				
3.9	Oil handling equipment				
3.10	Workshop machines & equipment				
3.11	Total (Auxiliary equipt. & services for PS)				
4.0	Switchyard package				
5.0	Initial spares for all above equipments				
6.0	Total Cost (Plant & Equipment) excluding IDC, FC, FERV & Hedging Cost				
7.0	IDC, FC, FERV & Hedging Cost				
7.1	Interest During Construction (IDC)				
7.2	Financing Charges (FC)				
7.3	Foreign Exchange Rate Variation (FERV)				
7.4	Hedging Cost				
7.5	Total of IDC, FC, FERV & Hedging Cost				
8.0	Total Cost (Plant & Equipment) including IDC, FC, FERV & Hedging cost				

Not Applicable

Note:

1. In case of cost variation, a detailed note giving reasons of such variation should be submitted clearly indicating whether such cost overrun was beyond the control of the generating company.

For M/s RAY & RAY
 Chartered Accountants
 FRN No. 301072E



For NHPC Limited

(Signature)
 (A.K.Pandey)
 CE (Comml.)
 Commercial Division

(M.No. 051028)

In case there is cost over run

Name of the Petitioner : NHPC Limited
 Name of the Generating Station : Teesta Low Dam-III Power Station

Sl. No.	Break Down	Original cost as approved by Board Members (Rs in Lakhs)	Actual/Estimated Cost as incurred/to be incurred (Rs Lakh)	Difference	Reason for Variation (Please submit supporting computations and documents wherever applicable)	Increase in soft cost due to increase in hard cost
		Total Cost	Total Cost	Total Cost		
1.0	Cost of Land & Site Development					
1.1	Land*					
1.2	Rehabilitation & Resettlement (R&R)					
1.3	Preliminary Investigation & Site Development					
2.0	Plant & Equipment					
2.1	Steam Generator Island					
2.2	Turbine Generator Island					
2.3	BOP Mechanical					
2.3.1	Fuel Handling & Storage system				Not Applicable	
2.3.2	External water supply system					
2.3.3	DM water Plant					
2.3.4	Clarification plant					
2.3.5	Chlorination Plant					
2.3.6	Fuel Handling & Storage system					
2.3.7	Ash Handling System					
2.3.8	Coal Handling Plant					
2.3.9	Rolling Stock and Locomotives					
2.3.10	MGR					
2.3.11	Air Compressor System					
2.3.12	Air Condition & Ventilation System					
2.3.13	Fire fighting System					
2.3.14	HP/LP Piping					
	Total BOP Mechanical					
2.4	BOP Electrical					
2.4.1	Switch Yard Package					
2.4.2	Transformers Package					
2.4.3	Switch gear Package					
2.4.4	Cables, Cable facilities & grounding					
2.4.5	Lighting					
2.4.6	Emergency D.G. set					
	Total BOP Electrical					
2.5	Control & Instrumentation (C & I) Package					
	Total Plant & Equipment excluding taxes & Duties					
3	Initial Spares					
4	Civil Works					
4.1	Main plant/Adm. Building					
4.2	CW system					
4.3	Cooling Towers					
4.4	DM water Plant					
4.5	Clarification plant					
4.6	Chlorination plant					
4.7	Fuel handling & Storage system					
4.8	Coal Handling Plant					
4.9	MGR & Marshalling Yard					
4.10	Ash Handling System					
4.11	Ash disposal area development					
4.12	Fire fighting System					
4.13	Township & Colony					
4.14	Temp. construction & enabling works					
4.15	Road & Drainage					
	Total Civil works					
5.0	Construction & Pre- Commissioning Expenses					
5.1	Erection Testing and commissioning					
5.2	Site supervision					
5.3	Operator's Training					
5.4	Construction Insurance					
5.5	Tools & Plant					
5.6	Start up fuel					
	Total Construction & Pre- Commissioning Expenses					
6.0	Overheads					
6.1	Establishment					
6.2	Design & Engineering					
6.3	Audit & Accounts					
6.4	Contingency					
	Total Overheads					
7.0	Capital cost excluding IDC & FC					
8.0	IDC, FC, FERV & Hedging Cost					
8.1	Interest During Construction (IDC)					
8.2	Financing Charges (FC)					
8.3	Foreign Exchange Rate Variation (FERV)					
8.4	Hedging Cost					
	Total of IDC, FC, FERV & Hedging Cost					
9.0	Capital cost including IDC, FC, FERV & Hedging Cost					

*Submit details of Freehold and Lease hold land
 Note: Impact on account of each reason for Cost overrun should be quantified and substantiated with necessary documents and supporting workings.

For M/s RAY & RAY
 Chartered Accountants
 FRN No. 301072E



(M.N.W. 051028)

For NHPC Limited

(Signature)
 (A.K. Pandey)
 CE (Confm.)
 Commercial Division

In case there is time over run

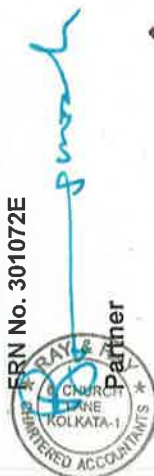
Name of the Petitioner : **NHPC Limited**
 Name of the Generating Station : **Teesfa Low Dam-III Power Station**

S. No.	Description of Activity/Works/Service	Original Schedule (As per Planning)		Actual Schedule (As per Actual)		Time Over-Run Days	Reasons for delay	Other Activity effected (Mention Sr No of activity affected)
		Start Date	Completion Date	Actual Start Date	Actual Completion Date			
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								

Not Applicable

1. Delay on account of each reason in case of time overrun should be quantified and substantiated with necessary documents and supporting workings.
2. Indicates the activities on critical path.

For M/s RAY & RAY
 Chartered Accountants
 ERN No. 301072E



(M.No. 051028)

For NHPC Limited

 (A.K.Pandey)
 CE (Comm.)
 Commercial Division

In case there is claim of additional RoE

Name of the Petitioner : **NHPC Limited**
 Name of the Generating Station : **Teesta Low Dam-III Power Station**

S. No.	Completion Time as per Investment approval (Months)				Actual Completion time			Qualifying time schedule (as per regulation) Months
	Start Date	Scheduled COD (Date)	Months	Installed Capacity	Start Date	Actual COD (Date)	Actual Completion time in Months	
Unit 1								
Unit 2								
Unit 3								
Unit 4								
....								
.....								

Not Applicable

Note: Necessary documentary evidence in support of actual completion time to be submitted in accordance with Regulation 5(1).

For M/s RAY & RAY

Chartered Accountants
 FRN No. 301072E

Ray

Partner



(M.No. 051028)

For NHPC Limited

A.K. Pandey

(A.K. Pandey)
 CE (Comm.)

Commercial Division

Financial Package upto COD

Name of the Company

NHPC Limited

Name of the Power Station

Teesta Low Dam-III Power Station

Project Cost as on COD¹

179042.91* LaCs

Date of Commercial Operation of the Station²

19.05.2013

(Amount in lacs)

1	Financial Package as Approved			Financial Package as on COD			As Admitted on COD	
	2	3	4	5	6	7	8	9
	Amount ³	Amount ³	Amount ³	Amount ³	Currency	Amount ³	Currency	Amount ³
FOREIGN LOAN				0				
LIC			INR	14000.00				
UCO BANK			INR	19166.67				
PFC LTD.			INR	32500.00				
PUNJAB & SIND BANK			INR	12000.00				
Q-SERIES BONDS			INR	4500.00				
R1 Series Bonds			INR	4920.00				
STATE BANK OF INDIA			INR	11500.00				
*FRESH BORROWINGS			INR	26743.37				
Total Loan				125330.04				
Equity								
GoI/IPO/IR			INR	53712.87				
TOTAL EQUITY				53712.87				
Debt : Equity Ratio	70:30							

* As per filed Petition. Order yet to be issued.

Note:

1. Say Rs. 80 Cr. + US\$ 200m or Rs.1320 Cr.including US\$ 200m at an exchange rate of US \$=Rs 62

2 Date of Commercial Operation means Commercial Operation of the last unit

3 For example : US \$, 200M etc.etc

For M/s RAY & RAY

Chartered Accountants

FRN No:301072E



Partner

(M.W.057028)

For NHPC Limited

(A.K.Pandey)

CE (Comml.)

Commercial Division

Details of Project Specific Loans

Name of the Petitioner

NHPC Limited

Name of the Generating Station

Teesta Low Dam-III Power Station

(Amount in lacs)

Particulars	Package1	Package2	Package3	Package4	Package5	Package6
1	2	3	4	5	6	7
Source of Loan ¹	PFC Ltd.	Normative Loan*				
Currency ²	INR	INR				
Amount of Loan sanctioned	50000	28468.07				
Amount of Gross Loan drawn upto 31.03.2009/COD ^{3,4,5,13,15}	50000	26743.37				
Interest Type ⁶	FLOATING with interest rate reset every third year. Presently 10.54% w.e.f 15.10.2013	Fixed				
Fixed Interest Rate, if applicable	N.A.	9.76%				
Base Rate, if Floating Interest ⁷	3Year AAA Bond Yield	N.A.				
Margin, if Floating Interest ⁸	0.50%	N.A.				
Are there any Caps/Floor ⁹	N.A.	N.A.				
If above is yes,specify caps/floor	N.A.	N.A.				
Moratorium Period ¹⁰	28 MONTHS	6 MONTHS				
Moratorium effective from	17-09-2007	19-05-2013				
Repayment Period ¹¹	10 YEARS	12 YEARS				
Repayment effective from	15-01-2010	19-11-2013				
Repayment Frequency ¹²	QUARTERLY	HALF YEARLY				
Repayment Instalment ^{13,14}	1250	1186.17				
Base Exchange Rate ¹⁶	N.A.	N.A.				
Are Foreign currency hedged?	N.A.	N.A.				
If above is yes,specify details. ¹⁷	N.A.	N.A.				

¹ Source of loan means the agency from whom the loan has been taken such as WB, ADB, WMB, PNB, SBI, ICICI, IFC, PFC etc.

² Currency refers to currency of loan such as US\$, DM, Yen, Indian Rupee etc.

³ Details are to be submitted as on 31.03.2014 for existing assets and as on COD for the remaining assets.

⁴ Where the loan has been refinanced, details in the Form is to be given for the loan refinanced. However, the details of the original loan is to be given separately in the same form.

⁵ If the Tariff in the petition is claimed separately for various units, details in the Form is to be given separately for all the units in the same form.

⁶ Interest type means whether the interest is fixed or floating.

⁷ Base rate means the base as PLR, LIBOR etc. over which the margin is to be added. Documentary evidence for applicable base rate on different dates from the date of drawl may also be enclosed.

⁸ Margin means the points over and above the floating rate.

⁹ At times caps/floor are put at which the floating rates are frozen. If such a condition exists, specify the limits.

¹⁰ Moratorium period refers to the period during which loan servicing liability is not required.

¹¹ Repayment period means the repayment of loan such as 7 years, 10 years, 25 years etc.

¹² Repayment frequency means the interval at which the debt servicing is to be done such as monthly, quarterly, half yearly, annual, etc.

¹³ Where there is more than one drawl/repayment for a loan, the date & amount of each drawl/repayment may also be given separately.

¹⁴ If the repayment instalment amount and repayment date can not be worked out from the data furnished above, the repayment schedule to be furnished separately.

¹⁵ In case of Foreign loan, date of each drawl & repayment alongwith exchange rate at that date may be given with documentary evidence.

¹⁶ Base exchange rate means the exchange rate prevailing as on 31.03.2014 for existing assets and as on COD for the remaining assets.

¹⁷ In case of hedging specify the details like type of hedging, period of hedging, cost of hedging etc.

¹⁸ In case of foreign loans, provide details of exchange rate considered on date of each repayment of principal and date of interest payment.

¹⁹ At the time of truing up rate of interest with relevant reset date (if any) to be furnished separately

²⁰ At the time of truing up provide details of refinancing of loans considered earlier. Details such as date on which refinancing done, amount of refinanced loan, terms and conditions of refinanced loan, financing and other charges incurred for refinancing etc.

²¹ Call or put option, if any exercised by the generating company for refinancing of loan

²² Copy of loan agreement

For M/s RAY & RAY
Chartered Accountants
FRN No. 301072E



(M.No. 001028)

For NHPC Limited

A.K. Pandey
(A.K. Pandey)
CE (Comm.)

Commercial Division

Details of Allocation of corporate loans to various projects

Name of the Petitioner : NHPC Limited
Name of the Generating Station : Teesta Low Dam-III Power Station

(Amount in lacs)

Particulars	Package 1	Package 2	Package 3	Package 4	Package 5	Package 6	Package 7	Package 8	Remarks
1	2	3	4	5	6	7	8	9	
Source of Loan ¹	LIC	UCO BANK	Q-SERIES BONDS	Punjab & Sind Bank	State Bank of India	State Bank of Hyderabad	R-1 SERIES BONDS		
Currency ²	INR	INR	INR	INR	INR	INR	INR		
Amount of Loan sanctioned	650000	100000	126600	20000	100000	50000	8220		
Amount of Gross Loan drawn upto 31.03.2009/COD ^{3,4,5,13,15}	189600	100000	126600	20000	50000	10000	8220		
Interest Type ⁶	Fixed	Floating	Fixed	Floating	Floating	Floating	Fixed		
Fixed Interest Rate, if applicable	N.A.	N.A.	9.25%	N.A.	N.A.	N.A.	8.70%		
Base Rate, if Floating Interest ⁷	Annualized yield of 13 year G-Sec. rate + 75 bps up to 31.03.2012, Weighted Average applicable rate of 9.118% w.e.f. 01.04.2012	Base Rate	N.A.	Base Rate	Base Rate	Base Rate	N.A.		
Margin, if Floating Interest ⁸	75bps	Nil	Nil	Nil	0.49%	Nil	Nil		
Are there any Caps/Floor ⁹	Yes	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.		
If above is yes, specify caps/floor	6.5%(Floor)	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.		
Moratorium Period ¹⁰	7 Years 2&1/2 Months	3 YEARS	4 YEARS	3 YEARS	3 YEARS	3 YEARS	2 YEARS		
Moratorium effective from	17-02-2005	31-12-2009	12-03-2012	16-01-2012	27-06-2013	28-03-2013	11-02-2013		
Repayment Period ¹¹	12 Years	12 Years	12 YEARS	12 Years	12 Years	12 Years	12 YEARS		
Repayment effective from	30-04-2012	31-12-2012	12-03-2016	17-01-2015	27-06-2016	28-03-2016	11-02-2015		
Repayment Frequency ¹²	HALF YEARLY	HALF YEARLY	ANNUALLY	QUARTERLY	QUARTERLY	QUARTERLY	ANNUALLY		
Repayment Instalment ^{13,14}	7900	4166.67	10550	416.67	1041.67	208.33	685		
Base Exchange Rate ¹⁵	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.		
Are Foreign currency hedged?	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.		
If above is yes, specify details. ¹⁷	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.		
	Distribution of loan packages to various projects								
Name of the Projects									Total
Sewa-II	13600								13600
TLDP-III	16000	20000	4500	12000	17000	1925	4920		76345
Uri-II	23078	60000	6000	1000	15600	6125	2904		114707
Subansiri Lower	72841		86600		8000	3025			170466
Chamera-III	27850		6000						33850
Parbati-III	31153	20000	9000	7000	10000	11875			89028
Nimmo-Bazgo	5078					10000	204		15282
Parbati-II			14000		30400	9900			54300
Chutak			500		358		192		1050
Kishanganga					142	3575			3717
TLDP-IV					18500	3575			22075
Total	189600	100000	126600	20000	100000	50000	8220		594420

² Currency refers to currency of loan such as US\$, DM, Yen, Indian Rupee etc.³ Details are to be submitted as on 31.03.2014 for existing assets and as on COD for the remaining assets.⁴ Where the loan has been refinanced, details in the Form is to be given for the loan refinanced. However, the details of the original loan is to be given separately in the same form.⁵ If the Tariff in the petition is claimed separately for various units, details in the Form is to be given separately for all the units in the same form.⁶ Interest type means whether the interest is fixed or floating.⁷ Base rate means the base as PLR, LIBOR etc. over which the margin is to be added. Documentary evidence for applicable base rate on different dates from the date of drawl may also be enclosed.⁸ Margin means the points over and above the floating rate.⁹ At times caps/floor are put at which the floating rates are frozen. If such a condition exists, specify the limits.¹⁰ Moratorium period refers to the period during which loan servicing liability is not required.¹¹ Repayment period means the repayment of loan such as 7 years, 10 years, 25 years etc.¹² Repayment frequency means the interval at which the debt servicing is to be done such as monthly, quarterly, half yearly, annual, etc.¹³ Where there is more than one drawl/repayment for a loan, the date & amount of each drawl/repayment may also be given separately.¹⁴ If the repayment instalment amount and repayment date can not be worked out from the data furnished above, the repayment schedule to be furnished separately.¹⁵ In case of Foreign loan, date of each drawl & repayment alongwith exchange rate at that date may be given with documentary evidence.¹⁶ Base exchange rate means the exchange rate prevailing as on 31.03.2014 for existing assets and as on COD for the remaining assets.¹⁷ In case of hedging specify the details like type of hedging, period of hedging, cost of hedging etc.¹⁸ In case of foreign loans, provide details of exchange rate considered on date of each repayment of principal and date of interest payment¹⁹ At the time of truing up rate of interest with relevant reset date (if any) to be furnished separately²⁰ At the time of truing up provide details of refinancing of loans considered earlier. Details such as date on which refinancing done, amount of refinanced loan, terms and conditions of refinanced loan, financing and other charges incurred for refinancing etc.²¹ Call or put option, if any exercised by the generating company for refinancing of loan²² Copy of loan agreement

For M/s RAY & RAY
Chartered Accountants
FRN No. 301072E



For NHPC Limited

(A.K.Pandey)
CE (Comm.)
Commercial Division

(M.N. 05/028)

LOAN DISBURSEMENT DETAILS & INTEREST RATE OF TLDP-III												
Sl. No	Name of the FI/ Loan	Date of Disbursement	Amount of Drawl (Rupees in Lakhs)	Rate of Interest on the Date of Drawl	Rate on Interest on the date of Reset	Date of reset	Rate on Interest on the date of Reset	Date of reset	Rate on Interest on the date of Reset	Date of reset	Rate on Interest on the date of Reset	Date of reset
1	Life Insurance Corporation of India Ltd	22-05-2006	1000.00	8.65%	9.118%	01.04.2012						
		24-07-2006	3500.00	9.53%	9.118%	01.04.2012						
		28-03-2007	11500.00	9.11%	9.118%	01.04.2012						
			16000.00									
2	UCO BANK	25-03-2010	10000.00	8.60%	9.35%	31.12.2010	11.35%	31.12.2011	10.50%	31.12.2012	10.20%	11.02.2013
		29-06-2010	10000.00	8.60%	9.35%	31.12.2010	11.35%	31.12.2011	10.50%	31.12.2012	10.20%	11.02.2013
			20000.00									
3	POWER FINANCE CORPORAT ION	26-09-2007	11700.00	9.85%	8.62%	15.10.2010	10.54%	15.10.2013				
		27-09-2007	300.00	9.83%	8.62%	15.10.2010	10.54%	15.10.2013				
		26-12-2007	3000.00	9.70%	8.62%	15.10.2010	10.54%	15.10.2013				
		18-03-2008	6000.00	9.90%	8.62%	15.10.2010	10.54%	15.10.2013				
		16-06-2008	11500.00	10.35%	8.62%	15.10.2010	10.54%	15.10.2013				
		25-09-2008	800.00	11.71%	8.62%	15.10.2010	10.54%	15.10.2013				
		26-09-2008	5800.00	11.75%	8.62%	15.10.2010	10.54%	15.10.2013				
		29-09-2008	2200.00	11.70%	8.62%	15.10.2010	10.54%	15.10.2013				
		25-03-2009	8700.00	8.82%	8.62%	15.10.2010	10.54%	15.10.2013				
			50000.00									
4	PUNJAB & SIND BANK	17-01-2012	8000.00	10.75%	10.50%	01.05.2012	10.25%	01.03.2013				
		27-06-2012	4000.00	10.50%			10.25%	01.03.2013				
			12000.00									
5	STATE BANK OF HYDRABAD	27-08-2013	1925.00	10.20%								
			1925.00									
6	STATE BANK OF INDIA	28-03-2013	11500.00	10.19%	10.29%	19.09.2013	10.49%	07.11.2013				
		27-06-2013	5500.00	10.19%	10.29%	19.09.2013	10.49%	07.11.2013				
			17000.00									
7	Q-Series Bonds	12-03-2012	4500.00	9.25%								
			4500.00									
8	R1- SERIES BOND	11-02-2013	4919.99	8.70%								
			4919.99									
TOTAL (1+2+3+4+5)			126344.99									



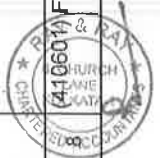
Ag

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner : NHPC LIMITED
 Name of the Generating Station : TEESTA LOW DAM - III POWER STATION
 COD : 19.05.2013

For Financial Year : 2014-15

Sl. No.	Head of Work / Equipment	ACE Claimed (Actual / Projected)			Regulation under which claimed	Justification	Admitted Cost by the Commission, if any
		Accrual basis	Un-discharged Liability included in col.3	Cash basis			
1	(410121) Compensation payment for settlements located on the periphery of reservoir rim.	400.00	0	400.00	Regulation 14 (1) (ii)	Subsequent to filling of reservoir during operation of the power station and occurrence of the major natural disaster in Uttarakhand during 2013, the people residing in the close periphery of reservoir rim have approached the local administration for their safety. In turn Gorkha Territorial Administration has asked NHPC to relocate around 84 families with suitable compensation. The provision has been kept in the RCE of the power station.	9
2	(410601) Work related to rectification work of Spillway bays S-5 to S-7	120.00	0	120.00	Regulation 14 (1) (ii)	It is a part of RCE and has been executed to rectify the sill beam of 3 no. radial gates with High Performance Concrete for efficient operation of Powerhouse.	
3	(410601) Balance concrete and shuttering in and around Barrage area including form work and admixtures	30.00	0	30.00	Regulation 14 (1) (ii)	The work is part of RCE and required for miscellaneous areas such as parapets, channelising of water, 2nd stage concrete for stoplogs on downstream etc.	29
4	(410601) Reinforcement for Major work	561.86	0	561.86	Regulation 14 (1) (ii)	The amount is part of RCE and is related to payment of conventional laps in place of mechanical couplers.	
5	(410601) Balance bituminous and joint sealing work of Barrage	15.00	0	15.00	Regulation 14 (1) (ii)	The work is part of RCE and is to be executed for sealing of joints as per Tech Specs.	
6	(410601) Railing, ladders and gratings at different locations at Barrage and Cellular Wall	40.00	0	40.00	Regulation 14 (1) (ii)	It is part of RCE and balance works of ladders, railing and grating in Barrage and Cellular wall.	
7	(410601) Balance Architectural work at Barrage Control Room and DG Room including silt lab & transit camp	50.00	0	50.00	Regulation 14 (1) (ii)	It is part of RCE , balance painting work of Barrage control room, Power pack room and beautification work of Barrage. In addition to above silt lab, oil storage room, mechanical workshop and a transit camp for shift personnel is under construction at Barrage top for efficient operation of PS.	
	(410601) Fencing, gate around Barrage area	20.00	0	20.00	Regulation 14 (1) (ii)	It is part of DPR. Fencing is required on the left bank area as per safety requirement.	

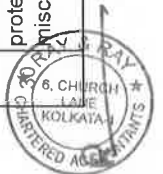


9	(410601) Left Bank Protection work of Barrage	50.00	0	50.00	Regulation 14 (1) (ii)	It is part of RCE and the work is required for restoration of left bank hill slope which has got extensively eroded during construction of the project and 2nd phase diversion.
10	(410601) Balance Instrumentation work at Barrage	30.00	0	30.00	Regulation 14 (1) (ii)	It is part of RCE, instrument to be installed like AWS, Seismograph and purchase of software for data access from anywhere.
11	(410601) Electrification and Illumination of Barrage area	25.00	0	25.00	Regulation 14 (1) (ii)	It is part of DPR. It is a part of original work and related to illumination of barrage. The work has been completed in April, 2014.
12	(410601) Work of Barrage outlet area	100.00	0	100.00	Regulation 14 (1) (ii)	It is part of RCE and the work is required for efficient generation. The river during monsoon carries very high bed material which gets deposited in the outlet of Barrage thereby causing higher river water level at TRC outlet. Removal of these will lower the water level at the outlet area and enhance the net head for efficient operation of power station.
13	(410601) Escalation payment (Lot TL-1) Major Civil Works.	200.00	0	200.00	Regulation 14 (1) (i)	It is a part of RCE for escalation payment beyond October 2012 to final time extension upto February 2013.
14	(410606) Work of TRC outlet area	50.00	0	50.00	Regulation 14 (1) (ii)	It is a part of RCE and the work is essentially required to guide the flow from TRC outlet in to the main river channel without damaging the vulnerable right bank hill slope for efficient operation of power house.
15	(410602) Slope treatment of Intake area	10.00	0	10.00	Regulation 14 (1) (ii)	The intake slope remains exposed due to weathering and damages to the support system, hence proper concrete cladding, shotcrete, pressure relief arrangements etc. is necessary for long term sustainability of intake structure. The work is a part of RCE.
16	(410301) Balance concrete and shutter work around Power House area including form work and admixtures	25.00	0	25.00	Regulation 14 (1) (ii)	It is a part of RCE and the work is required for parapets, 2nd stage concrete, concrete for sewerage and water supply.
17	(410301) Balance bituminous and joint sealing work of Power house	20.00	0	20.00	Regulation 14 (1) (ii)	It is a part of RCE and the work is essential for structural safety and longevity of the power house.
18	(410301) Railing, ladders and gratings at different locations at Power House, TRC, GIS and other area	30.00	0	30.00	Regulation 14 (1) (ii)	It is a part of RCE and is required for providing railings and other miscellaneous steel works for power house, GIS and control block area.
19	(410301) Balance Architectural work at Power House and GIS	40.00	0	40.00	Regulation 14 (1) (ii)	It is part of DPR. It is a part of original work and is to be executed as per technical specifications and drawings issued for power house.
	(410301) Water supply and sewerage System including treatment plants of Power House	50.00	0	50.00	Regulation 14 (1) (ii)	This is part of RCE and the work is essentially required for supplying water for all operational staff and other establishments located at site.



AM

21	(410606) Drains and slope protection work along approach road to Service bay & Barrage	40.00	0	40.00	Regulation 14 (1) (ii)	It is a part of RCE and work is required mainly on account of right bank slope which is extremely vulnerable to settlement during monsoon and efficient drainage system is required to keep the slope intact.
22	(410606) Electrification and Illumination of Power house area	15.00	0	15.00	Regulation 14 (1) (ii)	It is part of DPR. It is a part of original work and is to be executed as per technical specifications for illumination of for power house area.
23	(410321) Barrack, quarters & other establishment work for CISF	30.00	0	30.00	Regulation 14 (1) (ii)	It is under Revised Cost Estimate. And work is required for construction of Infrastructure after induction of CISF
24	(410321) Terrace development for non-residential building at Sector-A	3.00	0	3.00	Regulation 14 (1) (ii)	It is under Revised Cost Estimate and work is required for development of terrace of non residential building.
25	(410321) Extension of office Building at Open terrace at Sector-C &A	10.00	0	10.00	Regulation 14 (1) (ii)	It is a part of Revised Cost Estimate under O-Misc & P-Maintenance. Administrative building at Sector-C &A has not sufficient rooms for accomodating employees as such a new office building is required for smooth execution of the works
26	(410321) Extension of NonExecutive Field Hostel	20.00	0	20.00	Regulation 14 (1) (ii)	It is part of RCE. In view of increase in visiting staffs for Operation related works of Power House the present rooms in NE field hotel become insufficient. As such its extension is essential.
27	(410321) Extension of KV at Sector-A	10.00	0	10.00	Regulation 14 (1) (ii)	It is a part of Revised Cost Estimate under O-Misc. There is no class above Standered-8 in KV school. Employees have to shift outside Power Station for education of their children. Extension of classes in KV will facilitate the employees to stay in Power Station area.
28	(410321) Construction of Officers club and Badminton Court	20.00	0	20.00	Regulation 14 (1) (ii)	It is a part of Revised Cost Estimate under P-Maintenance. The colony at Sector-F&A are constructed far from market and it is in isolated area. Dwellers have no facility of gathering and entertaining themselves. Officer's club and Badminton court will refresh them for their health and increase ability to perform their official works.
29	(410321) Construction of protection walls below Qtrs./field hostels/ office/ guest house	10.00	0	10.00	Regulation 14 (1) (ii)	It is part of Revised Cost Estimate. Colony at Sector-A & F is constructed at filling area ,as such its construction of wall is necessary for keeping Qtrs./Field hostel intact.
	(410321) Ground development and protection work with fencing and other miscellaneous work for CISF, Sector-F	10.00	0	10.00	Regulation 14 (1) (ii)	It is part under Revised Cost Estimate. For safety of inhabitants from miscreants and wild animals fencing and related construction is needed.



AS

31	(410321) Roof treatment and painting of residential buildings at Sec-A & F	15.00	0	15.00	Regulation 14 (1) (ii)	It is under Revised Cost Estimate. Because of aging of colony leakage is being observed from its roof. Therefore its treatment is required.
32	(410321) Protection work at Sec-A, C, D1 & F colony	5.00	0	5.00	Regulation 14 (1) (ii)	It is under Revised Cost Estimate. To provide stability in permanent buildings in these areas this work is required.
33	(410201) Carpeting works for colony roads at Sector - A, C & F	50.00	0	50.00	Regulation 14 (1) (ii)	Within Original Scope of Work under Revised Cost Estimate
34	(410201) Main Access Road to barrage and power house from National Highway and bridge over railey khola on the left bank.	50.00	0	50.00	Regulation 14 (1) (ii)	This is part of original work and due to construction works, the carpeting and finishing of the road is being taken up now. Moreover, the dismantled bailey bridge of barrage is being erected over railey khola to provide access to the dumping yard on the left bank for management of the same and also additional dumping required for barrage outlet works etc. The bridge shall also provide access to the left bank villages and improve the harmony for smooth operation of power station.
35	(410601) Reservoir Rim Treatment works	800.00	0	800.00	Regulation 14 (1) (ii)	RRT works for Teesta Low Dam - III Power Station had to be reformulated on the basis of actual site condition and geology and existence of National High Way and villages almost all along the reservoir periphery. The NH is lifeline to state of Sikkim and also strategically vital link due to Indo-China boarder. Thus, additional works which are part of RCE and also in progress are required to be completed within cut off date.
36	(410601) Restoration works for dumping site	10.00	0	10.00	Regulation 14 (1) (ii)	The work is part of original scope and the same is required for proper restoration of existing dumping sites.
37	(410601) Land scaping and beautification works of barrage site	2.00	0	2.00	Regulation 14 (1) (ii)	The work is part of original scope and is required for beautification of power station.
38	(410601) Wild life conservation activities	3.00	0	3.00	Regulation 14 (1) (ii)	Within Original Scope of Work under Revised Cost Estimate and for biodiversity study after execution.
39	(410601) Solid waste management and sanitary facility	9.00	0	9.00	Regulation 14 (1) (ii)	Within Original Scope of Work under Revised Cost Estimate and for disposal of solid waste of colony/Power Station.
40	(410601) Air pollution assessment & monitoring	1.50	0	1.50	Regulation 14 (1) (ii)	Within Original Scope of Work under Revised Cost Estimate and statutory compliance.
	(410601) Works related with Disaster Management	15.00	0	15.00	Regulation 14 (1) (ii)	Within Original Scope of Work under Revised Cost Estimate and to mitigate any occurrence of natural calamity/disaster in the Power Station.



42	(410601) Works related with socio economic upliftment & local area development	100.00	0	100.00	Regulation 14 (1) (ii)	It is part of RCE and the same is for providing alternative eco-tourism measures for the rafting community whose livelihood has got affected on account of reservoir impoundment.
43	(410601) Establishment of environmental cell for environmental studies in project	7.50	0	7.50	Regulation 14 (1) (ii)	Within Original Scope of Work under Revised Cost Estimate
44	(410701) Supply of remaining items in r/o of Lot-2 E&M works	38.08	0	38.08	Regulation 14 (1) (ii)	Within Original Scope of Work under Revised Cost Estimate
45	(410701) Change order due to Fire Fighting System	6.76	0	6.76	Regulation 14 (1) (ii)	Within Original Scope of Work under Revised Cost Estimate
46	(410701) Implementation of RGMO for all units as per IEGC Regulation	22.80	0	22.80	Regulation 14 (1) (ii)	Within Original Scope of Work under Revised Cost Estimate and has to be installed as per IEGC Regulation.
47	(410701) Remaining payment on account of Taxes and duties in respect of Supply portion of E&M works and against cost compensation claim of the Contractor.	378.20	0	378.20	Regulation 14 (1) (ii)	Within Original Scope of Work under Revised Cost Estimate
48	(410701) Remaining work on account of Second contract of E&M package (Installation & Transportation)	181.42	0	181.42	Regulation 14 (1) (ii)	Within Original Scope of Work under Revised Cost Estimate
49	(410701) Remaining part of Escalation for second contract for E&M package (Installation & Transportation)	691.50	0	691.50	Regulation 14 (1) (ii)	Within Original Scope of Work under Revised Cost Estimate
50	(410701) Proposed change order for modification of shaft seal system and cooling water system.	139.20	0	139.20	Regulation 14 (1) (ii)	Within Original Scope of Work under Revised Cost Estimate
51	(410608) Remaining work on account of first contract(Supply) of HM Package	250.00	0	250.00	Regulation 14 (1) (ii)	Within Original Scope of Work under Revised Cost Estimate
52	(410608) Remaining part of Escalation for First Contract (Supply) of HM package	27.97	0	27.97	Regulation 14 (1) (ii)	Within Original Scope of Work under Revised Cost Estimate
53	(410608) Remaining work on account of Second contract (Installation & Transportation) of HM package	80.00	0	80.00	Regulation 14 (1) (ii)	Within Original Scope of Work under Revised Cost Estimate
54	(411508) Tata Mini Truck, Tata 407	12.00	0	12.00	Regulation 14 (1) (ii)	Within Original Scope of Work under Revised Cost Estimate
55	(411508) Half Body Tata Truck, LPT 1109	18.00	0	18.00	Regulation 14 (1) (ii)	Within Original Scope of Work under Revised Cost Estimate
56	(411507) Swaraj Mazda Bus, 7 Seater	18.00	0	18.00	Regulation 14 (1) (ii)	Within Original Scope of Work under Revised Cost Estimate
57	(411504) Pick & Carry Crane -10MT capacity	11.72	0	11.72	Regulation 14 (1) (ii)	Within Original Scope of Work under Revised Cost Estimate
58	(411502) Ambulance (AC) - fully equipped	10.13	0	10.13	Regulation 14 (1) (ii)	Within Original Scope of Work under Revised Cost Estimate
59	(411130) Hydraulic Torque wrench	17.00	0	17.00	Regulation 14 (1) (ii)	Within Original Scope of Work under Revised Cost Estimate
	(411130) Hydraulic combination puller	5.00	0	5.00	Regulation 14 (1) (ii)	Within Original Scope of Work under Revised Cost Estimate
	(411130) Special Hilti Tools	20.00	0	20.00	Regulation 14 (1) (ii)	Within Original Scope of Work under Revised Cost Estimate
	(411130) Hydraulic nut splitter	5.00	0	5.00	Regulation 14 (1) (ii)	Within Original Scope of Work under Revised Cost Estimate



AG

63	(411508) Hydraulic jacks with cylinder	3.00	0	3.00	Regulation 14 (1) (ii)	Within Original Scope of Work under Revised Cost Estimate
64	(411508) Fire Tender - 6KL capacity	35.65	0	35.65	Regulation 14 (1) (ii)	Within Original Scope of Work under Revised Cost Estimate
65	(411130) Special tool & tackles like gas cutting se., regulators, electric winch, hydraulic jack, chain pulley etc.	28.80	0	28.80	Regulation 14 (1) (ii)	Under Revised Cost Estimate
66	(411201) Water Treatment plant at Store Complex, Sector-A	30.00	0	30.00	Regulation 14 (1) (ii)	Within Original Scope of Work under Revised Cost Estimate. The drinking water supply for the colony is untreated. Colony dwellers always complaining regarding untreated water. Their health is also affected by this water. As such water treatment plant is essential.
67	(411201) Water supply pipeline for Sector-A, C & F anc furnishing of fittings	35.00	0	35.00	Regulation 14 (1) (ii)	Within Original Scope of Work under Revised Cost. Original surce from where water is collected for supply of colony is going to be depleted and a other perenial source of water has been searched for further supply. For fetching water from that source pipe line is required.
68	(411201) Construction of Water Tank for Sector- A, C & F (Residential colony and administrative building)	15.00	0	15.00	Regulation 14 (1) (ii)	Within Original Scope of Work under Revised Cost.
69	(411202) Construction of catch water drain of Colony	7.00	0	7.00	Regulation 14 (1) (ii)	This is the part of Original Scope of Work under Revised Cost. Construction of drainage system is required due to location of the colony in hilly region.
70	(412503) Construction of sheds at site	75.00	0	75.00	Regulation 14 (1) (ii)	Within Original Scope of Work under Revised Cost. Construction of shed near Power Station is required for shift duty employees and service engineers.
71	(410903) Supply & installation of 33 KVA sub-station	200.00	0	200.00	Regulation 14 (1) (ii)	Within Original Scope of Work under Revised Cost Estimate and is dedicated line for running the Station Auxiliaries of Powerhouse.
72	(412503) Providing of fire extinguishers and other security systems for residence & office premises	15.00	0	15.00	Regulation 14 (1) (ii)	Within Original Scope of Work under Revised Cost Estimate
73	(412003) Purchase of Photocopier	2.00	0	2.00	Regulation 14 (1) (ii)	Within Original Scope of Work under Revised Cost Estimate
74	(411804) Purchase of Microwave Link	4.00	0	4.00	Regulation 14 (1) (ii)	Under Revised Cost Estimate
75	(411804) Purchase of CCTV	30.00	0	30.00	Regulation 14 (1) (ii)	Under Revised Cost Estimate for powerhouse
76	(411804) Purchase of Walky-Talki, Wi-Fi and LAN	14.00	0	14.00	Regulation 14 (1) (ii)	Under Revised Cost Estimate
77	(411801) Purchase of computers & laptop	33.00	0	33.00	Regulation 14 (1) (ii)	Under Revised Cost Estimate
	(411803) Purchase of computer accessories viz printer, UPS etc	5.50	0	5.50	Regulation 14 (1) (ii)	Under Revised Cost Estimate



My

34

79	(411707) Creation of Children park, garden & welfare centres	5.00	0	5.00	Regulation 14 (1) (ii)	Within Original Scope of Work under Revised Cost Estimate. As we know that the colony is far from city and it is in remote location. Therefore children park in the colony should be developed for proper growing & overall development of children.	
80	(411707) Furnishing of Rest House & Field Hostels	10.00	0	10.00	Regulation 14 (1) (ii)	Within Original Scope of Work under Revised Cost Estimate. In view of the maintaining smooth operation of power house service engineers & shift duty employees used to stay in the guest house frequently. As such it should be properly furnished. presently the walls paints of guest house has worn out due to ageing. further more furniture are become old and requires to be replaced. Therefore these should be furnished accordingly.	
81	(411701) Purchase of security gadgets, security cabins etc for CISF	9.01	0	9.01	Regulation 14 (1) (ii)	Within Original Scope of Work under Revised Cost Estimate and subsequent requirement after deployment of CISF	
82	(411701) Purchase of office furniture/modular system	54.50	0	54.50	Regulation 14 (1) (ii)	Within Original Scope of Work under Revised Cost Estimate and subsequent requirement after deployment of CISF	
83	(410701) Purchase of Drainage pump	12.00	0	12.00	Regulation 14 (1) (iii)	No spare drainage pump has been supplied under the E&M package, therefore one no. drainage pump is required as spare to meet any contingency plan. This is part of revised cost estimate.	35
84	(410701) Purchase of Dewatering pump	12.00	0	12.00	Regulation 14 (1) (iii)	No spare dewatering pump has been supplied under the E&M package, therefore one no. drainage pump is required as spare to meet any contingency plan. This is part of revised cost estimate.	
85	(410701) Centrifuging oil filtration plant for Turbine & Gen Bearing oil	12.00	0	12.00	Regulation 14 (1) (iii)	The Power Station has four units. Each unit is having two guide bearings i.e TGB and LGB in addition to hydraulic units for governor. During the last one year of operation necessity of additional filtration plant has been realised to cater simultaneous filtration of the oil in different units. This is part of revised cost estimate.	
86	(410701) Electrostatic Oil Filtration Machine	8.00	0	8.00	Regulation 14 (1) (iii)	The said filtration plant is essential for filtration of governor oil and is not available with the Power Station. This is part of revised cost estimate.	
87	(410303) Construction of water tank near GIS for augmentation of cooling system.	20.00	0	20.00	Regulation 14 (1) (ii)	In order to curtail excessive erosion of the shaft seal due to silt laden water of TRC, the cooling system is enhanced by providing silt free water for which the construction of this reservoir tank is essentially required. This will lead to improved operation of power station.	



Ag

88	(410701) Purchase of cyclone separator	15.00	0	15.00	Regulation 14 (1) (ii)	One no. cyclone separator is supplied as spare under E&M package. One no. additional cyclone separator of different make is required to be installed as per the recommendation of the manufacturer in order to increase the efficiency of shaft seal cooling water system. The same separator may be installed in parallel to the existing one or in series to enhance performance and to reduce silt content in the shaft seal cooling water circuit. Rate of the item is as per recent offer from the firm.
89	(410701) Purchase of 2 no. submercible pump 65 HP for the scheme of clean water supply for shaft seal system	17.00	0	17.00	Regulation 14 (1) (ii)	Due to heavy silt witnessed by the Power Station in the first monsoon season and frequent failure of the shaft seal and cooling water components, a separate scheme for providing clean water to shaft seal is being implemented by making a separate concrete tank. This scheme requires 2 nos. of submercible pumps of 65 HP and 2 nos. submercible pumps of 3 HP for lifting clean water from various places and filling into the tank for providing clean water to the shaft seal assembly. Rate of the item is as per recent offer from the firm. Rate of piping is as per schedule of rates/DSR.
90	(410701) Purchase of 2 no. submercible pump of 3 HP with starter panel for the scheme of clean water supply for shaft seal system	1.50	0	1.50	Regulation 14 (1) (ii)	
91	(410701) Providing and fixing of pipe line for the scheme of supply of clean water supply to the shaft seal system	7.00	0	7.00	Regulation 14 (1) (ii)	
92	(410701) Purchase of 4 no. submercible pump of 3 HP with starter panel.	3.00	0	3.00	Regulation 14 (1) (ii)	Due to heavy silt witnessed by the power station in the monsoon period and frequent flooding of the turbine pit, the turbine oil in the turbine guide bearing was required to be replaced every time after flooding of the pit. In order to avoid flooding of the turbine pit a separate submersible pump in all four units have been placed.
93	(430601) Lowering of river bed on the downstream of TRC	160.57	27.92	132.65	Regulation 14 (1) (ii)	CWIP-DAMS AND BARRAGES as on 31.03.2014
94	(430601) Providing & Laying of Bitumen mastic wearing course road to barrage top	23.74	22.31	1.43	Regulation 14 (1) (ii)	CWIP-DAMS AND BARRAGES as on 31.03.2014
95	(430328) Construction of silt lab and transit room at D/S Barrage of Cellular Wall	30.64	14.81	15.83	Regulation 14 (1) (ii)	CWIP-BUILDINGS-OTHERS as on 31.03.2014

Ag



96	(430329) Left bank slope protection by crate work and RBM filling up to EL 220.00 M from Barrage axis to D/s end of guide wall at TLDP-III	178.31	44.64	133.67	Regulation 14 (1) (ii)	CWIP-OTHER CIVIL WORKS as on 31.03.2014	
97	(430329) Widening of TRC outlet area with toe protection work	104.19	18.11	86.08	Regulation 14 (1) (ii)	CWIP-OTHER CIVIL WORKS as on 31.03.2014	
98	(430329) Construction of main gate at 'O' point and near 33 KV building to access road from NH-31A to Power House	11.73	0.59	11.14	Regulation 14 (1) (ii)	CWIP-OTHER CIVIL WORKS as on 31.03.2014	
99	(430329) Providing dining hall by extension of canteen, connecting shed from barrack to canteen and railing on upper terrace toward C/ISF barrack	1.47	1.35	0.12	Regulation 14 (1) (ii)	CWIP-OTHER CIVIL WORKS as on 31.03.2014	
100	(431201) Construction of new water tank at Store complex for water supply at colonies of TLD-III Power Station	2.95	2.80	0.15	Regulation 14 (1) (ii)	CWIP-WATER SUPPLY AND DRAINS as on 31.03.2014	
	TOTAL	6268.20	132.54	6135.66			



Sl. No.	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification	Admitted Cost by the Commission, if any
		Accrual basis	Un-discharged Liability included in col.3	Cash basis	IDC included in col.3			
1	(410121) Compensation payment of Samco Ropeway (under R&R Plan)	38.59	0	38.59	6	7	8	9
2	(410121) Compensation payment for settlements located on the periphery of reservoir rim.	718.55	0	718.55		Regulation 14 (1) (ii)	The compensation payment is held up since 2007 on account of litigation in Kolkata High Court. However, the same is payable. It is a part of original scope of work.	
3	(410601) Balance concrete and shuttering in and around Barrage area including form work and admixtures	26.67	0	26.67		Regulation 14 (1) (ii)	Subsequent to filling of reservoir during operation of the power station and occurrence of the major natural disaster in Ultrakhand during 2013, the people residing in the close periphery of reservoir rim have approached the local administration for their safety. In turn Gorkha Territorial Administration has asked NHPC to relocate around 84 families with suitable compensation. The provision has been kept in the RCE of the power station.	
4	(410601) Balance bituminous and joint sealing work of Barrage	15.00	0	15.00		Regulation 14 (1) (i)	The work is part of RCE and required for miscellaneous areas such as parapets, channelling of water, 2nd stage concrete for stoplogs on downstream etc.	
5	(410601) Railing, ladders and gratings at different locations at Barrage and Cellular Wall	15.00	0	15.00		Regulation 14 (1) (ii)	The work is part of RCE and is to be executed for sealing of joints as per Tech Specs.	
6	(410601) Balance Architectural work at Barrage Control Room and DG Room including silt lab & transit camp	50.00	0	50.00		Regulation 14 (1) (ii)	It is part of RCE and balance works of ladders,railing and grating in Barrage and Cellular wall.	
7	(410601) Fencing, gate around Barrage area	20.00	0	20.00		Regulation 14 (1) (ii)	It is part of RCE , balance painting work of Barrage control room,Power pack room and beautification work of Barrage. In addition to above silt lab, oil storage room, mechanical workshop and a transit camp for shift personnel is under construction at Barrage top for efficient operation of PS.	
8	(410601) Left Bank Protection work of Barrage	20.00	0	20.00		Regulation 14 (1) (ii)	It is part of DPR. Fencing is required on the left bank area as per safety requirement.	
	(410601) Balance Instrumentation work at Barrage	20.00	0	20.00		Regulation 14 (1) (ii)	It is part of RCE and the work is required for restoration of left bank hill slope which has got extensively eroded during construction of the project and 2nd phase diversion.	
	(410601) Electrification and illumination of Barrage area	20.00	0	20.00		Regulation 14 (1) (ii)	It is part of RCE , instrument to be intalled like AWS,Seismograph and purchase of software for data access from anywhere.	
		20.00	0	20.00		Regulation 14 (1) (ii)	It is part of DPR. It is a part of original work and related to illumination of barrage. The work has been completed in April, 2014.	

Asy

11	(410601) Work of Barrage outlet area	20.00	0	20.00	Regulation 14 (1) (ii)	It is part of RCE and the work is required for efficient generation. The river during monsoon carries very high bed material which gets deposited in the outlet of Barrage thereby causing higher river water level at TRC outlet. Removal of these will lower the water level at the outlet area and enhance the net head for efficient operation of power station.
12	(410601) Escalation payment (Lot TL-1) Major Civil Works.	110.00	0	110.00	Regulation 14 (1) (ii)	It is a part of RCE for escalation payment beyond October 2012 to final time extension upto February 2013.
13	(410606) Work of TRC outlet area	50.00	0	50.00	Regulation 14 (1) (ii)	It is a part of RCE and the work is essentially required to guide the flow from TRC outlet in to the main river channel without damaging the vulnerable right bank hill slope for efficient operation of power house.
14	(410602) Slope treatment of intake area	50.00	0	50.00	Regulation 14 (1) (ii)	The intake slope remains exposed due to weathering and damages to the support system, hence proper concrete cladding, shortcrete, pressure relief arrangements etc. is necessary for long term sustainability of intake structure. The work is a part of RCE.
15	(410301) Balance concrete and shutter work around Power House area including form work and admixtures	25.00	0	25.00	Regulation 14 (1) (ii)	It is a part of RCE and the work is required for parapets, 2nd stage concrete, concrete for sewerage and water supply.
16	(410301) Balance bituminous and joint sealing work of Power house	10.00	0	10.00	Regulation 14 (1) (ii)	It is a part of RCE and the work is essential for structural safety and longevity of the power house.
17	(410301) Railing, ladders and gratings at different locations at Power House, TRC, GIS and other area	30.00	0	30.00	Regulation 14 (1) (ii)	It is a part of RCE and is required for providing railings and other miscellaneous steel works for power house, GIS and control block area.
18	(410301) Balance Architectural work at Power House and GIS	40.00	0	40.00	Regulation 14 (1) (ii)	It is part of DPR. It is a part of original work and is to be executed as per technical specifications and drawings issued for power house.
19	(410301) Water supply and sewerage system including treatment plants of Power house	40.00	0	40.00	Regulation 14 (1) (ii)	This is part of RCE and the work is essentially required for supplying water for all operational staff and other establishments located at site.
20	(410321) Barrack, quarters & other establishment work for CISF	0.00	0	0.00	Regulation 14 (1) (ii)	It is under Revised Cost Estimate. And work is required for construction of Infrastructure after induction of CISF
21	(410321) Extension of office Building at Open terrace at Sector-C & A	10.00	0	10.00	Regulation 14 (1) (ii)	It is a part of Revised Cost Estimate under O-Misc & P-Maintenance. Administrative building at Sector-C & A has not sufficient rooms for accommodating employees as such a new office building is required for smooth execution of the works



Ray

22	(410321) Extension of KV at Sector-A	10.00	0	10.00	Regulation 14 (1) (ii)	It is a part of Revised Cost Estimate under O-Misc. There is no class above Standard-8 in KV school. Employees have to shift outside Power Station for education of their children. Extension of classes in KV will facilitate the employees to stay in Power Station area.
23	(410321) Construction of Officers club and Badminton Court	10.00	0	10.00	Regulation 14 (1) (ii)	It is a part of Revised Cost Estimate under P-Maintenance. The colony at Sector-F&A are constructed far from market and it is in isolated area. Dwellers have no facility of gathering and entertaining themselves. Officer's club and Badminton court will refresh them for their health and increase ability to perform their official works.
24	(410321) Ground development and protector work with fencing and other miscellaneous work for CISF, Sector-F	15.00	0	15.00	Regulation 14 (1) (ii)	It is part under Revised Cost Estimate. For safety of inhabitants from miscreants and wild animals fencing and related construction is needed.
25	(410321) Roof treatment and painting of residential buildings at Sec-A & F	10.00	0	10.00	Regulation 14 (1) (ii)	It is under Revised Cost Estimate. Because of aging of colony leakage is being observed from its roof. Therefore its treatment is required.
26	(410321) Protection work at Sec-A, C, D1 & F colony	10.00	0	10.00	Regulation 14 (1) (ii)	It is under Revised Cost Estimate. To provide stability in permanent buildings in these areas this work is required.
27	(410201) Carpeting works for colony roads at Sector - A, C & F	30.00	0	30.00	Regulation 14 (1) (ii)	Within Original Scope of Work under Revised Cost Estimate
28	(410201) Main Access Road to barrage and power house from National Highway and bridge over railway khola on the left bank.	50.00	0	50.00	Regulation 14 (1) (ii)	This is part of original work and due to construction works, the carpeting and finishing of the road is being taken up now. Moreover, the dismantled bailey bridge of barrage is being erected over railway khola to provide access to the dumping yard on the left bank for management of the same and also additional dumping required for barrage outlet works etc. The bridge shall also provide access to the left bank villages and improve the harmony for smooth operation of power station.
29	(410601) Reservoir Rim Treatment works	815.00	0	815.00	Regulation 14 (1) (ii)	RRT works for Teesta Low Dam - III Power Station had to be reformulated on the basis of actual site condition and geology and existence of National High Way and villages almost all along the reservoir periphery. The NH is lifeline to state of Sikkim and also strategically vital link due to Indo-China boarder. Thus, additional works which are part of RCE and also in progress are required to be completed within cut off date.
	(410601) Restoration works for dumping site	9.80	0	9.80	Regulation 14 (1) (ii)	The work is part of original scope and the same is required for proper restoration of existing dumping sites.



31	(410601) Land scaping and beautification works of barrage site	1.82	0	1.82	Regulation 14 (1) (ii)	The work is part of original scope and is required for beautification of barrage area.
33	(410601) Air pollution assessment & monitoring	0.81	0	0.81	Regulation 14 (1) (ii)	Within Original Scope of Work under Revised Cost Estimate and statutory compliance.
34	(410601) Works related with Disaster Management plan of power station	10.00	0	10.00	Regulation 14 (1) (ii)	Within Original Scope of Work under Revised Cost Estimate and to mitigate any occurrence of natural calamity/disaster in the Power Station.
35	(410601) Works related with socio-economic upliftment & local area development	161.36	0	161.36	Regulation 14 (1) (ii)	It is part of RCE and the same is for providing alternative eco-tourism measures for the rafting community whose livelihood has got affected on account of reservoir impoundment.
36	(410601) Establishment of environmental cell for environmental studies	1.50	0	1.50	Regulation 14 (1) (ii)	Original part of work for payment to Pollution Control Board.
37	(410608) Remaining works on account of first contract(Supply) of HM works	493.13	0	493.13	Regulation 14 (1) (ii)	Within Original Scope of Work under Revised Cost Estimate
38	(410608) Remaining payment on account of Second contract (Installation & Transportation) of HM works	73.24	0	73.24	Regulation 14 (1) (ii)	Within Original Scope of Work under Revised Cost Estimate
39	(411130) Mobile Crane - 30T capacity	183.72	0	183.72	Regulation 14 (1) (ii)	Within Original Scope of Work under Revised Cost Estimate
40	(411508) Tata Tipper /1612E	19.00	0	19.00	Regulation 14 (1) (ii)	Within Original Scope of Work under Revised Cost Estimate
41	(411201) Water Treatment plant at Store Complex, Sector-A	30.00	0	30.00	Regulation 14 (1) (ii)	Within Original Scope of Work under Revised Cost Estimate Within Original Scope of Work under Revised Cost Estimate Within Original Scope of Work under Revised Cost Estimate
42	(411201) Water supply pipeline for Sector-A, C & F and furnishing of fittings	35.00	0	35.00	Regulation 14 (1) (ii)	Within Original Scope of Work under Revised Cost Estimate Within Original Scope of Work under Revised Cost Estimate Within Original Scope of Work under Revised Cost Estimate
43	(411201) Construction of Water Tank at Sector- A, C & F	30.00	0	30.00	Regulation 14 (1) (ii)	Within Original Scope of Work under Revised Cost Estimate Within Original Scope of Work under Revised Cost Estimate Within Original Scope of Work under Revised Cost Estimate
44	(411707) Creation of Children park, garden & welfare centres	5.00	0	5.00	Regulation 14 (1) (ii)	Within Original Scope of Work under Revised Cost Estimate. As we know that the colony is far from city and it is in remote location. Therefore children park in the colony should be developed for proper growing & overall development of children.



45	(411707) Furnishing of Rest House & Field Hostels	15.00	0	15.00	Regulation 14 (1) (ii)	Within Original Scope of Work under Revised Cost Estimate. In view of the maintaining smooth operation of power house service engineers & shift duty employees used to stay in the guest house frequently. As such it should be properly furnished, presently the walls paints of guest house has worn out due to ageing, further more furniture are become old and requires to be replaced. Therefore these should be furnished accordingly.	
46	(410701) 11/220KV 41 MVA, YNd11, Three phase step-up Transformer complete with bushings, under-carriage, off load tap changer, CTs and all accessories / fittings.	406.59	0	406.59	Regulation 14 (1) (iii)	No spare transformer is available with the Power station. One no. generator transformer is urgently required to cater any emergent requirement of the power station in order to avoid loss of Generation. This is part of revised cost estimate.	
47	(410701) Runner complete with blades	620.29	0	620.29	Regulation 14 (1) (iii)	One set (5 nos.) of runner blades are supplied as initial spare under E&M package. one no. complete runner along with blades are required as the replacement of new blades is a specific job and may lead to delay in installation/ balance activities. The availability of a complete runner will facilitate the capital maintenance works thereby reducing the down time of the machines. This is part of revised cost estimate.	42
48	(410610) Purchase of spare lifting beam.	30.39	0	30.39	Regulation 14 (1) (iii)	Case is already technically approved for purchase. This is part of revised cost estimate.	
49	(410610) Purchase of Gasoline engine operated power pack unit.	7.00	0	7.00	Regulation 14 (1) (iii)	PS is having 7 radial gates and the designed discharge is around 10500 cumecs. Hence to cater to any emergency situation, one spare power pack is required	
50	(410610) Purchase of motors for spillway Gantry Crane, Intake gate & draft tube gantry crane (3 nos. hoists and 3 nos. long travel motors)	21.00	0	21.00	Regulation 14 (1) (iii)	Spare hoist, LT & CT motors are required for replacement in case of any breakdown as no spare has been provided	
51	(410610) Purchase of 1 set motor and pump for power pack of radial gates.	10.00	0	10.00	Regulation 14 (1) (iii)	One Spare motor and pump set is required for seven power packs	
52	(410610) Purchase of 1 set motor and pump for intake gate	10.00	0	10.00	Regulation 14 (1) (iii)	One Spare motor and pump set is required for two power packs	
53	(410610) Electrically operated portable oil filter unit complete in all respect for online filtering of power pack hydraulic oil along with contamination checking kit	7.00	0	7.00	Regulation 14 (1) (iii)	One more set will be required after 7-8 years use	
	TOTAL	4460.46	0.00	4460.46			

For Financial Year : 2016-17



ACE Claimed (Actual / Projected)

Sl. No.	Head of Work / Equipment	Accrual basis	Un-discharged Liability included in col.3	Cash basis	IDC included in col.3	Regulation under which claimed	Justification	Admitted Cost by the Commission, if any
1	2	3	4	5-3-4	6	7	8	9
1					NIL			

For Financial Year : 2017-18

Sl. No.	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification	Admitted Cost by the Commission, if any
		Accrual basis	Un-discharged Liability included in col.3	Cash basis	IDC included in col.3			
1	2	3	4	5-3-4	6	7	8	9
1					NIL			

For Financial Year : 2018-19

Sl. No.	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification	Admitted Cost by the Commission, if any
		Accrual basis	Un-discharged Liability included in col.3	Cash basis	IDC included in col.3			
1	2	3	4	5-3-4	6	7	8	9
1					NIL			

1. In case the project has been completed and cost has already been admitted under any tariff notification(s) in the past, fill column 10 giving the cost as admitted for the purpose of tariff notification already issued by iName of the authority) (Enclose copy of the tariff Order).

2. The above information needs to be furnished separately for each year / period of tariff period 2014-19.

3. In case of de-capitalisation of assets separate details to be furnished at column 1, 2, 3 and 4. Further, the original book value and year of capitalisation of such asset to be furnished at column 8. Where de-caps are on estimated basis the same to be shown separately.

4. Where any asset is rendered unserviceable the same shall be treated as de-capitalised during that year and original value of such asset to be shown at col. 3. And impaired value if any, year of its capitalisation to be mentioned at column 8.

5. Justification against each asset of capitalization should be specific to regulations under which claim has been made and the necessity of capitalization of that particular asset.

Note:

1. Fill the form in chronological order year wise along with detailed justification clearly bringing out the necessity and the benefits accruing to the beneficiaries.
2. In case initial spares are purchased along with any equipment, then the cost of such spares should be indicated separately. e.g. Rotor - 50 Crs. Initial spares- 5 Crs.

For M/s RAY & RAY
Chartered Accountants
FRN No. 301072E



For NHPC Limited

(A.K.Pandey)
CE (Comml.)
Commercial Division

(M.No. 051028)

Statement of Additional Capitalisation during fag end of the Project

Name of the Petitioner : NHPC LIMITED

Name of the Generating Station : TEESTA LOW DAM - III POWER STATION

COD : 19.05.2013

Sl. No.	Head of Work / Equipment	Work/Equipment added during last five years of useful life of each Unit/Station	Amount capitalised /Proposed to be capitalised (Rs Lakh)	Justification for capitalisation proposed	Impact on life extension
1	2	3	4	5	6
NOT APPLICABLE					

Note:

1. Cost Benefit analysis for capital additions done should be submitted along with petition for approval of such schemes
2. Justification for additional capital expenditure claim for each asset should be relevant to regulation under which claim and the necessity of capitalization of the asset

For M/s RAY & RAY

Chartered Accountants

FRN No. 301072E

[Signature]

Partner



(M. No. 051028)

For NHPC Limited

[Signature]

(A.K.Pandey)

CE (Comm.)

Commercial Division

Details of Assets De-capitalized during the period

Name of the Petitioner : NHPC Limited
 Name of the Generating Station : TEESTA LOW DAM - III POWER STATION
 Region: Eastern State: West Bengal District: Darjeeling

Sl. No.	Name of the Asset	Nature of de-capitalization (whether claimed under exclusion or as additional capital expenditure)	Original Value of the Asset Capitalised	Year Put to use	Depreciation recovered till date of de-capitalization
1	2	3	4	5	6
1					
2					
3					
4					

NIL

Note:

Year wise detail need to be submitted.

For M/s RAY & RAY
 Chartered Accountants
 FRN No. 301072E

(Signature)

Partner

(M.No. 057028)



For NHPC Limited

(Signature)

(A.K.Pandey)
 CE (Comm.)
 Commercial Division

Statement showing reconciliation of ACE claimed with the capital additions as per books

Name of the Petitioner : NHPC LIMITED

Name of the Generating Station : TEESTA LOW DAM - III POWER STATION

COD : 19.05.2013

Sl. No.	Particulars	2014-15	2015-16	2016-17	2017-18	2018-19
1	2	3	4	5	6	7
	Closing Gross Block					
	Less: Opening Gross Block					
	Total Additions as per books					
	Less: Additions pertaining to other Stages (give Stage wise breakup)					
	Net Additions pertaining to instant project/Unit/Stage					
	Less: Exclusions (items not allowable / not claimed)					
	Net Additional Capital Expenditure Claimed					

Petition is based on projected additional capital expenditure reconciliation will be submitted at the time of truing up of capital expenditure.

Note:

Reason for exclusion of any expenditure shall be given in Clear terms.

For M/s RAY & RAY
Chartered Accountants

FRN No. 301072E



Partner (M.No. 051028)

For NHPC Limited

Aly

(A.K.Pandey)

CE (Comm.)

Commercial Division

47

Statement showing items/assets/works claimed under Exclusions

Name of the Petitioner : NHPC LIMITED

Name of the Generating Station : TEESTA LOW DAM - III POWER STATION

COD : 19.05.2013

Sl. No.	Head of Work / Equipment	ACE Claimed under Exclusion				Justification
		Accural basis	Un-discharged Liability included in col.3	Cash basis	IDC included in col.3	
1	2	3	4	5=3-4	6	7
	Petition is based on projected additional capital expenditure reconciliation will be submitted at the time of truing up of capital expenditure.					

Note:

- Exclusions claimed on assets not allowed in Tariff should be supported by the specific reference of Commission Order date, Petition No., amount disallowed, etc..
- For inter unit transfer, nature of transfer i.e. temporary or permanent should be mentioned. It is to be certified that exclusion sought in receiving station only and not in sending station or in both the station.

For M/s RAY & RAY
Chartered Accountants

FRN No. 301072E

(Signature)
Partner
RAY & RAY
CHURCH LANE
KOLKATA-1
CHARTERED ACCOUNTANTS

(M. No. 051028)

For NHPC Limited

(Signature)
(A.K.Pandey)
CE (Comml.)
Commercial Division

Statement of Capital Cost

(To be given for relevant dates and year wise)

Name of the Petitioner : NHPC LIMITED

Name of the Generating Station : TEESTA LOW DAM - III POWER STATION

(Amount in Lakhs)

Sl. No.	Particulars	As on relevant date ¹
A	a) Opening Gross Block amount As per books	
	b) Amount of Capital liabilities in A(a) above	
	c) Amount of IDC in A(a) above	
	d) Amount of FC in A(a) above	
	e) Amount of FERV in A(a) above	
	f) Amount of Hedging Cost in A(a) above	
	g) Amount of IEDC in A(a) above	
B	a) Addition in Gross Block amount during the period (Direct purchases)	
	b) Amount of Capital liabilities in B(a) above	
	c) Amount of IDC in B(a) above	
	d) Amount of FC in B(a) above	
	e) Amount of FERV in B(a) above	
	f) Amount of Hedging Cost in B(a) above	
	g) Amount of IEDC in B(a) above	
C	a) Addition in Gross Block amount during the period (Transfer from CWIP)	
	b) Amount of Capital liabilities in C(a) above	
	c) Amount of IDC in C(a) above	
	d) Amount of FC in C(a) above	
	e) Amount of FERV in C(a) above	
	f) Amount of Hedging Cost in C(a) above	
	g) Amount of IEDC in C(a) above	
D	a) Deletion in Gross Block Amount during the period	
	b) Amount of Capital liabilities in D(a) above	
	c) Amount of IDC in D(a) above	
	d) Amount of FC in D(a) above	
	e) Amount of FERV in D(a) above	
	f) Amount of Hedging Cost in D(a) above	
	g) Amount of IEDC in D(a) above	
E	a) Closing Gross Block amount As per books	
	b) Amount of Capital liabilities in E(a) above	
	c) Amount of IDC in E(a) above	
	d) Amount of FC in E(a) above	
	e) Amount of FERV in E(a) above	
	f) Amount of Hedging Cost in E(a) above	
	g) Amount of IEDC in E(a) above	

Not Applicable

Note:

1. Relevant date/s means date of COD of unit/s/station and financial year start date and end date.

For M/s RAY & RAY
Chartered Accountants

FRN No. 301072E

Partner

(M.No. 05/028)

For NHPC Limited

(A.K. Pandey)
CE (Comml.)
Commercial Division

Statement of Capital Woks in Progress

(To be given for the relevant dates and year wise)

Name of the Petitioner : NHPC Limited

Name of the Generating Station : Teesta Low Dam-III Power Station

(Amount in Rs. Lakhs)

Sl. No.	Particulars	As on relevant date ¹
A	a) Opening CWIP As per books	
	b) Amount of Capital liabilities in A(a) above	
	c) Amount of IDC in A(a) above	
	d) Amount of FC in A(a) above	
	e) Amount of FERV in A(a) above	
	f) Amount of Hedging Cost in A(a) above	
	g) Amount of IEDC in A(a) above	
B	a) Addition in CWIP during the period	
	b) Amount of Capital liabilities in B(a) above	
	c) Amount of IDC in B(a) above	
	d) Amount of FC in B(a) above	
	e) Amount of FERV in B(a) above	
	f) Amount of Hedging Cost in B(a) above	
	g) Amount of IEDC in B(a) above	
C	a) Transferred to Gross Block Amount during the period	
	b) Amount of Capital liabilities in C(a) above	
	c) Amount of IDC in C(a) above	
	d) Amount of FC in C(a) above	
	e) Amount of FERV in C(a) above	
	f) Amount of Hedging Cost in C(a) above	
	g) Amount of IEDC in C(a) above	
D	a) Deletion in CWIP during the period	
	b) Amount of Capital liabilities in D(a) above	
	c) Amount of IDC in D(a) above	
	d) Amount of FC in D(a) above	
	e) Amount of FERV in D(a) above	
	f) Amount of Hedging Cost in D(a) above	
	g) Amount of IEDC in D(a) above	
E	a) Closing CWIP as per books	
	b) Amount of Capital liabilities in E(a) above	
	c) Amount of IDC in E(a) above	
	d) Amount of FC in E(a) above	
	e) Amount of FERV in E(a) above	
	f) Amount of Hedging Cost in E(a) above	
	g) Amount of IEDC in E(a) above	

Not Applicable

Note:

1. Relevant date/s means date of COD of unit/s/station and financial year start date and end date.

For M/s RAY & RAY
Chartered Accountants

FRN No. 301072E

8, CHURCH LANE
KOLKATA-1

Partner

(M.N.051028)

For NHPC Limited

(A.K.Pandey)

CE (Comml.)

Commercial Division

Financing of Additional Capitalisation

Name of the Petitioner : NHPC LIMITED

Name of the Generating Station : TEESTA LOW DAM - III POWER STATION

COD : 19.05.2013

(Amount in Rs. Lakhs)

Financial Year (Starting from COD) ¹	Actual					Admitted				
	2014-15	2015-16	2016-17	Year 4	Year 5 & so on	Year 1	Year 2	Year 3	Year 4	Year 5 & so on
1	2	3	4	5	6	7	8	9	10	11
Amount capitalised in Work / Equipment	9477.59	15931.38								
Financing Details										
Loan Normative	6634.31	11151.97								
Loan-2										
Loan-3 and so on										
Total Loan ²										
Equity	2843.28	4779.415								
Internal Resources										
Others (Pl. specify)										
Total	9477.59	15931.38								

Note:

1 Year 1 refers to Financial Year of COD and Year 2, Year 3 etc. are the subsequent financial years respectively.

2 Loan details for meeting the additional capitalisation requirement should be given as per FORM-7 or 8 whichever is relevant.

For M/s RAY & RAY
Chartered Accountants
FRN No. 301072E

[Signature]
Partner



(M.N. 051028)

For NHPC Limited

[Signature]
(A.K. Pandey)
CE (Comm.)
Commercial Division

Calculation of Depreciation

Name of the Petitioner : ~~NHPC LIMITED~~

Name of the Generating Station : TEESTA LOW DAM - III POWER STATION

(Amount in Rs. Lakhs)

Sl. No.	Name of the Assets ¹	Gross Block as on 31.03.2014 or as on COD, whichever is later and subsequently for each year thereafter up to 31.03.2019	Depreciation Rates as per CERC's Depreciation Rate Schedule	Depreciation Amount for each year up to 31.03.2019
	1	2	3	4=Col.2X Col.3
1	Land – Freehold	0.00		
2	Land – Leasehold	375.74	3.34	12.55
3	Land – Right of Use	2776.26	3.34	92.73
4	Roads and Bridges	440.41	3.34	14.71
5	Buildings	18285.84	3.34	610.75
6	Railway sidings	412.19	5.28	21.76
7	Hydraulic Works(Dams, Water Conductor system, Hydro mechanical gates, tunnels)	103643.48	5.28	5472.38
8	Generating Plant and machinery	62075.83	5.28	3277.6
9	Plant and machinerySub station	48.04	5.28	2.54
10	Plant and machineryTransmission lines	145.08	5.28	7.66
11	Plant and machinery Others	18.87	5.28	1
12	Construction Equipment	30.88	5.28	1.63
13	Water Supply System/Drainage and Sewerage	59.92	3.34	2
14	Electrical installations	1.47	5.28	0.08
15	Vehicles	2.54	9.5	0.24
16	Aircraft/ Boats	0.00	9.5	0
17	Furniture and fixture	40.77	6.33	2.58
18	Computers	30.45	15.0	4.57
19	Communication Equipment	20.16	6.33	1.28
20	Office Equipments	47.64	6.33	3.02
21	Computer Software	0.13	15	0.02
22	Research and Development	0.00		0
23	Other assets	47.53	5.28	2.51
24	Capital Expenditure on assets Not Owned by Company	0.00		0
25	Tangible Assets of minor value >750 and < Rs.5000	8.51	5.28	0.45
26	Obsolete / surplus assets	6.40		
	TOTAL	188518.14		9532.06
	Weighted Average Depreciation Rate (%) of depreciation			5.06%

* Provide details of Freehold Land, Leasehold Land and Land under reservoir separately

Note:

1. Name of the Assets should conform to the description of the assets mentioned in Depreciation Schedule appended to the Notification.

For M/s RAY & RAY
Chartered Accountants
FRN No. 301072E

(M.No. 057028)

For NHPC Limited

(A.K. Pandey)
CE (Comm.)
Commercial Division

Statement of Depreciation

Name of the Petitioner : NHPC Limited
Name of the Generating Station : TEESTA LOW DAM - III POWER STATION

Sl. No.	Particulars	2013-14*	2014-15	2015-16	2016-17	2017-18	2018-19
1	2	3	4	5	6	7	
	Opening Capital Cost	1,82,919.45	1,92,397.04	2,08,328.42	2,08,328.42	2,08,328.42	2,08,328.42
	Closing Capital Cost	1,92,397.04	2,08,328.42	2,08,328.42	2,08,328.42	2,08,328.42	2,08,328.42
	Average Capital Cost	187658.2438	200362.7313	208328.4236	208328.4236	208328.4236	208328.4236
	Freehold land*	0	0	0	0	0	0
	Rate of depreciation	5.06%	5.06%	5.06%	5.06%	5.06%	5.06%
	Depreciable value	168892.42	180326.46	187495.58	187495.58	187495.58	187495.58
	Balance useful life at the beginning of the period**	34.13	33.13	32.13	31.13	30.13	30.13
	Remaining depreciable value	160087.76	162032.87	159071.03	148537.30	138003.57	138003.57
	Depreciation (for the period)	8805.01	9488.58	10130.96	10533.73	10533.73	10533.73
	Depreciation (annualised)						
	Cumulative depreciation at the end of the period	8805.01	18293.59	28424.55	38958.28	49492.01	60025.74
	Less: Cumulative depreciation adjustment on account of un-discharged liabilities deducted as on 01.04.2009/Station COD, whichever is later.		0	0	0	0	0
	Less: Cumulative depreciation adjustment on account of de-capitalisation	0.35	0	0	0	0	0
	Net Cumulative depreciation at the end of the period	8804.66	18293.59	28424.55	38958.28	49492.01	60025.74

(Amount in Rs. Lakhs)

* As per filed petition.

** COD of Power Station is 19.05.2013

Note:

1. In case of details of FERV and AAD, give information for the applicable period.



Partner (M no. 051024)

For NHPC Limited

(A.K. Pandey)
CE (Comm.)
Commercial Division

Calculation of Weighted Average Rate of Interest on Actual Loans¹Name of the Company
Name of the Power StationNHPC Limited
Teesta Low Dam-III Power station

(Amount in lacs)

Sl. no.	Particulars	Existing '2013-14*	2014-15	2015-16	2016-17	2017-18	2018-19
	2	3	4	5	6	7	8
	LIC						
1	Gross loan - Opening	16000.00	16000.00	16000.00	16000.00	16000.00	16000.00
	Cumulative repayments of Loans upto previous year	2000.00	2666.67	4000.00	5333.33	6666.67	8000.00
	Net loan - Opening	14000.00	13333.33	12000.00	10666.67	9333.33	8000.00
	Add: Drawal(s) during the Year	0.00	0.00	0.00	0.00	0.00	0.00
	Less: Repayment (s) of Loans during the year	666.67	1333.33	1333.33	1333.34	1333.33	1333.33
	Net loan - Closing	13333.33	12000.00	10666.67	9333.33	8000.00	6666.67
	Average Net Loan	13666.67	12666.67	11333.34	10000.00	8666.67	7333.34
	Rate of Interest on Loan	7.93%	8.96%	8.96%	8.91%	8.88%	8.84%
	Interest on loan	1083.33	1134.46	1015.55	891.32	769.74	648.17
2	UCO BANK						
	Gross loan - Opening	20000.00	20000.00	20000.00	20000.00	20000.00	20000.00
	Cumulative repayments of Loans upto previous year	833.33	2500.00	4166.67	5833.33	7500.00	9166.67
	Net loan - Opening	19166.67	17500.00	15833.33	14166.67	12500.00	10833.33
	Add: Drawal(s) during the Year	0.00	0.00	0.00	0.00	0.00	0.00
	Less: Repayment (s) of Loans during the year	1666.67	1666.67	1666.66	1666.67	1666.67	1666.66
	Net loan - Closing	17500.00	15833.33	14166.67	12500.00	10833.33	9166.67
	Average Net Loan	18333.33	16666.67	15000.00	13333.34	11666.67	10000.00
	Rate of Interest on Loan	8.80%	10.20%	10.22%	10.20%	10.20%	10.20%
	Interest on loan	1612.44	1699.77	1533.73	1359.77	1189.77	1019.77
3	PFC						
	Gross loan - Opening	50000.00	50000.00	50000.00	50000.00	50000.00	50000.00
	Cumulative repayments of Loans upto previous year	17500.00	21250.00	26250.00	31250.00	36250.00	41250.00
	Net loan - Opening	32500.00	28750.00	23750.00	18750.00	13750.00	8750.00
	Add: Drawal(s) during the Year	0.00	0.00	0.00	0.00	0.00	0.00
	Less: Repayment (s) of Loans during the year	3750.00	5000.00	5000.00	5000.00	5000.00	5000.00
	Net loan - Closing	28750.00	23750.00	18750.00	13750.00	8750.00	3750.00
	Average Net Loan	30625.00	26250.00	21250.00	16250.00	11250.00	6250.00
	Rate of Interest on Loan	8.31%	10.37%	10.35%	10.26%	10.14%	9.82%
	Interest on loan	2544.42	2721.99	2200.41	1667.99	1140.99	613.99
4	PUNJAB & SIND BANK						
	Gross loan - Opening	12000.00	12000.00	12000.00	12000.00	12000.00	12000.00
	Cumulative repayments of Loans upto previous year	0.00	0.00	250.00	1250.00	2250.00	3250.00
	Net loan - Opening	12000.00	12000.00	11750.00	10750.00	9750.00	8750.00
	Add: Drawal(s) during the Year	0.00	0.00	0.00	0.00	0.00	0.00
	Less: Repayment (s) of Loans during the year	0.00	250.00	1000.00	1000.00	1000.00	1000.00
	Net loan - Closing	12000.00	11750.00	10750.00	9750.00	8750.00	7750.00
	Average Net Loan	12000.00	11875.00	11250.00	10250.00	9250.00	8250.00
	Rate of Interest on Loan	8.90%	10.31%	10.20%	10.17%	10.16%	10.15%
	Interest on loan	1068.25	1224.80	1147.93	1042.41	939.91	837.41
5	STATE BANK OF HYDRABAD						
	Gross loan - Opening	0.00	1925.00	1925.00	1925.00	1925.00	1925.00
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	40.10	200.52	360.94
	Net loan - Opening	0.00	1925.00	1925.00	1884.90	1724.48	1564.06
	Add: Drawal(s) during the Year	1925.00	0.00	0.00	0.00	0.00	0.00
	Less: Repayment (s) of Loans during the year	0.00	0.00	40.10	160.42	160.42	160.41
	Net loan - Closing	1925.00	1925.00	1884.90	1724.48	1564.06	1403.65
	Average Net Loan	962.50	1925.00	1904.95	1804.69	1644.27	1483.86
	Rate of Interest on Loan	12.13%	10.20%	10.33%	10.31%	10.32%	10.33%
	Interest on loan	116.73	196.35	196.84	185.98	169.62	153.26
6	STATE BANK OF INDIA						
	Gross loan - Opening	11500.00	17000.00	17000.00	17000.00	17000.00	17000.00
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00	1416.67	2833.33
	Net loan - Opening	11500.00	17000.00	17000.00	17000.00	15583.33	14166.67
	Add: Drawal(s) during the Year	5500.00	0.00	0.00	0.00	0.00	0.00
	Less: Repayment (s) of Loans during the year	0.00	0.00	0.00	1416.67	1416.66	1416.67
	Net loan - Closing	17000.00	17000.00	17000.00	15583.33	14166.67	12750.00
	Average Net Loan	14250.00	17000.00	17000.00	16291.67	14875.00	13458.34
	Rate of Interest on Loan	10.30%	10.49%	10.52%	10.59%	10.60%	10.62%
	Interest on loan	1467.15	1783.30	1788.19	1725.89	1577.28	1428.68



Sl. no.	Particulars	Existing '2013-14*	2014-15	2015-16	2016-17	2017-18	2018-19
	2	3	4	5	6	7	8
7	Q-SERIES BONDS						
	Gross loan - Opening	4500.00	4500.00	4500.00	4500.00	4500.00	4500.00
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	375.00	750.00	1125.00
	Net loan - Opening	4500.00	4500.00	4500.00	4125.00	3750.00	3375.00
	Add: Drawal(s) during the Year	0.00	0.00	0.00	0.00	0.00	0.00
	Less: Repayment (s) of Loans during the year	0.00	0.00	375.00	375.00	375.00	375.00
	Net loan - Closing	4500.00	4500.00	4125.00	3750.00	3375.00	3000.00
	Average Net Loan	4500.00	4500.00	4312.50	3937.50	3562.50	3187.50
	Rate of Interest on Loan	8.03%	9.25%	9.61%	9.64%	9.68%	9.73%
	Interest on loan	361.51	416.25	414.35	379.66	344.97	310.29
8	R1-SERIES BONDS						
	Gross loan - Opening	4920.00	4920.00	4920.00	4920.00	4920.00	4920.00
	Cumulative repayments of Loans upto previous year	0.00	0.00	410.00	820.00	1230.00	1640.00
	Net loan - Opening	4920.00	4920.00	4510.00	4100.00	3690.00	3280.00
	Add: Drawal(s) during the Year	0.00	0.00	0.00	0.00	0.00	0.00
	Less: Repayment (s) of Loans during the year	0.00	410.00	410.00	410.00	410.00	410.00
	Net loan - Closing	4920.00	4510.00	4100.00	3690.00	3280.00	2870.00
	Average Net Loan	4920.00	4715.00	4305.00	3895.00	3485.00	3075.00
	Rate of Interest on Loan	7.56%	8.98%	9.00%	9.03%	9.07%	9.12%
	Interest on loan	371.75	423.25	387.58	351.91	316.24	280.57
	TOTAL LOANS						
	Gross loan - Opening	118920.00	126345.00	126345.00	126345.00	126345.00	126345.00
	Cumulative repayments of Loans upto previous year	20333.33	26416.67	35076.67	44901.76	56263.86	67625.94
	Net loan - Opening	98586.67	99928.33	91268.33	81443.24	70081.14	58719.06
	Add: Drawal(s) during the Year	7425.00	0.00	0.00	0.00	0.00	0.00
	Less: Repayment (s) of Loans during the year	6083.33	8660.00	9825.09	11362.10	11362.08	11362.07
	Net loan - Closing	99928.33	91268.33	81443.24	70081.14	58719.06	47356.99
	Average Net Loan	99257.50	95598.33	86355.79	75762.19	64400.10	53038.03
	Interest on loan	8625.58	9600.18	8684.57	7604.93	6448.53	5292.13
	Weighted average Rate of Interest on Loans	8.69%	10.04%	10.06%	10.04%	10.01%	9.98%
	Weighted average Rate of Interest on Loans (yearly)	10.01%	10.04%	10.06%	10.04%	10.01%	9.98%

* Power station declared under commercial operation on 19.05.2013. The Calculated weighted average rate of interest 8.69% is for Part year (i.e.317 days), therefore it is converted into full year.

¹ In case of Foreign Loans, the calculations in Indian Rupees is to be furnished. However, the calculations in Orginal currency is also to be furnished separately in the same form.

For M/s RAY & RAY
Chartered Accountants
FRN No. 301072E

[Signature]
Partner



(M.No. 051028)

For NHPC Limited

[Signature]
(A.K. Pandey)
CE (Comm.)
Commercial Division

Annexure to Form -13							
Calculation of Interest taken in Form 13							
Sl. No.	Pricipal	From	to	Days	Interest Rate (%)	Figures in lacs	
						Interest	Intt. in form 13 TOTAL
1	LIC						
	13333.33	01-Apr-14	29-Apr-14	29	9.118%	96.59	1134.46
	12666.67	30-Apr-14	30-Oct-14	184	9.118%	582.22	
	12000.00	31-Oct-14	31-Mar-15	152	9.118%	455.65	
	12000.00	01-Apr-15	29-Apr-15	29	9.118%	86.93	1015.55
	11333.33	30-Apr-15	30-Oct-15	184	9.118%	520.93	
	10666.67	31-Oct-15	31-Mar-16	153	9.118%	407.69	
	10666.67	01-Apr-16	29-Apr-16	29	9.118%	77.27	891.32
	10000	30-Apr-16	30-Oct-16	184	9.118%	459.65	
	9333.33	31-Oct-16	31-Mar-17	152	9.118%	354.39	
	9333.33	01-Apr-17	29-Apr-17	29	9.118%	67.61	769.74
	8666.67	30-Apr-17	30-Oct-17	184	9.118%	398.36	
	8000	31-Oct-17	31-Mar-18	152	9.118%	303.77	
	8000	01-Apr-18	29-Apr-18	29	9.118%	57.96	648.17
	7333.33	30-Apr-18	30-Oct-18	184	9.118%	337.07	
	6666.67	31-Oct-18	31-Mar-19	152	9.118%	253.14	
				1826		4459.24	4459.24
2	UCO BANK						
	17500	01-Apr-14	29-Jun-14	90	10.20%	440.14	1699.77
	16666.67	30-Jun-14	30-Dec-14	184	10.20%	856.99	
	15833.33	31-Dec-14	31-Mar-15	91	10.20%	402.64	
	15833.33	01-Apr-15	29-Jun-15	90	10.20%	398.22	1533.73
	15000	30-Jun-15	30-Dec-15	184	10.20%	771.29	
	14166.67	31-Dec-15	31-Mar-16	92	10.20%	364.22	
	14167	01-Apr-16	29-Jun-16	90	10.20%	356.30	1359.77
	13333	30-Jun-16	30-Dec-16	184	10.20%	685.59	
	12500	31-Dec-16	31-Mar-17	91	10.20%	317.88	
	12500	01-Apr-17	29-Jun-17	90	10.20%	314.38	1189.77
	11667	30-Jun-17	30-Dec-17	184	10.20%	599.89	
	10833	31-Dec-17	31-Mar-18	91	10.20%	275.49	
	10833	01-Apr-18	29-Jun-18	90	10.20%	272.47	1019.77
	10000	30-Jun-18	30-Dec-18	184	10.20%	514.19	
	9167	31-Dec-18	31-Mar-19	91	10.20%	233.11	
				1826		6802.79	6802.79



My

5	STATE BANK OF HYDRABAD						
	1925	01-Apr-14	31-Mar-15	365	10.20%	196.35	196.35
	1925	01-Apr-15	27-Mar-16	362	10.20%	194.74	196.84
	1884.9	28-Mar-16	31-Mar-16	4	10.20%	2.11	
	1884.9	01-Apr-16	27-Jun-16	88	10.20%	46.35	185.98
	1844.79	28-Jun-16	27-Sep-16	92	10.20%	47.43	
	1804.69	28-Sep-16	27-Dec-16	91	10.20%	45.89	
	1764.58	28-Dec-16	27-Mar-17	90	10.20%	44.38	
	1724.48	28-Mar-17	31-Mar-17	4	10.20%	1.93	
	1724.48	01-Apr-17	27-Jun-17	88	10.20%	42.41	169.62
	1684.38	28-Jun-17	27-Sep-17	92	10.20%	43.30	
	1644.27	28-Sep-17	27-Dec-17	91	10.20%	41.81	
	1604.17	28-Dec-17	27-Mar-18	90	10.20%	40.35	
	1564.06	28-Mar-18	31-Mar-18	4	10.20%	1.75	
	1564.06	01-Apr-18	27-Jun-18	88	10.20%	38.46	153.26
	1523.96	28-Jun-18	27-Sep-18	92	10.20%	39.18	
	1483.85	28-Sep-18	27-Dec-18	91	10.20%	37.73	
	1443.75	28-Dec-18	27-Mar-19	90	10.20%	36.31	
	1403.65	28-Mar-19	31-Mar-19	4	10.20%	1.57	
				1826		902.06	902.06
6	STATE BANK OF INDIA						
	17000	01-Apr-14	31-Mar-15	365	10.49%	1783.30	1783.30
	17000	01-Apr-15	31-Mar-16	366	10.49%	1788.19	1788.19
	17000	01-Apr-16	26-Jun-16	87	10.49%	425.06	1725.89
	16645.83	27-Jun-16	26-Sep-16	92	10.49%	440.12	
	16291.67	27-Sep-16	26-Dec-16	91	10.49%	426.08	
	15937.5	27-Dec-16	26-Mar-17	90	10.49%	412.24	
	15583.33	27-Mar-17	31-Mar-17	5	10.49%	22.39	
	15583.33	01-Apr-17	26-Jun-17	87	10.49%	389.64	1577.28
	15229.17	27-Jun-17	26-Sep-17	92	10.49%	402.67	
	14875	27-Sep-17	26-Dec-17	91	10.49%	389.03	
	14520.83	27-Dec-17	26-Mar-18	90	10.49%	375.59	
	14166.67	27-Mar-18	31-Mar-18	5	10.49%	20.36	
	14166.67	01-Apr-18	26-Jun-18	87	10.49%	354.22	1428.68
	13812.5	27-Jun-18	26-Sep-18	92	10.49%	365.21	



My

Calculation of Interest on Normative Loan

Name of the Petitioner :

NHPC Limited

Name of the Generating Station : Teesta Low Dam-III POWER STATION

Sl No.	Particulars	2013-14*	2014-15	2015-16	2016-17	2017-18	2018-19
		3	4	5	6	7	8
1	Gross Normative loan - Opening		1,28,043.61	1,34,677.93	1,45,829.90	1,45,829.90	1,45,829.90
	Cumulative repayment of Normative loan upto previous year		8805.01	18293.59	28424.55	38958.28	49492.01
	Net Normative loan - Opening		1,19,238.60	1,16,384.34	1,17,405.35	1,06,871.62	96,337.89
	Add: Increase due to addition during the year / period		4294.96487	3122.322	0	0	0
	Less: Decrease due to de-capitalisation during the year / period		0	0	0	0	0
	Less: Decrease due to reversal during the year / period		0	0	0	0	0
	Add: Increase due to discharges during the year / period		2339.35	8029.65	0.00	0.00	0.00
	Less: Repayment during the year	8805.01	9488.58	10130.96	10533.73	10533.73	10533.73
	Net Normative loan - Closing		1,16,384.34	1,17,405.35	1,06,872	96,337.89	85,804.16
	Average Normative loan		117811.4709	116894.8421	112138.4825	101604.7533	91071.02409
	Weighted average rate of interest	10.01%	10.04%	10.06%	10.04%	10.01%	9.98%
	Interest on Loan	11698.26	11830.87	11755.81	11256.35	10173.92	9087.06

* This is as claimed Through revised Annex-I of Tariff Petition 115/GT/2013.

For M/s RAY & RAY
Chartered Accountants
FRN No. 301072E

Partner (M.No. 051028)

For NHPC Limited

(A.K. Pandey)
CE (Comm.)
Commercial Division

Calculation of Interest on Working Capital

Name of the Petitioner : **NHPC Limited**
 Name of the Generating Station : **Teesta Low Dam-III Power Station**

(Amount in ` Lakh)

Sl. No.	Particulars	Existing 2013-14*	2014-15	2015-16	2016-17	2017-18	2018-19
1	2	3	4	5	6	7	8
1	O & M Expenses		368.14	392.59	418.66	446.46	476.10
2	Maintenance Spares		662.66	706.66	753.58	803.62	856.98
3	Receivables		6,415.85	6,699.84	6,823.43	6,697.54	6,574.79
4	Total Working Capital		7,446.66	7,799.08	7,995.66	7,947.61	7,907.87
5	Rate of Interest	12.25%	13.50%	13.50%	13.50%	13.50%	13.50%
6	Interest on Working Capital	918.15	1,005.30	1,052.88	1,079.41	1,072.93	1,067.56

* Two unit has been declared under commercial operation on 01.04.2013, one unit on 01.05.2013 & last unit on 19.05.2013. The data has been furnished as per filed revision of tariff forms in petition 115/GT/2013.

For M/s RAY & RAY
 Chartered Accountants
 FRN No. 301072E


 Partner



(M.No. 051028)

For NHPC Limited


 (A.K. Pandey)
 CE (Comml.)
 Commercial Division

Other Income as on actual / anticipated COD

Name of the Petitioner : **NHPC Limited**Name of the Generating Station : **Teesta Low Dam-III Power Station**

(Amount in ` Lakh)

Sl. No.	Particulars	Existing 2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
1	2	3	4	5	6	7	8
1	Interest on Loans and advance						
2	Interest received on deposits		NOT APPLICABLE				
3	Income from Investment						
4	Income from sale of scrap						
5	Rebate for timely payment						
6	Surcharge on late payment from beneficiaries						
7	Rent from residential building						
8	Misc. receipts (Please Specify details)						
...	...						
...	...						


For M/s RAY & RAY
Chartered Accountants
FRN No. 301072E


Partner



(M. No. 051028)

For NHPC Limited


(A.K. Pandey)
CE (Comml.)
Commercial Division

Incidental Expenditure during Construction

Name of the Petitioner :
Name of the Generating Station :

NHPC Limited
Teesta Low Dam-III Power Station

(Amount in ` Lakh)

Sl. No.	Particulars	Up to Schedule COD	Upto actual / anticipated COD
1	2	7	8
A	Expenses:		
1	Employees' Benefits Expenses		
2	Finance Costs		
3	Water Charges		
4	Communication Expenses		
5	Power Charges		
6	Other Office and Administrative Expenses		
7	Others (Please Specify Details)		
8	Other pre-Operating Expenses		
		
B	Total Expenses		
	Less: Income from sale of tender		
	Less: Income from guest house		
	Less: Income recovered from Contractors		
	Less: Interest on Deposits		
		

NOT APPLICABLE


For M/s RAY & RAY
Chartered Accountants
FRN No. 301072E


Partner



(M.N.051028)

For NHPC Limited


(A.K. Pandey)
CE (Comml.)
Commercial Division

Name of the Petitioner : **NHPC Limited**
 Name of the Generating Station : **Teesta Low Dam-III Power Station**

Draw Down Schedule for Calculation of IDC & Financing Charges

Sl. No.	Draw Down Particulars	Quarter 1			Quarter 2			Quarter n (QOD)		
		Quantum in Foreign currency	Exchange Rate on draw down date	Amount in Indian Rupee (Rs Lakh)	Quantum In Foreign currency	Exchange Rate on draw down date	Amount in Indian Rupee (Rs Lakh)	Quantum In Foreign currency	Exchange Rate on draw down date	Amount in Indian Rupee (Rs Lakh)
1	Loans									
1.1	Foreign Loan									
1.1.1	Foreign Loan ¹									
	Draw down Amount									
	IDC									
	Financing charges									
	Foreign Exchange Rate Variation									
	Hedging Cost									
1.1.2	Foreign Loan ²									
	Draw down Amount									
	IDC									
	Financing charges									
	Foreign Exchange Rate Variation									
	Hedging Cost									
1.1.3	Foreign Loan ³									
	Draw down Amount									
	IDC									
	Financing charges									
	Foreign Exchange Rate Variation									
	Hedging Cost									
1.1.4									
									
									
1.1	Total Foreign Loan									
	Draw down Amount									
	IDC									
	Financing charges									
	Foreign Exchange Rate Variation									
	Hedging Cost									
1.2	Indian Loans									
1.2.1	Indian Loan ¹									
	Draw down Amount									
	IDC									
	Financing charges									
1.2.2	Indian Loan ²									
	Draw down Amount									
	IDC									
	Financing charges									
1.2.3	Indian Loan ³									
	Draw down Amount									
	IDC									
	Financing charges									
1.2.4									
									
									
1.2	Total Indian Loans									
	Draw down Amount									
	IDC									
	Financing charges									
1	Total Loans drawn									
	IDC									
	Financing charges									
	Foreign Exchange Rate Variation									
	Hedging Cost									
2	Equity									
2.1	Foreign equity drawn									
2.2	Indian equity drawn									
	Total equity deployed									

NOT APPLICABLE

- Note:**
1. Drawal of debt and equity shall be on pari passu basis quarter wise to meet the commissioning schedule. Drawal of higher equity in the beginning is permissible.
 2. Applicable interest rates including reset dates used for above computation may be furnished separately.
 3. In case of multi unit project details of capitalisation ratio used to be furnished.
 4. Detailed calculation of IDC (Actual drawl and repayment dates and amount, rates of interest, etc.) should be furnished.

For M/s RAY & RAY
 Chartered Accountants
 FRN No. 301072E



(M.N. 05/028)

For NHPC Limited

(Signature)
 (A.K. Pandey)
 CE (Comml.)
 Commercial Division

Actual cash expenditure

Name of the Petitioner : **NHPC Limited**
 Name of the Generating Station : **Teesta Low Dam-III Power Station**

(Amount in ` Lakh)


	Quarter-I	Quarter-II	Quarter-III	Quarter-n (COD)
Payment to contractors/suppliers	NOT APPLICABLE			
% of fund deployment				

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

For M/s RAY & RAY
 Chartered Accountants
 FRN No. 301072E

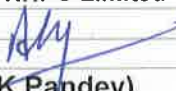

 Partner

For NHPC Limited


 (A.K.Pandey)
 CE (Comm.)
 Commercial Division



(M. No. 051028)

			FORM-15A
Name of Company		NHPC LIMITED	
Name of Power Station		TEESTA LOW DAM -III POWER STATION	
Installed Capacity		4 X 33 MW = 132 MW	
Month		Design Energy* (MUs)	Designed Peaking Capability (MW)
April	I	6.91	132 MW
	II	8.73	
	30.10 III	14.46	
May	I	10.37	
	II	10.59	
	41.11 III	20.15	
June	I	19.03	
	II	29.04	
	76.83 III	28.76	
July	I	30.10	
	II	30.10	
	93.31 III	33.11	
August	I	30.10	
	II	30.10	
	93.31 III	33.11	
September	I	28.37	
	II	20.60	
	74.47 III	25.50	
October	I	22.54	
	II	23.69	
	70.78 III	24.55	
November	I	13.03	
	II	7.27	
	26.50 III	6.20	
December	I	8.78	
	II	8.09	
	23.22 III	6.35	
January	I	8.13	
	II	7.52	
	23.57 III	7.92	
February	I	6.06	
	II	6.01	
	16.77 III	4.70	
March	I	7.36	
	II	7.72	
	24.10 III	9.02	
594.07			
Total		594.07	
As per DPR / TEC of CEA dated 28.11.2002			
Note:			
Specify the number of peaking hours for which station has been designed - 3 Hours.			
For M/s RAY & RAY Chartered Accountants FRN No. 301072E		For NHPC Limited	
			
		(A.K.Pandey)	
		CE (Comm.)	
Partner		Commercial Division	



Liability Flow Statement

Name of the Petitioner : NHPC LIMITED
Name of the Generating Station : Teesta Low Dam - III Power Station

Party	Asset/Work	Year of actual capitalisation	Original Liability	Liability as on 31.03.2014	Discharge (year wise)		Reversal (Year wise)
					2014-15	2015-16	
A. Liability pertains to COD i.e. 19.05.2013							
PATEL ENGINEERING LTD.	(410601) Major Civil Works (Lot TL-1)	2013-14	9,48,34,622	4,74,47,849		4,74,47,849	
PENDEN CEMENT AUTHORITY LTD.	(410601) SUPPLY OF CEMENT	2013-14	2,50,00,039	2,24,82,780		2,24,82,780	
TEXMACO RAIL & ENGINEERING LTD	(410608) Major HM Works (Lot-3)	2013-14	5,98,33,400	3,63,19,473	2,00,00,000	1,63,19,473	
TEXMACO RAIL & ENGINEERING LTD	(410610) Major HM Works (Lot-3)	2013-14	1,26,76,403	1,25,83,403		1,25,83,403	
TEXMACO RAIL & ENGINEERING LTD	(410611) Major HM Works (Lot-3)	2013-14	15,85,349	15,85,349		15,85,349	
ANDRITZ HYDRO PVT. LTD.	(410701) Major E & M Works (Lot-2)	2013-14	26,88,86,990	12,76,93,865	12,76,93,865		
C. C. CONSTRUCTION	(410304) Construction of Building for 2 X 500 KVA DG Set, HT & LT control panel room	2007-08	15,428	15,428	15,428		
CONVETARY TRADERS PVT LTD.	(410601) Transportation of steel from SAIL yard Leusipukri, Mouza Kashiram, Phasideva Raod Siliguri to Central Store, TLDP-III, Ranmbi.	2013-14	2,758	2,758	2,758		
CONVETARY TRADERS PVT LTD.	(410601) Manual loading of cement at Vidyutnagar store, Siliguri and its transportation up to Central Store, TLDP-III, Ranmbi.	2013-14	1,54,393	1,54,393	1,54,393		
CONVETARY TRADERS PVT LTD.	(410601) TRANSPORTATION OF CEMENT FROM VIDYUT NAGAR TO CENTRAL STORE, RAMBI	2013-14	64,267	64,267	64,267		
CONVETARY TRADERS PVT LTD.	(410601) 0	2013-14	4,61,462	4,61,462	4,61,462		
DARPAN CONSTRUCTION CO.	(410323) Providing gate for new dispensary building at Sector-A, TLDP-III, Ranmbi.	2011-12	1,932	1,932	1,932		
DARPAN CONSTRUCTION CO.	(410301) Construction of DG Building Extension for the Fuel Tank at TLDP-III	2013-14	2,25,978	28,914	28,914		
DARPAN CONSTRUCTION CO.	(410301) Construction of PCC drain for collecting seepage water from penstock at GIS area	2013-14	8,282	8,282	8,282		
GARGO TRADERS	(410321) Internal electrification at VIP Guest House, Sector-F	2006-07	26,544	26,544	26,544		
	(410301) Providing services of unskilled manpower for (drilling of DH-F by Drill Rig-2 art right bank of TLDP III	2013-14	3,085	3,085	3,085		
	(410301) Providing services of unskilled manpower for (drilling of DH-O & DH-N by Drill Rig-1 art right bank of TLDP III	2013-14	4,134	4,134	4,134		
P & R ENGINEERING SERVICE	(410605) Erection of Penstock	2013-14	2,92,328	2,92,328	2,92,328		
PROTECH COMPUTERS	(411801) SUPPLY OF UPS (1 KVA)	2013-14	945	945	945		
PROTECH COMPUTERS	(411801) SUPPLY OF UPS	2013-14	3,617	3,617	3,617		



Party	Asset/Work	Year of actual capitalisation	Original Liability	Liability as on 31.03.2014	Discharge (year wise)		Reversal (Year wise)	
					2014-15	2015-16	2014-15	2015-16
JAI PRAKASH ASSOCIATES LIMITED	(410601) SUPPLY OF CEMENT	2013-14	1,519	1,519	1,519			
MEGHALAYA CEMENT LTD.	(410601) SUPPLY OF CEMENT	2013-14	2,42,122	2,42,122		2,42,122		
DOLPHIN CONSTRUCTION	(410326) Electrification work of CISF Barrack, Kitchen, WC & Bath, TLDP-III, Rambi	2013-14	34,283	17,619	17,619			
THE INDIA CEMENT LIMITED	(410601) SUPPLY OF CEMENT	2013-14	1,92,397	1,92,397	1,92,397			
TRILOK INFRACON (INDIA) PVT LTD	(410601) ALUMINIUM AND ROLLING SHUTTER WORKS AT 2 NOS POWER PACK ROOMS IN BARRAGE AREA AT TLDP-III, RAMBI	2013-14	6,909	6,909	6,909			
MILLENIUM CEMENT CO. PVT. LTD.	(410601) SUPPLY OF CEMENT	2013-14	16,62,958	16,62,958		16,62,958		
KANCHANJUNGA ENTERPRISES	(410328) Construction of Fertilizer Shed, Toilet and miscellaneous work near Type-IV (spl)/Type-IV Qtr at Sector-F, TLDP-III	2012-13	25,338	25,338	25,338			
KANCHANJUNGA ENTERPRISES	(410601) Removal of balance approach road material from hill side of intake U/s at TLDP-III	2013-14	20,294	20,294	20,294			
SOLUTION	(410605) Joint Sealing for junction of intake and Penstock line for Unit No 1, 3 and 4 by the injection grouting at TLDP III	2013-14	23,587	23,587	23,587			
SOLUTION	(410605) Joint sealing for junction of intake and Penstock liner for Unit No # 1, 3, and 4 by the injection grouting at Teesta Low Dam Project III	2013-14	82,212	82,212	82,212			
SRINIWAS AGARWAL	(410326) Construction of temporary accommodation for Security personnel at 27 th mile, TLDP-III.	2012-13	8,02,024	57,929	57,929			
SRINIWAS AGARWAL	(410301) Dismantling of Draft Tube Gate Plugs of Unit I, II, III & IV, TLDP-III	2013-14	46,395	46,395	46,395			
SRINIWAS AGARWAL	(410301) Earth filling in cracks developed on slope area above TRC and Power House at TLDP-III	2013-14	18,336	18,336	18,336			
SRINIWAS AGARWAL	(410601) C/o at stair at intake u/s cladding work for making an approach for monitoring the dismantling/removal of Intake Plugging work, TLDP-III	2013-14	3,686	3,686	3,686			
SRINIWAS AGARWAL	(410601) Painting of Power pack rooms at intake and Barrage of TLDP-III	2013-14	5,344	5,344	5,344			
SRINIWAS AGARWAL	(410601) Hiring of Equipment for clearing of Muck/Debris in U/s of intake for reservoir filling at Teesta Low Dam (stage-III) Project (132MW)	2013-14	2,695	2,695	2,695			
SURAVHI ENTERPRISES	(410301) Providing and fixing rolling shutter, aluminium window, painting and other miscellaneous works in fire fighting room for power house at TLDP-III.	2013-14	9,301	9,301	9,301			
	(410601) Providing and fixing 40mm dia MS railing of approved size by chipping old concrete surface at Barrage Top of TLDP-III	2013-14	16,843	16,843	16,843			



Party	Asset/Work	Year of actual capitalisation	Original Liability	Liability as on 31.03.2014	Discharge (year wise)		Reversal (Year wise)	
					2014-15	2015-16	2014-15	2015-16
R.R. ENTERPRISE	(410601) Providing and fixing 40mm dia M.S. Railing of approved size by chipping old concrete surface at Barrage Top across the bay opening at EL 210.00 of Teesta Low Dam Project-III	2013-14	10,072	10,072	10,072			
PINNACLE CONSTRUCTION SOLUTION	(410301) Treatment of leakage from D-Line wall of power House at EL 184.50 M Wall by Chemical Grouting at TLDP-III	2013-14	2,55,997	2,55,997	2,55,997			
C. C. CONSTRUCTION	(411201) Construction of Pipe line and water tank of One lac liter for water supply system in Sector-A of colony site, TLDP-III, Rambi.	2012-13	9,459	-				
DARPAN CONSTRUCTION CO.	(410326) Construction of CISF Barrack by renovation of existing cement godown at Store Complex	2012-13	6,73,222	-				
G S RAI	(410301) Providing services for assistance of shifting drilling accessories and newly approach to drilling location of TLDP III	2013-14	3,686	-				
G S RAI	(410301) Providing assistance services in carrying out drilling works at right bank of TLDP III	2013-14	5,127	-				
GULF OIL CORPORATION	(410601) SUPPLY OF EXPLOSIVE	2013-14	10,845	-				
MILEAGE CONSTRUCTION CO.	(410304) Installation of earthing system for server and computer in admin. Build. Sector C	2006-07	3,877	-				
NAVIN LAMA	(410601) Construction of Protection wall near the confluence of Reli Khola and Teesta River on the left bank of River Teesta (RD 0.00M to 322.0 M). TLDP-III	2013-14	1,80,987	-				
P & R ENGINEERING SERVICE	(410605) Supply, fabrication, erection, testing and commissioning of pressure shaft/penstock liner of TLDP III	2013-14	26,95,265	-				
PREM & BROTHER ENTERPRISES	(410601) Construction of 3 nos drainage drift at EL 2100/197. metro branch at PH	2013-14	61,934	-				
SHAH ELECTRONICS	(411804) SUPPLY OF CCTV	2013-14	16,634	-				
KANCHANJUNGA ENTERPRISES	(410326) Construction of kitchen cum Dining room for CISF personnel at store complex, TLDP-III	2013-14	24,656	-				
SRINIWAS AGARWAL	(410303) Construction of 33 KVA Sub-Station Building, TLDP-III	2013-14	5,22,257	-				
NAMZEE CONSTRUCTION	(410329) Drilling & Fixing of 32 Nos. Bolts at foundation for intermediate Gantry Tower (T-1) on P-72 at TLDP-III	2013-14	31,296	-				
PROVISION FOR OTHER EXPENSES	(410601) Provision for Sales tax demand	2013-14	1,45,32,001	1,45,32,001			1,45,32,001	
PROVISION FOR OTHER EXPENSES	(410601) Provision against arbitration award against the company	2013-14	76,25,73,320	76,25,73,320			76,25,73,320	
EDC (Refer sheet Liability flow EDC)	(EDC) Liability & Provision pertains to expenditure during construction prior to COD	2013-14	5,82,50,082	2,51,56,289			2,51,56,289	
	Sub-Total (A)		1,30,71,38,916	1,05,41,43,971	17,47,14,716	87,94,29,255		

B. Liability pertains to Add Cap FY2013-14 (i.e from COD (19.05.2013) to 31.03.2014)

Party	Asset/Work	Year of actual capitalisation	Original Liability	Liability as on 31.03.2014	Discharge (year wise)		Reversal (Year wise)
					2014-15	2015-16	
PATEL ENGINEERING LTD.	(410601) Major Civil Works (Lot TL-1)	2013-14	1,78,24,405	1,78,24,405		1,78,24,405	
TEXMACO RAIL & ENGINEERING LTD	(410608) Major HM Works (Lot-3)	2013-14	43,843	43,843	43,843		
ANDRITZ HYDRO PVT. LTD.	(410701) Major E & M Works (Lot-2)	2013-14	2,00,09,691	2,00,09,691	2,00,09,691		
TECHNO TRADE	(410704) Increase of elevation of suction pipe line of primary cooling water system inside all the draft tube	2013-14	2,14,712	2,14,712	2,14,712		
ELECTRO SERVICES PVT LTD	(412003) SUPPLY OF PHOTO COPY MACHINE	2013-14	2,59,509	2,59,509	2,59,509		
MECH INDUSTRY	(410704) Flushing arrangement in shaft seal	2013-14	1,87,430	1,87,430	1,87,430		
MECH INDUSTRY	(410704) complete erection of flushing and back flushing arrangement in primary cooling system.	2013-14	2,66,347	2,66,347	2,66,347		
MPR COMPUTERS PVT LTD	(411801) SUPPLY OF COMPUTER	2013-14	68,187	68,187	68,187		
DARPAN CONSTRUCTION CO.	(410601) Construction of security fencing (RBT) on right bank from security post, main gate to barrage top at 27th mile	2013-14	12,48,635	12,48,635	12,48,635		
DARPAN CONSTRUCTION CO.	(410301) Construction of DG Building Extension for the Fuel Tank at TLDP-III	2013-14	5,263	5,263	5,263		
DARPAN CONSTRUCTION CO.	(411201) Water supply line for security personnel and miscellaneous works at security personnel barrack at Sector-A, TLDP-III, Rambi.	2013-14	21,610	21,610	21,610		
DARPAN CONSTRUCTION CO.	(410328) Providing shed over the approach footpath to bathroom & WC of CISF personnel at Store Complex	2013-14	6,396	6,396	6,396		
DARPAN CONSTRUCTION CO.	(410301) Providing and fitting wall and floor tiles for toilet room at EL 184.0M & 187.50 M	2013-14	9,150	9,150	9,150		
DARPAN CONSTRUCTION CO.	(410301) Providing & placing vitrified tiles flooring at Barrage Control Room and const of memento	2013-14	5,599	5,599	5,599		
DARPAN CONSTRUCTION CO.	(410301) Providing and fitting wall floor tiles for toilet room at level 190.50 M & 197.00 M of Power House	2013-14	6,568	6,568	6,568		
EVERGREEN CONSTRUCTION COMPANY	(410329) Development of playground with excavation, construction of crate wall and concrete road in opposite to VIP guest house TLDP-III Rambi	2013-14	2,99,306	2,99,306	2,99,306		
GREEN VALLEY CONSTRUCTION	(410301) Renovation of rooms at EL 194.0 M of power house with brickwork, plastering, Painting and flooring	2013-14	64,966	64,966	64,966		
GREEN VALLEY CONSTRUCTION	(410601) Construction of RCC drain and Protection wall along the Approach road of Power House/Barrage from RD 1215.0M to RD 1280.0M	2013-14	29,643	29,643	29,643		
GREEN VALLEY CONSTRUCTION	(410601) Construction of RCC drain and Protection wall along the Approach road of Power House/Barrage from RD 1280.0M to RD 1340.0M	2013-14	26,597	26,597	26,597		

70

Ary



Party	Asset/Work	Year of actual capitalisation	Original Liability	Liability as on 31.03.2014	Discharge (year wise)		Reversal (Year wise)	
					2014-15	2015-16	2014-15	2015-16
GREEN VALLEY CONSTRUCTION	(410601) Construction of water drain hill side along the road to barrage from Y junction to intake u/s face	2013-14	23,865	23,865	23,865			
GREEN VALLEY CONSTRUCTION	(410601) Construction of PCC drain and protection wall along approach of Power House	2013-14	20,006	20,006	20,006			
GREEN VALLEY CONSTRUCTION	(410601) Architectural concreting work at barrage pier nose, EL 210.0 u/s of barrage axis	2013-14	9,305	9,305	9,305			
PAVE INFRASTRUCTURE PRIVATE LIMITED	(410304) Internal electrification of proposed 2nd floor of Administrative office building at Sector-C	2013-14	24,283	24,283	24,283			
PROTECH COMPUTERS	(411804) SUPPLY OF WI-FI ROUTER LINK	2013-14	98,160	98,160	98,160			
PURAN RAI	(410328) Renovation of wall and road side drain at the approach road to T-II(P) quarters, Sector-A	2013-14	2,69,016	2,69,016	2,69,016			
PURAN RAI	(411201) Providing hot water storage tank with associated pipe line, tiles in AC office and soak pit at CISF Barrack Sector-A	2013-14	1,53,813	1,53,813	1,53,813			
PURAN RAI	(410601) Construction of a drain and Hill Protection wall along the Approach road of Barrage from RD 385.00 M to 485.00 M	2013-14	34,082	34,082	34,082			
PURAN RAI	(410601) Construction of PCC drain and protection wall along approach of Power	2013-14	7,287	7,287	7,287			
S.S. CONSTRUCTION	(410328) Providing Partition and Shelves for Store into the CISF Barrack at Store Complex, Sector-A	2013-14	8,080	8,080	8,080			
DOLPHIN CONSTRUCTION	(410301) Internal Electrification of 33 KVA Sub Station	2013-14	3,021	3,021	3,021			
DOLPHIN CONSTRUCTION	(410326) Electrification work of CISF Barrack, Kitchen, WC & Bath, TLDP-III, Rambi	2013-14	339	339	339			
GHANSHYAM CHHETRI	(410328) Internal Electrification of CISF Strong room building at Store area of sector-A	2013-14	5,598	5,598	5,598			
JAI JALANDHAR COMPANY	(410601) Construction of PCC Drain and Protection wall along the Approach road of Power House/Barrage from RD 856.00M to RD 944.00M at TLD-III PS.	2013-14	26,336	26,336	26,336			
JAI JALANDHAR COMPANY	(410601) Construction of Hill Protection wall along the Approach road of Barrage from RD 1512.00M to 1577.50M at TLD-III PS.	2013-14	12,901	12,901	12,901			
HIMALAYAN INFOTECH SYSTEM (P) LTD.	(411801) Purchase of Computers & UPS	2013-14	2,69,325	2,69,325	2,69,325			
M B TRADERS	(411701) SUPPLY OF FURNITURE	2013-14	26,715	26,715	26,715			
KANCHANJUNGA ENTERPRISES	(410601) Providing and supply of water supply facility at Barrage complex area, TLD III PS.	2013-14	8,776	8,776	8,776			
	(410605) Treatment of leakage from top of penstock liner and concrete joints at EL	2013-14	30,452	30,452	30,452			
SRINIVAS AGARWAL	(410328) Construction of CISF Strong Room at Store Complex, Sector-A, TLDP-III	2013-14	8,23,358	8,23,358	8,23,358			



Party	Asset/Work	Year of actual capitalisation	Original Liability	Liability as on 31.03.2014	Discharge (year wise)		Reversal (Year wise)	
					2014-15	2015-16	2014-15	2015-16
SRINIWAS AGARWAL	(410304) Extension of Administrative building at Sector-C, TLDP-III	2013-14	1,85,398	1,85,398	1,85,398			
S.N.INTERIORS	(411701) SUPPLY OF FURNITURE FOR POWER HOUSE	2013-14	7,881	7,881	7,881			
ALSTOM T&D INDIA LTD.	(410701) SUPPLY OF RTU SYSTEM	2013-14	2,64,502	2,64,502	2,64,502			
R.R.ENTERPRISE	(410301) Providing and fixing grating over Draft tube stoplog opening at EL197.00M	2013-14	22,740	22,740	22,740			
PINNACLE CONSTRUCTION SOLUTION	(410301) Treatment of leakage from D-Line wall of power House at EL 184.50 M Wall by Chemical Grouting	2013-14	13,527	13,527	13,527			
PINNACLE CONSTRUCTION SOLUTION	(410605) Strengthening of junction of steel liner and concrete in penstock by chemical grouting for penstock i & II at LTD-III PS	2013-14	1,46,952	1,46,952	1,46,952			
PINNACLE CONSTRUCTION SOLUTION	(410605) Inside treatment of leakage of penstock and concrete joints by chemical grouting at unit no: III and IV	2013-14	2,28,268	2,28,268	2,28,268			
ABR ENGINEERING	(410704) Covering of 250 NB installed pipe line by cementitious grouting material in all the draft tube	2013-14	1,06,043	1,06,043	1,06,043			
ABR ENGINEERING	(410301) Providing and laying interlocking paver blocks in front of service bay of power house.	2013-14	34,611	34,611	34,611			
NAMZEE CONSTRUCTION	(410601) Drilling/Fixing of Bolt (36mm) and Dowels (16mm) by HILTI Diamond Core Cutting/HILTI RE-500 require for repair of sill beams in spillways of barrage bays no. S-7, S-6 and S-5 of TLD-III Power Station	2013-14	61,275	61,275	61,275			
NAMZEE CONSTRUCTION	(410601) Providing and Fixing of HILTI HAS-ER M20 170/48 threaded anchor with HILTI RE-500 Chemical for the purpose of setting the cage ladder at barrage at TLD-III PS	2013-14	44,980	44,980	44,980			
JT. COMMISSIONER SALES TAX DEPARTMENT	(410601) Provision for Sales tax demand	2013-14	9,49,261	9,49,261	9,49,261			
JT. COMMISSIONER SALES TAX DEPARTMENT	(410301) Provision for Sales tax demand	2013-14	5,11,140	5,11,140	5,11,140			
PATEL ENGINEERING LTD.	(410301) Provision against arbitration award against the company in r/o Lot TL-1 (Civil) works	2013-14	21,04,51,201	21,04,51,201	21,04,51,201			
PATEL ENGINEERING LTD.	(410601) Provision against arbitration award against the company in r/o Lot TL-1 (Civil) works	2013-14	3,79,27,181	3,79,27,181	3,79,27,181			
TEXMACO RAIL & ENGINEERING LTD	(410608) Provision on a/c of cost compensation claim recommended by the standing committee in r/o LOT-3 (HM)	2013-14	51,69,415	51,69,415	51,69,415			
TEXMACO RAIL & ENGINEERING LTD	(410610) Provision on a/c of cost compensation claim recommended by the standing committee in r/o LOT-3 (HM)	2013-14	8,89,633	8,89,633	8,89,633			
TEXMACO RAIL & ENGINEERING LTD	(410611) Provision on a/c of cost compensation claim recommended by the standing committee in r/o LOT-3 (HM)	2013-14	6,04,190	6,04,190	6,04,190			



Party	Asset/Work	Year of actual capitalisation	Original Liability	Liability as on 31.03.2014	Discharge (year wise)		Reversal (Year wise)	
					2014-15	2015-16	2014-15	2015-16
ANDRITZ HYDRO PVT. LTD.	(410701) Provision on a/c of cost compensation claim recommended by the standing committee in r/o LOT-2 (E & M)	2013-14	7,14,82,219	7,14,82,219	7,14,82,219			
ANDRITZ HYDRO PVT. LTD.	(410702) Provision on a/c of cost compensation claim recommended by the standing committee in r/o LOT-2 (E & M)	2013-14	71,46,136	71,46,136	71,46,136			
ANDRITZ HYDRO PVT. LTD.	(410703) Provision on a/c of cost compensation claim recommended by the standing committee in r/o LOT-2 (E & M)	2013-14	13,07,045	13,07,045	13,07,045			
ANDRITZ HYDRO PVT. LTD.	(410704) Provision on a/c of cost compensation claim recommended by the standing committee in r/o LOT-2 (E & M)	2013-14	13,83,588	13,83,588	13,83,588			
ANDRITZ HYDRO PVT. LTD.	(410705) Provision on a/c of cost compensation claim recommended by the standing committee in r/o LOT-2 (E & M)	2013-14	1,36,75,961	1,36,75,961	1,36,75,961			
ANDRITZ HYDRO PVT. LTD.	(410707) Provision on a/c of cost compensation claim recommended by the standing committee in r/o LOT-2 (E & M)	2013-14	5,61,181	5,61,181	5,61,181			
ANDRITZ HYDRO PVT. LTD.	(410708) Provision on a/c of cost compensation claim recommended by the standing committee in r/o LOT-2 (E & M)	2013-14	44,05,033	44,05,033	44,05,033			
ANDRITZ HYDRO PVT. LTD.	(410709) Provision on a/c of cost compensation claim recommended by the standing committee in r/o LOT-2 (E & M)	2013-14	12,47,028	12,47,028	12,47,028			
ANDRITZ HYDRO PVT. LTD.	(410710) Provision on a/c of cost compensation claim recommended by the standing committee in r/o LOT-2 (E & M)	2013-14	2,70,945	2,70,945	2,70,945			
ANDRITZ HYDRO PVT. LTD.	(410711) Provision on a/c of cost compensation claim recommended by the standing committee in r/o LOT-2 (E & M)	2013-14	67,01,144	67,01,144	67,01,144			
ANDRITZ HYDRO PVT. LTD.	(410712) Provision on a/c of cost compensation claim recommended by the standing committee in r/o LOT-2 (E & M)	2013-14	17,78,574	17,78,574	17,78,574			
ANDRITZ HYDRO PVT. LTD.	(410713) Provision on a/c of cost compensation claim recommended by the standing committee in r/o LOT-2 (E & M)	2013-14	38,57,467	38,57,467	38,57,467			
	Sub-Total (B)			41,38,87,094	14,62,23,906		26,76,63,188	
C. Liability pertains to CWIP as on 31.03.2014								
Santalal & brothers	Lowering of river bed on the downstream of TRC			2791982	2791982			
Darpan Construction	Providing & Laying of Bitumen mastic wearing course road to barrage top			2231464	2231464			
Navin Lama	Construction of silt lab and transit room at U/s Barrage of Cellular Wall			1481097	1481097			
Ruden sada Iepha	Left bank slope protection by crate work and RBM filling up to EL 220.00 M from Barrage axis to D/s end of guide wall at TLDP-III			4464408	4464408			
Santalal & brothers	Widening of TRC outlet area with toe protection work			1811351	1811351			
Srivastava Brothers	Construction of main gate at 'O' point and near 33 KV building to access road from NH-31A to Power House			58669	58669			
Kanchan Prasad Enterprises	Providing dining hall by extension of canteen, connecting shed from barrack to canteen and railing on upper terrace toward CISF barrack			135037	135037			

Party	Asset/Work	Year of actual capitalisation	Original Liability	Liability as on 31.03.2014	Discharge (year wise)		Reversal (Year wise)	
					2014-15	2015-16	2014-15	2015-16
Prem Gupta	Construction of new water tank at Store complex for water supply at colonies of TLD-III Power Station			280015	280015			
	Sub-Total (C)			13254023	13254023			
	Total (A+B+C)			1,48,12,85,088	33,41,92,645	1,14,70,92,443		

For NHPC Limited

(Signature)
 (A.K.Pandey)
 CE (Comml.)
 Commercial Division

For M/s RAY & RAY
 Chartered Accountants
 ERN No. 301072E

(Signature)



(M.No. 051028)



75

एन एच पी सी लिमिटेड
(भारत सरकार का उद्यम)**NHPC Limited**

(A Government of India Enterprise)

संदर्भ सं./Ref. No. NH/Comml/Tariff/315/2014/1113

The Secretary,
Central Electricity Regulatory Commission,
3rd & 4th Floor, Chanderlok Building, 36,
Janpath, New Delhi – 110 001.

फोन/Phone : _____
दिनांक/Date : 29.04.2012
क. वि. आयोग
दिनांक 30/4/2014
प्राप्त हुआ
[Signature]

Sub.: Payment of yearly installment of filing fees for tariff petitions of 18 power stations of NHPC Limited for the tariff period 2014-15.

Sir,

We are in process of filing tariff petitions for our 18 projects. The requisite filing fee for the financial year 2014-15 has been paid by us through RTGS/NEFT as detailed below:

Sl. No.	Name of Project	Installed Capacity (MW)	Petition No.	Filing fee @ ₹4400/MW/Annum for FY 2014-15	UTR No.
1	Parbati-III	520	Yet to be filed	22,88,000	SBIN814118286640
2	Uri-II	240	Yet to be filed	10,56,000	SBIN814118286543
3	Nimoo Bazgo	45	Yet to be filed	1,98,000	SBIN714118978586
4	TLDP-III	132	Yet to be filed	5,80,800	SBIN814118294515
5	Chutak	44	Yet to be filed	1,93,600	SBIN814118286623
6	Chamera-III	231	Yet to be filed	10,16,400	SBIN814118294517
7	Sewa-II	120	Yet to be filed	5,28,000	SBIN814118294514
8	Teesta-V	510	Yet to be filed	22,44,000	SBIN814118286637
9	Dulhasti	390	Yet to be filed	17,16,000	SBIN814118286619
10	Dhauliganga	280	Yet to be filed	12,32,000	SBIN814118286565
11	Chamera-II	300	Yet to be filed	13,20,000	SBIN814118294436
12	Rangit	60	Yet to be filed	2,64,000	SBIN814118286782
13	Uri-I	480	Yet to be filed	21,12,000	SBIN814118286627
14	Chamera-I	540	Yet to be filed	23,76,000	SBIN814118286779
15	Tanakpur	94.2	Yet to be filed	4,14,480	SBIN814118286787
16	Salal	690	Yet to be filed	30,36,000	SBIN814118286785
17	Loktak	105	Yet to be filed	4,62,000	SBIN814118294513
18	Bairasiul	180	Yet to be filed	7,92,000	SBIN814118294516
Total filing fee to be paid for FY 2014-15				2,18,29,280	

Contd.2

पंजीकृत कार्यालय : एन एच पी सी ऑफिस कॉम्प्लेक्स, सेक्टर-33, फरीदाबाद, हरियाणा-121 003 (भारत)
Regd. Office : NHPC Office Complex, Sector-33, Faridabad, Haryana-121 003 (INDIA)
Website : www.nhpcindia.com; E-mail : webmaster@nhpc.nic.in; Fax : 0129-2277941; EPABX No. : 0129-2278421

- 2 -


Details of remittance through RTGS/NEFT are provided in enclosed Form-I as per CERC (Payment of Fees) Regulations, 2012 for each project.

Kindly acknowledge receipt.

Encl.: Form-I (18 sheets).

Thanking you,

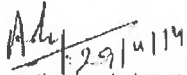
Yours sincerely,


29/14/14

(A. K. Pandey)

Chief Engineer (Comml.)
Telefax No.0129-2256558



Sl. No.	Particulars	
1	Name of the Petitioner/Applicant	NHPC LIMITED
2	Address of the Petitioner/Applicant	NHPC OFFICE COMPLEX, SECTOR-33, FARIDABAD-121003 (HARYANA)
3	Subject Matter	Payment of yearly installment (i.e. for FY 2014-15) of filing fee for Tariff Petition regarding approval of generation tariff of TLDP -III HE Project for the period 01.04.2014 to 31.03.2019.
4	Petition No., if any	
5	Details of generation assets	
(a)	generating station/units	TLDP -III / 4 units
(b)	Capacity in MW	132 MW (4 x 33 MW)
(c)	Date of commercial operation	19.05.2013
(d)	Period for which fee paid	01.04.2014 to 31.03.2015
(e)	Amount of fee paid	₹5,80,800 /-
(f)	Surcharge, if any	Nil
6	Details of transmission assets	
(a)	Transmission line and sub-stations	NOT APPLICABLE
(b)	Date of commercial operation	
(c)	Period for which fee paid	
(d)	Amount of fee paid	
(e)	Surcharge, if any	
7	Fee paid for Adoption of tariff for	
(a)	Generation asset	NOT APPLICABLE
(b)	Transmission asset	
8	Application fee for licence	
(a)	Trading licence	NOT APPLICABLE
(b)	Transmission licence	
(c)	Period for which paid	
(d)	Amount of fee paid	
9	Fees paid for Miscellaneous Application	NOT APPLICABLE
10	Fees paid for Interlocutory Application	NOT APPLICABLE
11	Fee paid for Regulatory Compliance petition	NOT APPLICABLE
12	Fee paid for Review Application	NOT APPLICABLE
13	Licence fee for inter-State Trading	
(a)	Category	NOT APPLICABLE
(b)	Period	
(c)	Amount of fee paid	
(d)	Surcharge, if any	
14	Licence fee for inter-State Transmission	
(a)	Expected/Actual transmission charge	NOT APPLICABLE
(b)	Period	
(c)	Amount of fee calculated as a percentage of transmission charge.	
(d)	Surcharge, if any	
15	Annual Registration Charge for Power Exchange	
(a)	Period	NOT APPLICABLE
(b)	Amount of turnover	
(c)	Fee paid	
(d)	Surcharge, if any	
16	Details of fee remitted	
(a)	UTR No.	SBIN814118294515
(b)	Date of remittance	28.04.2014
(c)	Amount remitted	₹5,80,800 /-
Note : While Sl. Nos. 1 to 3 and 16 are compulsory, the rest may be filled up as applicable.		
 Signature of the authorized signatory with date		

NHPC Limited
(A Government of India Enterprise)

No. NH/CS/8(374)/1210

Dated:28.7.2014

Sub: Decision of the Board of Directors.

Extracts from the Minutes of the 374th Meeting of the Board of Directors of NHPC Limited held on 7th July, 2014 in respect of following item(s) is/are forwarded herewith for information and necessary action please.

Item No.	Subject
374.2.32	Projected Additional Capital Expenditure of Power Stations for the tariff period 2014-19.

Follow-up action taken wherever necessary on the decision of the Board of Directors may please be intimated.

Executive Director(O&M)



(Vijay Gupta)

Company Secretary

ofe/

79
EXTRACTS OF THE MINUTES OF 374TH MEETING OF THE
BOARD OF DIRECTORS OF NHPC LIMITED HELD ON 07.07.2014.
X X X X X X X

ITEM NO.
374.2.32 :

PROJECTED ADDITIONAL CAPITAL EXPENDITURE OF POWER STATIONS FOR THE TARIFF PERIOD 2014-19:

1. The Board was informed that Central Electricity Regulation Commission (CERC) allows Power Station-wise tariff for each tariff period on the basis of petition filed before it. Hon'ble Commission has notified regulations for the tariff period 2014-19. As per the regulations, CERC allows tariff on capital cost at the beginning of tariff period and projected capital expenditure for the next five years/ end of tariff period. The projected capital expenditure for the tariff period 2014-19 in respect of each power station has been examined by the management which will be reviewed including additional expenditure, if required, in financial year 2016-17. Accordingly, tariff petitions are required to be filed for the tariff period 2014-19 in respect of 18 power stations in operation.

2. The Board after consideration of above, accorded its in principle approval for additional capital expenditure of Rs.1070.83 Crore.

3. The Board also passed the following resolutions:

1. "RESOLVED THAT the projected Additional Capital Expenditure of 18 Power Stations amounting to Rs.1070.83 crore for the tariff period 2014-19 as detailed in Annexure-1 to 18 of the agenda note, be and is hereby approved in principle."
2. "RESOLVED FURTHER THAT Chairman & Managing Director/Director (Technical) be and is hereby authorized to modify projected Additional Capital Expenditure based on the admissibility as per applicable CERC regulations/requirement at site."
3. "RESOLVED FURTHER THAT the additional capital expenditure shall be reviewed after the issue of CERC orders regarding fixation of the tariff for the period 2014-19. The truing up petitions, wherever required, shall be filed in 2016-17, to minimize the impact of interest due to variation between additional capital allowed vs. actual."

X X X X X X X

82/

