

PETITION NO.GT/2019

PETITION FOR TRUING UP OF TARIFF FOR
THE PERIOD 2014-19 AND TARIFF PETITION
FOR THE PERIOD 2019-24 IN RESPECT OF
URI-I POWER STATION

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

Volume-I

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

Petition No. /GT/2019

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 8 & 14(3), 25(3) of CERC (Terms and Conditions of Tariff) Regulations, 2014 for truing up of tariff for the period 2014-19 in respect of **Uri-I Power Station**.

AND 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 9(2), 10(1), 12, 25, 26 & 35 (2) of CERC (Terms and Conditions of Tariff) Regulations, 2019 of CERC (Terms and Conditions of Tariff) Regulations' 2019 for determination of tariff for the period 2019-24 in respect of **Uri-I Power Station**.

PETITIONER

NHPC Limited,
(A Govt. of India Enterprise)
NHPC Office Complex, Sector-33,
Faridabad (Haryana) - 121 003.

RESPONDENTS:

The Chairman, **& 12 others**
Punjab State Power Corporation Ltd.,
The Mall, Near Kali Badi Mandir, Patiala-147001
(Punjab).

INDEX

Sl. No.	Particulars	Page No.
Volume-I		
1.	Index Page	1-2
2.	Petition	3-37
3.	Affidavit & Authority Letter	38-41

4.	Annexes:	
Annex-I	Audited tariff Forms 1 to 16 as prescribed in CERC (Terms & Conditions of Tariff) Regulations, 2014	42-133
Annex-II	Audited tariff Forms 1 to 19 as prescribed in CERC (Terms & Conditions of Tariff) Regulations, 2019	134-192
Annex-III	CERC Tariff Order dtd. 13.07.2016 in petition No. 238/GT/2014 (Uri-I Power Station)	193-235
Annex-IV	Details of gain on account of auxiliary consumption (AUX) shared with beneficiaries during 2014-19 and Annual Energy Bills	236-241
Annex-V	Details of Consumption of Spares during 2014-19	242-243
Annex-VI	Additional impact of GST duly certified by Auditors	244-250
Annex-VII	Effective Rate Certificate duly certified by Auditors	251-259
Annex-VIII	Details of Petition Fee for the period 2014-19 & 2019-20	260-282
Volume-II		
Annex-IX	Audited balance sheets for FY 2014-15, 2015-16, 2016-17, 2017-18 and 2018-19	283-881
Annex-X	Minutes of 427 th NHPC Board of Directors Meeting and Board Agenda Note	882-891
Annex-XI	Check List as per CERC order dated 06.05.2016 in petition no. 08/SM/2016	892-896
Annex-XII	Speed Post Receipt (only for CERC)	897

NHPC Limited
Through



(M G Gokhale)

General Manager (Comml.)

Place : Faridabad

Date : 23.10.2019

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

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PETITIONER

NHPC Limited,
(A Govt. of India Enterprise)
NHPC Office Complex, Sector-33,
Faridabad (Haryana) - 121 003.

Respondents:

- | | |
|---|--|
| 1) The Chairman,
Punjab State Power Corporation Ltd,
The Mall , Near Kali Badi Mandir,
Patiala - 147 001 (Punjab). | 2) The Chairman,
Haryana Power Purchase Centre
Shakti Bhawan, Sector - 6
Panchkula-134 109 (Haryana). |
|---|--|



- 3) The Chief Executive Officer,
BSES Rajdhani Power Ltd., BSES
Bhawan,
Nehru Place, New Delhi-110 019.
- 4) The Chief Executive Officer,
BSES Yamuna Power Ltd.,
Shakti Kiran Building,
Karkardooma, Delhi-110 072.
- 5) The Chief Operating Officer,
Tata Power Delhi Distribution Ltd.
33 kV Sub-Station Building,
Hudson Lane, Kingsway Camp,
New Delhi-110 009.
- 6) The Principal Secretary,
Power Development Department,
New Secretariat,

Jammu -180 001 (J&K)
- 7) The Chairman,
Uttar Pradesh Power Corporation Ltd.,
Shakti Bhawan, 14, Ashok Marg,
Lucknow - 226 001 (Uttar Pradesh).
- 8) The Managing Director,
Ajmer Vidyut Vitaran Nigam Limited
(AVVNL),
Old Power House, Hatthi Bhatta,
Jaipur Road, Ajmer - 305 001
(Rajasthan).
- 9) The Managing Director,
Jaipur Vidyut Vitaran Nigam Limited
(JVVNL),
Vidyut Bhawan, Janpath,
Jaipur - 302 005.
- 10) The Managing Director,
Jodhpur Vidyut Vitaran Nigam Limited
(JdVVNL),
New Power House, Industrial Area,
Jodhpur - 342 003 (Rajasthan).
- 11) Chairman-Cum-Managing Director,
Uttaranchal Power Corporation Ltd.,
Urja Bhawan, Kanwali Road,
- 12) Chief Engineer & Secretary,
Engineering Deptt., 1st Floor,
UT Secretariat, Sector 9-D,
Chandigarh – 160 009.
- 13) The Chairman,
Himachal Pradesh State Electricity
Board,
Vidyut Bhawan, Kumar House,
Shimla - 171 004 (Himachal Pradesh).



Petition under 79(1) & 86 of the CERC (Conduct of Business), Regulations, 1999, Section 62(1)(a) of the Electricity Act, 2003 and Regulation 8, 14(3) and 25(3) of CERC (Terms and Conditions of Tariff) Regulations, 2014 its subsequent amendment and Regulation 9(2), 10 (1), 12, 25, 26 & 35 (2) of CERC (Terms and Conditions of Tariff) Regulations, 2019 in respect of Uri-I Power Station.

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. The Uri-I Power Station (4x120=480 MW) owned by NHPC is located in the UT of Jammu & Kashmir and supplying power to its beneficiaries in the Northern Region since its Commercial operation (i.e. w.e.f 01.06.1997).
3. NHPC has constructed Uri-I and is operating and maintaining the same, since its Commercial Operation. The power generated from this Power Station is being supplied to the various Bulk Power beneficiaries / Customers / Successor utilities in Northern Region, i.e. Respondents herein as per Power Purchase Agreements (PPAs) / BPSAs 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 Hon'ble Commission had determined the tariff of Uri-I for the tariff period 01.04.2014 to 31.03.2019 vide its order dated 13.07.2016 (**Annex-III**) in petition No. 238/GT/2014 in accordance with the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2014 and subsequent amendments thereof.

PART-A: TRUING UP OF TARIFF FOR THE PERIOD 2014-19

6. The projected additional capitalization & de-capitalization (including discharge of liabilities, if any) allowed by the Hon'ble Commission vide its order dated 13.07.2016 is summarized as under:

(₹ in lakh)

Year	2014-15	2015-16	2016-17	2017-18	2018-19
Net additional capital expenditure allowed	573.98	567.05	1174.09	0.00	0.00
Discharge of liabilities	11.49	0.00	0.00	10.20	0.00
Additional Capital expenditure allowed	585.47	567.05	1174.09	10.20	0.00

7. The details of Annual Fixed Charges (AFC) allowed by the Hon'ble Commission vide order dated 13.07.2016 considering the opening capital cost of ₹ 341750.70 Lakh (as on 01.04.2014) and above additional capitalization is as under:

(₹ in lakh)

Particulars	2014-15	2015-16	2016-17	2017-18	2018-19
Return on Equity	21311.47	21345.37	21396.59	21431.43	21431.73
Interest on Loan	0.00	0.00	0.00	0.00	0.00
Depreciation	4691.42	4728.63	4777.34	4828.83	4829.16
Interest on Working Capital	1008.40	1037.27	1068.61	1101.57	1134.54
O & M Expenses	7419.40	7912.34	8438.04	8998.66	9596.54
AFC	34430.69	35023.61	35680.58	36360.49	36992.03

8. The present petition is being filed as per regulation 8, 14 and 25 of CERC (Terms and Conditions of Tariff) Regulation, 2014 for truing up of tariff for



the period 2014-19. The relevant extracts of regulation 8, 14 and 25 is reproduced hereunder:

"8. Truing up

(1) The Commission shall carry out truing up exercise along with the tariff petition filed for the next tariff period, with respect to the capital expenditure including additional capital expenditure incurred up to 31.3.2019, as admitted by the Commission after prudence check at the time of truing up:

*Provided that the generating company or the transmission licensee, as the case may be, shall make an application for **interim truing up** of capital expenditure including additional capital expenditure **in FY 2016-17**.*

(2) The generating station shall carry out truing up of tariff of generating station based on the performance of following Controllable parameters:

a) Controllable Parameters:

i) Station Heat Rate;

ii) Secondary Fuel Oil Consumption;

iii) Auxiliary Energy Consumption; and

iv) Re-financing of Loan.

.....
.....
.....

*(8) The generating company or the transmission licensee as the case may be, shall carry out the truing up of **grossed up rate of return on equity** in accordance with Clause 3 of Regulation 25 of these regulations.*



.....
.....
.....”
.....

“14. **Additional Capitalisation and De-capitalisation:**

.....
.....

(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;*
- (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)
- (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)



(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)

(x)

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:

.....
.....
.....”

“25. Tax on Return on Equity:

(3) The generating company or the transmission licensee, as the case may be, shall true up the grossed up rate of return on equity at the end of every financial year based on actual tax paid together with any additional tax demand including interest thereon, duly adjusted for any refund of tax including interest received from the income tax authorities pertaining to the tariff period 2014-15 to 2018-19 on actual gross income of any financial year. However, penalty, if any, arising on account of delay in deposit or short deposit of tax amount shall not be claimed by the generating company or the



transmission licensee as the case may be. Any under-recovery or over-recovery of grossed up rate on return on equity after truing up, shall be recovered or refunded to beneficiaries or the long term transmission customers/DICs as the case may be on year to year basis."

9. Hon'ble Commission vide Suo-moto order no. 03/SM/2017 dated 08.03.2017 has reviewed the provision of interim truing up of tariff under regulation 8(1) of CERC Tariff Regulations'2014. Para 4 of said order is reproduced below:

"It shall not be mandatory for the generating Companies and transmission licensees to file the application for interim truing up in terms of proviso to Clause (1) of the Regulation 8 of 2014 Tariff Regulation. The generating companies or transmission licensees shall make applications for truing up at the end of the tariff period. Only in those cases where the variation is more than 30% of the Annual Fixed Charges granted, the generating company or transmission licensees may approach the Commission for interim truing up."

10. In case of Uri-I, the variation in AFC was less than 30% during 2014-15 and 2015-16. Accordingly, petitioner has not approached the Hon'ble Commission for interim-truing up during 2016-17.
11. In view of above, the present petition is filed on account of following reasons:
- a. There is variation in additional capital expenditure allowed by CERC vide order dated 13.07.2016 and actual additional capital expenditure incurred by Uri-I during 2014-19. Further, some of the additional capital



expenditure (including corresponding deletion) allowed by CERC has not been incurred / not to be incurred & therefore now being surrendered in this petition.

- b. There are certain additional capital expenditures which were not projected earlier, however incurred by the power station due to site specific requirements which are essential for successful and efficient plant operation. Such additional capitalization needs to be included as part of capital base for the purpose of tariff.
- c. To carry out truing up of grossed up rate of return on equity based on 'effective tax rate' applicable to NHPC for the period 2014-19 in line with Regulation 25(3) of CERC Tariff Regulations, 2014.
- d. To carry out truing up of tariff of generating station based on actual Auxiliary Energy Consumption (AUX) for the period 2014-19 as per Regulation 8(2)(a)(iii) of CERC Tariff Regulations, 2014.
- e. To carry out truing up of tariff of generating station based on Re-financing of Loan as per regulation 8 (2)(a)(iv) of CERC Tariff Regulations, 2014.

12. The details of net additional capitalization to be claimed for tariff have been derived from the actual capital additions as per books for the period 2014-19. The detailed of the same is tabulated below:

(₹ in lakh)

S. No.	Particulars	14-15	15-16	16-17	17-18	18-19
A.	Addition during the year / period	58.84	664.01	128.08	585.72	916.06
B.	Less: De-capitalisation during the year /	57.15	151.49	0.91	35.44	349.42

	period					
C.	Add: Discharges during the year / period	6.15	0.00	43.61	0.00	0.00
D.	Net Addition (A-B+C)	7.84	512.52	170.78	550.28	566.64

13. There are certain additional capitalizations which were not claimed earlier in petition no. 238/GT/2014 and have become necessary for successful and efficient operation of the generating station. These works have been undertaken as per site requirement of power station and capitalized in the books for the period 2014-19. Such additional capitalization has been claimed in Form 9A with detailed justification. Hon'ble Commission is requested to allow such Add cap for the purpose of tariff of the generating station.
14. With the adoption of IND AS (New Accounting Standard), spare parts are to be accounted for as per IND-AS 16-Property, Plant and Equipment. Accordingly, the treatments of Spares in financial statement of the power station have been changed w.e.f. FY 2016-17. In line with the provisions of IND-AS, some of the spares which have been consumed w.e.f. FY 2016-17 has been claimed against replacement during respective years. However, spares which are capitalised but not consumed have been kept under exclusion category (Form 9D) and not claimed for tariff as these assets are actually not put to use during respective years. Such assets will be claimed for tariff in the year in which the assets are actually put to use by de-capitalizing the old assets. Further, certain items in the nature of minor assets, tools & tackles, furniture, computers etc. which are not allowed to be capitalized for the purpose of tariff after the cut-off date as per provisions of regulation 14(3)(x) of CERC Tariff Regulations, 2014 has been kept under exclusion category (Form 9D). The deletion of such items has also been kept under exclusion



category in Form 9B(i) as the corresponding positive entries are not being allowed by CERC for the purpose of tariff. This is also in line with the decision of Hon'ble Commission at para-32 of order dated 13.07.2016 in petition no. 238/GT/2014. Accordingly, Hon'ble Commission is requested to exclude / ignore such negative entries for the purpose of tariff.

15. Considering the above facts, the net additional capitalization already allowed by CERC vide order dated 13.07.2016 and net actual additional capitalization for 2014-19 claimed in the instant petition is summarized as under:

(₹ in lakh)

Year	2014-15	2015-16	2016-17	2017-18	2018-19
Net Add Cap allowed vide order dated 13.07.2016	573.98	567.05	1174.09	0.00	0.00
Net Actual Add Cap claimed in this petition	7.84	512.52	170.78	550.28	566.64

16. **Capital cost:** Considering the above additional capitalization and opening capital cost of ₹ 341750.70 lakh (as on 01.04.2014) considered by CERC in tariff order dated 13.07.2016, the year wise capital cost considered for computation of tariff is as under:

(₹ in lakh)

Particulars	2014-15	2015-16	2016-17	2017-18	2018-19
Opening Capital Cost	341750.70	341758.54	342271.06	342441.84	342992.12
Net Additional capitalization during the year	7.84	512.52	170.78	550.28	566.64
Closing Capital Cost	341758.54	342271.06	342441.84	342992.12	343558.76

17. Computation of Annual Fixed Charges (AFC):

Based on the above capital cost, the various components of tariff have been worked out in the following manner as specified in relevant regulations:

a. Return on Equity (ROE):

- a. The Uri-I Power Station is a Purely ROR scheme, the base rate for computation of ROE has been considered at 15.5% as per regulation 24(2) of Tariff Regulation'2014.
- b. The base rate of ROE has been grossed up with the 'effective tax' rate applicable to NHPC as per regulation-25(1) of CERC Tariff Regulation'2014. The details of the same are furnished in Form-1(ii) of Annexure-I.

b. Depreciation:

As Uri-I has already completed 12 years of its useful life, spreading of remaining depreciable value over the balance useful life of power station has been considered in line with Regulation 27 of CERC Tariff Regulations, 2014.

c. Interest on loan:

The actual loan for this project has already been repaid. The normative loan on account of the additional capital expenditure during the period 2014-19 have also been considered as fully paid, as the calculated depreciation is more than the amount of normative loan in these years. Accordingly, interest on loan has been considered as zero in all the years of



tariff period 2014-19 in line with Regulation 26(3) of CERC Tariff Regulations, 2014.

d. O&M Expenses:

The O&M expenses applicable for Uri-I for the tariff period 2014-19 has already been notified by the Hon'ble Commission vide CERC (Terms & Conditions of Tariff) Regulations, 2014 based on previous years' actual O&M expenses of the Power Station. However, while finalizing this data, expenses booked under the head "Capital Spares", "Expenditure of Capital nature as per accounting practice not claimed/disallowed in capital cost" etc. were excluded / not considered by CERC. This is evident from para-29.43 of Statement of Reasons (SOR) to CERC (Terms & Conditions of Tariff) Regulations, 2014 (page no. 153) which is reproduced hereunder:

"29.43 Further, the Commission has reviewed the norms proposed in the draft Regulations in view of the fact that some of the Central Generating Companies including NTPC and NHPC have booked expenses under the heads "Capital Spares" and "Expenditure of Capital nature as per accounting practice not claimed/disallowed in capital cost". The Commission, while deriving the norms, had not considered "Expenditure of Capital nature as per accounting practice not claimed/disallowed in capital cost". After repeated communications from the Commission for submitting the breakup of such expenses incurred, NTPC submitted capital spares data at a very late stage. The Commission prima facie observed that the capital spares data submitted needs detailed scrutiny before being approved. NHPC did not submit the required data in this regard. The Commission prima facie observed that the capital spares data submitted needs detailed scrutiny before being approved. NHPC did not submit the required data in this regard. The Commission has therefore, not included

such expenses as a part of O&M expenses. The Commission shall, however, consider the same separately at the time of truing up after prudence check of actual data. The generating stations should submit the details of the year-wise capital spares consumed substantiating that the same has not been funded through either compensatory allowance or special allowance and has not booked such expenses as additional capitalisation or as a part of repair and maintenance expenses and consumption of stores and spares as applicable for thermal and hydro generating stations.”

In line with the above directions of CERC, the details of consumption of capital spares during 2014-19 are being submitted with the instant petition (**Annex-V**) as summarized below:

(₹ in lakh)

Year	Consumption of Capital Spares
2014-15	133.54
2015-16	78.63
2016-17	132.12
2017-18	71.75
2018-19	42.47

As compensatory allowances or special allowances are not being obtained for hydro generating stations and capital spares are not being claimed under additional capitalization, Hon'ble Commission is requested to allow separate reimbursement of above expenses in addition to the O&M expenses already allowed during 2014-19.

A separate petition no. 224/MP/2019 has already been submitted by the petitioner for recovery of impact of wage revision of NHPC employees and deputed employees of Kendriya Vidyalaya (KV) / Dayanand Anglo Vedic



(DAV) & Central Industrial Security Force (CISF) in Uri-I Power Station during the period 01.01.2016 to 31.03.2019.

e. Interest on working capital

The applicable rate of interest on working capital is 13.5% (SBI Base Rate as on 01.04.2014 + 350 basis points), as regulation 28(3) of CERC Tariff Regulations'2014.

18. Based on the capital cost & parameters mentioned at para-16 & para-17 above, the petitioner has computed the revised Annual Fixed Charges (AFC) for the tariff period 2014-19. The details of AFC allowed by CERC vide order its dated 13.07.2016 and computed by the petitioner and claimed in the instant petition is summarized below:

(₹ in lakh)

Particulars	2014-15	2015-16	2016-17	2017-18	2018-19
AFC allowed vide order dtd. 13.07.2016	34430.69	35023.61	35680.58	36360.49	36992.03
AFC Claimed in instant petition					
Depreciation	4677.11	4692.96	4718.33	4739.77	4777.01
Interest on Loan	0.00	0.00	0.00	0.00	0.00
Return on Equity	21512.75	21580.37	21429.96	21594.99	21713.27
Interest on Working Capital	1012.71	1041.86	1068.02	1103.28	1139.89
O & M Expenses	7419.40	7912.34	8438.04	8998.66	9596.54
Total	34621.97	35227.53	35654.35	36436.70	37226.71

The difference between claimed AFC in the instant petition and allowed AFC as per order dated 13.07.2016 may be allowed to be recovered / refunded from / to the beneficiaries as per provisions of clause (11), (12) and (13) of Regulation 8 of CERC (Terms and Conditions of Tariff) Regulations, 2014.

19. Recovery of Impact of GST:

Govt. of India has implemented Goods and Services Tax Act, 2017 with effective from **01.07.2017** all over India except in the state of J&K. The said Act has been implemented in the state of J&K w.e.f. **08.07.2017**.

MoP, GoI has issued a direction to CERC under Section 107 of the Electricity Act, 2003 on 27.08.2018 which states as under:

(a) Any change in domestic duties, levies, cess and taxes imposed by Central Government, State Governments / Union Territories or by any Government instrumentality leading to corresponding changes in the cost, may be treated as "Change in Law" and may unless provided otherwise in the PPA, be allowed as pass through.

.....
(e) The impact of such change in law shall be effective from the date of change in law.

Hon'ble Commission vide its order dated 14.03.2018 (in Petition No. 13/SM/2017) and order dated 17.12.2018 (in Petition No. 01/SM/2018) has already considered the implementation of GST as '**change in law**'.

The tax paid in Operation and Maintenance of plants (service portion) are loaded in O&M expenses of the respective power stations. The Hon'ble Commission had fixed the O&M expenses in case of NHPCs power stations for the period 2014-19 based on actual expenses incurred during past 5 years,



whereas GST has been implemented w.e.f. 01.07.2017 only. Accordingly, the additional tax implications due to implementation of GST was **not factored** by the Commission while allowing O&M expenses for the period 2014-19.

Accordingly, we have petition no. 133/MP/2019 in CERC on 26.04.2019 and requested Hon'ble Commission to consider the implementation of GST as 'change in law' and allow reimbursement of additional expenditure, from the beneficiaries.

However, the said petition has been disposed of by Hon'ble Commission vide order dated 22.08.2019 granting liberty to the petitioner to raise the claim for reimbursement of additional tax on Operation and Maintenance expenses due to implementation of Goods and Service Act, 2017 along with the truing up petition for the period 2014-19.

The additional impact of GST during FY 2017-18 (01.07.2017 to 31.03.2018) and FY 2018-19 in respect of Uri-I duly certified by statutory auditors (**Annex-VI**) are tabulated below:

Additional Impact of GST on O&M Expenses (in Rs.)			
2017-18	2018-19 (01.04.18 to 31.12.18)	2018-19 (01.01.19 to 31.03.19)	Total
41881260	41032533	16342050	99255843

The CERC Tariff Regulations, 2014 do not specifically provide reimbursement of the additional tax implications due to implementation of GST. However, Hon'ble Commission under provisions of Regulation 55 of CERC Tariff Regulations, 2014 is vested with the powers to remove difficulty (if any) in implementing the provisions of said regulations and also under Regulation 54 has the powers to relax the same.



Accordingly, the petitioner humbly request the Hon'ble Commission to allow **reimbursement of additional tax paid due to implementation of GST** in respect of Uri-I Power Station from the respondents, in proportion to their allocation of power.

20. Filing fee in respect of operating power stations of NHPC are being paid regularly on year on year basis to CERC during the month of April in line with CERC (Payment of Fees) Regulations, 2012. The tariff filing fee so paid is recoverable from the respondents as per Regulation 52(1) of CERC Tariff Regulations, 2014. Details of Tariff filing fee paid during 2014-19 in respect of Uri-I Power Station is as under.

Year	Amount (in Rs.)	UTR No.
2014-15	21,12,000	SBIN814118286627
2015-16	21,12,000	SBIN215117557463
2016-17	21,12,000	SBIN316119888206
2017-18	21,12,000	SBIN317115658067
2018-19	21,12,000	SBIN718116392141
Total	1,05,60,000/-	

Accordingly, filing fee is not being paid separately by the petitioner along with this petition. Copy of letters are attached as **Annexure-VIII**.

21. The above tariff is exclusive of any statutory taxes, levies, duties, cess, charges or any other kind of imposition(s) whatsoever imposed / charged by any Government (Central / State) and / or any other local bodies / authorities / regulatory authorities through any act or regulation in relation to generation of electricity including auxiliary consumption or any other types of consumption including water, transmission of power, environmental



protection, sale or on supply of power / energy, and / or in respect of any of its installations associated with Generating Stations and / or on transmission system.

22. The amount of such taxes/duties/cess/levies/charges etc. payable by NHPC to the authorities concerned in any month on account of the said taxes/duties /cess/levies/charges etc. as referred above shall be borne and additionally paid by the respondents to the petitioner
23. Further, the tariff proposal is exclusive of any transmission / communication / ULDC charges to be paid to PGCIL, POSOCO / NLDC under sharing regulations and RLDC Fees and charges under CERC (Fees & Charges of RLDC and other related matters) Regulations, 2009. These charges as applicable shall be directly recoverable from beneficiaries as per Regulation 43 & 52(2)(a) of CERC Tariff Regulations, 2014.
24. Further, as per regulation 8 (2)(a)(iii) & (iv), generating station shall carry out truing up of tariff based on the performance of controllable parameters such as Auxiliary Energy Consumption (AUX) and refinancing of loan.

a. Truing up of tariff based on actual Auxiliary Energy Consumption (AUX) for 2014-19:

The financial gain on account of actual auxiliary energy consumption being less than the normative auxiliary energy consumption is to be shared in the ratio of 60:40 between generating station & beneficiaries as per regulation 8(6) of CERC Tariff Regulations, 2014 and its subsequent amendment thereof. The details of actual auxiliary energy consumption for period 2014-19 are summarized below:

✓

Parameters	2014-15	2015-16	2016-17	2017-18	2018-19
Normative Auxiliary Consumption	1.2%	1.2%	1.2%	1.2%	1.2%
Actual Auxiliary Consumption	1.0%	1.0%	1.0%	1.1%	0.9%
Saleable Design Energy (MU)	2249.57	2249.57	2249.57	2249.57	2249.57
Saleable Schedule Energy (MU)	2639.18	2791.19	2393.42	1977.40	2553.31

It is clear from above that, during 2014-17 and 2018-19 period, the actual auxiliary energy consumption is less than the normative auxiliary energy consumption and saleable schedule generation is also greater than saleable design energy. Hence, net gain has been calculated as per the procedure laid down in Regulation 8(6)(ii) of CERC Tariff Regulations, 2014.

During 2017-18, the actual auxiliary energy consumption is less than the normative auxiliary energy consumption but sealable schedule generation is also less than saleable design energy. Hence, there is no gain on account auxiliary energy consumption during 2017-18 as per the procedure laid down in Regulation 8(6)(ii) of CERC Tariff Regulations, 2014.

The net gain during 2014-17 and 2018-19 has been worked and shared in the ratio of 60:40 between Uri-I and its beneficiaries as under.

(Amount in Rs.)

Particulars	2014-15	2015-16	2016-17	2017-18	2018-19
Net Gain	4099978	4221598	3783508	0	6353658
Gain retained with generating station -60%	2459987	2532959	2270105	0	3812195
Gain shared with beneficiaries - 40%	1639991	1688639	1513403	0	2541463

The detail of yearly gain shared with the beneficiaries and yearly energy bills are enclosed at Annex-IV.

b. Truing up of tariff based on refinancing of loan:

As per regulation 8 (2)(a)(iv), generating station shall carry out truing up of tariff of generating station based on Re-financing of Loan. As there is no actual loan outstanding in case of Uri-I Power Station, no truing up on account of Re-financing of Loan is required.



PART-B: TARIFF PETITION FOR THE PERIOD 2019-24

1. In line with regulation 9(2), 10(1) and 12 of CERC Tariff Regulations'2019 petitioner is supposed to submit tariff petition for the period 2019-24 along with the truing up petition for the period 2014-19. The relevant extract of regulation 9(2) & 12 of CERC Tariff Regulations is reproduced as under:

“9 Application for determination of tariff

.....

(2) In case of an existing generating station or unit thereof, or transmission system or element thereof, the application shall be made by the generating company or the transmission licensee, as the case may be, by 31.10.2019, based on admitted capital cost including additional capital expenditure already admitted and incurred up to 31.3.2019 (either based on actual or projected additional capital expenditure) and estimated additional capital expenditure for the respective years of the tariff period 2019-24 along with the true up petition for the period 2014-19 in accordance with the CERC (Terms and Conditions of Tariff) Regulations, 2014.”

“12 Truing up of tariff for the period 2014-19

The tariff of the generating stations and the transmission systems for the period 2014-19 shall be trued up in accordance with the provisions of Regulation 8 of Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2014 along with the tariff petition for the period 2019-24. The capital cost admitted as on 31.3.2019 based on the truing up shall form the basis of the opening capital cost as on 1.4.2019 for the tariff determination for the period 2019-24.”



Further, as per regulation 10(1) of CERC Tariff Regulations'2019, the petitioner is supposed to file petition as per relevant tariff forms (enclosed with the Tariff Regulation as Annex-I) containing details of projected additional capital expenditure for the tariff period 2019-24.

2. Truing up of tariff for the period 2014-19 along with relevant tariff forms and Annexure enclosed is attached with this petition under **Part-A.**
3. As the cut-off date of the project is already elapsed, the projected add cap for the period 2019-24 is being claimed under provisions of regulation 25 and 26 of CERC Tariff Regulations, 2019 which reads as under:

“25. Additional Capitalisation within the original scope and after the cut-off date:

(2) In case of replacement of assets deployed under the original scope of the existing project after cut-off date, the additional capitalization may be admitted by the Commission, after making necessary adjustments in the gross fixed assets and the cumulative depreciation, subject to prudence check on the following grounds:

- a. The useful life of the assets is not commensurate with the useful life of the project and such assets have been fully depreciated in accordance with the provisions of these regulations;*
- b. The replacement of the asset or equipment is necessary on account of change in law or Force Majeure conditions;*
- c. The replacement of such asset or equipment is necessary on account of obsolescence of technology; and*



- d. The replacement of such asset or equipment has otherwise been allowed by the Commission.”*

“26. Additional Capitalisation beyond the original scope:

(1) 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 beyond the original scope, may be admitted by the Commission, subject to prudence check:

- a. Liabilities to meet award of arbitration or for compliance of order or directions of any statutory authority, or order or decree of any court of law;*
- b. Change in law or compliance of any existing law;*
- c. Force Majeure events;*
- d. Need for higher security and safety of the plant as advised or directed by appropriate Indian Government Instrumentality or statutory authorities responsible for national or internal security;*
- e. Deferred works relating to ash pond or ash handling system in additional to the original scope of work, on case to case basis:*

Provided also that if any expenditure has been claimed under Renovation and Modernisation (R&M) or repairs and maintenance under O&M expenses, the same shall not be claimed under this Regulation;

- f. Usage of water from sewage treatment plant in thermal generating station.*



(2) In case of de-capitalisation of assets of a generating company or the transmission licensee, as the case may be, the original cost of such asset as on the date of de-capitalisation shall be deducted from the value of gross fixed asset and corresponding loan as well as equity shall be deducted from outstanding loan and the equity respectively in the year such de-capitalisation takes place with corresponding adjustments in cumulative depreciation and cumulative repayment of loan, duly taking into consideration the year in which it was capitalised."

4. The closing capital cost as on 31.03.2019 amounting to Rs. 343558.76 lakh based on the truing up petition (**Part-A**) has been used as opening capital cost as on 31.03.2019 for computation of tariff for the tariff period 2019-24.
5. The details of projected capital expenditure for the tariff period 2019-24 considered in this petition has been given in Form-9A of Annex-II. The same is tabulated below:

(Rs in lakh)

S. No.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
A.	Addition during the year / period	682.19	1007.90	939.00	147.60	1007.00
B.	Less: De-capitalisation during the year / period	199.47	190.21	152.57	64.60	343.45
C.	Add: Discharges during the year / period	204.49	0.00	0.00	0.00	0.00
D.	Net Addition (A-B+C)	687.21	817.69	786.43	83.00	663.55

6. Hon'ble Commission vide its order dated 13.07.2016 in petition no. 238/GT/2014 has allowed additional capital expenditure on projection basis.



However, due to unavoidable circumstances which were beyond the control of the petitioner, Power Station was not in a position to incur certain additional capital expenditure during 2014-19. Such additional capitalization which were already allowed by the Hon'ble Commission during 2014-19 period and are essentially required for efficient operation of the generating station are claimed during 2019-24. Hon'ble Commission is requested to allow such additional capitalization (spill over of items from 2014-19 period) during 2019-24 tariff period.

7. **Capital cost:** Considering the above projected additional capitalization and opening capital cost of Rs. 343712.19 lakh (as on 31.03.2019), the year wise capital cost considered for computation of tariff is as under:

(₹ in lakh)

Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
Opening Capital Cost	343712.19	344429.63	345431.58	346009.67	346157.27
Net Additional capitalization during the year	687.21	817.69	786.43	83.00	663.55
Closing Capital Cost	344245.97	345063.66	345850.09	345933.09	346596.64

8. **Computation of Annual Fixed Charges (AFC):**

Based on the above capital cost, the various components of tariff have been worked out in the following manner as specified in relevant regulations:

a. **Return on Equity (ROE):**

- a. The Uri-I Power Station is a Pondage scheme, the base rate for computation of ROE has been considered at 15.5% for capital

expenditure already incurred up to 31.03.2019 and weighted average rate of interest applicable to the petitioner as a whole (i.e. 7.92%) for additional capital expenditure (excluding add cap on account of change in law and replacement of items which were earlier allowed by the Hon'ble Commission claimed under regulation 25(2) of CERC Tariff Regulations' 2019) w.e.f. 01.04.2019 as per regulation 30(2) of Tariff Regulation'2019.

- b. The base rate of ROE considered at point 'a' has been grossed up with the prevailing MAT rate as on 01.04.2019 in line with regulation-31(1) of CERC Tariff Regulation'2019, which will be trued up subsequently based on ' Effective Tax' rate.

b. Depreciation:

As Uri-I has already completed 12 years of its useful life, spreading of remaining depreciable value has been spread over the balance useful life of power station in line with Regulation 33 of CERC Tariff Regulations, 2019 considering the useful life of the power station as 40 years.

c. Interest on loan:

The actual loan for this project has already been repaid. The normative loan on account of the additional capital expenditure during the period 2014-19 have also been considered as fully repaid, as the calculated depreciation is more than the amount of normative loan in these years. Accordingly, interest on loan has been considered as zero in all the years of tariff period 2019-24 in line with Regulation 32(3) of CERC Tariff Regulations, 2019.



d. O&M Expenses:

The O&M expenses applicable for Uri-I for the tariff period 2019-24 has already been notified by the Hon'ble Commission under regulation 35 (2) of CERC (Terms & Conditions of Tariff) Regulations, 2019 based on previous years' actual O&M expenses of the Power Station. The relevant extract of regulation 35 (2) of CERC (Terms & Conditions of Tariff) Regulations, 2019

"35 Operation and Maintenance Expenses:

(2) Hydro Generating Station:

(a).....

.....

Note: The impact in respect of revision of minimum wage, pay revision and GST, if any, will be considered at the time of determination of tariff.

.....

(c) The Security Expenses and Capital Spares for hydro generating stations shall be allowed separately after prudence check:

Provided further that the generating station shall submit the assessment of the security requirement and estimated expenses, the details of year-wise actual capital spares consumed at the time of truing up with appropriate justification."

While determining the O&M Expenses for the period 2019-24, Hon'ble Commission has not considered the impact in respect of revision of minimum wage, pay revision and GST, if any and it was mentioned that same will be considered at the time of determination of tariff. Accordingly, the impact of pay revision and GST are claimed over and above the allowed O&M Expenses as per the following details:

2

(Rs in Lakh)

Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
Allowed O&M Expenses	9865.77	10336.03	10828.70	11344.85	11885.61
Impact of Wage Revision-NHPC Staff	1296.68	1358.53	1423.33	1491.23	1562.36
Impact of GST	601.11	629.79	659.83	691.30	724.28
Impact of Wage Revision-KV Staff	7.28	7.63	8.00	8.38	8.78
Revised O&M Expenses	11770.85	12331.98	12919.86	13535.75	14181.02

As per regulation 35 (2)(c) of CERC Tariff Regulations'2019, the Security Expenses and Capital Spares for hydro generating stations shall be allowed separately. Accordingly, based on the security requirement the estimated security expenses for the period 2019-24 is projected as under:

(Rs. in lakh)

Year	2019-20	2020-21	2021-22	2022-23	2023-24
Estimated Security Expenses	3471.80	3637.40	3810.91	3992.69	4183.14

Accordingly, Hon'ble Commission is requested to allow the above estimated security expenses for the period 2019-24. The expenditure on account of consumption of capital spares during 2019-24 shall be claimed at the time of truing up of tariff.

e. Interest on working capital

Interest on working capital has been computed on normative basis at the bank rate (MCLR+ 350 bp) (8.55%+3.50%=12.05%) as on 01.04.2019 as per Regulation 34 (c) of CERC Tariff Regulations, 2019.



9. Annual fixed charges (AFC) worked out in respect of Uri-I for the period 01.04.2019 to 31.03.2024 based on the Central Electricity Regulatory Commission (Terms & Conditions of Tariff) Regulations, 2019 as under: (Refer Form-1 of Annex-II).

(Rs. in lakh)

AFC Component	2019-20	2020-21	2021-22	2022-23	2023-24
Depreciation	3507.07	3554.93	3608.20	3641.45	3668.59
Interest on Loan	0.00	0.00	0.00	0.00	0.00
Return on Equity	20515.53	20550.85	20585.68	20606.04	20627.07
Interest on Working Capital	982.51	1,013.11	1,045.18	1,078.19	1,112.65
O & M Expenses	11770.85	12331.98	12919.86	13535.75	14181.02
AFC	36775.95	37450.87	38158.92	38861.43	39589.33

10. As per first proviso to regulation 14(3) of CERC Tariff Regulations'2014, in case of hydro generating stations the additional capital expenditure on account of **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.** This provision regarding acquisition the minor items have been deleted in CERC Tariff Regulations'2019.

It seems from above that, the additional capitalizations on account of minor items are allowed w.e.f. 01.04.2019. However, in the present petition,

al

additional capitalisation on account of 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. have not been considered and same will be claimed at the time of truing up of tariff for the period 2019-24.

11. Filing fee amounting to Rs.21,12,000/- for the year 2019-20 (first year of tariff period 2019-24) has already been electronically transferred through UTR No. SBIN219116877156 in terms of CERC (Payment of Fee) Regulations, 2012 & same has already been intimated to CERC vide letter dtd. 29.04.2019. Copy of said letter is attached as **Annex-VIII**. Further, the filing fee in respect of remaining years of tariff period 2019-24 will be remitted by the petitioner by 30th April of respective of respective year. Accordingly, the Hon'ble Commission is requested to allow reimbursement filing fee from beneficiaries in line with regulation 70(1) of CERC Tariff Regulations'2019.
12. In compliance to Central Electricity Regulatory Commission (Procedure for making of application for determination of tariff, publication of the application and other related matters) Regulations, 2004, the petitioner will publish the notice of tariff petition in respect of Uri-I Power station in the newspapers. The proof of publication for the same will be submitted separately. Hon'ble Commission is requested to allow recovery of publication expenses from the beneficiaries.
13. 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 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.

14. 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.
15. Further, the tariff proposal is exclusive of any transmission / communication / ULDC charges to be paid to PGCIL, POSOCO / NLDC under sharing regulations and RLDC Fees and charges under CERC (Fees & Charges of RLDC and other related matters) Regulations, 2009. These charges as applicable shall be directly recoverable from beneficiaries as per regulation 70 of CERC Tariff Regulations, 2019.
16. As per Jammu & Kashmir State Water Resources Regulatory Authority order no. 89/JKSWRRA dated 22.12.2014 and its subsequent amendments notified in pursuance to J&K Water Resources (Regulation and Management) Act, 2010, hydroelectric plants with head above 90m are supposed to make payment of water usage charges @ ₹ 0.25/Cumecs of water utilized to State water resources department. The charges are payable by the beneficiaries as **additional energy charge** in proportion to their supply of power from the generating stations on month to month basis in line with Regulation 31(8) of CERC Tariff Regulations, 2014. Accordingly, the Hon'ble Commission is requested to permit the petitioner to raise bills to the respondents as and when such payments are made to the State Govt.

Prayer

Part-A : Truing up of Tariff for the period 2014-19

1. Tariff of Uri-I Power Station for the period 01.04.2014 to 31.03.2019 may be revised in accordance with Regulation-8 of Central Electricity Regulatory Commission (Terms & Conditions of Tariff) Regulations, 2014.
2. Allow such additional capital expenditure which were not allowed by CERC vide order dated 13.07.2016, but incurred due to site specific requirements during 2014-19 as mentioned in **para-13 (part-A)** above.
3. Allow exclusion of negative entries pertaining to items in the nature of minor assets, tools & tackles, furniture, computers etc. for the purpose of tariff as mentioned in **para-14 (part-A)** above.
4. Allow the net additional capitalization as claimed in **para-15 (part-A)** above.
5. Allow truing up of grossing up rate of ROE based on 'effective tax' rate for the period 2014-19 as mentioned in **para-17 (a)** (part-A) above.
6. Allow reimbursement of expenses on account of 'consumption of capital spares' during 2014-19 as mentioned in **para-17 (d)** above.
7. The Annual Fixed Charges (AFC) of Uri-I Power Station has been revised as **₹ 34621.97 lakh, ₹ 35227.53 lakh, ₹ 35654.35 lakh, ₹ 36436.70 lakh & ₹ 37226.71 lakh** for the FY 2014-15, 2015-16, 2016-17, 2017-18, & 2018-19 respectively, as mentioned in **para-18 (part-A)** above. The difference between calculated AFC and that allowed by CERC vide order dated 13.07.2016 may be allowed to be recovered / refunded from / to the respondents in the manner specified in Regulation 8(13) of CERC (Terms & Conditions of Tariff) Regulations, 2014 and its subsequent amendments.



8. To allow reimbursement of additional tax paid due to implementation of GST from the respondents, in proportion to their allocation of power considering the same as 'Change in Law' by exercising its power vested under regulation 54 and 55 of CERC Tariff Regulations, 2014 as mentioned in **para-19 (part-A)**.
9. NHPC may be allowed to bill the Respondents for levies, taxes, duties, cess, charges, fee etc. if any, as mentioned in **para-21 to 23 (part-A)** above.

Part-B : Tariff Petition for the period 2019-24

10. Tariff of Uri-I Power Station for the period 01.04.2019 to 31.03.2024 may be determined under Section 62(1) (a) of the Electricity Act, 2003 read with regulation-9(2) of the Central Electricity Regulatory Commission (Terms & Conditions of Tariff) Regulations, 2019 issued on 07.03.2019.
11. Allow the net additional capitalization for the period 2019-24 as claimed in **para-5 (Part-B)**.
12. Allow the additional capitalization (spill over of items from 2014-19 period) during 2019-24 tariff period as claimed in **para-6 (Part-B)**.
13. To allow the impact of wage revision and GST as additional O&M expenses as mentioned in **para-8 (d) (Part-B)**.
14. To allow the estimated security expenses separately to be recovered from beneficiaries during 2019-24 as mentioned in **para-8(d) (Part-B)**.
15. The Annual Fixed Charges (AFC) of Uri-I Power Station for the period 2019-24 has been worked out as ₹ 36775.95 lakh, ₹ 37450.87 lakh, ₹ 38158.92 lakh, ₹ 38861.43 lakh & ₹ 39589.33 lakh for the FY 2019-20, 2020-21, 2021-22, 2022-23, & 2023-24 respectively, as mentioned in **para-9 (Part-B)** above. The difference between calculated AFC and that allowed by CERC

vide order dated 13.07.2016 (for the period 2018-19) may be allowed to be recovered / refunded from / to the respondents in the manner specified in Regulation 10(7) of CERC (Terms & Conditions of Tariff) Regulations, 2019 and its subsequent amendments.

16. Allow additional capital expenditure on account of acquiring the minor items or the assets including tools and tackles at the time of truing up of tariff as mentioned in **para-10 (Part-B)**.
17. Allow reimbursement of filing fee of this petition as mentioned in **para-11 (Part-B)**.
18. Allow reimbursement of expenses incurred on publication of notices in the application of tariff for the period 2019-24 as mentioned in **para-12 (Part-B)**.
19. NHPC may be allowed to bill the Respondents for levies, taxes, duties, cess, charges, fee etc. if any, as mentioned in **para-13 to 15 (Part-B)** above.
20. Pass such other and further order / orders as are deemed fit and proper in the facts and circumstances of the case.

NHPC Limited.
Through


(M G Gokhale)
General Manager (Comml.)

Place : Faridabad
Date : 23.10.2019



हरियाणा HARYANA

49AA 155247

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

Petition No. /GT/ 2019

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 8 & 14(3), 25(3) of CERC (Terms and Conditions of Tariff) Regulations, 2014 for truing up of tariff for the period 2014-19 in respect of Uri-I Power Station.

AND 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 9(2), 10(1), 12, 25, 26 & 35 (2) of CERC (Terms and Conditions of Tariff) Regulations, 2019 of CERC (Terms and Conditions of Tariff) Regulations' 2019 for determination of tariff for the period 2019-24 in respect of Uri-I Power Station.

PETITIONER

NHPC Limited.,
(A Govt. of India Enterprise)
NHPC Office Complex, Sector-33,
Faridabad (Haryana) - 121 003.

RESPONDENT

The Chairman,
Punjab State Power Corporation Ltd,
The Mall, Near Kali Badi Mandir,
Patiala - 147 001 (Punjab).



& 12 others

AFFIDAVIT VERIFYING THE PETITION

I, M G Gokhale S/o Late Sh. G D Gokhale aged 53 years working as General Manager (Commercial) in NHPC Limited, the applicant in the above matter do solemnly affirm and state as follows that:-

1. I am working as General Manager (Commercial) in NHPC Limited, and am well acquainted with the facts of the above matter.
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 ^{23rd}..... October, 2019 that the contents of the above affidavit are true to my knowledge, no part of it is false and nothing material has been concealed therefrom.



DEPONENT

IDENTIFIED BEFORE ME



23 OCT 2019

IDENTIFIED THE DEPONENT
Executors His / Her Their
Signature / Thumbs / Impresion

ATTESTED AS IDENTIFIED

Notary Faridabad (Haryana;



एन एच पी सी लिमिटेड

(भारत सरकार का उद्यम)

NHPC Limited

(A Government of India Enterprise)

संदर्भ सं./Ref. No. NH/Comml./Tariff/315/2018

फोन/Phone: 04.05.2018

दिनांक/Date: 04.05.2018

Authority Letter

I, M.K. Mittal, S/o Sh. Tek Chand Mittal working as Director (Finance), NHPC Ltd., NHPC Office Complex, Sector-33, Faridabad, Haryana, 121003, hereby authorize following officials of Commercial Division:

1. Sh. Ashok Kumar Pandey, Chief Engineer (Comml.)
2. Sh. Milind Ganesh Gokhale, Chief Engineer (Comml.)

to do all or any of the acts or things hereinafter mentioned below:

1. To institute, defend, argue and conduct petitions, sign and verify petitions, written statements, written submissions and to file the same before the Central Electricity Regulatory Commission.
2. To appear, act and plead before the Central Electricity Regulatory Commission.
3. To compromise, compound or withdraw cases filed before the Central Electricity Regulatory Commission.
4. To file petitions or affidavits before the Central Electricity Regulatory Commission and to obtain the copies of documents, papers, records etc.
5. To apply for the inspection of the records of the proceedings of the Central Electricity Regulatory Commission.
6. To issue notices and accept service of any summons, notices or orders issued by the Central Electricity Regulatory Commission.



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




Continuation Sheet No.

7. To sign the appeals, petition etc. arising out of any summons, notices or orders issued by the Central Electricity Regulatory Commission on behalf of the Company.
8. To take all such actions as may be necessary in the case.

The Specimen signature of

Sh. Ashok Kumar Pandey

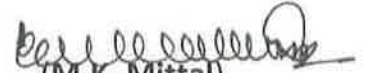


Sh. Milind Ganesh Gokhale








(M.K. Mittal)

Director (Finance)

04/05/2018

एम. के. मिट्टल / M. K. MITTAL

निदेशक (वित्त) / Director (Finance)

एन एच पी सी लिमिटेड / NHPC Limited

(भारत सरकार का उद्यम / A Govt. of India Enterprise)

सेक्टर-33, फरीदाबाद / Sector - 33, Faridabad


(M.K. Mittal)

Director (Finance)

04/05/2018

एम. के. मिट्टल / M. K. MITTAL

निदेशक (वित्त) / Director (Finance)

एन एच पी सी लिमिटेड / NHPC Limited

(भारत सरकार का उद्यम / A Govt. of India Enterprise)

सेक्टर-33, फरीदाबाद / Sector - 33, Faridabad



ANNEX-I

Summary Sheet

Name of the Petitioner : NHPC LIMITED

Name of the Generating Station : URI-I POWER STATION

Place (Region / District / State) : NORTHERN / BARAMULLA / J&K

(Rs. 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
1.1	Depreciation	4,675.59	4,677.11	4,692.96	4,718.33	4,739.77	4,777.01
1.2	Interest on Loan	0.00	0.00	0.00	0.00	0.00	0.00
1.3	Return on Equity ¹	21,293.10	21,512.75	21,580.37	21,429.96	21,594.99	21,713.27
1.4	Interest on Working Capital	997.64	1,012.71	1,041.86	1,068.02	1,103.28	1,139.89
1.5	O&M Expenses	9,124.10	7,419.40	7,912.34	8,438.04	8,998.66	9,596.54
	Total AFC	36,090.44	34,621.97	35,227.53	35,654.35	36,436.70	37,226.71

Note

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

For Arora Vohra & Co.

Chartered Accountants

FRN: 009487N



(CA. Surinder Arora)

M.No. 085036

Partner

UDIN: 19085036AAAACE2762

For NHPC Ltd.

(M G Gokhale)

GM (Commercial)

Commercial Division

Name of the Petitioner : NHPC LIMITED

Name of the Generating Station : URI-I POWER STATION

Place (Region/District/State) : NORTHERN / BARAMULLA / J&K

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	341,750.70	341,758.54	342,271.06	342,441.84	342,992.12
2	Add : Addition during the year / period	58.84	664.01	128.08	585.72	916.06
3	Less : De-capitalisation during the year / period	57.15	151.49	0.91	35.44	349.42
4	Less : Reversal during the year / period	0.00	0.00	0.00	0.00	0.00
5	Add : Discharges during the year / period	6.15	0.00	43.61	0.00	0.00
6	Closing Capital Cost	341,758.54	342,271.06	342,441.84	342,992.12	343,558.76
7	Average Capital Cost	341,754.62	342,014.80	342,356.45	342,716.98	343,275.44

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	108,588.74	108,591.09	108,744.85	108,796.08	108,961.17
2	Add : Increase due to addition during the year / period	17.65	199.20	38.42	175.72	274.82
3	Less : Decrease due to de-capitalisation during the year / period	17.15	45.45	0.27	10.63	104.83
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	1.84	0.00	13.08	0.00	0.00
6	Closing Equity	108,591.09	108,744.85	108,796.08	108,961.17	109,131.16
7	Average Equity	108,589.92	108,667.97	108,770.46	108,878.62	109,046.16
8	Rate of ROE	19.811%	19.859%	19.702%	19.834%	19.912%
9	Return on Equity	21,512.75	21,580.37	21,429.96	21,594.99	21,713.27

For Arora Vohra & Co.
Chartered Accountants

For NHPC Ltd.



(M G Gokhale)
GM (Commercial)

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 : URI-I 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	480	480				
2	Free power to home state	%	12	12				
3	Date of commercial operation (actual / anticipated)							
	Unit-1		01.06.1997	01.06.1997				
	Unit-2		01.06.1997	01.06.1997				
	Unit-3		01.06.1997	01.06.1997				
	Unit-4		01.06.1997	01.06.1997				
4	Type of Station							
	a) Surface / underground		underground	underground				
	b) Purely ROR / Pondage / Storage		Purely ROR	Purely ROR				
	c) Peaking / non-peaking		non-peaking	non-peaking				
	d) No. of hours of peaking		NA	NA				
	e) Overload capacity (MW) & period		10% for short period (for FGMO) at 0.9 p.f. and frequency 50 Hz at minimum head of 228 mtr.	10% for short period (for FGMO) at 0.9 p.f. and frequency 50 Hz at minimum head of 228 mtr.				
5	Type of excitation							
	a) Rotating exciters on generator							
	b) Static excitation		Static	Static				
6	Design Energy (Annual) ¹	GWh	2587.38	2587.38				
7	Auxiliary Consumption including Transformation losses	%	1.2	1.2				
8	Normative Plant Availability Factor (NAPAF)		60	70				
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	%	15.50%	15.50%	15.50%	15.50%	15.50%	15.50%
9.4	Tax Rate ²	%	20.961%	20.961%	21.342%	21.342%	21.342%	21.549%
9.5	Effective Tax Rate ⁴		20.961%	21.760%	21.948%	21.328%	21.851%	22.157%
9.6	SBI Base Rate + 350 basis points as on 01.04.2014 ³	%	12.250%	13.500%	13.500%	13.500%	13.500%	13.500%

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.

For Arora Vohra & Co.
Chartered Accountants



For NHPC Ltd.


(M G Gokhale)
GM (Commercial)

SALIENT FEATURES OF HYDROELECTRIC PROJECT**NAME OF COMPANY : NHPC LTD****NAME OF POWER STATION : URI POWER STATION**

1. Location	
State / Distt.	JAMMU AND KASHMIR , Distt.-Baramulla
River	Jhelam
2. Diversion Tunnel	NA
Size, shape	
Length (M)	
3. Dam	Barrage
Type	
Maximum dam height (M)	21.5 m above deepest foundation level
4. Spillway	
Type	-
Crest level of spillway (M)	1483.75- Spillway bays 1483- Undersluice bays
5. Reservoir	
Full Reservoir Level (FRL) (M)	1491 m
Minimum Draw Down Level (MDDL)(M)	-
Live storage (MCM)	ROR
6. Desilting Arrangement	
Type	
Number and Size	No. of Basin= 2, Length of each basin : 300m 45m-60m wide
Particle size to be removed(mm)	0.15 mm and above.
7. Head Race Tunnel	
Size and type	8.40 m dia , Horse Shoe shaped
Length (M)	10.63 km
Design discharge (Cumecs)	226.5 cumecs
8. Surge Shaft	
Type	Restricted Orifice type
Diameter (M)	22.5 m
Height (M)	103 m
9. Penstock/Pressure shafts	Pressure shaft
Type	Circular steel lined
Diameter & Length (M)	5.00m dia, 283 m length
10. Power House	
Installed capacity (No of units x MW)	4 X 120 MW
Type of turbine	Vertical Shaft Francis
Rated Head (M)	222.5m
Rated Discharge (Cumecs)	59.21 Cumecs per unit
Head at Full Reservoir Level (M)	256.53
Head at Minimum Draw down Level (M)	---
MW Capability at FRL	480 MW
MW Capability at MDDL	---
11. Tail Race Tunnel	
Diameter (M), shape	8.4 m finished Diameter , Horse shoe shaped
Length (M)	2.0 kms
Minimum tail water level	1233.5
12. Switchyard	
Type of Switch gear	GIS
No. of generator bays	4
No. of Bus coupler bays	1
No. of line bays	3 (DC to Wagoora substation and SC interconnected to Uri-II)

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 Arora Vohra & Co.
Chartered Accountants



For NHPC Ltd.


(M G Gokhale)
GM (Commercial)

Details of Foreign loans

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

Name of the Petitioner
Name of the Generating Station
Exchange Rate at COD
Exchange Rate as on 31.3.2014

NHPC Limited
Uri-I Power Station

Sl. No.	Financial Year (Starting from COD)	Year 1				Year 2				Year 3 and so on			
	1	2	3	4	5	6	7	8	9	10	11	12	13
		Date	Amount (Foregin Currency)	Relevant Exchange Rate	Amount (Rs. Lakh)	Date	Amount (Foregin Currency)	Relevant Exchange Rate	Amount (Rs. Lakh)	Date	Amount (Foregin 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 Arora Vohra & Co.
Chartered Accountants

For NHPC Ltd.



(Signature)
(M G Gokhale)
GM (Commercial)

Details of Foreign Equity

(Details only in respect of Equity infusion if any applicable to the project under petition)

Name of the Petitioner : **NHPC Limited**
 Name of the Generating Station : **Uri-I Power Station**
 Exchange Rate on date/s of infusion :

Sl. No.	Financial Year	Year 1				Year 2				Year 3 and so on			
		2	3	4	5	6	7	8	9	10	11	12	13
		Date	Amount (Foregin Currency)	Exchange Rate	Amount (Rs. Lakh)	Date	Amount (Foregin Currency)	Exchange Rate	Amount (Rs. Lakh)	Date	Amount (Foregin Currency)	Exchange Rate	Amount (Rs. Lakh)
	Currency1¹												
A 1	At the date of infusion ²												
2													
3													
	Currency2¹												
A 1	At the date of infusion ²												
2													
3													
	Currency3¹												
A 1	At the date of infusion ²												
2													
3													
	Currency4¹ & so on												
A 1	At the date of infusion ²												
2													
3													

NOT APPLICABLE

1. Name of the currency to be mentioned e.g. US\$, DM, etc.
 2. In case of equity infusion more than once during the year, Exchange rate at the date of each infusion to be given.

For Arora Vohra & Co.
 Chartered Accountants



For NHPC Ltd.

(M G Gokhale)
 GM (Commercial)

Abstract of Admitted Capital Cost for the existing Projects

Name of the Petitioner :

NHPC Limited

Name of the Generating Station :

Uri-I Power Station

	Capital Cost as admitted by CERC	
a)	Capital cost admitted as on <u>31.03.2014</u>	Rs. 341750.70 Lakh
	(Give reference of the relevant CERC Order with Petition No. & Date)	As allowed vide order dated 13.07.2016 in Petition No.238/GT/2014
b)	Foreign Component, if any (In Million US \$ or the relevant Currency)	Not Applicable
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)	Rs. 341750.70 Lakh

For Arora Vohra & Co.
Chartered Accountants



For NHPC Ltd.

(Signature)
(M G Gokhale)
GM (Commercial)

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

Name of the Petitioner :

NHPC Limited

Name of the Generating Station :

Uri-I Power Station

New Projects**Capital Cost Estimates**

Board of Director/ Agency approving the Capital cost estimates:		
Date of approval of the Capital cost estimates:		
	Present Day Cost	Completed Cost
Price level of approved estimates	As on end of _____ qtr. of the year _____	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)	NOT APPLICABLE	
Domestic Component (Rs. Lakh)		
Capital cost excluding IDC, IEDC, FC, FERV & Hedging Cost (Rs. Lakh)		
IDC, IEDC, FC, FERV & Hedging Cost		
Foreign Component, if any (In Million US \$ or the relevant currency)	NOT APPLICABLE	
Domestic Component (Rs. Lakh)		
Total IDC, IEDC, FC, FERV & Hedging Cost (Rs. Lakh)		
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)	NOT APPLICABLE	
Domestic Component (Rs. Lakh)		
Capital cost including IDC, IEDC & FC (Rs. Lakh)		
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 Arora Vohra & Co.
Chartered Accountants

For NHPC Ltd.



(Signature)
(M G Gokhale)
GM (Commercial)

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

Name of the Petitioner : **NHPC Limited**
 Name of the Generating Station : **Uri-I 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:

1. 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.
2. 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.
3. 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.
4. 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.
5. A list of balance work assets / work wise including initial spare on original scope of works along with estimate shall be furnished positively.

For Arora Vohra & Co.
Chartered Accountants

Partner



For NHPC Ltd.

(Signature)
(M G Gokhale)
GM (Commercial)

50

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

Name of the Petitioner :

NHPC Limited

Name of the Generating Station :

Uri-I Power Station

(Amount in Lakh)

Sl. No.	Break Down	Original cost as approved by Authority / Investment Approval ¹	Cost on Actual / anticipated COD ¹	Variation	Reason for Variation *
1	2	Total Cost	Total Cost	3	4
1.0	Generator, turbine & Accessorles	NOT APPLICABLE			
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 & Accessorles)				
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)				

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 Arora Vohra & Co.
Chartered Accountants



For NHPC Ltd.

(Signature)
(M G Gokhale)
GM (Commercial)

51

Break-up of Construction/Supply/Service packages

Name of the Petitioner :

NHPC Limited

Name of the Generating Station :

Uri-I Power Station

1	Name/No. of Construction / Supply / Service Package	Package A	Package B	Package C	Total Cost of all packages
2	Scope of works ¹ (in line with head of cost break-ups as applicable)	NOT APPLICABLE				
3	Whether awarded through ICB / DCB / Departmentally / Deposit Work					
4	No. of bids received					
5	Date of Award					
6	Date of Start of work					
7	Date of Completion of Work / Expected date of completion of work					
8	Value of Award ² in (Rs. Lakh)					
9	Firm or With Escalation in prices					
10	Actual capital expenditure till the completion or up to COD whichever is earlier (Rs. Lakh)					
11	Taxes & Duties and IEDC (Rs. Lakh)					
12	IDC, FC, FERV & Hedging cost (Rs. Lakh)					
13	Sub-total (10+11+12) (Rs. Lakh)					

Note:

1. If there is any package, which need to be shown in Indian Rupee and foreign currency (ies), the same should be shown separately along with the currency, the exchange rate and the date.

For Arora Vohra & Co.
Chartered Accountants

Partner



For NHPC Ltd.


(M G Gokhale)
GM (Commercial)

In case there is cost over run

Name of the Petitioner :

NHPC Limited

Name of the Generating Station :

Uri-I Power Station

Sl. No.	Break Down	Original cost as approved by Board Members (₹ Lakh)	Actual / Estimated Cost as Incurred / to be Incurred (₹ 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					
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	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 Arora Vohra & Co.
Chartered Accountants

For NHPC Ltd.

(M G Gokhale)
GM (Commercial)

53

In case there is time over run

Name of the Petitioner :

NHPC Limited

Name of the Generating Station :

Uri-I Power Station

S. No.	Description of Activity / Works / Service	Original Schedule (As per Planning)		Actual Schedule (As per Actual)		Time Over-Run	Reasons for delay	Other Activity effected (Mention Sr No of activity affected)
		Start Date	Completion Date	Actual Start Date	Actual Completion Date	Days		
1								
2		NOT APPLICABLE						
3								
4								
5								
6								
7								
8								
9								
10								

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 Arora Vohra & Co.
Chartered Accountants



For NHPC Ltd.


(M G Gokhale)
GM (Commercial)

In case there is claim of additional RoE

Name of the Petitioner : **NHPC Limited**
 Name of the Generating Station : **Uri-I Power Station**

S. No.	Completion Time as per Investment approval (Months)				Actual Completion time				Qualifying time schedule (as per regulation)
	Start Date	Scheduled COD (Date)	Months	Installed Capacity	Start Date	Actual COD (Date)	Actual Completion time in Months	Tested Capacity	Months
Unit 1		Not Applicable							
Unit 2									
Unit 3									
Unit 4									

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

For Arora Vohra & Co.
Chartered Accountants



For NHPC Ltd.


 (M G Gokhale)
 GM (Commercial)

FORM-6

Financial Package upto COD

Name of the Company
Name of the Power Station
Project Cost as on COD¹
Date of Commercial Operation of the Station²

NHPC LTD.
URI POWER STATION
'316614 Lacs *
01.06.1997

(Amount in lacs)

1	Financial Package as Approved		Financial Package as on COD		As Admitted on COD **	
	Currency and Amount ³		Currency and Amount ³		Currency and Amount ³	
	2	3	4	5	6	7
LOANS						
GOI LOAN			INR	33832		
UTI			INR	10736		
D & E SERIES			INR	5700		
I SERIES			INR	5485		
J-1 SERIES			INR	30500		
J-2 SERIES			INR	3000		
J-3 SERIES			INR	6736		
K-2 SERIES			INR	7500		
K-3 SERIES			INR	2000		
ABSEK			INR Value of Foreign Loan	68634		
NIB			INR Value of Foreign Loan	20249		
WMB			INR Value of Foreign Loan	17737		
TOTAL LOANS				212109	INR	233161.96
Equity- Foreign						
Domestic			INR	97659		108588.74
Total Equity				97659	INR	108588.74
Debt : Equity Ratio			68.47 : 31.53		68.23 : 31.77	

¹ Say US \$ 200m + Rs.400 Cr or Rs.1200 Cr including US \$200m at an exchange rate of 1US \$=Rs.40/-

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

³ For example : US \$, 200M etc.

* Gross Block as on 31/03/1998 & as admitted by CERC in tariff order dated 10/03/2005.

** As on 31.03.2014 & approved by CERC in tariff order dated 13.07.2016 in petition No.238/GT/2014. The equity and loan figures are normative.

For Arora Vohra & Co.
Chartered Accountants

For NHPC Ltd.



(Signature)
(M G Gokhale)
GM (Commercial)

Details of Project Specific Loans

Name of the Petitioner
Name of the Generating Station

NHPC Limited
Uri-I Power Station

(Amount in lacs)

Particulars	Package1	Package2	Package3	Package4	Package5	Package6
1	2	3	4	5	6	7
Source of Loan ¹						
Currency ²						
Amount of Loan sanctioned						
Amount of Gross Loan drawn upto 31.03.2014 / COD 3,4,5,13,15		All actual loans have been repaid.				
Interest Type ⁶						
Fixed Interest Rate, if applicable						
Base Rate, if Floating Interest ⁷						
Margin, if Floating Interest ⁸						
Are there any Caps/Floor ⁹	Yes/No					Yes/No
If above is yes,specify caps/floor						
Moratorium Period ¹⁰						
Moratorium effective from						
Repayment Period ¹¹						
Repayment effective from						
Repayment Frequency ¹²						
Repayment Instalment ^{13,14}						
Base Exchange Rate ¹⁶						
Are Foreign currency hedged?						
If above is yes,specify details ¹⁷						

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 drawal/repayment for a loan, the date & amount of each drawal/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 drawal & 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 Arora Vohra & Co.
Chartered Accountants



For NHPC Ltd.

(M G Gokhale)
GM (Commercial)

Details of allocation of corporate loans to various projects

Name of the Petitioner :

NHPC Limited

Name of the Generating Station :

Uri-I Power Station

(Amount in lacs)

Particulars	Package1	Package2	Package3	Package4	Package5	Remarks
1	2	3	4	5	6	7
Source of Loan ¹						
Currency ²						
Amount of Loan sanctioned						
Amount of Gross Loan drawn upto 31.03.2014 / COD ^{3,4,5,13,15}						
Interest Type ⁶		All actual loans have been repaid.				
Fixed Interest Rate, if applicable						
Base Rate, if Floating Interest ⁷						
Margin, if Floating Interest ⁸						
Are there any Caps/Floor ⁹	Yes/No					Yes/No
If above is yes, specify caps/floor						
Moratorium Period ¹⁰						
Moratorium effective from						
Repayment Period ¹¹						
Repayment effective from						
Repayment Frequency ¹²						
Repayment Instalment ^{13,14}						
Base Exchange Rate ¹⁶						
Are Foreign currency hedged?						
If above is yes, specify details ¹⁷						
Distribution of loan packages to various projects						
Name of the Projects						Total
Project 1						
Project 2						
Project 3 and so on						

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 drawal/repayment for a loan, the date & amount of each drawal/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 drawal & 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 Arora Vohra & Co.
Chartered Accountants



For NHPC Ltd.

(M G Gokhale)
GM (Commercial)

TRUEING UP PETITION URI I POWER STATION 2014-2019

PART - II FORM 9A

Financial Year : 2014-15

Sl. No.	Head of Work / Equipment	ACE Claimed (Actual)				Regulation under which claimed	Justification	Rs. in Lakh
		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
A	Allowed by Commission							
1	410701 / Modification / Upgradation of existing Turbine Governor and Excitation System of Uri Power Station.	-	-	-	-	Regulation 14(3)(ii)	CERC allowed Rs.330 Lakh in the year 2014-15. The said Work has been awarded during 2014-15, but actual capitalisation has been made during 2015-16 (refer item no.7).	330.00
2	410701 / Retrofitting of relays / protection scheme in generating units	26.26	-	26.26	-	Regulation 14(3)(viii)	Acquisition Cost of the equipment allowed by commission Rs.25.00 Lakhs after deducting the value of old asset Rs.5.00 Lakh. (Total Value Rs.30.00-5.00=25.00 Lakh). NUMERICAL GENERATOR PROTECTION RELAY, ABB REG 670 amounting to Rs.26.26 lakh procured through open tender basis. ref assumed deletion SI No.4.	30.00
3	410713 / Upgradation of existing Hydraulic Elevator of Power House.	-	-	-	-	Regulation 14(3)(viii)	CERC allowed Rs.14.16 Lakh for the acquisition after deducting the Gross Value of old asset Rs.35.84 Lakh. Total claim was Rs.50.00 Lakh. Upgradation of existing elevator was proposed during 2014-15, as the elevator is obsolete and spares are not available for upgradation. Accordingly, the upgradation work could not be completed in year 2014-15. Now, procurement of new elevator is proposed in the F.Y. 2019-20.	14.16
4	410713 / Disaster Management Plan for Power House	-	-	-	-	Regulation 14(3)(viii)	CERC has allowed Rs.100 Lakh and 200 Lakh in the year 2014-15 and 2015-16 respectively, Total approved amount was Rs.300 Lakh. Total estimated Cost of work is Rs.488.87(60.87+8+310+110) includes cost of piping Rs.110 lakh, electrical installation Rs.300 lakh and cost of pumps. In the year 2015-16, 3 nos. Of dewatering pump of Rs.60.87 had been purchased, as shown at SI No.A.1 (2015-16) and in F.Y. 2017-18 Piping work amounting to Rs.106.34 completed, refer si no.A.1 of admitted cases. Work of Rs.200 Lakhs is proposed in F.Y. 2020-21. The delay in execution is due to following reason : The law and order situation in the Kashmir Valley gets disrupted frequently. This phenomenon affects wider participation of competitive / prospective bidders in the tendering process. The poor communication facilities at this remote location further aggravates non participation of prospective bidders.As such, the proposal for tendering the procurement of materials could not materialise.	100.00
5	411508 / TATA 407, 3.0 MT - Two Nos.	12.20	-	12.20	-	Regulation 14(3)(viii)	CERC has allowed replacement of Two Nos. Tata -407 amounting Rs.15.00 lakh against replacement of old buses amounting to Rs. 8.44 lakh. Net approved amount was Rs.6.56 Lakh. Two nos. TATA 407 had been procured against replacement. De-capitalisation value of Rs. 8.44 lakh is available in form 9B(i). (Refer SI. No.1 & 2 of F.Y. 2014-15 of Form 9B (i) under assumed deletion. actual Deletion in 2017-18 at SI no 2 & 3.	6.56



59

Sl. No.	Head of Work / Equipment	ACE Claimed (Actual)				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
6	411507/47 seater Bus fabricated on TATA 1512/52 TC Chasis - One No.	-	-	-	-	Regulation 14(3)(viii)	CERC allowed Rs. 25.00 lakh for purchase of bus (Rs 10.00 lakh during 2014-15 for chasis and Rs. 15.00 lakh during 2015-16 for fabrication) against replacement of old bus (Rs. 10.68 lakh). Purchase of chasis along with fabrication work was completed during 2015-16 (refer item no.4).	-0.68
7	411109 / Hydro Mobile Crane	-	-	-	-	Regulation 14(3)(viii)	Hydro Mobile Crane was allowed by Commission for Rs.100.00 Lakh against replacement of old (Rs. 1.06 lakh), Net amount was Rs 98.94 Lakh. The order for Hydro Mobile crane was placed in March' 2015, but the delivery of the same was made during 2015-16 (refer Sl.No.8, 2015-16).	98.94
Total		38.46	-	38.46	-			578.98

B Additional Claim as per actual site requirement

8	411115 / AIR COMPRESSOR (INDIGENOUS) STATIONARY, SCREW AIR COMPRESSOR, ATLAS COPCO, MODEL- GA-18 AP	9.51	-	9.51	-	Regulation 14(3)(viii)	Portable Air Compressor available at Barrage was procured during April 2002. This Air Compressor is 14 year old and many time it is under breakdown condition. Replacement was done to avoid frequent breakdown and expenditure on repair and maintainence. (Refer Sl. No.3 of F.Y. 2014-15 of Form 9B (i) under assumed deletion.	-
9	411112- SUBMERSIBLE PUMP 2 HP, 3 PHASE, 415 V, MAKE - LUBI, MODEL- LFP3235	2.66	-	2.66	-	Regulation 14(3)(viii)	Due to continuous running of unis, wear and tear takes place in shaft seal as well as rotating dynamic seal. To avoid tripping of the machine due to flooding of turbine pit from water leakage from shaft seal, the same have been purchased and placed in turbine pit.	-
10	411804-UPS 10 KVA	5.39	-	5.39	-	Regulation 14(3)(viii)	10 KVA UPS is installed to cater the load of all IT equipments like servers/exchange/emergency lighting etc. installed at various locations of Uri Power Station. The UPS installed provides back-up during power failure so that the official work does not get effected. Existing UPS installed is creating problem hence replaced with new. Replacement value of old UPS is available in Form-9B(i) (refere item no.1 of F.Y. 2014-15 under Actual Deletion). CISF also recommended to replace existing communication equipment in its Special Security Report.	-
11	410328-CONSTRUCTION OF MORCHA NEAR MAIN GATE ACCESS TUNNEL AT RAJARWANI, POWER HOUSE	0.87	-	0.87	-	Regulation 14(3)(iii)	As power station is situated in J&K region, keeping view the security threats and as per recommendation of CISF (copy attached) to strengthen the security of power station, Morcha near main gate access tunnel near Rajarwani, power house was constructed for effective view of entire area. Supporting is attached at page no. S1 to S3	-
12	411902- INMARSET-MINI M INMARSET SATELLITE PHONE TERMINAL	1.95	-	1.95	-	Regulation 14(3)(iii)	Claimed against replacement of old set. Ref SI No.5 For assumed decapitalisation. Actual decapitalisation in year 2018-19 ref SI No.60.	-
Total		20.38	-	20.38	-			-
Total Add Cap of 2014-15		58.84	-	58.84	-			578.98



Sl. No.	Head of Work / Equipment	ACE Claimed (Actual)				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

Financial Year : 2015-16

								Rs. In Lacs
A	Allowed by Commission							
1	410713 / Disaster Management Plan for Power House	60.87		60.87		Regulation 14(3)(viii)	CERC has allowed Rs.100 Lakh and 200 Lakh in the year 2014-15 and 2015-16 respectively, Total approved amount was Rs.300 Lakh. Total estimated Cost of work is Rs.488.87(Rs. 60.87 + Rs 8 +310+110) includes cost of piping Rs.110 lakh, electrical installation Rs.300 lakh and cost of pumps. During 2015-16, 3 nos. of dewatering pump amounting Rs.60.87 had been purchased , as shown at SI No.A.1 (2015-16) and in F.Y. 2017-18 Piping work amounting to Rs.106.34 completed, refer sl no.A 1 of admitted cases. Work of Rs.200 Lakhs is proposed in F.Y. 2020-21. The delay in execution is due to following reason : The law and order situation in the Kashmir Valley gets disrupted frequently. This phenomenon affects wider participation of competitive / prospective bidders in the tendering process. The poor communication facilities at this remote location further aggravates non participation of prospective bidders.As such, the proposal for tendering the procurement of materials could not materialise.	200.00
2	411508 / TATA 207 (Two nos)					Regulation 14(3)(viii)	CERC allowed Rs.11.00 lakh for purchase of two nos. new TATA 207 against replacement of old asset (Rs.0.95 Lakh), Net value was Rs.10.05 Lakh. Due to delay in tendering process, same has been procured and capitalised during 2017-18 (ref SI No. A.2 of 2017-18).	10.05
3	411506 / TATA 407, Ambulance - One No.					Regulation 14(3)(viii)	CERC allowed Rs.12.00 lakh for the procurement of one no. TATA 407 Ambulance. The technical specification of the vehicle as per DGS&D rate contract was of BSIII grade ,hence did not meet the tech spec of NIT(BSIV). Purchase of BSIV grade vehicle is proposed as the registration of BSIII grade vehicle has been stopped in the J&K. Further the rate of BSIV grade vehicle was not available with DGS&D. So, the procurement process could not be executed in 2015-16. Hence, procurement of new ambulance has been completed during 2017-18 (ref SI No. A3 of 2017-18).	12.00
4	411507 / 47 seater Bus fabricated on TATA 1512/52 TC Chasis	14.36		14.36		Regulation 14(3)(viii)	CERC allowed Rs. 25.00 lakh for purchase of one No. Bus and allowed (Rs 10.00 lakh during 2014-15 for chasis (Rs.15.00 Lakh for fabrication during 2015-16) against replacement value of old bus- (10.68 Lakh). Supply order for purchase of complete bus with chasis and fabrication bus was placed on 31.12.2014, supply was made during 2015-16. Projected amount was based on budgetary offer and splitted into chasis and fabrication. However, complete bus is purchased hence there is price difference, further to mention actual amount is based on price discovered through tendering & hence justified.Decapilisation value of old bus is indicated in assumed deletion Form-9B(i) (ref.item no.3). Actual deletion in F.Y. 2016-17 ref SI No.168.	15.00



Sl. No.	Head of Work / Equipment	ACE Claimed (Actual)				Regulation under which claimed	Justification	Admitted Cost by the Commission, if any
		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	8	9
5	410701 / Retrofitting of relays / protection scheme in generating units.			-		Regulation 14(3)(viii)	Law and order situation in the Kashmir Valley gets disrupted frequently. This phenomenon affects wider participation of competitive / prospective bidders in the tendering process. The poor communication facilities at this remote location further aggravates non participation of prospective bidders. As such, the proposal for tendering the procurement of materials could not materialise. Due to delay in tendering process, the above work is not executed during 2015-16 and now proposed in F.Y.2019-20.	30.00
6	410601 / Trash cleaning arrangement at Barrage			-		Regulation 14(3)(viii)	Debris and Log / boom barrier are proposed to be installed for trash management and cleaning arrangement. This system is being proposed to be installed for the first time in NHPC. The proposal is specific for Design, Fabrication, Supply, Installation, Testing and Commissioning of Debris and Log / boom barrier suited for specific site is under preparation, in consultation with best practices being followed by other hydro utilities domestic and international vendor. However, the valley has been experiencing disturbed law and order condition with declined communications whereby, the above work is now proposed in the year 2019-20.	300.00
Total		75.23	-	75.23	-			567.05
B Allowed by Commission in 2014-15								
7	410701 / Modification / Upgradation of existing Turbine Governor and Excitation System of Uri Power Station	432.02	43.61	388.42			Work for "Modification/Upgradation of existing Turbine governor" was awarded during 2014-15 (refer item no. 1) and material was received at site in Feb 2015 and 90% payment for supply was also released in 2014-15 itself. But erection and commissioning could not be carried out in lean season during the annual maintenance shutdown and it resulted in delay, however actual work was completed and capitalised in 2015-16. The budgeted expenditure claimed with CERC to complete this work was Rs.450 Lakh, however CERC allowed Rs.330 Lakh only after deducting the estimated value of old Governor Rs.120 lakh. Against the estimated cost of Rs.450 lakh the work had been completed in 432.02 Lakh. Decapitalisation value of old asset is indicated in Form-9(B)(i) ref sl No.5 of assumed deletion.	330.00
8	411109 / Mobile Crane, Escort RAPIER, HK17	81.36	0.00	81.36	0	Regulation 14(3)(viii)	Replacement of Crane was allowed by CERC in 2014-15. The supply order for purchase of Hydro Mobile crane was during 2014-15 in the month of March' 2015 with delivery within 90 days or earlier. Supplier delivered the Crane in 2015-16. The delay is caused due to tendering process. The price difference is due to budgetary offer and actual competitive price received against tender. Decapitalisation value of old asset is indicated in Form-9(B)(i) ref Sl.No.4. Actual deletion in year 2018-19 ref Sl. No.13.	98.94
Total		513.38	43.61	469.78	-	-	-	428.94



Sl. No.	Head of Work / Equipment	ACE Claimed (Actual)				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
C Additional Claim as per actual site requirement								
9	410328-Construction of Watch Tower near Main gate at Gingle Colony	2.88	-	2.88	-	Regulation 14(3)(iii)	Contruction of Watch Tower has been done based on recommendation of CISF/Security Agnecies to strengthen security of power station to deal with with the present threat perception within the valley and across the border. Report of relevant pages of report are attached at page no. S1 to S3	
10	411806-DIGISOL BULLET OUTDOOR CCTV CAMERA DG-CC3841	0.77	-	0.77	-	Regulation 14(3)(iii)	Recommended by CISF/Security Agnecies, relevant pages of report are attached to strengthen security of power station to deal with with the present threat perception within the valley and across the border.. All expenditure made as per recommendation of Security Agency. Supporting is attached at page no. S4 to S6.	
11	412501-KENWOOD VHF HAND HELD SETS TK-2000, day and night vision binocular	13.63	-	13.63	-	Regulation 14(3)(iii)		
12	410328-CONSTRUCTION OF BOUNDARY WALL ALONG TO NH1A NEAR SWITCHYARD AREA AT RAJARWANI POWER HOUSE CC-228	46.27	-	46.27	-	Regulation 14(3)(iii)		
13	410322-EXTENSION OF SCHOOL BUILDING AT GINGLE CC-214/LOA-17	11.45	-	11.45	-	Regulation 14(3)(viii)	Extension of Kendriya Vidyalaya building was required as the class of school was upgraded from 10th standard to 10+2 standard. This school is situated in the residential campus of the Power Station and to accomodate/facilitate student of Class 12th class room/Lab is constructed. Supporting document attached at page no. S-7 to S8.	
14	410714-TUBE BUNDLE FOR HEAT EXCHANGER TYPE AEW 26-182 (1) dated 05.12.2015	30.25	-	30.25	-	Regulation 14(3)(viii)	The Old Heat Exchanger was not functioning properly due to leakage/ damage in cooling tubes due to which cooling temperature and oil temperature could not be controlled. For this new tube bundle heat exchanger replaced the old one for maintaining oil and water temperature. For healthy operation of generating unit this Tube Bundle for Heat Exchanger is essentially required. Actual decapitalisation in year 2014-15 ref SI. No 6. claimed under replacement.	
15	410714-VERTICAL CENTRIFUGAL PUMP SET , 1450 RPM , MOTOR RATING - 75 dated 30.09.2015	13.77	-	13.77	-	Regulation 14(3)(viii)	Two nos. of VERTICAL CENTRIFUGAL PUMP SET procurred used in primary cooling water system of unit, is essentially required for proper cooling of bearings of generating unit. The existing vertical pump has completed its life and is beyond repair. New pump is purchased for replacement in Unit 1 Decapitalised in the year 2014-15 ref form 9 B i SI. No. 19.	
Total		119.01	-	119.01	-	-	-	-
Grand Total		707.62	43.61	664.01	-	-	-	995.99



2

63

Sl. No.	Head of Work / Equipment	ACE Claimed (Actual)				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

Financial Year : 2016-17

Rs. In Lacs								
A	Allowed by Commission							
1	410701-Modification/Up gradation of existing Turbine Governor and Excitation System of Uri Power Station.	-	-	-	-	Regulation 14(3)(viii)	Allowed by commission in the year 2016-17, Now proposed in F.Y. 2019-20. Work could not be started due to tendering process and disturbance in the valley, hence proposed to be completed in the year 2019-20.	1,140.00
2	411505 / Fire Tender Fabricated on TATA LPT 1613/42 Chasis.	70.96	-	70.96	-	Regulation 14(3)(viii)	CERC allowed purchase of one no. Fire Tender amounting Rs.35.00 Lakh, gross value of old asset is considered as Rs.0.91 Lakh. Two nos. of Fire Tender has been procured in year 2016-17 for Rs.70.96 Lakh admitted cost was Rs.34.09 Lakh (35.00-0.91) only for One Fire Tender. The distance between power house and barrage is approx 20 kilometre. Keeping in view the safety requirement, law and order condition of the valley 2nd Fire -Tender was procured. Now power station has only two Fire Tender to provide immediate service to Power House, Barrage and Residential Colony Assumed decapitalisation ref Sl. No.6 of Form 9 B i. Actual decapitalisation in 2017-18 ref Sl. No.1.	34.09
	Total	70.96	-	70.96	-			1,174.09

B Additional Claim as per actual site requirement

3	410328-NEW CGI SHEET WALL PARALLEL TO EXISTING CHAIN LINK FENCING AL RIVER JHELMUM NEAR P. HOUSE, RAJARWANI	24.91	-	24.91	0	Regulation 14(3)(iii)	To strengthen the security of Power station as recommended by CISF -Ministry of Home Affairs power station has to deal with with the present threat perception within the valley and across the border. Several work like urchase of BP Jacket Level - IV and other security gadgets. Construction of Boundry wall, increasing the height of existing walll and construction of watch rower .also recommended by CISF/Security Agnecies, relevant pages of report are attached at page no. S1 to S3....	
4	410328-C/O RAIN SHELTER at Barrage Intake and Near Adit -I,Boniyar, M/S shakeel UL REHMAN SUB 106/000827	4.35	-	4.35	0	Regulation 14(3)(iii)	To strengthen the security of Power station as recommended by CISF -Ministry of Home Affairs power station has to deal with with the present threat perception within the valley and across the border. Several work like urchase of BP Jacket Level - IV and other security gadgets. Construction of Boundry wall, increasing the height of existing walll and construction of watch rower .also recommended by CISF/Security Agnecies, relevant pages of report are attached at page no. S9 to S12.	
5	410328-NEW CGI WALL WITH ANGLE IRON/cgi sheet wall GROM CP GATE TO POTHEAD YARD ABOVE EXISTING NH1	21.87	-	21.87	0	Regulation 14(3)(iii)		
6	412503-DOOR FRAME AND METAL DETECTOR(DFMD)	5.99	-	5.99	0	Regulation 14(3)(iii)	To strengthen the security of Power station, recommended by CISF/Security Agnecies, relevant pages of report are attached to deal with with the present threat perception within the valley and across the border.. All expenditure made as per recommendation of Security Agency. Supporting is attached at page no. S4 to S6	
	Add Cap proposed 2016-17	57.12	-	57.12	-			
	Total 2016-17	128.08	-	128.08	-			



Sl. No.	Head of Work / Equipment	ACE Claimed (Actual)				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

Financial Year : 2017-18

A Allowed by Commission								
1	410713-Disaster Management Plan for Power House - SUPPLYING FIXING, LAYING AND COMMISSIONING OF WATER PIPE UNDER DISASTER MGT	106.34	-	106.34		Regulation 14(3)(viii)	CERC has allowed Rs.100 Lakh and 200 Lakh in the year 2014-15 and 2015-16 respectively, Total approved amount was Rs.300 Lakh. Total estimated Cost of work is Rs.488.87(Rs. 60.87 + Rs 8 +310+110) includes cost of piping Rs.110 lakh, electrical installation Rs.300 lakh and cost of pumps. During 2015-16, 3 nos. of dewatering pump amounting Rs.60.87 had been purchased as shown at Sl. No.A.1 (2015-16) and in current year Piping work amounting to Rs.106.34 completed. The delay in execution is due to law and order situation in the Kashmir Valley it gets disrupted frequently. This phenomenon affects wider participation of competitive / prospective bidders in the tendering process. The poor communication facilities at this remote location further aggravates non participation of prospective bidders.As such, the proposal for tendering the procurement of materials could not materialise. Work of Rs.200 Lakhs is proposewd in F.Y. 2020-21.	200.00
2	411508-TATA 207 DI, PICKUP 2 nos.	12.91	-	12.91		Regulation 14(3)(viii)	Allowed in F.Y. 2015-16 at Sl no.2 for purchase of Two Nos. of TATA 207.	10.05
3	411506- AC AMBULANCE FULLY EQUIPPED,SINGLE STRETCHER - M/S TATA MOTOR LTD., WINGER 3488 WB (BS-IV)	9.82	-	9.82		Regulation 14(3)(viii)	CERC allowed Rs.12.00 lakh for the procurement of one no. TATA 407 Ambulance. The technical specification of the vehicle as per DGS&D rate contract was of BSIII grade ,hence did not meet the tech spec of NIT(BSIV). Purchase of BSIV grade vehicle is prposed as the registration of BSIII grade vehicle has been stopped in the J&K. Further the rate of BSIV grade vehicle was not available with DGS&D. So, the procurement process could not be executed in 2015-16. Hence, procurement of new ambulance has been completed during current year. As mentioned in the Tariff Order 2009-14 for the year 2015-16 ref Sl. No.4 old Ambulance has been deleted in 2010-11.	12.00
TOTAL		129.06		129.06				222.05

B Additional Claim as per actual site requirement								
1	410322-construction of lab (Physics,Chemistry and Biology) at KV school Gingle	35.00	-	35.00		Regulation 14(3)(viii)	Extension of Kendriya Vidyalaya building was required as the class of school was upgraded from 10th standard to 10+2 standard. This school is situated in the residential campus of the Power Station and to accomodate/facilitate student of Class 12th class room/Lab is constructed Supporting document attached at page no. S-7 to S8.	



Sl. No.	Head of Work / Equipment	ACE Claimed (Actual)				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
2	410328-Extension of Height of Boundary Wall around around NHPC Colony, Gingle 106/000895 M/s Farooq Ahmad	49.64	-	49.64		Regulation 14(3)(iii)	The works are proposed for strengthening of the security of the power station as per recommendation of CISF. Supporting paper attached at page no.S-1 to S-3 and S-9 to S-12.	
3	410328-Renovation Of Control Room and construction of main entrance gate at gingle Colony 106/000844 M/s	17.81	-	17.81		Regulation 14(3)(iii)		
4	410328-Raising Of Outer Peripheral Boundary Wall from Barrage Main Gate to Morcha No-03 at Barrage, Boniyar	31.40	-	31.40		Regulation 14(3)(iii)		
5	410328-Raising of Outer Peripheral Boundary wall from Barrage intake gate to Downstream of Barrage SC 918	40.01	-	40.01		Regulation 14(3)(iii)		
6	410328-Construction Of Watch Tower near main gate and pringle post at Barrage	8.24	-	8.24		Regulation 14(3)(iii)		
7	410328-Raising Of Outer Peripheral Boundary Wall of Uranbua colony 106/000958	51.05	-	51.05		Regulation 14(3)(iii)		
8	410328-Raising of Outer Peripheral Boundary Wall from Pringle to Downstream of Barrage, Boniyar	19.20	-	19.20		Regulation 14(3)(iii)		
9	410328-Extension of Boundary wall at right side OF SPILLWAY NEAR MAZAR AT BARRAGE	16.21	-	16.21		Regulation 14(3)(iii)		
10	410328-Construction of Watch Tower in place of Morcha NO.1,2,4 & 6 at Gingle Colony 106/000907 Ms/ Parvez	19.01	-	19.01		Regulation 14(3)(iii)		
11	410328-Construction of 3 No. Watch tower and repiaring of Existing Morchas at Barrage ,Boniyar 106/000942	29.94	-	29.94		Regulation 14(3)(iii)		
12	410328-Construction of Toilet /Bathrooms for CISF A"Coy at Rajrwani 106/000985 Syed Sujat Hussain	9.02	-	9.02		Regulation 14(3)(iii)		
13	410328-Construction of 1 No. toilet near Morcha No. - 1 and 1 No. toilet near Morcha No.-2 at NHPC Colony a	4.13	-	4.13		Regulation 14(3)(iii)		
14	410328-Providing 35M View Cutter between CP Gate to Control Room on Existing RR Wall, Rajarwani	2.18	-	2.18		Regulation 14(3)(iii)		



Sl. No.	Head of Work / Equipment	ACE Claimed (Actual)				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
15	410328-C/O Watch Tower at CP Gate & Bank of Jhelum River near Park, Power House, Rajarwani 106/000820 ABDUL	12.65	-	12.65		Regulation 14(3)(iii)		
16	410328-C/O Control Room for CISF near CP Gate at Power House Rajarwani 106/000819 MD ARIF BUDAN	9.46	-	9.46		Regulation 14(3)(viii)		
17	411903-DIGITAL BUSINESS COMMUNICATION SYSTEM IP PBX-MINIMUM SYSTEM CAPACITY 512 PORTS	11.03	-	11.03		Regulation 14(3)(iii)	The works are proposed for strengthening of the security of the power station as per recommendation of CISF. Supporting paper attached at page no.S-1 to S-3 and S-9 to S-12 and S-13. Actual decapitalisation in year 2018-19 ref Sl. No.82 for Assume deletion ref Sl. no. 1 of 2017-18.	
18	411903-DIGITAL PBX SYSTEM - 80 PORTS - CORAL TELECOM, IRIS-IVDX 4 Nos. @213150 each.	8.53	-	8.53		Regulation 14(3)(iii)		
19	410713-HP AIR COMPRESSOR, MAKE-BAUER, MODEL-MARINER 250-E-I 08.07.2017	15.11	-	15.11		Regulation 14(3)(viii)	The existing HP air compressors were installed by OEM since commissioning. These HP compressors had completed their useful life and during last year they failed and found beyond repair. For running of generating unit, new HP compressors was purchased. These are essential components for operation of Governing systems, Guide vane servomotor operation and essentially required for running of plant(common for all 4 units) (Refer Sl. No.2 of F.Y. 2017-18 of Form 9B (i) under assumed deletion..	
20	410713-HP AIR COMPRESSOR, MAKE-BAUER, MODEL-MARINER 250-E-I 08.07.2017	15.11	-	15.11		Regulation 14(3)(viii)	The existing HP air compressors were installed by OEM since commissioning. These HP compressors had completed their useful life and during last year they failed and found beyond repair. For running of generating unit, new HP compressors was purchased. These are essential components for operation of Governing systems, Guide vane servomotor operation and essentially required for running of plant(common for all 4 units) (Refer Sl. No.2 of F.Y. 2017-18 of Form 9B (i) under assumed deletion..	
21	410713-630 KVA, 13.8/0.260 KV, AN, DYN11 DRY TYPE (VACUUM CAST COIL) EXCITATION TRANSFORMER 13.09.2017	13.50	-	13.50		Regulation 14(3)(viii)	Keeping in view the failure of Dry type transformers in the past, new dry type excitation was purchased for replacement in unit no. 3. This is essential component of Generator excitation system and essentially required for running of unit. (Refer Sl. No.4 of F.Y. 2017-18 of Form 9B (i) under assumed deletion.	



Sl. No.	Head of Work / Equipment	ACE Claimed (Actual)				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
22	410714-VERTICAL CENTRIFUGAL PUMP SET , 1450 RPM , MOTOR RATING - 75 26.10.2017	6.48	-	6.48		Regulation 14(3)(viii)	The VERTICAL CENTRIFUGAL PUMP SET used in primary cooling water system of unit, is essentially required for proper cooling of bearings of generating unit. The existing vertical pump has completed its life and is beyond repair. New pump is purchased for replacement in Unit 1 For healthy operation of generating unit this pump is essentially required. Actual decapitalisation in 2015-16 ref Sl. No.9	
23	410714-VERTICAL CENTRIFUGAL PUMP SET , 1450 RPM , MOTOR RATING - 75 26.10.2017	6.48	-	6.48		Regulation 14(3)(viii)	The VERTICAL CENTRIFUGAL PUMP SET used in primary Cooling water system of unit, is essentially required for proper cooling of bearings of generating unit. The existing vertical pump has completed its life and is beyond repair. New pump is purchased for replacement in Unit 2 For healthy operation of generating unit this pump is essentially required. Actual decapitalisation in 2015-16 ref Sl. No.10	
24	410714-VERTICAL CENTRIFUGAL PUMP SET , 1450 RPM , MOTOR RATING - 75 21.02.2018	5.90	-	5.90		Regulation 14(3)(viii)	The VERTICAL CENTRIFUGAL PUMP SET used in primary Cooling water system of unit, is essentially required for proper cooling of bearings of generating unit. The existing vertical pump has completed its life and is beyond repair. New pump is purchased for replacement in Unit 3 For healthy operation of generating unit this pump is essentially required. Actual decapitalisation in 2015-16 ref Sl. No.11	
25	410714-POTABLE COOLING WATER PUMP(77LPS, 22 KW,1460 RPM),MAKE-FLOWMORE MODEL: -FLOWMORE 5624-150-125-1450 27.1.2018	1.74	-	1.74		Regulation 14(3)(viii)	The POTABLE COOLING WATER PUMP used in secondary Cooling water system of unit, is essentially required for proper cooling of bearings of generating unit. The existing potable water pump has completed its life and is beyond repair. New pump is purchased for replacement in Unit 3. For healthy operation of generating unit this pump is essentially required. Actual decapitalisation in 2015-16 ref Sl. No.12.	
26	410714-POTABLE COOLING WATER PUMP(77LPS, 22 KW,1460 RPM),MAKE-FLOWMORE MODEL: -FLOWMORE 5624-150-125-1450 27.1.2018	1.74	-	1.74		Regulation 14(3)(viii)	The POTABLE COOLING WATER PUMP used in secondary Cooling water system of unit, is essentially required for proper cooling of bearings of generating unit. The existing potable water pump has lived their life and are beyond repair. New pump is purchased for replacement in Unit 4. For healthy operation of generating unit this pump is essentially required. Actual decapitalisation in 2015-16 ref Sl. No.13.	
27	411112-SUBMERSIBLE PUMP SET 5 HP , 3 PHASE,CROMPTON, MODEL 4W25-5TP 23.09.2017	0.26	-	0.26		Regulation 14(3)(viii)	Due to prolonged operation and wear out of shaft seal, there are chances of water logging in turbine pit area. To meet such eventualities and to pump out the water of turbine pit area small rating submersible pump has been purchased. For healthy operation of generating unit theses submersible pump are essentially required. Actual decapitalisation in 2015-16 ref Sl. No.14.	



SL No.	Head of Work / Equipment	ACE Claimed (Actual)				Regulation under which claimed	Justification	Admitted Cost by the Commission, if any
		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	8	9
28	411112-SUBMERSIBLE PUMP SET 5 HP , 3 PHASE,CROMPTON, MODEL 4W25- 5TP 26.09.2017	0.26	-	0.26		Regulation 14(3)(viii)	Due to prolonged operation and wear out of shaft seal, there are chances of water logging in turbine area. To meet such eventualities and to pump out the water of turbine pit area small rating submersible pump has been purchased. For healthy operation of generating unit theses submersible pump are essentially required. Actual decapitalisation in 2015-16 ref Sl. No.15.	
29	411109-PICK AND CARRY CRANE, CAP: 12 T - M/S ESCORTS LTD.HYDRA 1242	15.60	-	15.60		Regulation 14(3)(viii)	Pick and Carry Crane has been procured to facilitate material movement and management in Store. Further this crane is light weighted with high travel speed and can perform horizontal movement, can reach in tough terrain, easy to operate and fuel efficient.	
TOTAL		456.66	-	456.66	-	-	-	-
Total 2017-18		585.72	-	585.72				222.05



69

Sl. No.	Head of Work / Equipment	ACE Claimed (Actual)				Regulation under which claimed	Justification	Admitted Cost by the Commission, if any
		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	8	9

Financial Year : 2018-19

A	Allowed by Commission
	NIL

B	Additional Claim as per actual site requirement
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1	410328-UPGRADATION OF MAIN ENTRANCE OF BARRAGE BONIYAR SC 106/001100 S008195 PARVEZ AD KHAN DOC 12.04.2018	2.49		2.49		Regulation 14(3)(iii)	As power station is situated in J&K in valley region where law and order situation is volatile due to militancy & cross border terror activities, keeping view the security threats and as per recommendation of CISF security audit to strengthen the security of Barrage, Double Gate is required to be erected. The same has also been pointed out by Security Audit Team. Accordingly, for effective safeguard of the structure & Installations of the Barrage Premises, main entrance of the Barrage was strengthen. Supporting paper attached at S 9.	
2	410328-C/O Boundary wall at Transformer area of sub station in Barrage, Boniyar M/s Amirullah Khan MB BC-13	5.49		5.49		Regulation 14(3)(iii)	External Fire Safety Audit has recommended for permanent fencing of the transformer area of sub station at barrage. Various oil filled transformers are stationed at Sub Station area. Power Supply to the installations of Barrage premises is being fed up through this sub station area. Proper permanent fencing was recommended by the external Fire Safety Audit TEam to ensure additional sageguard to the sub station area. Accordingly, Permanent boundary has been erected around sub station at Barrage. Supporting paper attached at S 14	
3	410328-EXTENSION OF MORCHA NO.3 AT GINGLE COLONY CONT 106/000921 NASEER AHMAD GANAI	2.41		2.41		Regulation 14(3)(iii)	The works are proposed for strengthning of the security of the power station as per recommendation of CISF. Supporting paper attached at page no.S-1 to S-3 and S-9 to S-12 .	
4	410713-HP AIR COMPRESSOR, MAKE-BAUER, MODEL-MARINER 250-E-I	13.57		13.57		Regulation 14(3)(viii)	There is provision for two nos HP air compressors for the OPU system for all four Units. The HP air copressor system is required for operation of Governing systems, Guide vane servomotor operation and essentially required for running of plant. Depending on the pressure level in the air receiver tank, one or both HP compressors operate till the desired pressure maintained. As such two nos HP air compressor are required to be functional ata all point of time. The HP compressors are critical part of the generating Units and failure in one compressor will lead to generation loss. Keeping in view of the above one spare compressor was purchased for the HP air compressor system so that it can be used in case of failure in any of the existing two compressors to avoid sudden break down and loss of generation.	



70

Sl. No.	Head of Work / Equipment	ACE Claimed (Actual)				Regulation under which claimed	Justification	Admitted Cost by the Commission, if any
		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	8	9
5	410701/410714-Replacement of 400 KVA XLPE Cable -M/S SUDKABEL GmbH Germany, Supervision ABB	1059.91	193.89	866.02		Regulation 14(3)(viii)	Replaced XLPE Cable was received with Mother Plant. There is provision of two no 400 KV lines for power evacuation at Power Station equipped with oil filled cables since last 22 years of project commissioning. Outage of evacuation line may result in tripping of units & subsequent generation loss We were facing oil leakage in 400 KV oil filled cables in both lines. We have replaced these cables with 400 KV XLPE cable in line II in 2018 -19 , to avoid outage of line on breakdown of oil filled cable. These cables has been commissioned in December 2018 & working satisfactorily ,critically required for reliable working of power station. The XLPE cable replaced the oilfilled cable received along with mother plant. Decapitalisation value of old XPLE Cable ref Sl. No. 1 of form 9 B i under assume deletion.	
6	410701/410714-VERTICAL PUMP, DISCHARGE 217 L/S, HEAD 25 TO 30 M, MOTOR 90 KW.- MAKE-XYLEM, GLC 250-250-375, 90 KW	14.50		14.50		Regulation 14(3)(viii)	There is provision of one no. common standby pump in cooling water system for all units of uri power station. This pump was working since last 22 years of project commissioning & eroded severely due to working in silty water.Its breakdown was causing outage of units & generation loss , Accordingly it was replaced in 2018-19 to fulfill the cooling requirement common to all units. Refer Sl. No.1 Form 9 B i of current year for Decapitalisation value.	
7	411806-LENOVO SERVER THINK SR550 OCTA CORE - INTEL XEON	6.66		6.66		Regulation 14(3)(viii)	The server has been purchased to replace old and obsolete server. The Power station did not have any dedicated Domain Server, Antivirus Server, DHCP Server. As a result the Local Area Network addressing was manual. This resulted in tremendous difficulties for the IT staff to manually keep track of the Addressing in absence of any DHCP Server. Furthermore the absence of antivirus server and DNS server also affected the day to day availability of the systems. All this made the purchase of a Server a dire requirement for smooth working of computers and LAN system in the Power Station. Refer Sl. No.62 Form 9 B i of current year for Decapitalisation value.	
8	411903-3 Nos. ONLINE UPS 2 KVA MAKE EATON MODEL 9145 2000 IN-XL @Rs.65780 each	1.97		1.97		Regulation 14(3)(viii)	3 Nos. of 2 KVA online UPS systems were purchased to support the backbone of the communications and data network of the Power Station. The Power failure at Barrage complex, Boniyar and at some locations in Power House and Gingle often resulted in non availability of the Optical fiber backbone which is the only link of communication for both voice and computing/digital systems. At times this resulted in vacuum of communication between Barrage controll room and Power House Controll room. Further the non availability of voice communication was a serious concern for security of the Power Staion as the CISF personnel depend heavily on the Internal EPABX system of the Power Staion. Thus providing supply in times of power failure at critical points was an imminent need to cater to the most crucial requirement of critical communication for operation and security of the Power Station. Accordingly three nos. of 2 KVA online UPSes were purchased to support the existing Communications and data Network of the Power Station at the most critical locations where the power backup was not available otherwise.	



Sl. No.	Head of Work / Equipment	ACE Claimed (Actual)				Regulation under which claimed	Justification	Admitted Cost by the Commission, if any
		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	8	9
9	412503-GPS BASED TIME SYNCHRONISATION EQUIPMENT COMPLETE	1.98		1.98		Regulation 14(3)(viii)	GPS based time synchronization clock is installed for time synchronization of all relays, DCS & metering system of power house. Existing clock suffered short circuit & became non functional in 2018. Due to statutory requirement for time synchronization of metering system & also system requirement, this device was replaced in September 2018. The GPS system replaced the faulty one received along with mother plant. Decpitalisation value of old XPLE Cable ref Sl. No.2 of form 9 B i under assume deletion.	
10	412503- DIGITAL RAINFALL RECORDER	0.96		0.96		Regulation 14(3)(viii)	Previously manual type rain gauge was installed at power station near power house for measuring rainfall. The old manual type rain gauge was dilapidated and was damaged. Accordingly, a new digital data logger type Automatic rainfall recorder was purchased and installed in the Power House premises. Since Upgraded instruments with more precise values has been developed installed for more reliable and digital data which being used as measuring instrument for rainfall recording. Decpitalisation value of old XPLE Cable ref Sl. No.3 of form 9 B i under assume deletion.	
Total		1109.95	193.89	916.06				

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 (Name 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 Arora Vohra & Co.
Chartered Accountants



For NHPC Limited


(M G Gokhale)
GM (Commercial)

72

Details of Assets De-capitalized during the period

Name of the Petitioner : NHPC Ltd.

Name of the Generating Station : Uri-I Power Station

Region : Northern

State : J&K

District : Baramulla

in Lacs

Sl. No.	Name of the Asset	Nature of de-capitalization (whether claimed under exclusion or as additional capital expenditure)	Original Value of the Asset De-Capitalised	Year Put to use	Depreciation recovered till date of De-capitalization	Year of De-capitalisation	Remarks
	FY - 2014-15						
1	410707 UPS 10KVA ONLINE DC SYSTEMS/BATTERY SYSTEMS POWER-ONE MES2008100001	Claimed	4.86	13-05-2008	4.37	2014-15	Claimed in year 2014-15 ref Sl. No. 10
2	410714 CHEEK PLATE TOP COVER 3361/2	Exclusion	11.68	28-03-2014	-	2014-15	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
3	410714 CHEEK PLATE BOTTOM COVER 3362/2	Exclusion	11.36	28-03-2014	-	2014-15	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
4	410714 UPPER WEAR RING STATIONARY 1021/10/28/3361	Exclusion	9.26	19-04-2014	-	2014-15	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
5	410714 LOWER WEAR RING STATIONARY 1021/10/18/2562	Exclusion	10.42	19-04-2014	-	2014-15	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
6	410714 TUBE BUNDLE FOR HEAT EXCHANGER TYPE AEW 26-182 (1)	Claimed	28.79	18-07-2014	-	2014-15	Claimed in year 2015-16 ref Sl. No. 14
7	410714 TUBE BUNDLE FOR HEAT EXCHANGER TYPE AEW 26-182 (1)	Exclusion	28.79	18-07-2014	-	2014-15	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
8	410714 SEMICONDUCTOR FUSE 660 V, 1100 A	Exclusion	0.76	17-05-2012	-	2014-15	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
9	410714 THYRISTOR, MAKE ABB MODEL N540 1800 V	Exclusion	0.76	17-05-2012	-	2014-15	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
10	410714 THYRISTOR, MAKE ABB MODEL N540 1800 V	Exclusion	0.76	17-05-2012	-	2014-15	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
11	410714 THYRISTOR, MAKE ABB MODEL N540 1800 V	Exclusion	0.76	17-05-2012	-	2014-15	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
12	410714 THYRISTOR, MAKE ABB MODEL N540 1800 V	Exclusion	0.76	17-05-2012	-	2014-15	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
13	410714 DISTANCE READING STAINLESS STEEL	Exclusion	0.47	01-05-2007	0.14	2014-15	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
14	410714 DISTANCE READING STAINLESS STEEL	Exclusion	0.47	01-05-2007	0.14	2014-15	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
15	410714 DISTANCE READING STAINLESS STEEL	Exclusion	0.47	01-05-2007	0.14	2014-15	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
16	410714 DISTANCE READING STAINLESS STEEL	Exclusion	0.47	01-05-2007	0.14	2014-15	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
17	411112 CROMPTON PUMP	Exclusion	0.11	01-03-1999	0.11	2014-15	PUMPS
18	411112 MODI ELECTRIC NON-CLOG ELECTRIC DEWATERING PUMP MODEL M-154-T	Exclusion	0.39	01-06-1999	0.39	2014-15	PUMPS
19	411112 CENTRIFUGAL PUMP, TYPE - DB-100/26 WITH BRONZE IMPELLER, SHAFT STAINLESS STEEL, RPM-2900	Claimed	0.62	04-05-2010	0.30	2014-15	Claimed in year 2015-16 at Sl. No. 15
20	411112 CENTRIFUGAL PUMP, TYPE - DB-100/26 WITH BRONZE IMPELLER, SHAFT STAINLESS STEEL, RPM-2900	Exclusion	0.62	04-05-2010	0.30	2014-15	PUMPS
21	411112 MONOBLOCK PUMP 7.5 KW, 10 IIP SUC&DEL 100 MM,	Exclusion	0.24	30-09-2010	0.11	2014-15	PUMPS
22	411112 SUBMERSIBLE PUMP 5 HP (ISI MARK) HEAD 110 TO 141 MTR.DISCARGE 120 TO 65 LTR. PER MINUTE	Exclusion	0.32	19-11-2012	0.07	2014-15	PUMPS
23	411112 SUBMERSIBLE PUMP 5 HP (ISI MARK) HEAD 110 TO 141 MTR.DISCARGE 120 TO 65 LTR. PER MINUTE	Exclusion	0.32	19-11-2012	0.07	2014-15	PUMPS
24	411130 SELF SUPPORTING ALUMINIUM ALY LADDER WITH EXTENSION SYSTEM	Exclusion	0.14	01-05-2002	0.14	2014-15	OTHER EQUIPMENT
25	411201 PVC WATER TANK	Exclusion	0.15	01-03-1991	0.15	2014-15	WATER SUPPLY
26	411201 Sintex Water Tank	Exclusion	0.50	30-07-2003	0.17	2014-15	WATER SUPPLY
27	411603 FRP PADDLE BOAT FOR 4 PERSON MES2008100003 CLEGHORN COMPANY,KOLKATA	Exclusion	0.47	22-09-2008	0.15	2014-15	BOATS
28	411701 GODREJ CHAIR PC11-7001	Exclusion	0.07	01-10-1998	0.07	2014-15	FURNITURE-FIXTURES-OFFICE
29	411701 GODREJ COMPUTER CHAIR WITH/OUT ARMS PCH-7031,MES2007100030,31 03 08	Exclusion	0.06	31-03-2008	0.06	2014-15	FURNITURE-FIXTURES-OFFICE
30	411701 GODREJ COMPUTER CHAIR WITHOUT ARMS PCH-7031,MES2007100030,31 03 08	Exclusion	0.06	31-03-2008	0.06	2014-15	FURNITURE-FIXTURES-OFFICE
31	411701 CHAIR PC11-7003D GODREJ MAKE	Exclusion	0.06	20-12-2010	0.01	2014-15	FURNITURE-FIXTURES-OFFICE
32	411701 Almira 1980 X 1018 X 535 mm, GR NO.MES2006100017, DTD.10-NOV-06	Exclusion	0.13	10-11-2006	0.04	2014-15	FURNITURE-FIXTURES-OFFICE
33	411701 Almira 1980 X 1018 X 535 mm, GR NO.MES2006100017, DTD.10-NOV-06	Exclusion	0.13	10-11-2006	0.04	2014-15	FURNITURE-FIXTURES-OFFICE
34	411701 Almira 1980 X 1018 X 535 mm, GR NO.MES2006100017, DTD.10-NOV-06	Exclusion	0.13	10-11-2006	0.04	2014-15	FURNITURE-FIXTURES-OFFICE
35	411701 Almira 1980 X 1018 X 535 mm, GR NO.MES2006100017, DTD.10-NOV-06	Exclusion	0.13	10-11-2006	0.04	2014-15	FURNITURE-FIXTURES-OFFICE



Sl No.	Name of the Asset	Nature of de-capitalization (whether claimed under exclusion or as additional capital expenditure)	Original Value of the Asset De-Capitalized	Year Put to use	Depreciation recovered till date of De-capitalization	Year of De-capitalization	Remarks
36	411701 STOREWELL MINOR PLAIN	Exclusion	0.05	01-07-2002	0.05	2014-15	FURNITURE-FIXTURES-OFFICE
37	411701 STOREWELL PLAIN	Exclusion	0.07	01-07-2002	0.07	2014-15	FURNITURE-FIXTURES-OFFICE
38	411701 STOREWELL PLAIN WITH 4 SHELF GR NO. 2858 & 2859 DT. 6.12.2K	Exclusion	0.08	01-01-2001	0.08	2014-15	FURNITURE-FIXTURES-OFFICE
39	411701 STOREWELL PLAIN WITH 4 SHELF GR NO. 2858 & 2859 DT. 6.12.2K	Exclusion	0.08	01-01-2001	0.08	2014-15	FURNITURE-FIXTURES-OFFICE
40	411701 4 DRAWER VERTICAL HIGH CASNET, GODREJ MAKE, MODEL - SIZE (13201X470WX620D)MM	Exclusion	0.16	04-09-2013	0.01	2014-15	FURNITURE-FIXTURES-OFFICE
41	411701 WALL TO WALL ACRYLIC 1100 GMS, CARPET SIZE 12'X39' & THERMOCAT 8MM GR NO. 3403 OF 5.9.2K	Exclusion	0.17	05-09-1997	0.10	2014-15	FURNITURE-FIXTURES-OFFICE
42	411705 MOJIB YOUSUF AWAN, WOODEN STAGE FOR INDOOR CULTURAL PROGRAMME	Exclusion	0.18	01-09-1999	0.11	2014-15	FURNITURE-FIXTURES-CLUB
43	411706 PATIENT BED MATTRESS MED2008100001 JAN 2009 NOS.9	Exclusion	0.84	13-05-2008	0.22	2014-15	FURNITURE-FIXTURES-HOSPITAL
44	411707 FLOOR CARPET 36'X12', GR NO. 2837 DT. 6.1.2001	Exclusion	0.13	01-01-2001	0.08	2014-15	FURNITURE-FIXTURES-FIELD HOSTEL/TRANSIT HOSTEL
45	411707 INVOICE# 320 OF 17.9.98, GR NO. 504 OF 30.9.98SHALIMAR CARPET DELUXE ACRYLIC 1250 GMS	Exclusion	0.70	01-11-1998	0.57	2014-15	FURNITURE-FIXTURES-FIELD HOSTEL/TRANSIT HOSTEL
46	411707 Mattresses Kurlon 72"X72"X4"GR No 1895 dt.09.07.2004	Exclusion	0.22	01-07-2004	0.10	2014-15	FURNITURE-FIXTURES-FIELD HOSTEL/TRANSIT HOSTEL
47	411707 MATTRESS SIZE 6'X6'X4 INCH NOS.24	Exclusion	2.13	24-03-2010	0.35	2014-15	FURNITURE-FIXTURES-FIELD HOSTEL/TRANSIT HOSTEL
48	411707 MATTRESS SIZE 6'X6'X4 INCH	Exclusion	0.14	01-03-2014	0.00	2014-15	FURNITURE-FIXTURES-FIELD HOSTEL/TRANSIT HOSTEL
49	411707 CARPET SHALIMAR ACRYLIC GR GR NO. 1421 OF 11.8.98	Exclusion	1.41	01-11-1998	1.16	2014-15	FURNITURE-FIXTURES-FIELD HOSTEL/TRANSIT HOSTEL
50	411801 PENTIUM-IV COMPUTER 3 GHZ WITH 512 MB DDR.INTEL 915G CHIPSETS RAM ,	Exclusion	0.63	01-06-2005	0.60	2014-15	COMPUTERS
51	411801 PENTIUM-IV COMPUTER 3 GHZ WITH 512 MB DDR.INTEL 915G CHIPSETS RAM , 5 NOS	Exclusion	2.17	01-06-2005	2.17	2014-15	COMPUTERS
52	411801 * P-IV,MICRO CLINIC INDIA PVT.LTD.MES2007100015.01.10.07*	Exclusion	0.43	01-10-2007	0.43	2014-15	COMPUTERS
53	411801 * P-IV,MICRO CLINIC INDIA PVT.LTD.MES2007100015.01.10.07*	Exclusion	0.43	01-10-2007	0.43	2014-15	COMPUTERS
54	411801 * P-IV,MICRO CLINIC INDIA PVT.LTD.MES2007100015.01.10.07*	Exclusion	0.43	01-10-2007	0.43	2014-15	COMPUTERS
55	411801 DESK TOP Computers ZENITH Make,GR NO.935 dt.05.12.02	Exclusion	0.39	02-12-2002	0.39	2014-15	COMPUTERS
56	411801 Desk TOP Computers ZENITH Make GR NO.1041 dt.003.02.03	Exclusion	0.39	02-03-2003	0.39	2014-15	COMPUTERS
57	411801 HP Compaq Desktop computers D330 P IV with 15"colour monitor,speaker,head phone GR# 1860/26.05.04	Exclusion	2.69	01-08-2004	2.69	2014-15	COMPUTERS
58	411801 HP Compaq Desktop computers D330 P IV with col. monitor,speaker,head phone GR# 1996/03.05.04	Exclusion	0.44	01-05-2004	0.44	2014-15	COMPUTERS
59	411801 LAPTOP/NOTEBOOK COMPUTER MES2007100025.22.02.08	Exclusion	0.59	22-02-2008	0.56	2014-15	COMPUTERS
60	411801 HP DC 7900 DESKTOP PC WITH 17" TFT MONITOR	Exclusion	0.41	15-12-2009	0.41	2014-15	COMPUTERS
61	411801 HP DESKTOP PRO 8000 WITH INTEL CORE2DUO 8400 18.5 TFT	Exclusion	0.40	11-01-2012	0.38	2014-15	COMPUTERS
62	411803 PRINTER HP DJ 1120 C	Exclusion	0.27	01-03-1999	0.27	2014-15	PRINTERS
63	411804 UPS 625 KVA GR NO. 7960 OF 6.1.2001	Exclusion	0.06	06-01-2001	0.06	2014-15	OTHER EDP EQUIPMENTS
64	411804 1 TB USB EXTERNAL HARD DISK	Exclusion	0.07	05-03-2014	0.00	2014-15	OTHER EDP EQUIPMENTS
65	411804 1 TB USB EXTERNAL HARD DISK	Exclusion	0.07	05-03-2014	0.00	2014-15	OTHER EDP EQUIPMENTS
66	411805 LDST & UPS SYSTEM	Exclusion	14.08	01-03-1997	13.36	2014-15	SATELLITE COMMUNICATIONS SYSTEMS
67	411805 VSAT TERMINAL WITH ACCESSORIES	Exclusion	10.06	01-08-2000	9.56	2014-15	SATELLITE COMMUNICATIONS SYSTEMS
68	411902 NUMERIC ON LINE UPS 1 KVA	Exclusion	0.36	01-12-1998	0.30	2014-15	TELEPHONE TELEX MACHINES
69	411902 SMF Battery for telephone exchangeGR NO.ELS2006100009,27.06.06	Exclusion	0.07	27-06-2006	0.07	2014-15	TELEPHONE TELEX MACHINES
70	411902 SMF Battery for telephone exchangeGR NO.ELS2006100009,27.06.06	Exclusion	0.07	27-06-2006	0.07	2014-15	TELEPHONE TELEX MACHINES
71	411902 Digital EPABX System, 8x48 Line GR NO. MES2006100006,27.06.06	Exclusion	1.58	27-06-2006	0.59	2014-15	TELEPHONE TELEX MACHINES
72	411902 Fax Machine,GR No:- MES2005100017,07- MAR-06	Exclusion	0.11	01-03-2006	0.04	2014-15	TELEPHONE TELEX MACHINES
73	412003 AUTO CUT VOLTAGE STABILIZER - JKVAGR NO.MES2005100024,26-APR-06	Exclusion	0.11	01-04-2006	0.04	2014-15	PHOTOCOPY/DUPLICATING MACHINES
74	412005 Weight Assised Chin Dip MES2007100028,17.03.08	Exclusion	0.12	17-03-2008	0.03	2014-15	HOSPITAL EQUIPMENTS
75	412005 Commercial Reoubent 13ike MES2007100028,	Exclusion	0.39	17-03-2008	0.11	2014-15	HOSPITAL EQUIPMENTS
76	412005 Heavy Duty Steppers MES2007100028	Exclusion	0.06	17-03-2008	0.06	2014-15	HOSPITAL EQUIPMENTS
77	412005 Multi Station Gym ,twelve station unit MES2007100028	Exclusion	1.25	17-03-2008	0.36	2014-15	HOSPITAL EQUIPMENTS
78	412005 Seated Chest Press MES2007100028	Exclusion	0.12	17-03-2008	0.03	2014-15	HOSPITAL EQUIPMENTS
79	412006 TT TABLE	Exclusion	0.14	22-08-2012	0.01	2014-15	CLUB EQUIPMENTS
80	412008 AIR CONDITIONER WINDOW TYPE 1.5 TON MES2008100022 MAR09	Exclusion	0.20	30-03-2009	0.05	2014-15	AIR CONDITIONERS
81	412008 AIR CONDITIONER WINDOW TYPE 1.5 TON MES2008100022 MAR09	Exclusion	0.20	30-03-2009	0.05	2014-15	AIR CONDITIONERS



74

Sl. No.	Name of the Asset	Nature of de-capitalization (whether claimed under exclusion or as additional capital expenditure)	Original Value of the Asset De-Capitalised	Year Put to use	Depreciation recovered till date of De-capitalization	Year of De-capitalisation	Remarks
82	412008 Air Conditioners 1.5 Ton GR# 1541 DT. 30.07.2003	Exclusion	0.24	30-07-2003	0.24	2014-15	AIR CONDITIONERS
83	412008 Air Conditioners 1.5 Ton GR# 1541 DT. 30.07.2003	Exclusion	0.24	30-07-2003	0.24	2014-15	AIR CONDITIONERS
84	412008 GODREJ AIR CONDITIONERS 1 TON GR NO. 2520, 2521 OF 17.7.99	Exclusion	0.23	01-08-1999	0.23	2014-15	AIR CONDITIONERS
85	412008 ROOM AIR CONDITIONER - GODREJ MAKE, 2 TON, MODEL 5042 GR NO. 711 DT. 12/8/2002	Exclusion	0.30	12-08-2002	0.30	2014-15	AIR CONDITIONERS
86	412008 ROOM AIR CONDITIONER - GODREJ MAKE, 2 TON, MODEL 5042 GR NO. 711 DT. 12/8/2002	Exclusion	0.30	12-08-2002	0.30	2014-15	AIR CONDITIONERS
87	412008 WINDOW TYPE AIR CONDITIONER 1.5 TON	Exclusion	0.30	24-03-2014	0.01	2014-15	AIR CONDITIONERS
88	412008 WINDOW TYPE AIR CONDITIONER 1.5 TON	Exclusion	0.30	24-03-2014	0.01	2014-15	AIR CONDITIONERS
89	412011 FREEZER	Exclusion	0.06	01-03-1999	0.06	2014-15	AIR COOLERS/WATER COOLERS/FANS
90	412013 GODREJ REFRIGERATOR CLASSING 165 LTR.	Exclusion	0.05	01-04-1991	0.05	2014-15	REFRIGERATORS FOR OFFICE
91	412020 STABILISER METRO MAKE 5 KVA	Exclusion	0.08	01-10-1993	0.08	2014-15	OTHER OFFICE EQUIPMENTS
92	412020 BATTERY BANK GR NO. 908 OF 20.11.2002	Exclusion	5.91	03-03-2003	4.50	2014-15	OTHER OFFICE EQUIPMENTS
93	412020 MICROWAVE OVEN MES2008100018 MAR09	Exclusion	0.09	24-03-2009	0.02	2014-15	OTHER OFFICE EQUIPMENTS
94	412020 MICROWAVE OVEN MES2008100018 MAR09	Exclusion	0.09	24-03-2009	0.02	2014-15	OTHER OFFICE EQUIPMENTS
95	412020 GODREJ VENDING MACHINE MODEL MINIFRESH 14400	Exclusion	0.34	03-05-2011	0.05	2014-15	OTHER OFFICE EQUIPMENTS
96	412020 GODREJ VENDING MACHINE MODEL 2CVM	Exclusion	0.16	03-05-2011	0.02	2014-15	OTHER OFFICE EQUIPMENTS
97	412020 BPL VACUUM CLEANER 1000W GR NO. 373 OF 12/96	Exclusion	0.05	01-03-1997	0.05	2014-15	OTHER OFFICE EQUIPMENTS
98	412020 REVERSE OSMOSIS WATER PURIFIER CVS2008100023 FEB09	Exclusion	0.15	27-02-2009	0.04	2014-15	OTHER OFFICE EQUIPMENTS
99	412201 MS OFFICE 2000 SOFTWARE GR NO. 2864 OF 23.12.2K,	Exclusion	0.25	01-01-2001	0.25	2014-15	INTANGIBLE ASSETS-COMPUTER SOFTWARE
100	412201 CAD StudioAuto CAD -2007 GR NO MES2006100008, 27-JUL-06	Exclusion	5.88	01-07-2006	5.88	2014-15	INTANGIBLE ASSETS-COMPUTER SOFTWARE
101	412201 MMS Software DO INST- 2004-05	Exclusion	6.28	01-09-2005	6.28	2014-15	INTANGIBLE ASSETS-COMPUTER SOFTWARE
102	412201 MMS Software, Installation date Apr-04	Exclusion	5.50	01-03-2005	5.50	2014-15	INTANGIBLE ASSETS-COMPUTER SOFTWARE
103	412201 MS OFFICE SOFTWARE	Exclusion	0.19	01-03-1999	0.19	2014-15	INTANGIBLE ASSETS-COMPUTER SOFTWARE
104	412201 MS OFFICE SOFTWARE	Exclusion	0.19	01-03-1999	0.19	2014-15	INTANGIBLE ASSETS-COMPUTER SOFTWARE
105	412501 SONY VCD PLAYER MC-F-8-K GR NO. 2681 DT. 16.10.99	Exclusion	0.11	01-10-1999	0.11	2014-15	TELEVISIONS/MUSIC SYSTEMS OTHER THAN FOR OFFICE, PROJECTORS, AUDIO VISUALS EQUIPMENTS
106	412501 SCAN DOME COLOR DAY/ NIGHT PTZ CAMERA	Exclusion	0.31	30-09-2014		2014-15	TELEVISIONS/MUSIC SYSTEMS OTHER THAN FOR OFFICE, PROJECTORS, AUDIO VISUALS EQUIPMENTS
107	412502 ELECTRIC OVEN 210 DEGREE CENTIGRADE TEMPERATURE 14"x14" STEEL BODY, INNER	Exclusion	0.14	01-09-2005	0.06	2014-15	LABORATORY TESTING AND METER TESTING EQUIPMENTS
108	412503 WHEEL BARROW THREE WHEELS	Exclusion	0.05	19-06-2013	0.00	2014-15	MISC. ASSETS/EQUIPMENTS
109	412801 EASY CHAIRS	Exclusion	0.01	01-02-1998	0.01	2014-15	FIXED ASSETS OF MINOR VALUE >750
110	412801 EASY CHAIRS	Exclusion	0.01	01-02-1998	0.01	2014-15	FIXED ASSETS OF MINOR VALUE >750
111	412801 EASY CHAIRS	Exclusion	0.01	01-02-1998	0.01	2014-15	FIXED ASSETS OF MINOR VALUE >750
112	412801 EASY CHAIRS	Exclusion	0.01	01-02-1998	0.01	2014-15	FIXED ASSETS OF MINOR VALUE >750
113	412801 EASY CHAIRS	Exclusion	0.01	01-02-1998	0.01	2014-15	FIXED ASSETS OF MINOR VALUE >750
114	412801 EASY CHAIRS	Exclusion	0.01	01-02-1998	0.01	2014-15	FIXED ASSETS OF MINOR VALUE >750
115	412801 STUDY CHAIRS, GR # 3030 DT. 15.5.01	Exclusion	0.02	01-05-2001	0.02	2014-15	FIXED ASSETS OF MINOR VALUE >750
116	412801 STUDY CHAIRS, GR # 3030 DT. 15.5.01	Exclusion	0.02	01-05-2001	0.02	2014-15	FIXED ASSETS OF MINOR VALUE >750
117	412801 STUDY CHAIRS, GR # 3030 DT. 15.5.01	Exclusion	0.02	01-05-2001	0.02	2014-15	FIXED ASSETS OF MINOR VALUE >750
118	412801 STUDY CHAIRS, GR # 3030 DT. 15.5.01	Exclusion	0.02	01-05-2001	0.02	2014-15	FIXED ASSETS OF MINOR VALUE >750
119	412801 CHAIR CH-4 GODREJ, GR NO 501 OF 26.9.98	Exclusion	0.01	01-09-1998	0.01	2014-15	FIXED ASSETS OF MINOR VALUE >750
120	412801 CHAIR HIGH BACK	Exclusion	0.02	01-03-1999	0.02	2014-15	FIXED ASSETS OF MINOR VALUE >750
121	412801 GODREJ CHAIR CH-4	Exclusion	0.01	12-03-1999	0.01	2014-15	FIXED ASSETS OF MINOR VALUE >750
122	412801 GODREJ CHAIR CH-7, GR # 1414 OF 17.7.98	Exclusion	0.01	01-10-1998	0.01	2014-15	FIXED ASSETS OF MINOR VALUE >750
123	412801 GODREJ CHAIR CH-7, GR # 1414 OF 17.7.98	Exclusion	0.01	01-10-1998	0.01	2014-15	FIXED ASSETS OF MINOR VALUE >750
124	412801 GODREJ CHAIR CH-7MES2007100030	Exclusion	0.02	31-03-2008	0.02	2014-15	FIXED ASSETS OF MINOR VALUE >750
125	412801 CHAIR PCII-7031	Exclusion	0.04	01-11-1999	0.04	2014-15	FIXED ASSETS OF MINOR VALUE >750
126	412801 GODREJ DINNING TABLE T-401 CODE 3421	Exclusion	0.04	01-03-1999	0.04	2014-15	FIXED ASSETS OF MINOR VALUE >750
127	412801 GODREJ DINNING TABLE T-401 CODE 3421	Exclusion	0.04	01-03-1999	0.04	2014-15	FIXED ASSETS OF MINOR VALUE >750
128	412801 GODREJ DINNING TABLE T-401 CODE 3421	Exclusion	0.04	01-03-1999	0.04	2014-15	FIXED ASSETS OF MINOR VALUE >750
129	412801 GODREJ DINNING TABLE T-401 CODE 3421	Exclusion	0.04	01-03-1999	0.04	2014-15	FIXED ASSETS OF MINOR VALUE >750
130	412801 BED DOUBLE	Exclusion	0.01	01-02-1998	0.01	2014-15	FIXED ASSETS OF MINOR VALUE >750



75

Sl. No.	Name of the Asset	Nature of de-capitalization (whether claimed under exclusion or as additional capital expenditure)	Original Value of the Asset De-Capitalised	Year Put to use	Depreciation recovered till date of De-capitalization	Year of De-capitalisation	Remarks
1	2	3	4	5	6		
131	412801 WOODEN BED 6*3' WHITE 19MM PLY BOARD, GR# 033 DT. 11.7.01 NOS 10	Exclusion	0.10	01-07-2001	0.09	2014-15	FIXED ASSETS OF MINOR VALUE >750
132	412801 WOODEN BED SINGLE CVS 2008100013	Exclusion	0.02	31-12-2008	0.01	2014-15	FIXED ASSETS OF MINOR VALUE >750
133	412801 WOODEN BED SINGLE CVS 2008100013	Exclusion	0.02	31-12-2008	0.01	2014-15	FIXED ASSETS OF MINOR VALUE >750
134	412801 WOODEN BED SINGLE CVS 2008100013	Exclusion	0.02	31-12-2008	0.01	2014-15	FIXED ASSETS OF MINOR VALUE >750
135	412801 WOODEN BED SINGLE, GR# 529/19.1.98	Exclusion	0.01	01-01-1999	0.01	2014-15	FIXED ASSETS OF MINOR VALUE >750
136	412801 Wooden Beds 6*3*1.5# GR# 2004100023DT.17.11.2004	Exclusion	0.01	17-11-2004	0.01	2014-15	FIXED ASSETS OF MINOR VALUE >750
137	412801 Wooden Beds 6*3*1.5# GR# 2004100023DT.17.11.2004	Exclusion	0.01	17-11-2004	0.01	2014-15	FIXED ASSETS OF MINOR VALUE >750
138	412801 Wooden Beds 6*3*1.5# GR# 2004100023DT.17.11.2004	Exclusion	0.01	17-11-2004	0.01	2014-15	FIXED ASSETS OF MINOR VALUE >750
139	412801 Wooden Beds 6*3*1.5# GR# 2004100023DT.17.11.2004	Exclusion	0.01	17-11-2004	0.01	2014-15	FIXED ASSETS OF MINOR VALUE >750
140	412801 Wooden Beds 6*3*1.5# GR# 2004100023DT.17.11.2004	Exclusion	0.01	17-11-2004	0.01	2014-15	FIXED ASSETS OF MINOR VALUE >750
141	412801 Wooden Beds 6*3*1.5# GR# 2004100023DT.17.11.2004	Exclusion	0.01	17-11-2004	0.01	2014-15	FIXED ASSETS OF MINOR VALUE >750
142	412801 Wooden Cart, CVS2006100050, 24.03.07	Exclusion	0.04	31-03-2007	0.03	2014-15	FIXED ASSETS OF MINOR VALUE >750
143	412801 Wooden Cart, CVS2006100050, 24.03.07	Exclusion	0.04	31-03-2007	0.03	2014-15	FIXED ASSETS OF MINOR VALUE >750
144	412801 WOODEN COTS ,BED, GR 1734 DT.28.02.2004	Exclusion	0.01	01-03-2004	0.01	2014-15	FIXED ASSETS OF MINOR VALUE >750
145	412801 WOODEN COTS ,BED, GR 1734 DT.28.02.2004	Exclusion	0.01	01-03-2004	0.01	2014-15	FIXED ASSETS OF MINOR VALUE >750
146	412801 WOODEN COTS ,BED, GR 1734 DT.28.02.2004	Exclusion	0.01	01-03-2004	0.01	2014-15	FIXED ASSETS OF MINOR VALUE >750
147	412801 WOODEN COTS ,BED, GR 1734 DT.28.02.2004	Exclusion	0.01	01-03-2004	0.01	2014-15	FIXED ASSETS OF MINOR VALUE >750
148	412801 WOODEN COTS ,BED, GR 1734 DT.28.02.2004	Exclusion	0.01	01-03-2004	0.01	2014-15	FIXED ASSETS OF MINOR VALUE >750
149	412801 USHA LEXUS HEAT CONVECTOR, GR NO. 1693 DT. 23/12/03	Exclusion	0.02	01-01-2004	0.02	2014-15	FIXED ASSETS OF MINOR VALUE >750
150	412801 CEILING FAN USHA PULSAR, GR NO.1571 DT.11/98, GR NO.4805 OF 2/99	Exclusion	0.01	01-11-1998	0.01	2014-15	FIXED ASSETS OF MINOR VALUE >750
151	412801 CEILING FAN, GR NO. 1576 DT.19.11.98 NOS.56	Exclusion	0.45	01-02-1998	0.45	2014-15	FIXED ASSETS OF MINOR VALUE >750
152	412801 EXHAUST FAN 15CM, GR NO. 1996 OF 23.7.98 NOS.35	Exclusion	0.31	01-01-1999	0.31	2014-15	FIXED ASSETS OF MINOR VALUE >750
153	412801 PAX EXHAUST FAN 10 INCH GR # 511 DATED 15/05/2002	Exclusion	0.01	01-07-2002	0.01	2014-15	FIXED ASSETS OF MINOR VALUE >750
154	PAX EXHAUST FAN GR #072 DT.29.8.01 NOS.6	Exclusion	0.18	01-08-2002	0.18	2014-15	FIXED ASSETS OF MINOR VALUE >750
155	412801 PAX EXHAUST FAN ELECTRO NOS.6	Exclusion	0.08	01-03-1999	0.08	2014-15	FIXED ASSETS OF MINOR VALUE >750
156	412801 PAX EXHAUST FAN 15" GR NO. 1588 DT.NIL	Exclusion	0.01	01-02-1999	0.01	2014-15	FIXED ASSETS OF MINOR VALUE >750
157	412801 EXHAUST FAN LIGHT DUTY 300 MM	Exclusion	0.15	29-03-2014	0.15	2014-15	FIXED ASSETS OF MINOR VALUE >750
158	412801 REHOSTAT-50 OHM	Exclusion	0.01	27-03-2015	-	2014-15	FIXED ASSETS OF MINOR VALUE >750
159	412801 REHOSTAT-50 OHM	Exclusion	0.01	27-03-2015	-	2014-15	FIXED ASSETS OF MINOR VALUE >750
160	412801 3 PHASE, 3 X 240 VOLT 50A, 50 Hz CLASS 2 ENERGY METER# GR # 688 DATED 09/07/2002 NOS 17	Exclusion	0.14	01-06-2002	0.14	2014-15	FIXED ASSETS OF MINOR VALUE >750
161	412801 1 TB USB EXTERNAL HARD DISK	Exclusion	0.05	11-02-2015	-	2014-15	FIXED ASSETS OF MINOR VALUE >750
162	412801 1 TB USB EXTERNAL HARD DISK	Exclusion	0.05	11-02-2015	-	2014-15	FIXED ASSETS OF MINOR VALUE >750
163	412801 PEN DRIVE # GR # 2356 dated 24/09/2004	Exclusion	0.04	18-09-2004	0.03	2014-15	FIXED ASSETS OF MINOR VALUE >750
164	412801 PEN DRIVE # GR # 2356 dated 24/09/2004	Exclusion	0.04	18-09-2004	0.03	2014-15	FIXED ASSETS OF MINOR VALUE >750
165	412801 VOLUMETRIC FLASK 250ML	Exclusion	0.00	27-03-2015	-	2014-15	FIXED ASSETS OF MINOR VALUE >750
166	412801 VOLUMETRIC FLASK 250ML	Exclusion	0.00	27-03-2015	-	2014-15	FIXED ASSETS OF MINOR VALUE >750
167	412801 VOLUMETRIC FLASK 250ML	Exclusion	0.00	27-03-2015	-	2014-15	FIXED ASSETS OF MINOR VALUE >750
168	412801 DISSECTION WAX TRAY 8 NOS	Exclusion	0.03	27-03-2015	-	2014-15	FIXED ASSETS OF MINOR VALUE >750
169	412801 COPPER CALORIMETER	Exclusion	0.00	27-03-2015	-	2014-15	FIXED ASSETS OF MINOR VALUE >750
170	412801 LAMINATION MACHINE GR NO. 806 OF 11/97	Exclusion	0.03	01-03-1998	0.03	2014-15	FIXED ASSETS OF MINOR VALUE >750
171	412801 SPIRAL BINDING MACHINE	Exclusion	0.03	29-03-2011	0.03	2014-15	FIXED ASSETS OF MINOR VALUE >750
172	412801 MIXER GRINDER	Exclusion	0.04	04-11-2011	0.04	2014-15	FIXED ASSETS OF MINOR VALUE >750
173	412801 GEYSERS 35 LTR CAP. RACOLD ALTRO MODEL, GR#1975 DT.31.03.2004	Exclusion	0.04	01-03-2004	0.04	2014-15	FIXED ASSETS OF MINOR VALUE >750
174	412801 GEYSERS 35 LTR CAP. RACOLD ALTRO MODEL, GR#1975 DT.31.03.2004	Exclusion	0.04	01-03-2004	0.04	2014-15	FIXED ASSETS OF MINOR VALUE >750
175	412801 GEYSERS 35 LTR CAP. RACOLD ALTRO MODEL, GR#1975 DT.31.03.2004	Exclusion	0.04	01-03-2004	0.04	2014-15	FIXED ASSETS OF MINOR VALUE >750
176	412801 GEYSERS 35 LTR CAP. RACOLD ALTRO MODEL, GR#1975 DT.31.03.2004	Exclusion	0.04	01-03-2004	0.04	2014-15	FIXED ASSETS OF MINOR VALUE >750
177	412801 GEYSERS 35 LTR CAP. RACOLD ALTRO MODEL, GR#1975 DT.31.03.2004	Exclusion	0.04	01-03-2004	0.04	2014-15	FIXED ASSETS OF MINOR VALUE >750
178	412801 Adjustable Bench MES2007100028	Exclusion	0.04	18-03-2008	0.04	2014-15	FIXED ASSETS OF MINOR VALUE >750



12

76

Sl. No.	Name of the Asset	Nature of de-capitalization (whether claimed under exclusion or as additional capital expenditure)	Original Value of the Asset De-Capitalised	Year Put to use	Depreciation recovered till date of De-capitalization	Year of De-capitalisation	Remarks
179	412801 Mini Steppers MES2007100028, 17.03.08	Exclusion	0.04	18-03-2008	0.04	2014-15	FIXED ASSETS OF MINOR VALUE >750
180	412801 Matresses Kurlon Super Deluxe, GR NO 1895 dt 09.07.2004	Exclusion	0.03	08-07-2004	0.03	2014-15	FIXED ASSETS OF MINOR VALUE >750
181	412801 Matresses Kurlon Super Deluxe, GR NO 1895 dt 09.07.2004	Exclusion	0.03	08-07-2004	0.03	2014-15	FIXED ASSETS OF MINOR VALUE >750
182	412801 Matresses Kurlon Super Deluxe, GR NO 1895 dt 09.07.2004	Exclusion	0.03	08-07-2004	0.03	2014-15	FIXED ASSETS OF MINOR VALUE >750
183	412801 Matresses Kurlon Super Deluxe, GR NO 1895 dt 09.07.2004	Exclusion	0.03	08-07-2004	0.03	2014-15	FIXED ASSETS OF MINOR VALUE >750
184	412801 MATTRESSES MODEL JANTA NIDRA MAKE, GR# 1711 DT.30.01.2004 NOS.32	Exclusion	0.31	01-02-2004	0.31	2014-15	FIXED ASSETS OF MINOR VALUE >750
185	412801 MATTRESS CVS 2008100014 NOS 8	Exclusion	0.19	31-12-2008	0.19	2014-15	FIXED ASSETS OF MINOR VALUE >750
186	412801 MATTRESS KURLON GR # 79 DT. 1.9.01	Exclusion	0.11	01-12-2001	0.11	2014-15	FIXED ASSETS OF MINOR VALUE >750
187	412801 MATTRESS NIDRA 75"X36"	Exclusion	0.01	01-07-2000	0.01	2014-15	FIXED ASSETS OF MINOR VALUE >750
188	412801 MATTRESS NIDRA 75"X36"	Exclusion	0.01	01-07-2000	0.01	2014-15	FIXED ASSETS OF MINOR VALUE >750
189	412801 MATTRESS NIDRA 75"X36"	Exclusion	0.01	01-07-2000	0.01	2014-15	FIXED ASSETS OF MINOR VALUE >750
190	412801 MATTRESS NIDRA 75"X36"	Exclusion	0.01	01-07-2000	0.01	2014-15	FIXED ASSETS OF MINOR VALUE >750
191	412801 MATTRESS(72"X36") 94 THICK NOS 48	Exclusion	1.98	30-01-2010	1.98	2014-15	FIXED ASSETS OF MINOR VALUE >750
192	412801 ACRYLIC CARPET, GR# 163 DT 26.11.01 (130SF1)	Exclusion	0.04	01-12-2001	0.04	2014-15	FIXED ASSETS OF MINOR VALUE >750
193	412801 USHA SEWING MACHINE M-6099, GR NO 4358 OF 6.3.99	Exclusion	0.02	01-03-1999	0.02	2014-15	FIXED ASSETS OF MINOR VALUE >750
194	412801 SEWING M/C USHA MAKE, GR NO 004847/11.5.99	Exclusion	0.02	01-05-1999	0.02	2014-15	FIXED ASSETS OF MINOR VALUE >750
195	412801 X-RAY VIEW BOX, GR # 435 DT. 20.02.02	Exclusion	0.01	01-03-2002	0.01	2014-15	FIXED ASSETS OF MINOR VALUE >750
196	411805 INMARSET	Exclusion	1.54	01-02-2003	1.39	2014-15	SATELLITE COMMUNICATIONS SYSTEMS
Sub Total Assets De-Capitalised in 2014-15			195.52				
Deletion under claimed			34.27				
Deletion under exclusion			161.26				
Assumed Deletion							
1	411508 TATA MODEL SFC 407 TRUCK CHASIS CAB & LAOD BODY FITTED WITH 497 SP, JK 02L 2708	Claimed	4.22	01-03-2000	3.80	2016-17	Claimed as additional capital expenditure in year 2014-15 at Sl. No.5 for Rs 6.10/- Lakh. Actual deletion in 2017-18, ref Sl No.2 & 3.
2	411508 TATA MODEL SFC 407 TRUCK CHASIS CAB & LAOD BODY FITTED WITH 497 SP JK 02L 2712	Claimed	4.22	01-03-2000	3.80	2016-17	Claimed as additional capital expenditure in year 2014-15 at Sl. No.5 for Rs 6.10/- Lakh. Actual deletion in 2017-18, ref Sl No.2 & 3.
3	411115 PORTABLE AIR COMPRESSOR, GR. NO. 493 DT 24/04/2002	Claimed	4.15	24-04-2002	2.63	2016-17	Claimed as additional capital expenditure in year 2014-15 at Sl. No. B 8 for Rs 9.51/- Lakh
4	410701 #10701 / Retrofitting of relays / protection scheme in generating units	Claimed	8.49	24-04-1997	5.94	2014-15	Claimed as additional capital expenditure in year 2014-15 at Sl. No.2 for Rs 26.26- Lakh
5	411805 INMARSAT MINI M TERMINALS, GR-2689, 21.09.07	Claimed	1.80	27-09-2007	1.71	2018-19	Refer Form 9A 2014-15 Sl No B 12. Actual deletion ref sl no. 60 of 2018-19
Sub Total Assumed Deletion 2014-15			22.88		17.88		
Total Claimed deletion(Including assumed)			57.15				

FY - 2015-16

1	410713	ROTARY HAMMER DRILL ER 38E CAP 38MM WEIGHT 7.5 KG HITACHI MAKE	Exclusion	0.27	01-03-2000	0.17	2015-16	MISCELLANEOUS POWER PLANT EQUIPMENTS
2	410714	CHEEK PLATE TOP COVER 3361/2	Exclusion	11.68	28-03-2014	-	2015-16	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
3	410714	CHEEK PLATE BOTTOM COVER 3362/2	Exclusion	11.36	28-03-2014	-	2015-16	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
4	410714	UPPER WEAR RING STATIONARY 1021/10/28/3361	Exclusion	10.31	04-12-2014	-	2015-16	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
5	410714	LOWER WEAR RING STATIONARY 1021/10/18/2562	Exclusion	12.03	04-12-2014	-	2015-16	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
6	410714	BOTTOM WEAR RING ROTATING (DRW 2254/2)	Exclusion	18.24	16-12-2014	-	2015-16	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
7	410714	UPPER WEAR RING ROTATING (DRW 2254/3)	Exclusion	15.00	16-12-2014	-	2015-16	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
8	410806	CAP TOP 64 MB	Exclusion	1.63	01-02-2000	0.76	2015-16	CONTROL METERING AND PROTECTION SYSTEM
9	411112	CENTRIFUGAL PUMP	claimed	0.09	01-12-1998	0.09	2015-16	Claimed in year 2017-18 ref Sl No 22
10	411112	DEWATERING PUMP W/BK 15 MAKE HONDA, E NO. 90133493	claimed	0.15	01-03-1998	0.15	2015-16	Claimed in year 2017-18 ref Sl No 23
11	411112	Ram Honda SEWAGE/ WATER PUMP SET MODEL W/BK 30	claimed	0.16	01-02-1999	0.16	2015-16	Claimed in year 2017-18 ref Sl No 24
12	411112	SUBMERSIBLE PUMP MODEL SH-15	claimed	0.11	12-06-2002	0.11	2015-16	Claimed in year 2017-18 ref Sl No 25
13	411112	Submersible pump with motor GR#1527 Invoice #293 dt. 29.03.2003	claimed	5.15	29-03-2003	4.89	2015-16	Claimed in year 2017-18 ref Sl No 26
14	411112	KSB SUBMERSIBLE DEWATERING PUMP SET	claimed	0.82	10-11-2000	0.78	2015-16	Claimed in year 2017-18 ref Sl No 27
15	411112	KSB SUBMERSIBLE DEWATERING PUMP SET	claimed	0.99	10-11-2000	0.94	2015-16	Claimed in year 2017-18 ref Sl No 28



Sl. No.	Name of the Asset	Nature of de-capitalization (whether claimed under exclusion or as additional capital expenditure)	Original Value of the Asset De-Capitalised	Year Put to use	Depreciation recovered till date of De-capitalization	Year of De-capitalisation	Remarks
16	411112 MODI SUBMERSIBLE DEWATERING PUMP MODEL M-544T, GR NO. 3389 DT. 13.10.2K	Exclusion	0.58	22-08-2000	0.55	2015-16	PUMPS
17	411112 SUBMERSIBLE PUMP 5 HP/4.1KW, RATED VOLTAGE 415 VOLT (INCLUDING STARTER)	Exclusion	0.29	30-12-2011	0.11	2015-16	PUMPS
18	411130 DIGITAL WEIGHING BALANCE, GR #3033 DT. 26.5.01	Exclusion	0.38	01-07-2001	0.38	2015-16	OTHER EQUIPMENT
19	411701 GODREJ EX CHAIR WT-718 GR NO. 5455 DT.7/95	Exclusion	0.10	01-10-1995	0.10	2015-16	FURNITURE-FIXTURES-OFFICE
20	411701 GODREJ EXECUTIVE TABLE GR NO. 5420 DT.7/95	Exclusion	0.32	01-11-1995	0.32	2015-16	FURNITURE-FIXTURES-OFFICE
21	411701 STOREWELL PLAIN	Exclusion	0.08	01-07-2002	0.08	2015-16	FURNITURE-FIXTURES-OFFICE
22	411704 GODREJ 4 DRAWER BOOK CASE	Exclusion	0.07	01-03-1998	0.07	2015-16	FURNITURE-FIXTURES-SCHOOL
23	411707 y GODREJ WARDROBE MODEL-H, IDENTIFICATION MARK 8072 8 NOS	Exclusion	0.66	01-06-1999	0.66	2015-16	FURNITURE-FIXTURES-FIELD HOSTEL/TRANSIT HOSTEL
24	411707 Deloongi Gas Heater, G R No 920 dt. 12.10.02	Exclusion	0.08	02-12-2003	0.08	2015-16	FURNITURE-FIXTURES-FIELD HOSTEL/TRANSIT HOSTEL
25	411707 Deloongi Gas Heater, G R No 920 dt. 12.10.02	Exclusion	0.08	02-12-2003	0.08	2015-16	FURNITURE-FIXTURES-FIELD HOSTEL/TRANSIT HOSTEL
26	411707 Deloongi Gas Heater, G R No 920 dt. 12.10.02	Exclusion	0.08	02-12-2003	0.08	2015-16	FURNITURE-FIXTURES-FIELD HOSTEL/TRANSIT HOSTEL
27	411801 PENTIUM-IV COMPUTER 3 GHZ WITH 512 MB DDR INTEL 915G CHIPSETS RAM, NOS. 12	Exclusion	5.41	01-06-2005	5.37	2015-16	COMPUTERS
28	411801 " P-IV,MICRO CLINIC INDIA PVT LTD MES2007100015,01.10.07" NOS 8	Exclusion	3.41	01-10-2007	3.41	2015-16	COMPUTERS
29	411801 DESK TOP Computers ZENITH Make, GR NO 935 dt.05.12.02	Exclusion	0.39	02-12-2002	0.39	2015-16	COMPUTERS
30	411801 DESK TOP Computers ZENITH Make, GR NO 935 dt.05.12.02	Exclusion	0.39	02-12-2002	0.39	2015-16	COMPUTERS
31	411801 DESK TOP Computers ZENITH Make, GR NO 935 dt.05.12.02	Exclusion	0.39	02-12-2002	0.39	2015-16	COMPUTERS
32	411801 COMPAQ PENTIUM COMPUTER SYSTEM 266 MHZ	Exclusion	0.90	01-03-1999	0.86	2015-16	COMPUTERS
33	411801 HP Compaq Desktop computers D330 P IV with 15" colour monitor, speaker, head phone GR# 1860/26.05.04 NOS.4	Exclusion	1.79	01-08-2004	1.79	2015-16	COMPUTERS
34	411801 HP Compaq Desktop computers D330 P IV with col. monitor, speaker, head phone GR# 1996/03.05.04 6 NOS	Exclusion	2.78	01-05-2004	2.75	2015-16	COMPUTERS
35	411801 LAPTOP/NOTEBOOK COMPUTER, MES2007100006, 18.07.06	Exclusion	0.55	18-07-2006	0.53	2015-16	COMPUTERS
36	411803 PRINTER EPSON LQ-2070 GR NO. 066 DT.25.8.01	Exclusion	0.18	01-12-2001	0.18	2015-16	PRINTERS
37	411803 PRINTER EPSON LQ-2070 GR NO. 066 DT.25.8.01	Exclusion	0.18	01-12-2001	0.18	2015-16	PRINTERS
38	411803 PRINTER, HP 1180C, INKJET gr No:-2416 dtd 07-02-05	Exclusion	0.18	01-03-2005	0.18	2015-16	PRINTERS
39	411803 PRINTER HP LASERJET 1100A GR # 071 DT. 29.08.01	Exclusion	0.28	01-05-2002	0.28	2015-16	PRINTERS
40	411804 UPS	Exclusion	0.13	01-03-1999	0.13	2015-16	OTHER EDP EQUIPMENTS
41	411804 UPS 650V OFF LINE, GR NO. 066 DT.25.8.01	Exclusion	0.08	01-12-2001	0.08	2015-16	OTHER EDP EQUIPMENTS
42	411902 Cordless Telephone (Sony) MES2007100013, 06.09.07	Exclusion	0.06	06-09-2007	0.06	2015-16	TELEPHONE TELEX MACHINES
43	411902 COMPUTER WORLD, SRINAGAR, Fax Machine GR NO MES2006100011, 30.08.06	Exclusion	0.11	01-09-2006	0.04	2015-16	TELEPHONE TELEX MACHINES
44	411903 KENWOOD MAKE HAND HELD SETS MODEL TK 2107 6 NOS	Exclusion	0.69	02-08-2002	0.40	2015-16	INTERIOR COMMUNICATION EQUIPMENTS
45	412011 GODREJ REFRIGERATOR COLD GOLD 300 LTR	Exclusion	0.07	01-04-1991	0.07	2015-16	AIR COOLERS/WATER COOLERS/FANS
46	412011 WHIRLPOOL REFRIGRATOR, 260 LTRS, MODEL ELITE GR NO-2408 DTD 27-01-05	Exclusion	0.13	01-02-2005	0.06	2015-16	AIR COOLERS/WATER COOLERS/FANS
47	412020 ABC Store Pressure Type Fire Extinguisher 03KG Cap. 12 NOS	Exclusion	0.64	01-04-2004	0.64	2015-16	OTHER OFFICE EQUIPMENTS
48	412020 5 KVA VOLTAGE STABILISER GR NO. 4259 DT. 3.3.95	Exclusion	0.08	01-06-1995	0.08	2015-16	OTHER OFFICE EQUIPMENTS
49	412020 AQUA GUARD HIFLO WATER PURIFIER GLS2008100036 FEB09	Exclusion	0.09	27-02-2009	0.03	2015-16	OTHER OFFICE EQUIPMENTS
50	412020 EURO CLEAN JET ELECTRONIC VACUUM CLEANER GR NO MES2006100012, 30.08.06	Exclusion	0.07	01-08-2006	0.07	2015-16	OTHER OFFICE EQUIPMENTS
51	412501 DB meter 67 Channel Make Sharp	Exclusion	0.08	01-08-2004	0.08	2015-16	TELEVISIONS/MUSIC SYSTEMS OTHER THAN FOR OFFICE, PROJECTORS, AUDIO VISUALS EQUIPMENTS
52	412501 12 CHANNEL COMBINER	Exclusion	0.07	01-11-1998	0.06	2015-16	TELEVISIONS/MUSIC SYSTEMS OTHER THAN FOR OFFICE, PROJECTORS, AUDIO VISUALS EQUIPMENTS
53	412501 ONIDA CTV	Exclusion	0.10	01-03-1992	0.10	2015-16	TELEVISIONS/MUSIC SYSTEMS OTHER THAN FOR OFFICE, PROJECTORS, AUDIO VISUALS EQUIPMENTS
54	412501 BPL COLOR TV 51 CM GR NO. 5419 DT. 25.7.95	Exclusion	0.11	25-07-1995	0.11	2015-16	TELEVISIONS/MUSIC SYSTEMS OTHER THAN FOR OFFICE, PROJECTORS, AUDIO VISUALS EQUIPMENTS



Sl. No.	Name of the Asset	Nature of de-capitalization (whether claimed under exclusion or as additional capital expenditure)	Original Value of the Asset De-Capitalised	Year Put to use	Depreciation recovered till date of De-capitalization	Year of De-capitalization	Remarks
55	412501 HPL SANYO COLOUR TV 21" GR NO. 5330	Exclusion	0.18	01-09-1995	0.18	2015-16	TELEVISIONS/MUSIC SYSTEMS OTHER THAN FOR OFFICE, PROJECTORS, AUDIO VISUALS EQUIPMENTS
56	412501 LG 14" Colour TV GR. NO.1990 dt.21.04.2004	Exclusion	0.07	01-08-2004	0.07	2015-16	TELEVISIONS/MUSIC SYSTEMS OTHER THAN FOR OFFICE, PROJECTORS, AUDIO VISUALS EQUIPMENTS
57	412501 LG 14" Colour TV GR. NO.1990 dt.21.04.2004	Exclusion	0.07	01-08-2004	0.07	2015-16	TELEVISIONS/MUSIC SYSTEMS OTHER THAN FOR OFFICE, PROJECTORS, AUDIO VISUALS EQUIPMENTS
58	412501 LG 14" Colour TV GR. NO.1990 dt.21.04.2004	Exclusion	0.07	01-08-2004	0.07	2015-16	TELEVISIONS/MUSIC SYSTEMS OTHER THAN FOR OFFICE, PROJECTORS, AUDIO VISUALS EQUIPMENTS
59	412501 LG 14" Colour TV GR. NO.1990 dt.21.04.2004	Exclusion	0.07	01-08-2004	0.07	2015-16	TELEVISIONS/MUSIC SYSTEMS OTHER THAN FOR OFFICE, PROJECTORS, AUDIO VISUALS EQUIPMENTS
60	412501 LG COLOUR TV WITH STABILISER	Exclusion	0.10	01-06-1992	0.10	2015-16	TELEVISIONS/MUSIC SYSTEMS OTHER THAN FOR OFFICE, PROJECTORS, AUDIO VISUALS EQUIPMENTS
61	412501 C BAND DISH ANTENNA	Exclusion	0.07	01-09-1995	0.07	2015-16	TELEVISIONS/MUSIC SYSTEMS OTHER THAN FOR OFFICE, PROJECTORS, AUDIO VISUALS EQUIPMENTS
62	412502 ELECTRONIC WEIGHING MACHINE 300GMS CAPACITY 001GM LEAST COUNT GR-MES2005100005, 11/08/05	Exclusion	0.79	01-09-2005	0.35	2015-16	LABORATORY TESTING AND METER TESTING EQUIPMENTS
63	412801 EASY CHAIRS	Exclusion	0.01	01-02-1998	0.01	2015-16	FIXED ASSETS OF MINOR VALUE >750
64	412801 EASY CHAIRS	Exclusion	0.01	01-02-1998	0.01	2015-16	FIXED ASSETS OF MINOR VALUE >750
65	412801 EASY CHAIRS, 1ST CLASS HARD WOOD, GR NO:-2409 DTD 27-01-05	Exclusion	0.02	13-01-2005	0.02	2015-16	FIXED ASSETS OF MINOR VALUE >750
66	412801 EASY CHAIRS, 1ST CLASS HARD WOOD, GR NO:-2409 DTD 27-01-05	Exclusion	0.02	13-01-2005	0.02	2015-16	FIXED ASSETS OF MINOR VALUE >750
67	412801 EASY CHAIRS, 1ST CLASS HARD WOOD, GR NO:-2409 DTD 27-01-05	Exclusion	0.02	13-01-2005	0.02	2015-16	FIXED ASSETS OF MINOR VALUE >750
68	412801 EASY CHAIRS, 1ST CLASS HARD WOOD, GR NO:-2409 DTD 27-01-05	Exclusion	0.02	13-01-2005	0.02	2015-16	FIXED ASSETS OF MINOR VALUE >750
69	412801 EASY CHAIRS, 1ST CLASS HARD WOOD, GR NO:-2409 DTD 27-01-05	Exclusion	0.02	13-01-2005	0.02	2015-16	FIXED ASSETS OF MINOR VALUE >750
70	412801 EASY CHAIRS, 1ST CLASS HARD WOOD, GR NO:-2409 DTD 27-01-05	Exclusion	0.02	13-01-2005	0.02	2015-16	FIXED ASSETS OF MINOR VALUE >750
71	412801 CHAIR 1018 GODREJ	Exclusion	0.01	01-08-2002	0.01	2015-16	FIXED ASSETS OF MINOR VALUE >750
72	412801 CHAIR 1018 GODREJ	Exclusion	0.01	01-08-2002	0.01	2015-16	FIXED ASSETS OF MINOR VALUE >750
73	412801 CHAIR 1018 GODREJ	Exclusion	0.01	01-08-2002	0.01	2015-16	FIXED ASSETS OF MINOR VALUE >750
74	412801 CHAIR 1018 GODREJ	Exclusion	0.01	01-08-2002	0.01	2015-16	FIXED ASSETS OF MINOR VALUE >750
75	412801 CHAIR 1018 GODREJ	Exclusion	0.01	01-08-2002	0.01	2015-16	FIXED ASSETS OF MINOR VALUE >750
76	412801 CHAIR 18-C	Exclusion	0.02	01-11-1999	0.02	2015-16	FIXED ASSETS OF MINOR VALUE >750
77	412801 CHAIR 18-C	Exclusion	0.02	01-11-1999	0.02	2015-16	FIXED ASSETS OF MINOR VALUE >750
78	412801 CHAIR CH-4 GODREJ, GR NO.501 OF 26.9.98	Exclusion	0.01	01-09-1998	0.01	2015-16	FIXED ASSETS OF MINOR VALUE >750
79	412801 CHAIR HIGH BACK	Exclusion	0.02	01-03-1999	0.02	2015-16	FIXED ASSETS OF MINOR VALUE >750
80	412801 CHAIR HIGH BACK	Exclusion	0.02	01-03-1999	0.02	2015-16	FIXED ASSETS OF MINOR VALUE >750
81	412801 GODREJ CHAIRS GRACI, GR-2512	Exclusion	0.01	29-03-2005	0.01	2015-16	FIXED ASSETS OF MINOR VALUE >750
82	412801 GODREJ CHAIRS GRACI, GR-2512	Exclusion	0.01	29-03-2005	0.01	2015-16	FIXED ASSETS OF MINOR VALUE >750
83	412801 GODREJ CHAIRS GRACI, GR-2512	Exclusion	0.01	29-03-2005	0.01	2015-16	FIXED ASSETS OF MINOR VALUE >750
84	412801 GODREJ CHAIRS GRACI, GR-2512	Exclusion	0.01	29-03-2005	0.01	2015-16	FIXED ASSETS OF MINOR VALUE >750
85	412801 GODREJ CHAIRS GRACI, GR-2512	Exclusion	0.01	29-03-2005	0.01	2015-16	FIXED ASSETS OF MINOR VALUE >750
86	412801 GODREJ CHAIR CH-4	Exclusion	0.01	01-03-1998	0.01	2015-16	FIXED ASSETS OF MINOR VALUE >750
87	412801 GODREJ CHAIR CH-4	Exclusion	0.01	01-03-1998	0.01	2015-16	FIXED ASSETS OF MINOR VALUE >750
88	412801 GODREJ CHAIR CH-4	Exclusion	0.01	01-03-1998	0.01	2015-16	FIXED ASSETS OF MINOR VALUE >750
89	412801 GODREJ CHAIR CH-4	Exclusion	0.01	01-03-1998	0.01	2015-16	FIXED ASSETS OF MINOR VALUE >750
90	412801 GODREJ CHAIR CH-4	Exclusion	0.01	01-03-1998	0.01	2015-16	FIXED ASSETS OF MINOR VALUE >750
91	412801 GODREJ CHAIR CH-7MES2007100030	Exclusion	0.02	31-03-2008	0.02	2015-16	FIXED ASSETS OF MINOR VALUE >750
92	412801 GODREJ CHAIR PCII-7003	Exclusion	0.04	12-03-1999	0.04	2015-16	FIXED ASSETS OF MINOR VALUE >750



79

Sl. No.	Name of the Asset	Nature of de-capitalization (whether claimed under exclusion or as additional capital expenditure)	Original Value of the Asset De-Capitalised	Year Put to use	Depreciation recovered till date of De-capitalization	Year of De-capitalisation	Remarks
93	412801 GODREJ CHAIR PC11-7003, GR NO 1434 DT 22 10 98 13 NOS	Exclusion	0.46	01-10-1998	0.45	2015-16	FIXED ASSETS OF MINOR VALUE >750
94	412801 VISITOR CHAIR MODEL C11 1007 MES2007100030 31 03 08	Exclusion	0.02	31-03-2008	0.02	2015-16	FIXED ASSETS OF MINOR VALUE >750
95	412801 VISITOR CHAIR MODEL C11 1007 MES2007100030 31 03 08	Exclusion	0.02	31-03-2008	0.02	2015-16	FIXED ASSETS OF MINOR VALUE >750
96	412801 WARDROBE	Exclusion	0.02	01-02-1998	0.02	2015-16	FIXED ASSETS OF MINOR VALUE >750
97	412801 DINNING TABLE, GR NO 4361 & 4363 DT 6 3 99	Exclusion	0.03	01-03-1999	0.03	2015-16	FIXED ASSETS OF MINOR VALUE >750
98	412801 DINNING TABLE, GR NO 4361 & 4363 DT 6 3 99	Exclusion	0.03	01-03-1999	0.03	2015-16	FIXED ASSETS OF MINOR VALUE >750
99	412801 GODREJ DINNING TABLE T-401 CODE 3421	Exclusion	0.04	01-03-1999	0.04	2015-16	FIXED ASSETS OF MINOR VALUE >750
100	412801 GODREJ DINNING TABLE T-401 CODE 3421	Exclusion	0.04	01-03-1999	0.04	2015-16	FIXED ASSETS OF MINOR VALUE >750
101	412801 GODREJ DINNING TABLE T-401 CODE 3421	Exclusion	0.04	01-03-1999	0.04	2015-16	FIXED ASSETS OF MINOR VALUE >750
102	412801 GODREJ DINNING TABLE T-401 CODE 3421	Exclusion	0.04	01-03-1999	0.04	2015-16	FIXED ASSETS OF MINOR VALUE >750
103	412801 TABLE EXECUTIVE	Exclusion	0.03	01-02-1998	0.03	2015-16	FIXED ASSETS OF MINOR VALUE >750
104	412801 TABLE EXECUTIVE	Exclusion	0.03	01-02-1998	0.03	2015-16	FIXED ASSETS OF MINOR VALUE >750
105	412801 INTEGRATED W.STATION GR NO. 2874, 2856 & 2853 DT 29 11 2001, 1 12 2K & 28 11 2K	Exclusion	0.05	01-03-2001		2015-16	FIXED ASSETS OF MINOR VALUE >750
106	412801 PRINTER DESK	Exclusion	0.05	01-11-1999	0.05	2015-16	FIXED ASSETS OF MINOR VALUE >750
107	412801 WORKING/WRTING DESK 8 nos	Exclusion	0.07	01-08-2000	0.07	2015-16	FIXED ASSETS OF MINOR VALUE >750
108	412801 HEAT CONVECTOR CH-15, 7 nos	Exclusion	0.15	01-02-1999	0.15	2015-16	FIXED ASSETS OF MINOR VALUE >750
109	412801 ABC Store Pressure Type Fire Extinguisher 02 KG Cap. GR NO. 1882 dt 18 06 2004 10 nos	Exclusion	0.34	29-07-2004	0.34	2015-16	FIXED ASSETS OF MINOR VALUE >750
110	412801 VOLTAGE STABILIZER 0.7KVA, FOR REFRIGRATOR, S NO.-INA042603341	Exclusion	0.01	13-01-2005	0.01	2015-16	FIXED ASSETS OF MINOR VALUE >750
111	412801 CVT 250 VAL COM MAKE	Exclusion	0.03	01-03-1998	0.03	2015-16	FIXED ASSETS OF MINOR VALUE >750
112	412801 BATTERY CHARGER 24 VOLT - 15AMP BHARAT MAKE # GR # 653/17/06/2002	Exclusion	0.05	01-07-2002	0.05	2015-16	FIXED ASSETS OF MINOR VALUE >750
113	412801 625 VA UPS CLASSIC MAKE	Exclusion	0.04	01-03-1999	0.04	2015-16	FIXED ASSETS OF MINOR VALUE >750
114	412801 UPS 750 VA WITH INTERNAL BATTERY GR No:- ELS2005100027 JAN-06	Exclusion	0.03	01-01-2006	0.03	2015-16	FIXED ASSETS OF MINOR VALUE >750
115	412801 UPS LUMINOUS 800VA	Exclusion	0.04	09-01-2011	0.04	2015-16	FIXED ASSETS OF MINOR VALUE >750
116	412801 UPS LUMINOUS 800VA	Exclusion	0.04	09-01-2011	0.04	2015-16	FIXED ASSETS OF MINOR VALUE >750
117	412801 UPS MICROTEK (800VA) DOUBLE BATTERY (SINGLE PC)	Exclusion	0.03	12-12-2012	0.03	2015-16	FIXED ASSETS OF MINOR VALUE >750
118	412801 TOSHIBA CANDLES PHASE, GR#187 DT 11 12 01	Exclusion	0.03	01-01-2002	0.03	2015-16	FIXED ASSETS OF MINOR VALUE >750
119	412801 TOSHIBA CANDLES PHASE, GR#187 DT 11 12 01	Exclusion	0.03	01-01-2002	0.03	2015-16	FIXED ASSETS OF MINOR VALUE >750
120	412801 TOSHIBA CANDLES PHASE, GR#187 DT 11 12 01	Exclusion	0.03	01-01-2002	0.03	2015-16	FIXED ASSETS OF MINOR VALUE >750
121	412801 CORDLESS TELEPHONE WITH SINGLE CHANNEL, GR NO ELS2006100023 DTD 13-SEP-2006	Exclusion	0.03	01-09-2006	0.03	2015-16	FIXED ASSETS OF MINOR VALUE >750
122	412801 HP Desk Jet Printer 3650, GR#1678 DT 27 11 2003	Exclusion	0.04	01-12-2003	0.04	2015-16	FIXED ASSETS OF MINOR VALUE >750
123	412801 PRINTER HP DJ INK ADVANTAGE K109A	Exclusion	0.05	29-06-2011	0.05	2015-16	FIXED ASSETS OF MINOR VALUE >750
124	412801 WALL MOUNTED SPEAKERS MODE WS-664T GR No:- MES2005100010 28/11/2005	Exclusion	0.01	01-12-2005	0.01	2015-16	FIXED ASSETS OF MINOR VALUE >750
125	412801 ACETELINE GAS CYLINDER	Exclusion	0.01	01-03-1998	0.01	2015-16	FIXED ASSETS OF MINOR VALUE >750
126	412801 ACETELINE GAS CYLINDER	Exclusion	0.01	01-03-1998	0.01	2015-16	FIXED ASSETS OF MINOR VALUE >750
127	412801 ACETELINE GAS CYLINDER	Exclusion	0.01	01-03-1998	0.01	2015-16	FIXED ASSETS OF MINOR VALUE >750
128	412801 OXYGEN GAS CYLINDER	Exclusion	0.08	01-03-1998	0.08	2015-16	FIXED ASSETS OF MINOR VALUE >750
129	412801 Weight stand MES2007100028	Exclusion	0.03	18-03-2008	0.03	2015-16	FIXED ASSETS OF MINOR VALUE >750
130	412801 ELECTRICAL FLACK SUNFLAME	Exclusion	0.01	16-12-2008	0.01	2015-16	FIXED ASSETS OF MINOR VALUE >750
131	412801 GEYSERS 35 LTR CAP. RACOLD ALTRO MODEL, GR#1975 DT 31 03 2004 5 nos	Exclusion	0.20	01-03-2004	0.20	2015-16	FIXED ASSETS OF MINOR VALUE >750
132	412801 GYSER PORTABLE 35 LTRS, GR No:-MES2005100019 MAR-06 10 nos	Exclusion	0.48	01-03-2006	0.48	2015-16	FIXED ASSETS OF MINOR VALUE >750
133	411801 MOTOROLA XOOM TABLET-MZ601-WIFI+3G	Exclusion	0.35	01-02-2012	0.33	2015-16	COMPUTERS
134	411801 LAPTOP COMPUTER-ACER TRAVEL MATE TM 4740	Exclusion	0.40	22-09-2011	0.38	2015-16	COMPUTERS
135	412201 NAVEEN AKSHAR SOFTWARE ELS2008100044	Exclusion	0.16	21-04-2009	0.16	2015-16	INTANGIBLE ASSETS-COMPUTER SOFTWARE

Sub Total Deletion 2015-16	115.65
Claimed deletion	7.46
Deletion under Exclusion	108.18

Assumed Deletion 2015-16

1	411507	TELCO TATA LP 1512 TL/S BUS, GR NO 5000	Claimed	10.68	01-11-2001		2016-17	Replacement value of item no. A4 Actual deletion in F.Y. 2016-17 ref Sl.No.168
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80

Sl. No.	Name of the Asset	Nature of de-capitalization (whether claimed under exclusion or as additional capital expenditure)	Original Value of the Asset De-Capitalised	Year Put to use	Depreciation recovered till date of De-capitalization	Year of De-capitalisation	Remarks
1	2	3	4	5	6		
2	411109 18 TON ESCORTS CRANE	Claimed	1.06	01-12-1990	0.12	2018-19	Replacement value of item no.B 9. Actual deletion in F.Y. 2018-19 ref SI No 13
3	410701 410701 / Modification / Upgradation of existing Turbine Governor and Excitation System of Uri Power Station	Claimed	132.28	31-05-1997	94.33	2015-16	Claimed in year 2015-16 at SI No 7.
Sub Total Assumed Deletion 2015-16			144.02				
Total Assets De-Capitalised in 2015-16			259.67				
Assumed Deletion			144.02				
Deletion claimed(Including assumed)			151.49				

		FY - 2016-17					
1	410714	CABLE DSTK165	Exclusion	0.09	17-05-2012	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
2	410714	CABLE DSTK165	Exclusion	0.09	17-05-2012	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
3	410714	CABLE DSTK165	Exclusion	0.09	17-05-2012	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
4	410714	CABLE DSTK165	Exclusion	0.09	17-05-2012	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
5	410714	CABLE DSTK165	Exclusion	0.09	17-05-2012	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
6	410714	CABLE DSTK165	Exclusion	0.09	17-05-2012	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
7	410714	CABLE DSTK165	Exclusion	0.09	17-05-2012	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
8	410714	CABLE DSTK165	Exclusion	0.09	17-05-2012	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
9	410714	CABLE DSTK165	Exclusion	0.09	17-05-2012	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
10	410714	CABLE DSTK165	Exclusion	0.09	17-05-2012	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
11	410714	GEAR FOR 13.8 KV FIELD BREAKER FOR URI-I PS	Exclusion	0.04	23-06-2014	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
12	410714	GEAR FOR 13.8 KV FIELD BREAKER FOR URI-I PS	Exclusion	0.04	23-06-2014	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
13	410714	GEAR FOR 13.8 KV FIELD BREAKER FOR URI-I PS	Exclusion	0.04	23-06-2014	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
14	410714	GEAR FOR 13.8 KV FIELD BREAKER FOR URI-I PS	Exclusion	0.04	23-06-2014	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
15	410714	DISCHARGE GAS THERMOSTAT OF 301R225 CHILLING PLANT	Exclusion	0.17	09-07-2014	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
16	410714	PROM module for MP200 QMP260 5730032-ED	Exclusion	2.90	31-12-2006	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
17	410714	PROM module for MP850 QMV800 5730032-EG	Exclusion	3.10	31-12-2006	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
18	410714	DISPLAY COUNTER TYPE 635	Exclusion	0.19	26-10-2012	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
19	410714	DISPLAY COUNTER TYPE 635	Exclusion	0.19	26-10-2012	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
20	410714	DISPLAY COUNTER TYPE 635	Exclusion	0.19	26-10-2012	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
21	410714	DISPLAY COUNTER TYPE 635	Exclusion	0.19	26-10-2012	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
22	410714	DISPLAY COUNTER TYPE 635	Exclusion	0.19	26-10-2012	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
23	410714	DISPLAY COUNTER TYPE 635	Exclusion	0.19	26-10-2012	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
24	410714	DISPLAY COUNTER TYPE 635	Exclusion	0.19	26-10-2012	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
25	410714	DISPLAY COUNTER TYPE 635	Exclusion	0.19	26-10-2012	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
26	410714	DISPLAY COUNTER TYPE 635	Exclusion	0.19	26-10-2012	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
27	410714	DISPLAY COUNTER TYPE 635	Exclusion	0.19	26-10-2012	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
28	410714	DISPLAY COUNTER TYPE 635	Exclusion	0.19	26-10-2012	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
29	410714	DISPLAY COUNTER TYPE 635	Exclusion	0.19	26-10-2012	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
30	410714	DISPLAY COUNTER TYPE 635	Exclusion	0.19	26-10-2012	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY



2

81

Sl. No.	Name of the Asset		Nature of de-capitalization (whether claimed under exclusion or as additional capital expenditure)	Original Value of the Asset De-Capitalised	Year Put to use	Depreciation recovered till date of De-capitalization	Year of De-capitalisation	Remarks
1	2		3	4	5	6		
31	410714	DISPLAY COUNTER TYPE 635	Exclusion	0.19	26-10-2012	*	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
32	410714	DISPLAY COUNTER TYPE 635	Exclusion	0.19	26-10-2012	*	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
33	410714	DISPLAY COUNTER TYPE 635	Exclusion	0.19	26-10-2012	*	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
34	410714	DISPLAY COUNTER TYPE 635	Exclusion	0.19	26-10-2012	*	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
35	410714	DISPLAY COUNTER TYPE 635	Exclusion	0.19	26-10-2012	*	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
36	410714	DISPLAY COUNTER TYPE 635	Exclusion	0.19	26-10-2012	*	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
37	410714	DISPLAY COUNTER TYPE 635	Exclusion	0.19	26-10-2012	*	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
38	410714	DISPLAY COUNTER TYPE 635	Exclusion	0.19	26-10-2012	*	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
39	410714	DISPLAY COUNTER TYPE 635	Exclusion	0.19	26-10-2012	*	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
40	410714	DISPLAY COUNTER TYPE 635	Exclusion	0.19	26-10-2012	*	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
41	410714	MCB FOR VT (T15 AND T 25)	Exclusion	0.05	26-10-2012	*	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
42	410714	MCB FOR VT (T15 AND T 25)	Exclusion	0.05	26-10-2012	*	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
43	410714	MCB FOR VT (T15 AND T 25)	Exclusion	0.05	26-10-2012	*	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
44	410714	MCB FOR VT (T15 AND T 25)	Exclusion	0.05	26-10-2012	*	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
45	410714	MCB FOR VT (T15 AND T 25)	Exclusion	0.05	26-10-2012	*	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
46	410714	COAXIAL PLUG ASSEMBLED SIZE 3	Exclusion	0.23	26-10-2012	*	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
47	410714	RETROFIT MODULE PUSH ON CONTACT REINFORC.	Exclusion	0.20	26-10-2012	*	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
48	410714	RETROFIT MODULE PUSH ON CONTACT REINFORC.	Exclusion	0.20	26-10-2012	*	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
49	410714	RETROFIT MODULE PUSH ON CONTACT REINFORC.	Exclusion	0.20	26-10-2012	*	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
50	410714	RETROFIT MODULE PUSH ON CONTACT REINFORC.	Exclusion	0.20	26-10-2012	*	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
51	410714	RETROFIT MODULE PUSH ON CONTACT REINFORC.	Exclusion	0.20	26-10-2012	*	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
52	410714	RETROFIT MODULE PUSH ON CONTACT REINFORC.	Exclusion	0.20	26-10-2012	*	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
53	410714	RETROFIT MODULE PUSH ON CONTACT REINFORC.	Exclusion	0.20	26-10-2012	*	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
54	410714	RETROFIT MODULE PUSH ON CONTACT REINFORC.	Exclusion	0.20	26-10-2012	*	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
55	410714	RETROFIT MODULE PUSH ON CONTACT REINFORC.	Exclusion	0.20	26-10-2012	*	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
56	410714	RETROFIT MODULE PUSH ON CONTACT REINFORC.	Exclusion	0.20	26-10-2012	*	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
57	410714	RETROFIT MODULE PUSH ON CONTACT REINFORC.	Exclusion	0.20	26-10-2012	*	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
58	410714	RETROFIT MODULE PUSH ON CONTACT REINFORC.	Exclusion	0.20	26-10-2012	*	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
59	410714	RETROFIT MODULE PUSH ON CONTACT REINFORC.	Exclusion	0.20	26-10-2012	*	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
60	410714	RETROFIT MODULE PUSH ON CONTACT REINFORC.	Exclusion	0.20	26-10-2012	*	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
61	410714	RETROFIT MODULE PUSH ON CONTACT REINFORC.	Exclusion	0.20	26-10-2012	*	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
62	410714	RETROFIT MODULE PUSH ON CONTACT REINFORC.	Exclusion	0.20	26-10-2012	*	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
63	410714	RETROFIT MODULE PUSH ON CONTACT REINFORC.	Exclusion	0.20	26-10-2012	*	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
64	410714	RETROFIT MODULE PUSH ON CONTACT REINFORC.	Exclusion	0.20	26-10-2012	*	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
65	410714	RETROFIT MODULE PUSH ON CONTACT REINFORC.	Exclusion	0.20	26-10-2012	*	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY



82

Sl. No.	Name of the Asset		Nature of de-capitalization (whether claimed under exclusion or as additional capital expenditure)	Original Value of the Asset De-Capitalized	Year Put to use	Depreciation recovered till date of De-capitalization	Year of De-capitalisation	Remarks
1	2		3	4	5	6		
101	410714	RETROFIT MODULE PUSH ON CONTACT REINFORC	Exclusion	0.20	26-10-2012	-	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
102	410714	RETROFIT MODULE PUSH ON CONTACT REINFORC	Exclusion	0.20	26-10-2012	-	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
103	410714	RETROFIT MODULE PUSH ON CONTACT REINFORC	Exclusion	0.20	26-10-2012	-	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
104	410714	RETROFIT MODULE PUSH ON CONTACT REINFORC	Exclusion	0.20	26-10-2012	-	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
105	410714	RETROFIT MODULE PUSH ON CONTACT REINFORC	Exclusion	0.20	26-10-2012	-	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
106	410714	RETROFIT MODULE PUSH ON CONTACT REINFORC	Exclusion	0.20	26-10-2012	-	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
107	410714	RETROFIT MODULE PUSH ON CONTACT REINFORC	Exclusion	0.20	26-10-2012	-	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
108	410714	RETROFIT MODULE PUSH ON CONTACT REINFORC	Exclusion	0.20	26-10-2012	-	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
109	410714	RETROFIT MODULE PUSH ON CONTACT REINFORC	Exclusion	0.20	26-10-2012	-	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
110	410714	RETROFIT MODULE PUSH ON CONTACT REINFORC	Exclusion	0.20	26-10-2012	-	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
111	410714	RETROFIT MODULE PUSH ON CONTACT REINFORC	Exclusion	0.20	26-10-2012	-	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
112	410714	RETROFIT MODULE PUSH ON CONTACT REINFORC	Exclusion	0.20	26-10-2012	-	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
113	410714	RETROFIT MODULE PUSH ON CONTACT REINFORC	Exclusion	0.20	26-10-2012	-	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
114	410714	RETROFIT MODULE PUSH ON CONTACT REINFORC	Exclusion	0.20	26-10-2012	-	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
115	410714	RETROFIT MODULE PUSH ON CONTACT REINFORC	Exclusion	0.20	26-10-2012	-	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
116	410714	RETROFIT MODULE PUSH ON CONTACT REINFORC	Exclusion	0.20	26-10-2012	-	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
117	410714	RETROFIT MODULE PUSH ON CONTACT REINFORC	Exclusion	0.20	26-10-2012	-	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
118	410714	RETROFIT MODULE PUSH ON CONTACT REINFORC	Exclusion	0.20	26-10-2012	-	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
119	410714	RETROFIT MODULE PUSH ON CONTACT REINFORC	Exclusion	0.20	26-10-2012	-	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
120	410714	RETROFIT MODULE PUSH ON CONTACT REINFORC	Exclusion	0.20	26-10-2012	-	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
121	410714	RETROFIT MODULE PUSH ON CONTACT REINFORC	Exclusion	0.20	26-10-2012	-	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
122	410714	RUPTURE DISC 750KPA/E-FLA/900 ID PREASS	Exclusion	1.94	26-10-2012	-	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
123	410714	ELK XC 1150KPA RUPTURE DISK PREASSEMBLED	Exclusion	1.71	26-10-2012	-	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
124	410714	RUPTURE DISC 750KPA/E-FLA/900 ID PREASS	Exclusion	1.94	26-10-2012	-	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
125	410714	ELK XC 1150KPA RUPTURE DISK PREASSEMBLED	Exclusion	1.71	26-10-2012	-	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
126	410714	Repair kit for pilot filter GR NO GPM2006100004,May-06	Exclusion	0.74	31-05-2006	-	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
127	410714	Surge Counter	Exclusion	0.20	01-12-2004	-	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
128	410714	Power Transducer Type:PQ300-0544,Input 110V,1A,50HZ,	Exclusion	0.54	12-08-2009	-	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
129	410714	Power Transducer Type:PQ300-0544,Input 110V,1A,50HZ,	Exclusion	0.54	12-08-2009	-	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
130	410714	Active Power Transducer, Type:P400-113,Input:110V,5A,50HZ,	Exclusion	0.45	12-08-2009	-	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
131	410714	Reactive Power Transducer, Type:Q400-113,Input:110V,5A,50HZ	Exclusion	0.45	12-08-2009	-	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
132	410714	Frequency Transducer, Type:F400L-154,Input:63.5V,	Exclusion	0.27	12-08-2009	-	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
133	410714	Frequency Transducer, Type:F400L-154,Input:63.5V,	Exclusion	0.27	12-08-2009	-	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
134	410714	ELECTRONIC CARD 2304,23-32V	Exclusion	1.45	03-03-2003	-	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
135	410714	ELECTRONIC CARD 2305,23-32 V	Exclusion	1.06	03-03-2003	-	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY



284

Sl. No.	Name of the Asset	Nature of de-capitalization (whether claimed under exclusion or as additional capital expenditure)	Original Value of the Asset De-Capitalised	Year Put to use	Depreciation recovered till date of De-capitalization	Year of De-capitalisation	Remarks
136	410714 ELECTRONIC CARD 2305,23-32 V	Exclusion	1.06	03-03-2003	-	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
137	410714 ELECTRONIC CARD 2308,23-32V	Exclusion	1.23	03-03-2003	-	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
138	410714 ELECTRONIC CARD 2308,23-32V	Exclusion	1.23	03-03-2003	-	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
139	410714 ELECTRONIC CARD 2308,23-32V	Exclusion	1.23	03-03-2003	-	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
140	410714 ELECTRONIC CARD 2308,23-32V	Exclusion	1.23	03-03-2003	-	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
141	410714 ELECTRONIC CARD 2318,23-32V DC	Exclusion	1.20	03-03-2003	-	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
142	410714 ELECTRONIC CARD 2318,23-32V DC	Exclusion	1.20	03-03-2003	-	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
143	410714 ELECTRONIC CARD 2318,23-32V DC	Exclusion	1.20	03-03-2003	-	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
144	410714 ELECTRONIC CARD 6KZMISSJ	Exclusion	0.28	03-03-2003	-	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
145	410714 ELECTRONIC CARD CE 04	Exclusion	0.05	03-03-2003	-	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
146	410714 ELECTRONIC CARD CE 04	Exclusion	0.05	03-03-2003	-	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
147	410714 ELECTRONIC CARD CON 02 ISSD	Exclusion	0.28	03-03-2003	-	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
148	410714 ELECTRONIC CARD CON 02 ISSD	Exclusion	0.28	03-03-2003	-	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
149	410714 ELECTRONIC CARD FP 0315SEA	Exclusion	0.21	03-03-2003	-	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
150	410714 ELECTRONIC CARD K3 01 ISSR	Exclusion	0.45	03-03-2003	-	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
151	410714 ELECTRONIC CARD K3 01 ISSR	Exclusion	0.45	03-03-2003	-	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
152	410714 ELECTRONIC CARD PF 04 ISSEA	Exclusion	0.13	03-03-2003	-	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
153	410714 ELECTRONIC CARD PF 04 ISSEA	Exclusion	0.13	03-03-2003	-	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
154	410714 ELECTRONIC CARD SB 02 ISSB	Exclusion	0.16	03-03-2003	-	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
155	410714 ELECTRONIC CARD SD 02 ISSD	Exclusion	0.16	03-03-2003	-	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
156	410714 POWER SUPPLY CARD BMRR 00501	Exclusion	1.01	31-12-2006	-	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
157	410714 PROTECTION TRANSMITTER PTX 1 ZHTR 52402	Exclusion	0.57	31-12-2006	-	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
158	410714 Cable DSTK 176	Exclusion	0.38	31-12-2006	-	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
159	410714 Cable DSTK 200	Exclusion	0.27	31-12-2006	-	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
160	410714 REGULAR UNIT	Exclusion	12.26	03-03-2003	-	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
161	410714 TURBINE LUBE OIL PURIFIER, CAPACITY 1000 LITER / HOUR	Exclusion	3.75	03-10-2015	-	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
162	410714 TURBINE LUBE OIL PURIFIER, CAPACITY 1000 LITER / HOUR	Exclusion	3.75	03-10-2015	-	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
163	410714 MIV Flexible hoses GR NO GPM2006100004, May-06	Exclusion	1.25	31-05-2006	-	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
164	411201 STAR DELTA STARTER L&T MAKE	Exclusion	0.37	01-01-1999	-	2016-17	WATER SUPPLY
165	411501 AMBASSADOR CLASSIC 1800 WITH RADIAL TYRES, TG & CAT CONVECTOR CHASIS # ALA-844980, JK 05-5883	Exclusion	4.17	01-03-2002	-	2016-17	CARS
166	411501 AMBASSADOR CLASSIC 1800 WITH RADIAL TYRES, WITH BULLET PROOFING, JK 05-5576	Exclusion	8.26	01-03-2002	-	2016-17	CARS
167	411504 CHASIS # 357010941918, ENGINE # 47989-21967708, (407) REGD # JK02-9960	Exclusion	0.58	01-03-1997	-	2016-17	PICK UP VAN
168	411507 TELCO, TATA LP 1512 TL/SL BUS, JK 05 5663	Exclusion	10.68	01-11-2001	-	2016-17	Assumed deletion already claimed during 2015-16 (ref item no. 1 of -9B(I))
169	411508 TELCO, CHASIS # 3570108-13833, 3570108-13824 (407) JK01-8670	Exclusion	0.37	01-03-1992	-	2016-17	TRUCKS/TANKERS
170	411801 LAPTOP COMPUTER-ACER TRAVEL MATE	Exclusion	0.40	12-08-2011	-	2016-17	COMPUTERS
171	412008 Split Air Conditioner GR 1994 dated 01/05/2001	Exclusion	0.71	04-09-2004	-	2016-17	AIR CONDITIONERS



85

Sl. No.	Name of the Asset	Nature of de-capitalization (whether claimed under exclusion or as additional capital expenditure)	Original Value of the Asset De-Capitalised	Year Put to use	Depreciation recovered till date of De-capitalization	Year of De-capitalisation	Remarks
172	412008 Split Air Conditioner GR 1994 dated 01/05/2004	Exclusion	0.71	04-09-2004	-	2016-17	AIR CONDITIONERS
173	412011 REFRIGERATOR 286 LTR.	Exclusion	0.06	01-08-1999	-	2016-17	AIR COOLERS/WATER COOLERS/FANS
174	412013 GODREJ REFRIGERATOR ULTRA MODEL, 300 LTR.	Exclusion	0.15	01-02-1999	-	2016-17	REFRIGERATORS FOR OFFICE
175	412501 JAIN RADIO COMPANYAJIJIJA PA VHF WIRELESS MICROPHONE AWM-690VL GR, 14-Jun-06NO MES2006100003	Exclusion	0.05	01-06-2006	-	2016-17	TELEVISIONS/MUSIC SYSTEMS OTHER THAN FOR OFFICE, PROJECTORS, AUDIO VISUALS EQUIPMENTS
176	412501 JAIN RADIO COMPANYAJIJIJA PA VHF WIRELESS MICROPHONE AWM-690VL GR, 14-Jun-06NO MES2006100003	Exclusion	0.05	01-06-2006	-	2016-17	TELEVISIONS/MUSIC SYSTEMS OTHER THAN FOR OFFICE, PROJECTORS, AUDIO VISUALS EQUIPMENTS
177	412501 Digital camera 8.1 Mega Pixel, Lens with 3x optical zoom	Exclusion	0.14	24-03-2009	-	2016-17	TELEVISIONS/MUSIC SYSTEMS OTHER THAN FOR OFFICE, PROJECTORS, AUDIO VISUALS EQUIPMENTS
178	412801 GODREJ CHAIR CII-4	Exclusion	0.01	01-03-1998	-	2016-17	FIXED ASSETS OF MINOR VALUE >750
179	412801 Blower Delonghi	Exclusion	0.02	02-02-2010	-	2016-17	FIXED ASSETS OF MINOR VALUE >750
180	412801 Blower Delonghi	Exclusion	0.02	02-02-2010	-	2016-17	FIXED ASSETS OF MINOR VALUE >750
181	412801 Blower Delonghi	Exclusion	0.02	02-02-2010	-	2016-17	FIXED ASSETS OF MINOR VALUE >750
182	412801 Blower Delonghi	Exclusion	0.02	02-02-2010	-	2016-17	FIXED ASSETS OF MINOR VALUE >750
183	412801 Blower Delonghi	Exclusion	0.02	02-02-2010	-	2016-17	FIXED ASSETS OF MINOR VALUE >750
184	412801 Blower Delonghi	Exclusion	0.02	02-02-2010	-	2016-17	FIXED ASSETS OF MINOR VALUE >750
185	412801 USHA LEXUS HEATER	Exclusion	0.02	07-01-2010	-	2016-17	FIXED ASSETS OF MINOR VALUE >750
186	412801 USHA LEXUS HEATER	Exclusion	0.02	07-01-2010	-	2016-17	FIXED ASSETS OF MINOR VALUE >750
187	412801 USHA LEXUS HEATER	Exclusion	0.02	07-01-2010	-	2016-17	FIXED ASSETS OF MINOR VALUE >750
188	412801 USHA LEXUS HEATER	Exclusion	0.02	07-01-2010	-	2016-17	FIXED ASSETS OF MINOR VALUE >750
189	412801 HEAT CONVECTOR CII-15,	Exclusion	0.02	01-02-1999	-	2016-17	FIXED ASSETS OF MINOR VALUE >750
190	412801 HEAT CONVERTER (ROOM HEATER), ELS2008100033/MAR09	Exclusion	0.02	18-02-2009	-	2016-17	FIXED ASSETS OF MINOR VALUE >750
191	412801 HEAT CONVERTER (ROOM HEATER), ELS2008100033/MAR09	Exclusion	0.02	18-02-2009	-	2016-17	FIXED ASSETS OF MINOR VALUE >750
192	412801 HEAT CONVERTER (ROOM HEATER), ELS2008100033/MAR09	Exclusion	0.02	18-02-2009	-	2016-17	FIXED ASSETS OF MINOR VALUE >750
193	412801 INSECT KILLER 1.5 FT	Exclusion	0.02	02-08-2013	-	2016-17	FIXED ASSETS OF MINOR VALUE >750
194	412801 INSECT KILLER 1.5 FT	Exclusion	0.02	02-08-2013	-	2016-17	FIXED ASSETS OF MINOR VALUE >750
195	412801 ABC Store Pressure Type Fire Extinguisher 02 KG Cap. GR NO 1882 dt. 18.06.2004	Exclusion	0.03	29-07-2004	-	2016-17	FIXED ASSETS OF MINOR VALUE >750
196	412801 ABC Store Pressure Type Fire Extinguisher 02 KG Cap. GR NO 1882 dt. 18.06.2004	Exclusion	0.03	29-07-2004	-	2016-17	FIXED ASSETS OF MINOR VALUE >750
197	412801 ABC Store Pressure Type Fire Extinguisher 02 KG Cap. GR NO 1882 dt. 18.06.2004	Exclusion	0.03	29-07-2004	-	2016-17	FIXED ASSETS OF MINOR VALUE >750
198	412801 ABC Store Pressure Type Fire Extinguisher 02 KG Cap. GR NO 1882 dt. 18.06.2004	Exclusion	0.03	29-07-2004	-	2016-17	FIXED ASSETS OF MINOR VALUE >750
199	412801 ABC Store Pressure Type Fire Extinguisher 02 KG Cap. GR NO 1882 dt. 18.06.2004	Exclusion	0.03	29-07-2004	-	2016-17	FIXED ASSETS OF MINOR VALUE >750
200	412801 ABC Store Pressure Type Fire Extinguisher 02 KG Cap. GR NO 1882 dt. 18.06.2004	Exclusion	0.03	25-05-2004	-	2016-17	FIXED ASSETS OF MINOR VALUE >750
201	412801 ABC Store Pressure Type Fire Extinguisher 02 KG Cap. GR NO 1882 dt. 18.06.2004	Exclusion	0.03	25-05-2004	-	2016-17	FIXED ASSETS OF MINOR VALUE >750
202	412801 ABC Store Pressure Type Fire Extinguisher 02 KG Cap. GR NO 1882 dt. 18.06.2004	Exclusion	0.03	25-05-2004	-	2016-17	FIXED ASSETS OF MINOR VALUE >750
203	412801 ABC Store Pressure Type Fire Extinguisher 02 KG Cap. GR NO 1882 dt. 18.06.2004	Exclusion	0.03	25-05-2004	-	2016-17	FIXED ASSETS OF MINOR VALUE >750
204	412801 ABC Store Pressure Type Fire Extinguisher 02 KG Cap. GR NO 1882 dt. 18.06.2004	Exclusion	0.03	25-05-2004	-	2016-17	FIXED ASSETS OF MINOR VALUE >750
205	412801 ABC Store Pressure Type Fire Extinguisher 02 KG Cap. GR NO 1882 dt. 18.06.2004	Exclusion	0.03	25-05-2004	-	2016-17	FIXED ASSETS OF MINOR VALUE >750
206	412801 ABC Store Pressure Type Fire Extinguisher 02 KG Cap. GR NO 1882 dt. 18.06.2004	Exclusion	0.03	25-05-2004	-	2016-17	FIXED ASSETS OF MINOR VALUE >750
207	412801 ABC Store Pressure Type Fire Extinguisher 02 KG Cap. GR NO 1882 dt. 18.06.2004	Exclusion	0.03	25-05-2004	-	2016-17	FIXED ASSETS OF MINOR VALUE >750
208	412801 ABC Store Pressure Type Fire Extinguisher 02 KG Cap. GR NO 1882 dt. 18.06.2004	Exclusion	0.03	25-05-2004	-	2016-17	FIXED ASSETS OF MINOR VALUE >750
209	412801 ABC Store Pressure Type Fire Extinguisher 02 KG Cap. GR NO 1882 dt. 18.06.2004	Exclusion	0.03	25-05-2004	-	2016-17	FIXED ASSETS OF MINOR VALUE >750
210	412801 ABC Store Pressure Type Fire Extinguisher 05 KG Cap. GR NO 1882 dt. 18.06.2004	Exclusion	0.05	29-05-2004	-	2016-17	FIXED ASSETS OF MINOR VALUE >750



2

86

Sl. No.	Name of the Asset	Nature of de-capitalization (whether claimed under exclusion or as additional capital expenditure)	Original Value of the Asset De-Capitalised	Year Put to use	Depreciation recovered till date of De-capitalization	Year of De-capitalisation	Remarks
211	412801 VHF WIRELESS MICROPHONES AWM-490V2 GR NO MES2006100003	Exclusion	0.03	01-07-2006	-	2016-17	FIXED ASSETS OF MINOR VALUE >750
212	412801 *AIJUJA MIC ACM-66,ELS2007100030,3.1 08NH/UPS/E&C/2008/CAMP SRINAGAR/01*	Exclusion	0.01	28-01-2008	-	2016-17	FIXED ASSETS OF MINOR VALUE >750
213	412801 CONDENSER MICROPHONE CUM-450 GR NO MES2006100003	Exclusion	0.01	01-07-2006	-	2016-17	FIXED ASSETS OF MINOR VALUE >750
214	412801 CONDENSER MICROPHONE CUM-450 GR NO MES2006100003	Exclusion	0.01	01-07-2006	-	2016-17	FIXED ASSETS OF MINOR VALUE >750
215	412801 VHF WIRELESS MICROPHONES AWM-490V2	Exclusion	0.03	19-05-2011	-	2016-17	FIXED ASSETS OF MINOR VALUE >750
216	412801 CORDLESS MICROPHONE, AIJUJA MAKE & MODEL NO AWM-490V11L	Exclusion	0.03	11-08-2011	-	2016-17	FIXED ASSETS OF MINOR VALUE >750
217	412801 1 TB USB EXTERNAL HARD DISK	Exclusion	0.05	27-06-2016	-	2016-17	FIXED ASSETS OF MINOR VALUE >750
218	412801 1 TB USB EXTERNAL HARD DISK	Exclusion	0.05	27-06-2016	-	2016-17	FIXED ASSETS OF MINOR VALUE >750
219	412801 1 TB USB EXTERNAL HARD DISK	Exclusion	0.05	27-06-2016	-	2016-17	FIXED ASSETS OF MINOR VALUE >750
220	412801 1 TB USB EXTERNAL HARD DISK	Exclusion	0.05	27-06-2016	-	2016-17	FIXED ASSETS OF MINOR VALUE >750
221	412801 1 TB USB EXTERNAL HARD DISK	Exclusion	0.04	02-02-2017	-	2016-17	FIXED ASSETS OF MINOR VALUE >750
222	412801 GEAR PUMP FOR H.P. OIL INJECTION SYSTEM DRG NO. 21B1167AG	Exclusion	0.00	20-08-2016	-	2016-17	FIXED ASSETS OF MINOR VALUE >750
223	412801 GYSER PORTABLE 35 LTRS, GR No-MES2005100019 MAR-06	Exclusion	0.05	01-03-2006	-	2016-17	FIXED ASSETS OF MINOR VALUE >750
224	412801 GYSER PORTABLE 35 LTRS, GR No-MES2005100019 MAR-06	Exclusion	0.05	01-03-2006	-	2016-17	FIXED ASSETS OF MINOR VALUE >750
225	412801 HEAT CONVECTOR 2KW	Exclusion	0.02	13-12-2012	-	2016-17	FIXED ASSETS OF MINOR VALUE >750
226	412801 HEAT CONVECTOR 2KW	Exclusion	0.02	13-12-2012	-	2016-17	FIXED ASSETS OF MINOR VALUE >750
227	412801 HEAT CONVECTOR 2KW	Exclusion	0.02	13-12-2012	-	2016-17	FIXED ASSETS OF MINOR VALUE >750
228	412801 HEAT CONVECTOR 2KW	Exclusion	0.02	13-12-2012	-	2016-17	FIXED ASSETS OF MINOR VALUE >750
229	412801 HEAT CONVECTOR 2KW	Exclusion	0.02	13-12-2012	-	2016-17	FIXED ASSETS OF MINOR VALUE >750
230	412801 HEAT CONVECTOR 2KW	Exclusion	0.02	13-12-2012	-	2016-17	FIXED ASSETS OF MINOR VALUE >750
231	412801 HEAT CONVECTOR 2KW	Exclusion	0.02	13-12-2012	-	2016-17	FIXED ASSETS OF MINOR VALUE >750
232	412801 HEAT CONVECTOR 2KW	Exclusion	0.02	13-12-2012	-	2016-17	FIXED ASSETS OF MINOR VALUE >750
233	412801 HEAT CONVECTOR 2KW	Exclusion	0.02	13-12-2012	-	2016-17	FIXED ASSETS OF MINOR VALUE >750
234	412801 HEAT CONVECTOR 2KW	Exclusion	0.02	13-12-2012	-	2016-17	FIXED ASSETS OF MINOR VALUE >750
235	412801 HEAT CONVECTOR 2KW	Exclusion	0.02	13-12-2012	-	2016-17	FIXED ASSETS OF MINOR VALUE >750
236	412801 HEAT CONVECTOR 2KW	Exclusion	0.02	13-12-2012	-	2016-17	FIXED ASSETS OF MINOR VALUE >750
237	412801 HEAT CONVECTOR 2KW	Exclusion	0.02	13-12-2012	-	2016-17	FIXED ASSETS OF MINOR VALUE >750
238	412801 HEAT CONVECTOR 2KW	Exclusion	0.02	13-12-2012	-	2016-17	FIXED ASSETS OF MINOR VALUE >750
239	412801 HEAT CONVECTOR 2KW	Exclusion	0.02	13-12-2012	-	2016-17	FIXED ASSETS OF MINOR VALUE >750
240	412801 Stethoscope Lilman Make# GR#1298 dt.02.11.2004	Exclusion	0.04	01-11-2004	-	2016-17	FIXED ASSETS OF MINOR VALUE >750
241	412801 EXAMINATION TABLEGR NO. 2874,2856 & 2853 DT 29.1.2001, 1.12.2K & 28.11.2K	Exclusion	0.05	01-03-2001	-	2016-17	FIXED ASSETS OF MINOR VALUE >750
243	411701 DIWAN	Exclusion	0.08	01-04-2013	-	2016-17	FURNITURE-FIXTURES-OFFICE
244	411701 EASY CHAIR	Exclusion	0.07	01-04-2013	-	2016-17	FURNITURE-FIXTURES-OFFICE
245	412008 1 ST VOLTAS GOLD 2 STAR WITH STABILIZER	Exclusion	0.22	01-04-2013	-	2016-17	AIR CONDITIONERS
246	412801 CHAIR	Exclusion	0.02	01-04-2013	-	2016-17	FIXED ASSETS OF MINOR VALUE >750
247	412801 CHAIR-2	Exclusion	0.02	01-04-2013	-	2016-17	FIXED ASSETS OF MINOR VALUE >750
248	412801 CHAIR-3	Exclusion	0.02	01-04-2013	-	2016-17	FIXED ASSETS OF MINOR VALUE >750
249	412801 CHAIR-4	Exclusion	0.02	01-04-2013	-	2016-17	FIXED ASSETS OF MINOR VALUE >750
250	410714 COMBINED OVER CURRENT & EARTH FAULT RELAY FOR 11KV SYSTEM, MAKE/MODEL: SIEMENS/7SR10	Exclusion	0.06		0.04	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
251	410714 COMBINED OVER CURRENT & EARTH FAULT RELAY FOR 11KV SYSTEM, MAKE/MODEL: SIEMENS/7SR11	Exclusion	0.06		0.04	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
252	410714 COMBINED OVER CURRENT & EARTH FAULT RELAY FOR 11KV SYSTEM, MAKE/MODEL: SIEMENS/7SR12	Exclusion	0.06		0.04	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
253	410714 COMBINED OVER CURRENT & EARTH FAULT RELAY FOR 11KV SYSTEM, MAKE/MODEL: SIEMENS/7SR13	Exclusion	0.06		0.04	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
254	410714 COMBINED OVER CURRENT & EARTH FAULT RELAY FOR 11KV SYSTEM, MAKE/MODEL: SIEMENS/7SR14	Exclusion	0.06		0.04	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
255	410714 COMBINED OVER CURRENT & EARTH FAULT RELAY FOR 11KV SYSTEM, MAKE/MODEL: SIEMENS/7SR15	Exclusion	0.06		0.04	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY



87

Sl. No.	Name of the Asset	Nature of de-capitalization (whether claimed under exclusion or as additional capital expenditure)	Original Value of the Asset De-Capitalised	Year Put to use	Depreciation recovered till date of De-capitalization	Year of De-capitalisation	Remarks
1	2	3	4	5	6		
256	410714 COMBINED OVER CURRENT & EARTH FAULT RELAY FOR 11KV SYSTEM, MAKE/MODEL: SIEMENS/7SR16	Exclusion	0.06		0.04	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
257	410714 COMBINED OVER CURRENT & EARTH FAULT RELAY FOR 11KV SYSTEM, MAKE/MODEL: SIEMENS/7SR17	Exclusion	0.06		0.04	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
258	410714 COMBINED OVER CURRENT & EARTH FAULT RELAY FOR 11KV SYSTEM, MAKE/MODEL: SIEMENS/7SR18	Exclusion	0.06		0.04	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
259	410714 COMBINED OVER CURRENT & EARTH FAULT RELAY FOR 11KV SYSTEM, MAKE/MODEL: SIEMENS/7SR19	Exclusion	0.06		0.04	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
260	410714 ETHERNET SWITCH RS-4TX/1FX-SM	Exclusion	0.29		0.21	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
261	410714 ETHERNET SWITCH RS20-1600S2M2SDAE	Exclusion	0.63		0.45	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
262	410714 THYRISTOR, MAKE ABB MODEL NS40 1800V	Exclusion	0.30		0.21	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
263	410714 THYRISTOR, MAKE ABB MODEL NS40 1800V	Exclusion	0.30		0.21	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
264	410714 CHEEK PLATE BOTTOM COVER 3362/2	Exclusion	3.67		2.65	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
265	410714 CHEEK PLATE TOP COVER 3361/2	Exclusion	3.78		2.73	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
266	410714 LOWER WEAR RING STATIONARY 1021/10/18/2562	Exclusion	3.89		2.81	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
267	410714 UPPER WEAR RING STATIONARY 1021/10/28/3361	Exclusion	3.33		2.41	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
268	410714 BOTTOM WEAR RING ROTATING (DRW 2254/2)	Exclusion	1.74		1.26	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
269	410714 UPPER WEAR RING ROTATING (DRW 2254/3)	Exclusion	1.66		1.20	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
270	410714 CHEEK PLATE BOTTOM COVER 3362/2	Exclusion	4.00		2.90	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
271	410714 CHEEK PLATE TOP COVER 3361/2	Exclusion	4.12		2.98	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
272	410714 LOWER WEAR RING STATIONARY 1021/10/18/2562	Exclusion	4.24		3.07	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
273	410714 UPPER WEAR RING STATIONARY 1021/10/28/3361	Exclusion	3.64		2.63	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
274	410714 TUBE BUNDLE FOR HEAT EXCHANGER TYPE AEW 26-182 (1)	Exclusion	9.26		6.70	2016-17	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
Total Assets De-Capitalised in 2016-17			150.07				
			Exclusion	150.07			
			Claimed	-			
Assumed Deletion 2016-17							
1	411505 FIRE TENDER, CHASIS # 344051314407, JK05C 3488	Claimed	0.91	01-03-1992		2017-18	Refer Form 9A 2016-17 Sl No A2 and actual deletion 2017-18, Sl No 1
Total Assumed Deletion in 2016-17			0.91				
Total claimed deletion (including assumed)			0.91				
FY - 2017-18							
1	411505 FIRE TENDER, CHASIS # 344051314407, JK05C 3488	Exclusion	0.91	01-03-1992		2017-18	Refer Form 9A 2016-17 Sl No A2 and assumed deletion 2016-17, Sl No 1
2	411508 TATA MODEL SFC 407 TRUCK CHASIS CAB & LAOD BODY FITTED WITH 497 SP, JK 02L 2708	Exclusion	4.22	01-03-2000		2017-18	Refer Form 9A 2014-15 Sl No A5 and assumed deletion 2014-15, Sl No 2 & 3
3	411508 TATA MODEL SFC 407 TRUCK CHASIS CAB & LAOD BODY FITTED WITH 497 SP JK 02L 2712	Exclusion	4.22	01-03-2000		2017-18	Refer Form 9A 2014-15 Sl No A5 and assumed deletion 2014-15, Sl No 2 & 3
4	411801 LAPTOP COMPUTER (HP PROBOOK6560B)	Exclusion	0.57	01-04-2013		2017-18	COMPUTERS
5	412801 MOBILE KARBON A21	Exclusion	0.04	08-01-2013		2017-18	FIXED ASSETS OF MINOR VALUE >750
6	410714 2021036588 UPPER WEAR RING STATIONARY 1021/10/28/3361 retrieval 10.11.2017	Exclusion	10.31	04-12-2014	1.59	2017-18	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
7	410714 2021032157 UPPER WEAR RING STATIONARY 1021/10/28/3361 retrieval 25.11.2017	Exclusion	10.31	04-12-2014	1.61	2017-18	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
8	410714 2021036592 LOWER WEAR RING STATIONARY 1021/10/18/2562 Retrieval 10.11.2017	Exclusion	9.02	04-12-2014	0.49	2017-18	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
9	410714 2021036599 LOWER WEAR RING STATIONARY 1021/10/18/2562 Retrieval 25.11.2017	Exclusion	12.03	15-02-2017	1.87	2017-18	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
10	411701 CENTRE TABLE +2 SIDE TABLE +3 BOOK	Exclusion	0.43	10-12-2013		2017-18	FURNITURE-FIXTURES-OFFICE
11	411701 DRESSING TABLE	Exclusion	0.08	26-01-2014		2017-18	FURNITURE-FIXTURES-OFFICE
12	411701 CENTRE TABLE CHINAR WOODEN	Exclusion	0.25	27-04-2016		2017-18	FURNITURE-FIXTURES-OFFICE
13	411801 LAPTOP MODEL HP15-AU0081X	Exclusion	0.82	22-09-2016		2017-18	COMPUTERS
14	411801 ACCER TRAVELMATE P243M LAPTOP	Exclusion	0.48	24-12-2014		2017-18	COMPUTERS



12 88

Sl. No.	Name of the Asset	Nature of de-capitalization (whether claimed under exclusion or as additional capital expenditure)	Original Value of the Asset De-Capitalised	Year Put to use	Depreciation recovered till date of De-capitalization	Year of De-capitalisation	Remarks
1	2	3	4	5	6		
15	411801 DELL INS 5559 (Y56650511IN9)I5-6200U/4/1TB/WIN10/WIT GLOSS/15.6"3Q1K72 LAPTOP	Exclusion	0.40	12-01-2017		2017-18	COMPUTERS
16	412801 NOKIA 225 BLACK	Exclusion	0.03	31-01-2015		2017-18	FIXED ASSETS OF MINOR VALUE >750
17	410701 EXCITATION SYSTEM - Capital Spare Retrieved fro Mother Plant	Exclusion	3.95	1997-98		2017-18	MAIN GENERATING EQUIPMENT
18	410701 Generator - Capital Spare Retrieved fro Mother Plant	Exclusion	3.78	1997-98		2017-18	MAIN GENERATING EQUIPMENT
19	410705 Outdoor Switchyard - Capital Spare Retrieved fro Mother Plant	Exclusion	0.62	1997-98		2017-18	EHV SWITCHGEAR SYSTEMS
Total			62.48				

Assumed Deletion 2017-18

1	411903	EPABX SYSTEM MODEL Aria1000 with accessories GR No 652 dt 17.06.02	Claimed	22.95	02-06-2002	14.69	2018-19	Refer Form 9A 2017-18 Sl No B 17 and 18. Actual deletion 2018-19 ref Sl. No. 82
2	410713	HP AIR COMPRESSOR, MAKE-BAUER, MODEL-MARINER 250-E-I	Claimed	4.32	24-04-1997	3.14	2017-018	Refer Form 9A 2017-18 Sl No B19
3	410713	HP AIR COMPRESSOR, MAKE-BAUER, MODEL-MARINER 250-E-I	Claimed	4.32	24-04-1997	3.14	2017-018	Refer Form 9A 2017-18 Sl No B20
4	410713	630 KVA, 13.8/260 KV, AN, DYN11 DRY TYPE (VACUUM CAST COIL,) EXCITATION TRANSFORMER	Claimed	3.86	24-04-1997	2.82	2017-018	Refer Form 9A 2017-18 Sl No B21
Total			35.44					
Total claimed deletion(including assumed)			35.44					

FY - 2018-19

1	410714	Cooling Water System - Vertical Pump 2021036581	Exclusion	2.75	24-04-1997	2.05	2018-19	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
2	410714	Turbines - TGB Oil Coolers	Exclusion	4.02	24-04-1997	3.00	2018-19	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
3	410713	Bench Grinder GLS2005100045, DEC-05	Exclusion	0.23	01-01-2006	0.11	2018-19	MISCELLANEOUS POWER PLANT EQUIPMENTS
4	410714	UPPER WEAR RING STATIONARY 1021/10/28/3361	Exclusion	9.02	15-02-2017	0.00	2018-19	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
5	410714	LOWER WEAR RING STATIONARY 1021/10/18/2562	Exclusion	9.02	15-02-2017	0.00	2018-19	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
6	411002	1000 KVA DG SET	Claimed	5.14	31-03-2000	3.76	2018-19	DIESEL GENERATING SETS
7	411002	1000 KVA DG SET	Claimed	5.14	31-03-2000	3.76	2018-19	DIESEL GENERATING SETS
8	411002	30 KVA DG SET KIRLOSKAR MADE GR NO 003385	Claimed	0.89	01-12-1993	0.84	2018-19	DIESEL GENERATING SETS
9	411002	30 KVA DG SET KIRLOSKAR MAKE GR NO. 004423	Claimed	0.93	01-12-1993	0.77	2018-19	DIESEL GENERATING SETS
10	411002	30 KVA DG SET KIRLOSKAR MAKE GR NO. 4492	Claimed	0.92	01-12-1993	0.76	2018-19	DIESEL GENERATING SETS
11	411002	Eltmax Portable Generator Honda Make GX620K1, petrol Run Engine	Claimed	3.45	01-06-2003	2.07	2018-19	DIESEL GENERATING SETS
12	411105	DOZER G30	Claimed	3.70	01-02-1988	1.56	2018-19	DOZERS
13	411109	18 TON ESCORT'S CRANE	Exclusion	1.06	01-12-1990	0.12	2018-19	Addition in 2015-16 Ref Form 9A Sl. No.8. Decapitalisation value of old asset is indicated in assumed deletion ref Sl No.4
14	411112	CONTROL PANEL WITH DOL STARTER AUTO LEVEL CONTROLLER & VARIOUS MOTOR	Claimed	0.22	01-04-2000	0.22	2018-19	PUMPS
15	411112	CONTROL PANEL WITH DOL STARTER AUTO LEVEL CONTROLLER & VARIOUS MOTOR	Claimed	0.32	01-04-2000	0.32	2018-19	PUMPS
16	411112	SUMMERBICIBLE PUMP, 5 HP, 3 PHASE 415 VOLTS, MAKE CROMPTON GREEVES	Claimed	0.19	24-01-2005	0.19	2018-19	PUMPS
17	411130	SCRUBBING/SACRIFYING MACHINE	Exclusion	0.99	01-03-1996	0.94	2018-19	OTHER EQUIPMENT
18	411130	ELECTICAL LAWN MOVERS, 1300 WATT, MAKE: CASTLE GARDEN	Exclusion	0.14	19-08-2014	0.05	2018-19	OTHER EQUIPMENT
19	411130	ELECTICAL LAWN MOVERS, FALCON, NF-305	Exclusion	0.51	19-08-2014	0.18	2018-19	OTHER EQUIPMENT
20	411201	WATER TANK 5000 LTR	Exclusion	0.24	30-07-2003	0.15	2018-19	WATER SUPPLY
21	411701	GODREJ EXECUTIVE CHAIR, MONARCH 19N01	Exclusion	0.20	22-05-2012	0.06	2018-19	FURNITURE-FIXTURES-OFFICE
22	411701	GODREJ EXECUTIVE CHAIR, MONARCH 19N01	Exclusion	0.20	22-05-2012	0.06	2018-19	FURNITURE-FIXTURES-OFFICE
23	411701	GODREJ EXECUTIVE CHAIR, MONARCH 19N01	Exclusion	0.20	22-05-2012	0.06	2018-19	FURNITURE-FIXTURES-OFFICE
24	411701	GODREJ EXECUTIVE CHAIR, MONARCH 19N01	Exclusion	0.20	22-05-2012	0.06	2018-19	FURNITURE-FIXTURES-OFFICE
25	411701	GODREJ EXECUTIVE CHAIR, MONARCH 19N01	Exclusion	0.20	22-05-2012	0.06	2018-19	FURNITURE-FIXTURES-OFFICE
26	411701	GODREJ EXECUTIVE CHAIR, MONARCH 19N01	Exclusion	0.20	22-05-2012	0.06	2018-19	FURNITURE-FIXTURES-OFFICE
27	411701	GODREJ EXECUTIVE CHAIR, MONARCH 19N01	Exclusion	0.20	22-05-2012	0.06	2018-19	FURNITURE-FIXTURES-OFFICE
28	411701	GODREJ EXECUTIVE CHAIR, MONARCH 19N01	Exclusion	0.20	22-05-2012	0.06	2018-19	FURNITURE-FIXTURES-OFFICE
29	411701	CHAIR PC11-7002GR NO. 538 DT. 10/6/2002	Exclusion	0.07	06-10-2002	0.07	2018-19	FURNITURE-FIXTURES-OFFICE
30	411701	SOFA 3 SEAT MES2008100020 MAR09	Exclusion	0.24	30-03-2009	0.09	2018-19	FURNITURE-FIXTURES-OFFICE
31	411701	SOFA 3 SEAT MES2008100020 MAR09	Exclusion	0.24	30-03-2009	0.09	2018-19	FURNITURE-FIXTURES-OFFICE
32	411701	FILING CABINET 4 DOOR	Exclusion	0.17	31-03-2014	0.04	2018-19	FURNITURE-FIXTURES-OFFICE
33	411701	4 DOOR FILING CABINET, GR NO 2858 & 2859 DT. 6.12.2K	Exclusion	0.08	01-01-2001	0.08	2018-19	FURNITURE-FIXTURES-OFFICE
34	411701	4 DOOR FILING CABINET, GR NO 2858 & 2859 DT. 6.12.2K	Exclusion	0.08	01-01-2001	0.08	2018-19	FURNITURE-FIXTURES-OFFICE



89

Sl. No.	Name of the Asset	Nature of de-capitalization (whether claimed under exclusion or as additional capital expenditure)	Original Value of the Asset De-Capitalised	Year Put to use	Depreciation recovered till date of De-capitalization	Year of De-capitalization	Remarks
1	2	3	4	5	6		
35	411704 GLASSDOOR ALMIRAH STOREWEL (198111 X 916 W X 286 D)	Exclusion	0.23	23-03-2015	0.05	2018-19	FURNITURE-FIXTURES-SCHOOL
36	411706 CHAIR GODREJ 7002DGR NO. 501 DT. 26.9.98	Exclusion	0.07	01-11-1998	0.07	2018-19	FURNITURE-FIXTURES-HOSPITAL
37	411706 CHAIR PC11-7002 GR NO 2874 DT.29.1.2001	Exclusion	0.06	29-01-2001	0.06	2018-19	FURNITURE-FIXTURES-HOSPITAL
38	411706 OVER HEAD TABLE MED2008100001 JAN 2009	Exclusion	0.10	13-05-2008	0.04	2018-19	FURNITURE-FIXTURES-HOSPITAL
39	411707 GODREJ 4 DOOR CASE	Exclusion	0.06	01-11-1995	0.06	2018-19	FURNITURE-FIXTURES-FIELD HOSTEL/TRANSIT HOSTEL
40	411801 PENTIUM-IV COMPUTER 3 GHZ WITH 512 MB DDR INTEL 915G CHIPSETS RAM .	Exclusion	0.43	01-06-2005	0.43	2018-19	COMPUTERS
41	411801 PENTIUM-IV COMPUTER 3 GHZ WITH 512 MB DDR INTEL 915G CHIPSETS RAM .	Exclusion	0.43	01-06-2005	0.43	2018-19	COMPUTERS
42	411801 PENTIUM-IV COMPUTER 3 GHZ WITH 512 MB DDR INTEL 915G CHIPSETS RAM .	Exclusion	0.43	01-06-2005	0.43	2018-19	COMPUTERS
43	411801 HP Compaq Desktop computers D330 P IV with col. monitor,speaker,head phone GR# 199603.05.04	Exclusion	0.44	01-05-2004	0.44	2018-19	COMPUTERS
44	411801 COMPUTER INTEL P-IV DC 7900 4GB RAM, WITH 1TFT MES2008100028 MAR09	Exclusion	0.41	31-03-2009	0.41	2018-19	COMPUTERS
45	411801 COMPUTER	Exclusion	0.37	07-01-2010	0.37	2018-19	COMPUTERS
46	411803 DOT MATRIX PRINTER,ELS2007100029,02.01.08,	Exclusion	0.14	02-01-2008	0.14	2018-19	PRINTERS
47	411803 PRINTER, HP 1180C, INKJET gr No:-2416 dtd 07-02-05	Exclusion	0.18	01-03-2005	0.18	2018-19	PRINTERS
48	411803 PRINTER, HP 1180C, INKJET gr No:-2416 dtd 07-02-05	Exclusion	0.18	01-03-2005	0.18	2018-19	PRINTERS
49	411803 LASER PRINTER HP 1160 GR-ELS2004100041, 22-04-05	Exclusion	0.10	01-06-2005	0.10	2018-19	PRINTERS
50	411803 HP Laser Jet LJ1300 Printer GR# 1996 DT. 03.05.2004	Exclusion	0.20	01-05-2004	0.20	2018-19	PRINTERS
51	411803 HP Laser Jet LJ1300 Printer GR# 1996 DT. 03.05.2004	Exclusion	0.20	01-05-2004	0.20	2018-19	PRINTERS
52	411803 HP Laser Jet LJ1300 Printer GR# 1996 DT. 03.05.2004	Exclusion	0.20	01-05-2004	0.20	2018-19	PRINTERS
53	411803 PRINTER HPDJ 1125 C PROFESSIONAL SERIES GR # 071 DT. 29.08.01	Exclusion	0.17	01-04-2002	0.17	2018-19	PRINTERS
54	411803 HP PHOTOSMART PRINTER, MODEL HP B210A	Exclusion	0.10	07-01-2011	0.09	2018-19	PRINTERS
55	411803 LASER PRINTER SAMSUNG XPRESS M2826ND	Exclusion	0.11	16-01-2015	0.10	2018-19	PRINTERS
56	411804 APC BACK 500 UPS	Exclusion	0.06	01-03-1999	0.06	2018-19	OTHER EDP EQUIPMENTS
57	411804 UPS NEXUS N2 GR NO. 2864 OF 23.12.2K	Exclusion	0.10	01-03-2002	0.10	2018-19	OTHER EDP EQUIPMENTS
58	411804 SCANNER COLOUR HP MAKE GR# 242 DT. 25.02.02	Exclusion	0.13	25-02-2002	0.13	2018-19	OTHER EDP EQUIPMENTS
59	411804 16 PORT 10/100/1000 MBPS SWITCH, UNMANAGED 19 INCH RACK MOUNTABLE	Exclusion	0.08	08-07-2013	0.08	2018-19	OTHER EDP EQUIPMENTS
60	411805 INMARSAT MINI M TERMINALS,GR-2689,21.09.07	Exclusion	1.80	27-09-2007	1.71	2018-19	Refer Form 9A 2014-15 Sl No B 12. Assume deletion ref sl no 5 of 2014-15.
61	411805 LONG DISTANCE SATELLITE-NO3369025 With Accessories GR NO 750 DU25.09.02,	Claimed	20.15	03-01-2002	19.14	2018-19	SATELLITE COMMUNICATIONS SYSTEMS
62	411806 COMPUTER SERVER WITH 2.8 GHZ INTEL XEON PROCESSOR, GR-ELS2005100005, DTD 25-07-05	Claimed	1.02	01-08-2005	0.97	2018-19	Claimed in 2018-19 ref Sl no 7
63	411806 "DSL MODEM,ELI.S2007100036,01.02.08"	Exclusion	0.10	25-03-2008	0.10	2018-19	NETWORKING DEVICES & SERVER
64	411806 8 PORT FXS VOIP MODEM	Exclusion	0.36	30-06-2015	0.20	2018-19	NETWORKING DEVICES & SERVER
65	411806 8 PORT FXS VOIP MODEM	Exclusion	0.36	30-06-2015	0.20	2018-19	NETWORKING DEVICES & SERVER
66	411806 8 PORT FXO VOIP MODEM	Exclusion	0.52	30-06-2015	0.29	2018-19	NETWORKING DEVICES & SERVER
67	411902 INMARSET-MINI M INMARSET SATELLITE PHONE TERMINAL	Exclusion	1.95	08-07-2004	1.76	2018-19	TELEPHONE TELEX MACHINES
68	411902 PLCC EXCHANGE, MODEL IP 406, HAVING 8 DIGITAL EXTENSION PORTS, 2 ANALOG EXTENSION PORT, 8 PORT DUAL	Exclusion	5.84	08-03-2010	2.10	2018-19	TELEPHONE TELEX MACHINES
69	411902 Cordless Telephone (Sony) MES2007100013,06.09.07	Exclusion	0.06	06-09-2007	0.06	2018-19	TELEPHONE TELEX MACHINES
70	411902 PLANSET TELEPHONE PANASONIC MODEL KX-T5328BXW ELS2008100034 MAR09	Exclusion	0.07	20-03-2009	0.03	2018-19	TELEPHONE TELEX MACHINES
71	411902 PLANSET TELEPHONE PANASONIC MODEL KX-T5328BXW ELS2008100034 MAR09	Exclusion	0.07	20-03-2009	0.03	2018-19	TELEPHONE TELEX MACHINES
72	411902 PLANSET TELEPHONE PANASONIC MODEL KX-T5328BXW ELS2008100034 MAR09	Exclusion	0.07	20-03-2009	0.03	2018-19	TELEPHONE TELEX MACHINES
73	411902 CALLER ID CORDLESS PHONE	Exclusion	0.06	20-08-2013	0.01	2018-19	TELEPHONE TELEX MACHINES
74	411902 CALLER ID CORDLESS PHONE	Exclusion	0.06	20-08-2013	0.01	2018-19	TELEPHONE TELEX MACHINES
75	411902 CALLER ID CORDLESS PHONE	Exclusion	0.06	20-08-2013	0.01	2018-19	TELEPHONE TELEX MACHINES
76	411902 CALLER ID CORDLESS PHONE	Exclusion	0.06	20-08-2013	0.01	2018-19	TELEPHONE TELEX MACHINES
77	411902 VOIP GATEWAY WITH 02 PORT FXO AND 02 PORT FXS	Exclusion	0.22	05-05-2011	0.07	2018-19	TELEPHONE TELEX MACHINES
78	411902 VOIP GATEWAY WITH 02 PORT FXO AND 02 PORT FXS	Exclusion	0.22	05-05-2011	0.07	2018-19	TELEPHONE TELEX MACHINES
79	411902 VOIP GATEWAY WITH 08 PORT FXO	Exclusion	0.36	05-05-2011	0.12	2018-19	TELEPHONE TELEX MACHINES



2 90

Sl. No.	Name of the Asset	Nature of de-capitalization (whether claimed under exclusion or as additional capital expenditure)	Original Value of the Asset De-Capitalised	Year Put to use	Depreciation recovered till date of De-capitalization	Year of De-capitalization	Remarks
80	411902 VOIP GATEWAY WITH 08 PORT FXS	Exclusion	0.35	05-05-2011	0.12	2018-19	TELEPHONE/TELEX MACHINES
81	411902 Fax Machine, GR NO MES2006100013 DTD 19-SEP-06	Exclusion	0.11	19-09-2006	0.05	2018-19	TELEPHONE/TELEX MACHINES
82	411903 EPABX SYSTEM MODEL Aria1000 with accessories GR No 652 dt 17.06.02	Exclusion	22.95	02-06-2002	14.69	2018-19	Refer Form 9A 2017-18 Sl No B 17 and 18. Assume deletion ref sl no. 1 of 2017-18
83	412003 MODI XEROX DESKTOP COPIER STANDS	Exclusion	0.05	01-06-2000	0.05	2018-19	PHOTOCOPY/DUPLICATING MACHINES
84	412003 Modi Xerox Digital Photocopier WC-238GR NO MES2005100021, 10-APR-06	Exclusion	2.82	01-04-2006	1.42	2018-19	PHOTOCOPY/DUPLICATING MACHINES
85	412003 MODI XEROX MODEL 5223 WITH 12 KVA STABILIZER	Exclusion	1.56	01-03-1999	1.30	2018-19	PHOTOCOPY/DUPLICATING MACHINES
86	412005 Mechanical Juggers (Bearing) MES2007100028	Exclusion	0.08	17-03-2008	0.03	2018-19	HOSPITAL EQUIPMENTS
87	412005 Mechanical Juggers (Bearing) MES2007100028	Exclusion	0.08	17-03-2008	0.03	2018-19	HOSPITAL EQUIPMENTS
88	412005 Ultrasound Machine Sonalisa /MFT GR NO. 1859 dt 26.05.2004	Claimed	7.80	01-08-2004	4.45	2018-19	HOSPITAL EQUIPMENTS
89	412005 AC Commercial Tread Mill, MES2007100028, 17.03.08	Exclusion	1.47	17-03-2008	0.64	2018-19	HOSPITAL EQUIPMENTS
90	412005 Vibratory Belt With Stand (1 H.P Motor) MES2007100028	Exclusion	0.10	17-03-2008	0.05	2018-19	HOSPITAL EQUIPMENTS
91	412007 EURO MATE FUME EXTRACTOR & DISPOSABLE FILE, GR NO. 907 DT. 20/11/2002 VACUUM CLEANER, LG MAKE,	Exclusion	0.06	01-12-2002	0.06	2018-19	TRANSIT HOSTEL/GUEST HOUSE EQUIPMENTS
92	412011 CHEST TYPE DEEP FREEZER GRIDGE S NO. 82700107, 82700075	Exclusion	0.38	01-01-1999	0.32	2018-19	AIR COOLERS/WATER COOLERS/FANS
93	412011 GODREJ REFRIGERATOR COLD GOLD 300 LTR	Exclusion	0.07	01-04-1991	0.07	2018-19	AIR COOLERS/WATER COOLERS/FANS
94	412013 GODREJ REFRIGERATOR ULTRA MODEL, 300 LTR	Exclusion	0.15	01-02-1999	0.15	2018-19	REFRIGERATORS FOR OFFICE
95	412014 FULL HD LED TV 22, SAMSUNG, MODEL-UA22ES005	Exclusion	0.13	28-03-2013	0.04	2018-19	TELEVISION/MUSIC SYSTEM FOR OFFICE
96	412014 FULL HD LED TV 22, SAMSUNG, MODEL-UA22ES005	Exclusion	0.13	28-03-2013	0.04	2018-19	TELEVISION/MUSIC SYSTEM FOR OFFICE
97	412014 MULTI TV DTH CONNECTION WITH FOUR SET TOP BOXES IN SINGLE ID ALONG WITH CABLES AND ACCESSORIES.	Exclusion	0.08	08-07-2013	0.02	2018-19	TELEVISION/MUSIC SYSTEM FOR OFFICE
98	412014 MULTI TV DTH CONNECTION WITH FOUR SET TOP BOXES IN SINGLE ID ALONG WITH CABLES AND ACCESSORIES.	Exclusion	0.08	08-07-2013	0.02	2018-19	TELEVISION/MUSIC SYSTEM FOR OFFICE
99	412014 MULTI TV DTH CONNECTION WITH FOUR SET TOP BOXES IN SINGLE ID ALONG WITH CABLES AND ACCESSORIES.	Exclusion	0.08	08-07-2013	0.02	2018-19	TELEVISION/MUSIC SYSTEM FOR OFFICE
100	412020 ABC Store Pressure Type Fire Extinguisher 10 KG Cap. GR NO. 1882 dt 18.06.2004	Exclusion	0.06	18-06-2004	0.06	2018-19	OTHER OFFICE EQUIPMENTS
101	412020 ABC Store Pressure Type Fire Extinguisher 10 KG Cap. GR NO. 1882 dt 18.06.2004	Exclusion	0.06	18-06-2004	0.06	2018-19	OTHER OFFICE EQUIPMENTS
102	412020 ABC Store Pressure Type Fire Extinguisher 10 KG Cap. GR NO. 1882 dt 18.06.2004	Exclusion	0.06	18-06-2004	0.06	2018-19	OTHER OFFICE EQUIPMENTS
103	412020 ABC Store Pressure Type Fire Extinguisher 10 KG Cap. GR NO. 1882 dt 18.06.2004	Exclusion	0.06	18-06-2004	0.06	2018-19	OTHER OFFICE EQUIPMENTS
104	412020 ABC Store Pressure Type Fire Extinguisher 10 KG Cap. GR NO. 1882 dt 18.06.2004	Exclusion	0.06	18-06-2004	0.06	2018-19	OTHER OFFICE EQUIPMENTS
105	412020 ABC Store Pressure Type Fire Extinguisher 10 KG Cap. GR NO. 1882 dt 18.06.2004	Exclusion	0.06	18-06-2004	0.06	2018-19	OTHER OFFICE EQUIPMENTS
106	412020 ABC Store Pressure Type Fire Extinguisher 10 KG Cap. GR NO. 1882 dt 18.06.2004	Exclusion	0.06	18-06-2004	0.06	2018-19	OTHER OFFICE EQUIPMENTS
107	412020 AUTOMATIC BOOM BARRIER	Claimed	1.09	25-05-2010	0.39	2018-19	OTHER OFFICE EQUIPMENTS
108	412020 AUTOMATIC BOOM BARRIER	Claimed	1.09	25-05-2010	0.39	2018-19	OTHER OFFICE EQUIPMENTS
109	412020 XEROX PHASER	Exclusion	0.21	07-01-2010	0.09	2018-19	OTHER OFFICE EQUIPMENTS
110	412020 REVERSE OSMOSIS WATER PURIFIER J-61 CVS2007100052	Exclusion	0.14	12-04-2008	0.06	2018-19	OTHER OFFICE EQUIPMENTS
111	412501 Amplifier SSB-80EM GR NO:-MES2005100010 DTD 28-11-2005	Exclusion	0.05	01-12-2005	0.05	2018-19	TELEVISIONS/MUSIC SYSTEMS OTHER THAN FOR OFFICE, PROJECTORS, AUDIO VISUALS EQUIPMENTS
112	412501 Amplifier SSB-80EM GR NO:-MES2005100010 DTD 28-11-2005	Exclusion	0.05	01-12-2005	0.05	2018-19	TELEVISIONS/MUSIC SYSTEMS OTHER THAN FOR OFFICE, PROJECTORS, AUDIO VISUALS EQUIPMENTS
113	412501 VHF WIRELESS MICROPHONE AWM-690VL GR No:-MES2005100010 DTD 28-11-2005	Exclusion	0.06	01-12-2005	0.06	2018-19	TELEVISIONS/MUSIC SYSTEMS OTHER THAN FOR OFFICE, PROJECTORS, AUDIO VISUALS EQUIPMENTS
114	412501 VHF WIRELESS MICROPHONE AWM-690VI GR No:-MES2005100010 DTD 28-11-2005	Exclusion	0.06	01-12-2005	0.06	2018-19	TELEVISIONS/MUSIC SYSTEMS OTHER THAN FOR OFFICE, PROJECTORS, AUDIO VISUALS EQUIPMENTS
115	412501 Colour TV 20 inch Model 20033KE LG make with automatic transformer GR NO. 696 dt 19.07.02	Exclusion	0.15	02-07-2003	0.09	2018-19	TELEVISIONS/MUSIC SYSTEMS OTHER THAN FOR OFFICE, PROJECTORS, AUDIO VISUALS EQUIPMENTS



Sl. No.	Name of the Asset	Nature of de-capitalization (whether claimed under exclusion or as additional capital expenditure)	Original Value of the Asset De-Capitalised	Year Put to use	Depreciation recovered till date of De-capitalization	Year of De-capitalization	Remarks
1	2	3	4	5	6		
116	412501 CTV 14" SAMSUNG MODEL 3363 GR. NO. 1585 & 1596 OF 7.1.99 & 17.1.99	Exclusion	0.10	01-12-1998	0.10	2018-19	TELEVISIONS/MUSIC SYSTEMS OTHER THAN FOR OFFICE, PROJECTORS, AUDIO VISUALS EQUIPMENTS
117	412501 CTV 14" SAMSUNG MODEL 3363 GR. NO. 1585 & 1596 OF 7.1.99 & 17.1.99	Exclusion	0.10	01-12-1998	0.10	2018-19	TELEVISIONS/MUSIC SYSTEMS OTHER THAN FOR OFFICE, PROJECTORS, AUDIO VISUALS EQUIPMENTS
118	412501 ONIDA CTV 14" WITH REMOTE	Exclusion	0.09	01-03-1998	0.09	2018-19	TELEVISIONS/MUSIC SYSTEMS OTHER THAN FOR OFFICE, PROJECTORS, AUDIO VISUALS EQUIPMENTS
119	412501 SAMSUNG 21" COLOUR TV MODEL 2151 S NO. 501429, 502926 GR# 037 DT. 16.7.01	Exclusion	0.14	01-03-2002	0.09	2018-19	TELEVISIONS/MUSIC SYSTEMS OTHER THAN FOR OFFICE, PROJECTORS, AUDIO VISUALS EQUIPMENTS
120	412501 TV	Exclusion	0.35	05-07-2010	0.14	2018-19	TELEVISIONS/MUSIC SYSTEMS OTHER THAN FOR OFFICE, PROJECTORS, AUDIO VISUALS EQUIPMENTS
121	412501 DISH ANTENNA + MODULATOR+ DECODER(STAR MOVIES)+DECODER(DISCOVERY CHANNEL)	Exclusion	0.62	01-03-1998	0.56	2018-19	TELEVISIONS/MUSIC SYSTEMS OTHER THAN FOR OFFICE, PROJECTORS, AUDIO VISUALS EQUIPMENTS
122	412501 DISH ANTENNA + MODULATOR+ DECODER(STAR MOVIES)+DECODER(DISCOVERY CHANNEL)	Exclusion	0.62	01-03-1998	0.56	2018-19	TELEVISIONS/MUSIC SYSTEMS OTHER THAN FOR OFFICE, PROJECTORS, AUDIO VISUALS EQUIPMENTS
123	412501 DISH ANTENNA PARAS MAKEC BAND 4 NO.8 BAND 4 NO. RECEIVER =12-10 W/0,06-07 NOS. MODULE 20 NOS	Exclusion	2.87	01-03-1996	2.53	2018-19	TELEVISIONS/MUSIC SYSTEMS OTHER THAN FOR OFFICE, PROJECTORS, AUDIO VISUALS EQUIPMENTS
124	412501 DISH ANTENNA SYSTEM	Exclusion	0.26	01-05-1998	0.26	2018-19	TELEVISIONS/MUSIC SYSTEMS OTHER THAN FOR OFFICE, PROJECTORS, AUDIO VISUALS EQUIPMENTS
125	412501 DISH WITH SET TOP BOX 1+3	Exclusion	0.06	20-05-2010	0.03	2018-19	TELEVISIONS/MUSIC SYSTEMS OTHER THAN FOR OFFICE, PROJECTORS, AUDIO VISUALS EQUIPMENTS
126	412501 JML, MP 827 MULTI MEDIA PROJECTOR WITH STD ACCESSORIES SR. NO. G-9F-103345 GR NO. 2589 DT.16.9.99	Exclusion	5.51	01-09-1999	4.07	2018-19	TELEVISIONS/MUSIC SYSTEMS OTHER THAN FOR OFFICE, PROJECTORS, AUDIO VISUALS EQUIPMENTS
127	412502 SURFACE TENSION COMP.+TRAVELLING MICROSCOPE WITH CROSSED EYE PIECE+PETRY DISH- (STANDARD SIZE)	Exclusion	0.08	27-03-2015	0.02	2018-19	LABORATORY TESTING AND METER TESTING EQUIPMENTS
128	412502 BINOCULAR MICROSCOPE WITH OIL IMMERSION	Exclusion	0.11	27-03-2015	0.02	2018-19	LABORATORY TESTING AND METER TESTING EQUIPMENTS
129	412502 BINOCULAR MICROSCOPE WITH OIL IMMERSION	Exclusion	0.11	27-03-2015	0.02	2018-19	LABORATORY TESTING AND METER TESTING EQUIPMENTS
130	412503 ELECTRIC LAWN MOVER (1600 W), IKRA EL. 1638 U	Exclusion	0.23	27-06-2016	0.03	2018-19	MISC. ASSETS/EQUIPMENTS
131	412801 CHAIR 18-C	Exclusion	0.02	01-11-1999	0.02	2018-19	FIXED ASSETS OF MINOR VALUE >750
132	412801 CHAIR CH 4 GODREJ	Exclusion	0.01	01-08-2002	0.01	2018-19	FIXED ASSETS OF MINOR VALUE >750
133	412801 CHAIR CH 4 GODREJ	Exclusion	0.01	01-08-2002	0.01	2018-19	FIXED ASSETS OF MINOR VALUE >750
134	412801 CHAIR CH 4 GODREJ	Exclusion	0.01	01-08-2002	0.01	2018-19	FIXED ASSETS OF MINOR VALUE >750
135	412801 CHAIR CH 4 GODREJ	Exclusion	0.01	01-08-2002	0.01	2018-19	FIXED ASSETS OF MINOR VALUE >750
136	412801 GODREJ CHAIR CH-7	Exclusion	0.01	12-03-1999	0.01	2018-19	FIXED ASSETS OF MINOR VALUE >750
137	412801 GODREJ CHAIR CH-7MES2007100030	Exclusion	0.02	31-03-2008	0.02	2018-19	FIXED ASSETS OF MINOR VALUE >750
138	412801 CHAIR PCH-7021GR NO. 2874,2856 & 2853 DT.29.1.2001, 1.12.2K & 28.11.2K	Exclusion	0.02	01-03-2001	0.02	2018-19	FIXED ASSETS OF MINOR VALUE >750
139	412801 CHAIR PCH-7021GR NO. 2874,2856 & 2853 DT.29.1.2001, 1.12.2K & 28.11.2K	Exclusion	0.02	01-03-2001	0.02	2018-19	FIXED ASSETS OF MINOR VALUE >750
140	412801 STEEL WARDROBE SIZE 38"*33"*22" -22 GAUGE STEEL WITH LOCK WEIGHT APP. 72 KGS.	Exclusion	0.04	01-03-2002	0.03	2018-19	FIXED ASSETS OF MINOR VALUE >750
141	412801 STEEL WARDROBE SIZE 38"*33"*22" -22 GAUGE STEEL WITH LOCK WEIGHT APP. 72 KGS.	Exclusion	0.04	01-03-2002	0.03	2018-19	FIXED ASSETS OF MINOR VALUE >750
142	412801 STEEL WARDROBE SIZE 38"*33"*22" -22 GAUGE STEEL WITH LOCK WEIGHT APP. 72 KGS.	Exclusion	0.04	01-03-2002	0.03	2018-19	FIXED ASSETS OF MINOR VALUE >750
143	412801 STEEL WARDROBE SIZE 38"*33"*22" -22 GAUGE STEEL WITH LOCK WEIGHT APP. 72 KGS.	Exclusion	0.04	01-03-2002	0.03	2018-19	FIXED ASSETS OF MINOR VALUE >750
144	412801 Writing Table,GR#1510	Exclusion	0.03	01-06-2003	0.03	2018-19	FIXED ASSETS OF MINOR VALUE >750
145	412801 DRINNING G TABLE	Exclusion	0.03	01-08-2000	0.03	2018-19	FIXED ASSETS OF MINOR VALUE >750



1292

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1	2	3	4	5	6		
146	412801 WOODEN COTS BED, GR#1733 DT.24.02.2004	Exclusion	0.02	01-03-2004	0.02	2018-19	FIXED ASSETS OF MINOR VALUE >750
147	412801 WOODEN COTS BED, GR#1733 DT.24.02.2004	Exclusion	0.02	01-03-2004	0.02	2018-19	FIXED ASSETS OF MINOR VALUE >750
148	412801 WOODEN COTS BED, GR#1733 DT.24.02.2004	Exclusion	0.02	01-03-2004	0.02	2018-19	FIXED ASSETS OF MINOR VALUE >750
149	412801 WOODEN COTS BED, GR#1733 DT.24.02.2004	Exclusion	0.02	01-03-2004	0.02	2018-19	FIXED ASSETS OF MINOR VALUE >750
150	412801 ALL STEEL STOOL ,MED2008100001 JAN09	Exclusion	0.02	18-02-2009	0.02	2018-19	FIXED ASSETS OF MINOR VALUE >750
151	412801 HOT AIR OVEN	Exclusion	0.04	01-03-1998	0.04	2018-19	FIXED ASSETS OF MINOR VALUE >750
152	412801 DCP TYPE FIRE EXTINGUISHER 25 KG. CONFIRMING TO IS SPECIFICATION:10658	Exclusion	0.03	19-06-2013	0.03	2018-19	FIXED ASSETS OF MINOR VALUE >750
153	412801 DCP TYPE FIRE EXTINGUISHER 25 KG. CONFIRMING TO IS SPECIFICATION:10658	Exclusion	0.03	19-06-2013	0.03	2018-19	FIXED ASSETS OF MINOR VALUE >750
154	412801 DRY CHEMICAL POWDER (DCP) FIRE EXTINGUISHER, 9 KG CAPACITY	Exclusion	0.04	31-03-2018	0.04	2018-19	FIXED ASSETS OF MINOR VALUE >750
155	412801 DRY CHEMICAL POWDER (DCP) FIRE EXTINGUISHER, 9 KG CAPACITY	Exclusion	0.04	31-03-2018	0.04	2018-19	FIXED ASSETS OF MINOR VALUE >750
156	412801 DRY CHEMICAL POWDER (DCP) FIRE EXTINGUISHER, 9 KG CAPACITY	Exclusion	0.04	31-03-2018	0.04	2018-19	FIXED ASSETS OF MINOR VALUE >750
157	412801 DCP TYPE FIRE EXTINGUISHER 25 KG. CONFIRMING TO IS SPECIFICATION:10658	Exclusion	0.03	18-01-2014	0.03	2018-19	FIXED ASSETS OF MINOR VALUE >750
158	412801 AFFF MECHANICAL FOAM TYPE FIRE EXTINGUISHER B TYPE, CAPACITY 9 LTRS	Exclusion	0.02	31-03-2018	0.02	2018-19	FIXED ASSETS OF MINOR VALUE >750
159	412801 WATER TYPE FIRE EXTINGUISHER,9LITRE CYLINDER	Exclusion	0.02	31-03-2018	0.02	2018-19	FIXED ASSETS OF MINOR VALUE >750
160	412801 WATER TYPE FIRE EXTINGUISHER,9LITRE CYLINDER	Exclusion	0.02	31-03-2018	0.02	2018-19	FIXED ASSETS OF MINOR VALUE >750
161	412801 WATER TYPE FIRE EXTINGUISHER,9LITRE CYLINDER	Exclusion	0.02	31-03-2018	0.02	2018-19	FIXED ASSETS OF MINOR VALUE >750
162	412801 WATER TYPE FIRE EXTINGUISHER,9LITRE CYLINDER	Exclusion	0.02	31-03-2018	0.02	2018-19	FIXED ASSETS OF MINOR VALUE >750
163	412801 REHIOSTAT-2250 OHM	Exclusion	0.01	27-03-2015	0.01	2018-19	FIXED ASSETS OF MINOR VALUE >750
164	412801 REHIOSTAT-2250 OHM	Exclusion	0.01	27-03-2015	0.01	2018-19	FIXED ASSETS OF MINOR VALUE >750
165	412801 REHIOSTAT-2250 OHM	Exclusion	0.01	27-03-2015	0.01	2018-19	FIXED ASSETS OF MINOR VALUE >750
166	412801 REHIOSTAT-2250 OHM	Exclusion	0.01	27-03-2015	0.01	2018-19	FIXED ASSETS OF MINOR VALUE >750
167	412801 REHIOSTAT-2250 OHM	Exclusion	0.01	27-03-2015	0.01	2018-19	FIXED ASSETS OF MINOR VALUE >750
168	412801 625 VA UPS CLASSIC MAKE	Exclusion	0.04	01-03-1999	0.04	2018-19	FIXED ASSETS OF MINOR VALUE >750
169	412801 625 VA UPS CLASSIC MAKE	Exclusion	0.04	01-03-1999	0.04	2018-19	FIXED ASSETS OF MINOR VALUE >750
170	412801 625VA UPS(CLASSIC), GR NO 937dt.05.12.02	Exclusion	0.04	21-11-2002	0.04	2018-19	FIXED ASSETS OF MINOR VALUE >750
171	412801 625VA UPS(CLASSIC), GR NO 937dt.05.12.02	Exclusion	0.04	21-11-2002	0.04	2018-19	FIXED ASSETS OF MINOR VALUE >750
172	412801 VHF WIRELESS MICROPHONES AWM-490V2,GR No-MES2005100010 28/11/2005	Exclusion	0.03	01-12-2005	0.03	2018-19	FIXED ASSETS OF MINOR VALUE >750
173	412801 VHF WIRELESS MICROPHONES AWM-490V2,GR No-MES2005100010 28/11/2005	Exclusion	0.03	01-12-2005	0.03	2018-19	FIXED ASSETS OF MINOR VALUE >750
174	412801 Digital receiver NIG make, GR.No.1912 dt.2108.2004	Exclusion	0.05	18-08-2004	0.05	2018-19	FIXED ASSETS OF MINOR VALUE >750
175	412801 Digital receiver NIG make, GR.No.1912 dt.2108.2004	Exclusion	0.05	18-08-2004	0.05	2018-19	FIXED ASSETS OF MINOR VALUE >750
176	412801 Tata Sky Setup Box (Secondary Digicom) ,MES0707 23.07.07	Exclusion	0.03	13-08-2007	0.03	2018-19	FIXED ASSETS OF MINOR VALUE >750
177	412801 Tata Sky Setup Box (Secondary Digicom) ,MES0707 23.07.07	Exclusion	0.03	13-08-2007	0.03	2018-19	FIXED ASSETS OF MINOR VALUE >750
178	412801 Tata Sky Setup Box (Secondary Digicom) ,MES0707 23.07.07	Exclusion	0.03	13-08-2007	0.03	2018-19	FIXED ASSETS OF MINOR VALUE >750
179	412801 Tata Sky Dish with Setup Box & accessories MES2007100014,06.09.07	Exclusion	0.03	30-09-2007	0.03	2018-19	FIXED ASSETS OF MINOR VALUE >750
180	412801 Tata sky dish with setup box & accessories, MES2006100022,05.03.07	Exclusion	0.03	31-03-2007	0.03	2018-19	FIXED ASSETS OF MINOR VALUE >750
181	412801 Tata sky dish with setup box & accessories, MES2006100022,05.03.07	Exclusion	0.03	31-03-2007	0.03	2018-19	FIXED ASSETS OF MINOR VALUE >750
182	412801 Tata Sky Dish with Setup Box & accessories,MES0707 23.07.07	Exclusion	0.03	13-08-2007	0.03	2018-19	FIXED ASSETS OF MINOR VALUE >750
183	412801 DTH SYSTEM (DIRECT TELEVISION AT HOME)	Exclusion	0.02	10-06-2011	0.02	2018-19	FIXED ASSETS OF MINOR VALUE >750
184	412801 DTH CONNECTION (SET TOP BOX & DISH)	Exclusion	0.03	08-07-2013	0.03	2018-19	FIXED ASSETS OF MINOR VALUE >750
185	412801 DTH CONNECTION (SET TOP BOX & DISH)	Exclusion	0.03	08-07-2013	0.03	2018-19	FIXED ASSETS OF MINOR VALUE >750
186	412801 BEETEL PLAN SET (1+1), MODEL - TELE TWIN WITH SPEAKER PHONE	Exclusion	0.03	21-05-2010	0.03	2018-19	FIXED ASSETS OF MINOR VALUE >750
187	412801 BEETEL PLAN SET (1+1), MODEL - TELE TWIN WITH SPEAKER PHONE	Exclusion	0.03	21-05-2010	0.03	2018-19	FIXED ASSETS OF MINOR VALUE >750
188	412801 BEETEL PLAN SET (1+1), MODEL - TELE TWIN WITH SPEAKER PHONE	Exclusion	0.03	21-05-2010	0.03	2018-19	FIXED ASSETS OF MINOR VALUE >750
189	412801 BEETEL PLAN SET (1+1), MODEL - TELE TWIN WITH SPEAKER PHONE	Exclusion	0.03	21-05-2010	0.03	2018-19	FIXED ASSETS OF MINOR VALUE >750



Sl. No.	Name of the Asset	Nature of de-capitalization (whether claimed under exclusion or as additional capital expenditure)	Original Value of the Asset De-Capitalised	Year Put to use	Depreciation recovered till date of De-capitalization	Year of De-capitalisation	Remarks
190	412801 BEETEL PLAN SET (1+1), MODEL - TELE TWIN WITH SPEAKER PHONE	Exclusion	0.03	21-05-2010	0.03	2018-19	FIXED ASSETS OF MINOR VALUE >750
191	412801 BEETEL PLAN SET (1+1), MODEL - TELE TWIN WITH SPEAKER PHONE	Exclusion	0.03	21-05-2010	0.03	2018-19	FIXED ASSETS OF MINOR VALUE >750
192	412801 BEETEL PLAN SET (1+1), MODEL - TELE TWIN WITH SPEAKER PHONE	Exclusion	0.02	20-09-2010	0.02	2018-19	FIXED ASSETS OF MINOR VALUE >750
193	412801 LAN SWITCH 8 PORT	Exclusion	0.03	22-03-2011	0.03	2018-19	FIXED ASSETS OF MINOR VALUE >750
194	412801 PRINTER HP DJ INK ADAVANTAGE K109A	Exclusion	0.05	29-06-2011	0.05	2018-19	FIXED ASSETS OF MINOR VALUE >750
195	412801 PRINTER HP DJ INK ADAVANTAGE K109A	Exclusion	0.05	29-06-2011	0.05	2018-19	FIXED ASSETS OF MINOR VALUE >750
196	412801 PRINTER HP DJ INK ADAVANTAGE K109A	Exclusion	0.05	29-06-2011	0.05	2018-19	FIXED ASSETS OF MINOR VALUE >750
197	412801 PRINTER HP DJ INK ADAVANTAGE K109A	Exclusion	0.05	29-06-2011	0.05	2018-19	FIXED ASSETS OF MINOR VALUE >750
198	412801 PRINTER HP DJ INK ADAVANTAGE K109A	Exclusion	0.05	29-06-2011	0.05	2018-19	FIXED ASSETS OF MINOR VALUE >750
199	412801 8 PORT GIGABIT SWITCH 10/100/1000 MBPS	Exclusion	0.03	19-05-2012	0.03	2018-19	FIXED ASSETS OF MINOR VALUE >750
200	412801 8 PORT GIGABIT SWITCH 10/100/1000 MBPS	Exclusion	0.03	19-05-2012	0.03	2018-19	FIXED ASSETS OF MINOR VALUE >750
201	412801 8 PORT GIGABIT SWITCH 10/100/1000 MBPS	Exclusion	0.02	08-07-2013	0.02	2018-19	FIXED ASSETS OF MINOR VALUE >750
202	412801 8 PORT GIGABIT SWITCH 10/100/1000 MBPS	Exclusion	0.02	08-07-2013	0.02	2018-19	FIXED ASSETS OF MINOR VALUE >750
203	412801 8 PORT GIGABIT SWITCH 10/100/1000 MBPS	Exclusion	0.02	08-07-2013	0.02	2018-19	FIXED ASSETS OF MINOR VALUE >750
204	412801 WALL MOUNTED SPEAKERS MODE WS-664T GR No:- MES2005100010 28/11/2005	Exclusion	0.01	01-12-2005	0.01	2018-19	FIXED ASSETS OF MINOR VALUE >750
205	412801 WALL MOUNTED SPEAKERS MODE WS-664T GR No:- MES2005100010 28/11/2005	Exclusion	0.01	01-12-2005	0.01	2018-19	FIXED ASSETS OF MINOR VALUE >750
206	412801 WALL MOUNTED SPEAKERS MODE WS-664T GR No:- MES2005100010 28/11/2005	Exclusion	0.01	01-12-2005	0.01	2018-19	FIXED ASSETS OF MINOR VALUE >750
207	412801 MEDIA CONVERTER GIGABIT - SM (1000MBPS)	Exclusion	0.03	18-05-2010	0.03	2018-19	FIXED ASSETS OF MINOR VALUE >750
208	412801 MEDIA CONVERTER GIGABIT - SM (1000MBPS)	Exclusion	0.03	18-05-2010	0.03	2018-19	FIXED ASSETS OF MINOR VALUE >750
209	412801 24 PORT 10/100/1000 MBPS SWITCH, UNMANAGED 19 INCH RACK MOUNTABLE	Exclusion	0.04	07-02-2012	0.04	2018-19	FIXED ASSETS OF MINOR VALUE >750
210	412801 8 PORT UNMANAGED SWITCH	Exclusion	0.01	07-02-2012	0.01	2018-19	FIXED ASSETS OF MINOR VALUE >750
211	412801 8 PORT UNMANAGED SWITCH	Exclusion	0.01	07-02-2012	0.01	2018-19	FIXED ASSETS OF MINOR VALUE >750
212	412801 D-LINK WIRELESS LANCARD	Exclusion	0.03	05-03-2010	0.03	2018-19	FIXED ASSETS OF MINOR VALUE >750
213	412801 MODEM FOR WI-FI CONNECTION	Exclusion	0.02	06-09-2013	0.02	2018-19	FIXED ASSETS OF MINOR VALUE >750
214	412801 8 PORT UNMANAGED SWITCH	Exclusion	0.02	02-05-2015	0.02	2018-19	FIXED ASSETS OF MINOR VALUE >750
215	412801 GAS REGULATOR	Exclusion	0.03	01-09-1999	0.03	2018-19	FIXED ASSETS OF MINOR VALUE >750
216	412801 GAS REGULATOR	Exclusion	0.04	01-09-1999	0.03	2018-19	FIXED ASSETS OF MINOR VALUE >750
217	412801 B.P APPRATUS MURCURY , MED2008100001 JAN09	Exclusion	0.02	18-02-2009	0.02	2018-19	FIXED ASSETS OF MINOR VALUE >750
218	412801 B.P APPRATUS MURCURY , MED2008100001 JAN09	Exclusion	0.02	18-02-2009	0.02	2018-19	FIXED ASSETS OF MINOR VALUE >750
219	412801 B.P APPRATUS MURCURY , MED2008100001 JAN09	Exclusion	0.02	18-02-2009	0.02	2018-19	FIXED ASSETS OF MINOR VALUE >750
220	412801 B.P APPRATUS MURCURY , MED2008100001 JAN09	Exclusion	0.02	18-02-2009	0.02	2018-19	FIXED ASSETS OF MINOR VALUE >750
221	412801 B.P APPRATUS MURCURY , MED2008100001 JAN09	Exclusion	0.02	18-02-2009	0.02	2018-19	FIXED ASSETS OF MINOR VALUE >750
222	412801 B.P APPRATUS MURCURY , MED2008100001 JAN09	Exclusion	0.02	18-02-2009	0.02	2018-19	FIXED ASSETS OF MINOR VALUE >750
223	412801 OHM'S LAW EXP. IN BOX	Exclusion	0.01	27-03-2015	0.01	2018-19	FIXED ASSETS OF MINOR VALUE >750
224	412801 WEIGHING M/C 100 KG., GR NO. 817 OF 14.12.1998	Exclusion	0.03	01-10-2000	0.03	2018-19	FIXED ASSETS OF MINOR VALUE >750
225	412801 ELECTRIC CENTRIFUGE	Exclusion	0.03	01-03-1998	0.03	2018-19	FIXED ASSETS OF MINOR VALUE >750
226	412801 SIDE SCREEN GR NO. 004824 & 004825/19.04.1999	Exclusion	0.01	01-03-2000	0.01	2018-19	FIXED ASSETS OF MINOR VALUE >750
227	412801 SIDE SCREEN GR NO. 004824 & 004825/19.04.1999	Exclusion	0.01	01-03-2000	0.01	2018-19	FIXED ASSETS OF MINOR VALUE >750
228	412801 LAN SWITCH 8 PORT	Exclusion	0.03	22-03-2011	0.03	2018-19	FIXED ASSETS OF MINOR VALUE >750
229	412801 LAN SWITCH 8 PORT	Exclusion	0.03	22-03-2011	0.03	2018-19	FIXED ASSETS OF MINOR VALUE >750
230	412801 PORTABLE DRILL MACHINE GR NO. JLS2006100020	Exclusion	0.04	01-09-2006	0.04	2018-19	FIXED ASSETS OF MINOR VALUE >750
231	412801 SUCTION MACHINE	Exclusion	0.05	01-02-2000	0.05	2018-19	FIXED ASSETS OF MINOR VALUE >750
232	412801 PATTI CHULAH HEAVY DUTY COMPLETE WITH PIPE, BURNER & REGULATOR	Exclusion	0.01	01-03-2002	0.01	2018-19	FIXED ASSETS OF MINOR VALUE >750
233	412801 PATTI CHULAH HEAVY DUTY COMPLETE WITH PIPE, BURNER & REGULATOR	Exclusion	0.01	01-03-2002	0.01	2018-19	FIXED ASSETS OF MINOR VALUE >750
234	412801 ELECTRIC TOSTER	Exclusion	0.02	01-01-1998	0.02	2018-19	FIXED ASSETS OF MINOR VALUE >750
235	412801 FUMINIGATER	Exclusion	0.07	01-02-2000	0.07	2018-19	FIXED ASSETS OF MINOR VALUE >750
236	412801 MIXER GRINDER	Exclusion	0.04	23-03-2016	0.03	2018-19	FIXED ASSETS OF MINOR VALUE >750
237	412801 MIXER GRINDER	Exclusion	0.04	17-03-2018	0.04	2018-19	FIXED ASSETS OF MINOR VALUE >750



Sl. No.	Name of the Asset	Nature of de-capitalization (whether claimed under exclusion or as additional capital expenditure)	Original Value of the Asset De-Capitalised	Year Put to use	Depreciation recovered till date of De-capitalization	Year of De-capitalization	Remarks
1	2	3	4	5	6		
238	412801 PRESSURE COOKER 5 LTR. MAHINDRA MAKE# GR# 454 DT. 6.3.02	Exclusion	0.01	01-03-2002	0.01	2018-19	FIXED ASSETS OF MINOR VALUE >750
239	412801 Dumbbell Stand MES2007100028	Exclusion	0.03	18-03-2008	0.03	2018-19	FIXED ASSETS OF MINOR VALUE >750
240	412801 Abdominal Boards MES2007100028	Exclusion	0.03	18-03-2008	0.03	2018-19	FIXED ASSETS OF MINOR VALUE >750
241	412801 Dumbbell Chairs MES2007100028	Exclusion	0.03	18-03-2008	0.03	2018-19	FIXED ASSETS OF MINOR VALUE >750
242	412801 Dumbbell Chairs MES2007100028	Exclusion	0.03	18-03-2008	0.03	2018-19	FIXED ASSETS OF MINOR VALUE >750
243	412801 Twister (standing & Sauting) MES2007100028	Exclusion	0.04	18-03-2008	0.04	2018-19	FIXED ASSETS OF MINOR VALUE >750
244	412801 MUSICAL INSTRUMENT(HARMONIUM)GR2562,21.02.08	Exclusion	0.05	12-03-2008	0.05	2018-19	FIXED ASSETS OF MINOR VALUE >750
245	412801 MUSICAL INSTRUMENT, TABLE SET, GR2562, 21.02.08	Exclusion	0.03	12-03-2008	0.03	2018-19	FIXED ASSETS OF MINOR VALUE >750
246	412801 MUSICAL INSTRUMENT GR2562(DIOLAK), 21.02.08	Exclusion	0.01	12-03-2008	0.01	2018-19	FIXED ASSETS OF MINOR VALUE >750
247	412801 EXAMINATION TABLE GR NO. 004824 & 004825/19.04.1999	Exclusion	0.02	01-03-2000	0.02	2018-19	FIXED ASSETS OF MINOR VALUE >750
248	412801 EXAMINATION TABLE GR NO. 004824 & 004825/19.04.1999	Exclusion	0.02	01-03-2000	0.02	2018-19	FIXED ASSETS OF MINOR VALUE >750
249	412801 EXAMINATION TABLE GR NO. 004824 & 004825/19.04.1999	Exclusion	0.02	01-03-2000	0.02	2018-19	FIXED ASSETS OF MINOR VALUE >750
250	412801 Patient Back Rest Stand, MED2008100001 JAN09	Exclusion	0.02	18-02-2009	0.02	2018-19	FIXED ASSETS OF MINOR VALUE >750
251	412801 CONTINENTAL SURGICAL EMPORIUM NEW DELHI	Exclusion	0.05	01-03-1998	0.05	2018-19	FIXED ASSETS OF MINOR VALUE >750
Total			146.07				
Claimed deletion			52.08				
Deletion under exclusion			94.00				

Assume Deletion

1	410714	410701/410714-Replacement of 400 KVA XLPE Cable -M/S SUDKABEL GmbH Germany, Supervision ABB	Claimed	294.07	12/21/2018	219.26	2018-19	Claimed ref Sl. No.5
2	410701	2002010001- GPS Synchronising Equipment CPO4431 DOP - 09 JAN 2003	Claimed	3.00	24-09-2018	1.54	2018-19	Claimed ref Sl. No.9
3	412503	412503- DIGITAL RAINFALL RECORDER	Claimed	0.27	29-09-2018	0.20	2018-19	Claimed ref Sl. No.10
Total assumed deletion				297.34				
Total claimed deletion(Including of assumed deletion)				349.42				

For Arora Vohra & Co.
Chartered Accountants



For NHPC Ltd.

(M G Gokhale)
GM (Commercial)

Statement showing items / assets / works claimed under Exclusions

Name of the Petitioner :
Name of the Generating Station :
COD : 01.06.1997

NHPC Limited
URI-I Power Station

Rs. In Lakhs

Sl. No.	Head of Work / Equipment	ACE Claimed under Exclusion				Justification
		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
Exclusion for the year 2014-15						
1	410714 GEAR FOR 13.8 KV FIELD BREAKER FOR URI-I PS	0.04	-	0.04	-	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
2	410714 410714-UPPER WEAR RING STATIONARY 1021/10/28/3361	10.31		10.31		CAPITAL SPARES-GENERATING PLANT AND MACHINERY
3	410714 410714-UPPER WEAR RING STATIONARY 1021/10/28/3361	10.31		10.31		CAPITAL SPARES-GENERATING PLANT AND MACHINERY
4	410714 410714-LOWER WEAR RING STATIONARY 1021/10/18/2562	12.03		12.03		CAPITAL SPARES-GENERATING PLANT AND MACHINERY
5	410714 410714-LOWER WEAR RING STATIONARY 1021/10/18/2562	12.03		12.03		CAPITAL SPARES-GENERATING PLANT AND MACHINERY
6	410714 GEAR FOR 13.8 KV FIELD BREAKER FOR URI-I PS	0.04	-	0.04	-	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
7	410714 UPPER WEAR RING STATIONARY 1021/10/28/3361	9.26	-	9.26	-	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
8	410714 LOWER WEAR RING STATIONARY 1021/10/18/2562	10.42	-	10.42	-	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
9	410714 GEAR FOR 13.8 KV FIELD BREAKER FOR URI-I PS	0.04	-	0.04	-	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
10	410714 GEAR FOR 13.8 KV FIELD BREAKER FOR URI-I PS	0.04	-	0.04	-	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
11	410714 TUBE BUNDLE FOR HEAT EXCHANGER TYPE AEW 26-182 (1)	28.79	-	28.79	-	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
12	410714 TUBE BUNDLE FOR HEAT EXCHANGER TYPE AEW 26-182 (1)	28.79	-	28.79	-	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
13	410714 STEP CONTROLLER OF 30HR225 FOR AC & V SYSTEM	2.47	-	2.47	-	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
14	410714 DISCHARGE GAS THERMOSTAT OF 30HR225 CHILLING PLANT	0.17	-	0.17	-	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
15	411704 CHAIR -BRAVO HIGH BACK-9U01RG	0.23	-	0.23	-	FURNITURE-FIXTURES-SCHOOL
16	411704 GLASSDOOR ALMIRAH STOREWEL (1981H X 916 W X 486 D) 11 nos	2.75		2.75		FURNITURE-FIXTURES-SCHOOL
17	411704 GODREJ TABLE T9 nos.3	0.48	-	0.48	-	FURNITURE-FIXTURES-SCHOOL
18	411704 GODREJ TABLE T-8 nos.3	0.30		0.30		FURNITURE-FIXTURES-SCHOOL
19	411801 LAPTOP COMPUTER HP PRO 4440S	0.54	-	0.54	-	COMPUTERS
20	411801 INTEL CORE I3- PROCESSOR, 4 GB RAM, 500GB HDD, HP, MODEL NO. 250	0.69	-	0.69	-	COMPUTERS
21	411803 LASER PRINTER 10 nos	1.10		1.10		PRINTERS
22	411804 CISCO ROUTER MODEL 1941 SEC K9 WITH ALL ACCESSORIES 4 nos	4.19		4.19		OTHER EDP EQUIPMENTS
23	411903 FULL HD 1080P VIDEO CONFERENCING EQUIPMENT INCLUDING FULL HD CAMERA INCLUDING ACCESORIES,CISCO SX20	0.50	-	0.50	-	INTERIOR COMMUNICATION EQUIPMENTS
24	412011 GEYSER 50 LTR 25 nos	3.00		3.00		



Sl. No.	Head of Work / Equipment		ACE Claimed under Exclusion				Justification
			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
25	412020	TRIAXIAL JOINT METRE FOR 50MM RANGE, MAKE -GAUGE MODEL - 50MM RANGE	0.16	-	0.16	-	OTHER OFFICE EQUIPMENTS
26	412020	OIL FILLED RADIATOR/HEATER 30 nos	2.82		2.82		OTHER OFFICE EQUIPMENTS
27	412020	GEYSER 50 LTR 30 nos	3.55		3.55		OTHER OFFICE EQUIPMENTS
28	412020	AQUAGUARD RO REVIVA WITH 8 LITRE STORAGE CAPACITY 10 nos	1.62		1.62		OTHER OFFICE EQUIPMENTS
29	412501	ADJUSTMENT IN ASSETS VALUE 20NOS EXCESS BOOKING REVERSAL 15 NOS	-0.11		-0.11		TELEVISIONS/MUSIC SYSTEMS OTHER THAN FOR OFFICE, PROJECTORS, AUDIO VISUALS EQUIPMENTS
30	412502	OPTICAL BENCH 1.5 METER (COMPLETE) SS QUALITY- (OPTICAL BENCH, 4 UPRIGHT, 2 MIRROR HOLDER, 2 NEEDLE) 5 NOS	0.33		0.33		LABORATORY TESTING AND METER TESTING EQUIPMENTS
31	412502	PHYSICAL BALANCE DIGITAL - STANDARD SIZE LEAST COUNT 0.0001G	0.15	-	0.15	-	LABORATORY TESTING AND METER TESTING EQUIPMENTS
32	412502	DIGITAL BALANCE (LEAST COUNT 0.0001 G)	0.15	-	0.15	-	LABORATORY TESTING AND METER TESTING EQUIPMENTS
33	412502	SURFACE TENSION COMP.+TRAVELLING MICROSCOPE WITH CROSSED EYE PIECE+PETRY DISH- (STANDARD SIZE)	0.08	-	0.08	-	LABORATORY TESTING AND METER TESTING EQUIPMENTS
34	412502	DIGITAL BALANCE (LEAST COUNT 0.0001 G)	0.15	-	0.15	-	LABORATORY TESTING AND METER TESTING EQUIPMENTS
35	412502	BINOCULAR MICROSCOPE WITH OIL IMMERSION	0.43	-	0.43	-	LABORATORY TESTING AND METER TESTING EQUIPMENTS
36	412502	MICROWAVE OVEN (INNER HEIGHT MUST BE 30 CM AT LEAST)	0.17	-	0.17	-	LABORATORY TESTING AND METER TESTING EQUIPMENTS
37	412502	ELECTRIC WATER BATH, PESI MAKE	0.05	-	0.05	-	LABORATORY TESTING AND METER TESTING EQUIPMENTS
38	412502	MICROSCOPE OLYMPUS OCCULAR	0.07	-	0.07	-	LABORATORY TESTING AND METER TESTING EQUIPMENTS
39	412503	AQUAGUARD RO REVIVA WITH 8 LITRE STORAGE CAPACITY 25 NOS	4.08		4.08		MISC. ASSETS/EQUIPMENTS
40	412801	VISITOR CHAIR MODEL CH 1007	0.11	-	0.11	-	FIXED ASSETS OF MINOR VALUE >750
41	412801	GODREJ CHAIR CH 1112 six nos	0.21	-	0.21	-	FIXED ASSETS OF MINOR VALUE >750
42	412801	REVOLVING STOOL HT ADJ. WITH BACK 75 NOS	2.41		2.41		FIXED ASSETS OF MINOR VALUE >750
43	412801	RESISTANCE BOX-50000 OHM nos.4	0.12	-	0.12	-	FIXED ASSETS OF MINOR VALUE >750
44	412801	RESISTANCE BOX-1000 OHM	0.08	-	0.08	-	FIXED ASSETS OF MINOR VALUE >750
45	412801	RESISTANCE BOX-500 OHM	0.01	-	0.01	-	FIXED ASSETS OF MINOR VALUE >750
46	412801	REHOSTAT-500 OHM	0.01	-	0.01	-	FIXED ASSETS OF MINOR VALUE >750
47	412801	REHOSTAT-50 OHM	0.01	-	0.01	-	FIXED ASSETS OF MINOR VALUE >750
48	412801	REHOSTAT-2250 OHM	0.05	-	0.05	-	FIXED ASSETS OF MINOR VALUE >750
49	412801	POTENTIOMETER (800CM WIRE) - STANDARD SIZE	0.01	-	0.01	-	FIXED ASSETS OF MINOR VALUE >750
50	412801	POTENTIOMETER (800CM WIRE) - STANDARD SIZE	0.04	-	0.04	-	FIXED ASSETS OF MINOR VALUE >750
51	412801	P-N JUNCTION (COMPLETE)-IN COMPLETE BOX nos.2	0.03	-	0.03	-	FIXED ASSETS OF MINOR VALUE >750



2
97

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
52	412801	N-P-N TRANSISTER (COMPLETE) -IN COMPLETE BOX	0.04	-	0.04	-	FIXED ASSETS OF MINOR VALUE >750
53	412801	1 TB USB EXTERNAL HARD DISK	0.05	-	0.05	-	FIXED ASSETS OF MINOR VALUE >750
54	412801	1 TB USB EXTERNAL HARD DISK	0.05	-	0.05	-	FIXED ASSETS OF MINOR VALUE >750
55	412801	VOLUMETRIC FLASK 250ML nos.3	0.01	-	0.01	-	FIXED ASSETS OF MINOR VALUE >750
56	412801	BOYELS LAW EXP. COMP.,GLASS U-TUBE 14MM DIA WITH ONE LIMB 22CM LONG&GRADUATED LIMB OF LENGTH 12 CM.	0.01	-	0.01	-	FIXED ASSETS OF MINOR VALUE >750
57	412801	DISSECTION MICROSCOPE, SUSWOX MAKE	0.03	-	0.03	-	FIXED ASSETS OF MINOR VALUE >750
58	412801	NEWTON LAW OF COOLING EXPERIMENT COMPLETE,CONSISTS OF TWO COPPER CALORIMETER 2X1 nos.2	0.02	-	0.02	-	FIXED ASSETS OF MINOR VALUE >750
59	412801	ELECTRONIC PHMETER	0.01	-	0.01	-	FIXED ASSETS OF MINOR VALUE >750
60	412801	ZENER DIODE (COMPLETE) -IN COMPLETE BOX	0.03	-	0.03	-	FIXED ASSETS OF MINOR VALUE >750
61	412801	STEP DOWN TRANSFORMER- (2-12V WITH TAPPING AT 2V,4V,6V,8V,10,12V)	0.01	-	0.01	-	FIXED ASSETS OF MINOR VALUE >750
62	412801	OHM'S LAW EXP. IN BOX	0.01	-	0.01	-	FIXED ASSETS OF MINOR VALUE >750
63	412801	RASONANCE TUBE COMPLETE EXP. (INCL. PIPE)-STANDARD SIZE	0.01	-	0.01	-	FIXED ASSETS OF MINOR VALUE >750
64	412801	RASONANCE TUBE COMPLETE EXP. (INCL. PIPE)-STANDARD SIZE	0.01	-	0.01	-	FIXED ASSETS OF MINOR VALUE >750
65	412801	YOUNGS MODULUS EXP,DIRECT-DIAL-TYPE MICROMETER MOUNTED ON YOUNG'S MODULUS APP. IS L.C 0.01MM	0.02	-	0.02	-	FIXED ASSETS OF MINOR VALUE >750
66	412801	YOUNGS MODULUS EXP,DIRECT-DIAL-TYPE MICROMETER MOUNTED ON YOUNG'S MODULUS APP. IS L.C 0.01MM	0.02	-	0.02	-	FIXED ASSETS OF MINOR VALUE >750
67	412801	VISCOSITY EXP. COMPLETE APPARATUS-STANDAR SIZE	0.02	-	0.02	-	FIXED ASSETS OF MINOR VALUE >750
68	412801	SPRING BALANCE EXP APPARATUS COMPLETE (K -COSTANT EXP. (BRASS)	0.01	-	0.01	-	FIXED ASSETS OF MINOR VALUE >750
69	412801	SPRING BALANCE EXP APPARATUS COMPLETE (K -COSTANT EXP. (BRASS)	0.01	-	0.01	-	FIXED ASSETS OF MINOR VALUE >750
70	412801	DISSECTION WAX TRAY 8 NOS	0.03	-	0.03	-	FIXED ASSETS OF MINOR VALUE >750
71	412801	METER BRIDGE ,FOUR GAP TYPE,FXED ON WOODEN BASE. CONSTANTAN WIRE,JOIN WITH COPPERSTRIP, JOCKEY 5 NOS	0.04	-	0.04	-	FIXED ASSETS OF MINOR VALUE >750
72	412801	COPPER CALLORIMETER	0.00	-	0.00	-	FIXED ASSETS OF MINOR VALUE >750
73	412801	KIPPS APPARRATUS POLUTHENE 500 ML	0.01	-	0.01	-	FIXED ASSETS OF MINOR VALUE >750
74	412801	ELECTRONIC BALANCE FOR (0.001G)	0.02	-	0.02	-	FIXED ASSETS OF MINOR VALUE >750
75	412801	ELECTRIC KETTLE STAINLESS STEEL	0.02	-	0.02	-	FIXED ASSETS OF MINOR VALUE >750
76	412801	ELECTRIC KETTLE STAINLESS STEEL	0.02	-	0.02	-	FIXED ASSETS OF MINOR VALUE >750
77	412801	BLOOD TEST KIT (A,B,O,RH)	0.01	-	0.01	-	FIXED ASSETS OF MINOR VALUE >750
78	411701	CHAIR PCH-9101R	0.15	-	0.15	-	FURNITURE-FIXTURES-OFFICE
79	411701	TABLE T9	0.10	-	0.10	-	FURNITURE-FIXTURES-OFFICE



12

98

Sl. No.	Head of Work / Equipment		ACE Claimed under Exclusion				Justification
			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
80	411701	GODREJ TABLE	0.07	-	0.07	-	FURNITURE-FIXTURES-OFFICE
81	411701	CENTRE TABLE +2 SIDE TABLE +3 BOOK	0.43	-	0.43	-	FURNITURE-FIXTURES-OFFICE
82	411701	DRESSING TABLE	0.08	-	0.08	-	FURNITURE-FIXTURES-OFFICE
83	411801	COMPUTER	0.40	-	0.40	-	COMPUTERS
84	411801	HP COMPUTER, INTEL CORE 2	0.34	-	0.34	-	COMPUTERS
85	411801	COMPUTER	0.37	-	0.37	-	COMPUTERS
86	411801	LAPTOP COMPUTER-ACER TRAVEL MATE	0.40	-	0.40	-	COMPUTERS
87	411803	HP PHOTOSMART PRINTER, MODEL HP B210A	0.10	-	0.10	-	PRINTERS
88	411903	FULL HD 1080P VIDEO CONFERENCING EQUIPMENT INCLUDING FULL HD CAMERA INCLUDING ACCESORIES,CISCO SX20	3.67	-	3.67	-	INTERIOR COMMUNICATION EQUIPMENTS
89	412020	Oil Filled Heater	0.07	-	0.07	-	OTHER OFFICE EQUIPMENTS
90	412020	Oil Filled Heater	0.07	-	0.07	-	OTHER OFFICE EQUIPMENTS
91	412020	XEROX PHASER	0.21	-	0.21	-	OTHER OFFICE EQUIPMENTS
92	412201	MICROSOFT OFFICE	0.36	-	0.36	-	INTANGIBLE ASSETS-COMPUTER SOFTWARE
93	412501	TV nos.3	1.05	-	1.05	-	TELEVISIONS/MUSIC SYSTEMS OTHER THAN FOR OFFICE, PROJECTORS, AUDIO VISUALS EQUIPMENTS
94	412501	DISH WITH SET TOP BOX 1+3	0.06	-	0.06	-	TELEVISIONS/MUSIC SYSTEMS OTHER THAN FOR OFFICE, PROJECTORS, AUDIO VISUALS EQUIPMENTS
95	412503	INVERTER	0.09	-	0.09	-	MISC. ASSETS/EQUIPMENTS
96	412503	BATTERY FOR INVERTER	0.08	-	0.08	-	MISC. ASSETS/EQUIPMENTS
97	412503	BATTERY FOR INVERTER	0.08	-	0.08	-	MISC. ASSETS/EQUIPMENTS
98	412503	INVERTER WITH BATTERY	0.27	-	0.27	-	MISC. ASSETS/EQUIPMENTS
99	412503	INVERTER WITH BATTERY	0.27	-	0.27	-	MISC. ASSETS/EQUIPMENTS
100	412801	CHAIR CUSHIONED (TB)	0.02	-	0.02	-	FIXED ASSETS OF MINOR VALUE >750
101	412801	CHAIR CUSHIONED (TB)	0.02	-	0.02	-	FIXED ASSETS OF MINOR VALUE >750
102	412801	CHAIR CUSHIONED (TB)	0.02	-	0.02	-	FIXED ASSETS OF MINOR VALUE >750
103	412801	CHAIR CH 7B	0.02	-	0.02	-	FIXED ASSETS OF MINOR VALUE >750
104	412801	CHAIR CH 7B	0.02	-	0.02	-	FIXED ASSETS OF MINOR VALUE >750
105	412801	WOODEN TABLE(SUMICA)	0.02	-	0.02	-	FIXED ASSETS OF MINOR VALUE >750
106	412801	WOODEN TABLE(SUMICA)	0.02	-	0.02	-	FIXED ASSETS OF MINOR VALUE >750
107	412801	WOODEN TABLE	0.02	-	0.02	-	FIXED ASSETS OF MINOR VALUE >750
108	412801	WOODEN TABLE	0.02	-	0.02	-	FIXED ASSETS OF MINOR VALUE >750
109	412801	Blower Delonghi nos.6	0.09	-	0.09	-	FIXED ASSETS OF MINOR VALUE >750
110	412801	USHA LEXUS HEATER	0.10	-	0.10	-	FIXED ASSETS OF MINOR VALUE >750



Sl. No.	Head of Work / Equipment		ACE Claimed under Exclusion				Justification
			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
111	412801	INSECT KILLER 1.5 FT	0.04	-	0.04	-	FIXED ASSETS OF MINOR VALUE >750
112	412801	UPS LUMINOUS 800VA	0.09	-	0.09	-	FIXED ASSETS OF MINOR VALUE >750
113	412801	UPS MICROTEK (800VA) DOUBLE BATTERY (SINGLE PC)	0.03	-	0.03	-	FIXED ASSETS OF MINOR VALUE >750
114	412801	MOBILE KARBON A21	0.04	-	0.04	-	FIXED ASSETS OF MINOR VALUE >750
115	412801	D-LINK WIRELESS LANCARD	0.03	-	0.03	-	FIXED ASSETS OF MINOR VALUE >750
116	412801	MODEM FOR WI-FI CONNECTION	0.02	-	0.02	0	FIXED ASSETS OF MINOR VALUE >750
117	410713	410713-4 DIGIT SOUND LEVEL METER BACKLIT LCD, RANGE 35 TO 130DB	0.39	-	0.39	-	MISCELLANEOUS POWER PLANT EQUIPMENTS
118	410713	410713-THERMOVISION CAMERA WITH ACCESSORIES, TESTO 875-II	3.22	-	3.22	-	MISCELLANEOUS POWER PLANT EQUIPMENTS
119	410713	410713-ELECTRIC WIRE ROPE HOIST, CAPACITY 2.5 TON 6 NOS	14.21	-	14.21	-	MISCELLANEOUS POWER PLANT EQUIPMENTS
120	410713	410713-PORTABLE GAS DETECTOR, MAKE GREISINGER, MODEL GMH3691	0.62	-	0.62	-	MISCELLANEOUS POWER PLANT EQUIPMENTS
121	411109	411109-MOBILE FLOOR CRANE CAPACITY- 2TON, NILKAMAL MAKE	1.58	-	1.58	-	CRANES (UP TO 100 TONS)
122	411109	411109-MOBILE FLOOR CRANE CAPACITY- 2TON, NILKAMAL MAKE	1.58	-	1.58	-	CRANES (UP TO 100 TONS)
123	411130	411130-ELECTICAL LAWN MOVERS, 1300 WATT, MAKE: CASTLE GARDEN	0.14	-	0.14	-	OTHER EQUIPMENT
124	411130	411130-MANUAL LAWN MOVERS FALCON-42	0.05	-	0.05	-	OTHER EQUIPMENT
125	411130	411130-ELECTICAL LAWN MOVERS, FALCON, NF-305	0.51	-	0.51	-	OTHER EQUIPMENT
126	410714	410714- RUNNER,DIA-2500 MM(NOMINAL),17-BLADES ,STAINLESS STEEL, KVAERNER (UK) and CAPITALISATION OF TAXES AND OTHER COST IN RESPECT OF RUNNER	629.68	-	629.68	-	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
127	410714	410714-2000A FIELD BREAKER PANEL WITH FIELD FLASHING CONTACTOR AND SHUNT FOR URI-I POWER STATION, ABB MAKE	28.12	-	28.12	-	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
128	410714	410714-SUBMERSIBLE DRAINAGE PUMP 50-55 KW, 415V, 3 PHASE, 50 HZ FLYGT CP3300.181	25.52	-	25.52	-	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
129	410714	410714-COMPRESSOR 06E299 OF 30HR225 CHILLING PLANT	5.06	-	5.06	-	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
TOTAL Exclusion for the year 2014-15 (as per Form 9C)			875.84	-	875.84	-	



Sl. No.	Head of Work / Equipment		ACE Claimed under Exclusion				Justification
			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
	Exclusion for the year 2015-16						
1	411801	PERSONAL COMPUTER (DESKTOP) 30 nos	14.19		14.19		COMPUTERS
2	411803	HP LASERJET PRO MFP M128FN,MULTIFUNCTION PRINT,SCAN,COPY,FAX two nos	0.34	-	0.34	-	PRINTERS
3	411804	OFC MEDIA CONVERTER four nos.	0.65	-	0.65	-	OTHER EDP EQUIPMENTS
4	411806	8 PORT FXS VOIP MODEM two nos	0.72	-	0.72	-	NETWORKING DEVICES & SERVER
5	411806	8 PORT FXO VOIP MODEM two nos	1.05	-	1.05	-	NETWORKING DEVICES & SERVER
6	411806	24 PORT 10/100/1000 MBPS SWITCH, UNMANAGED 19 INCH RACK MOUNTABLE two nos	0.15	-	0.15	-	NETWORKING DEVICES & SERVER
7	412005	DIGITAL CENTRIFUGE ,16-TUBES WITH TIMER - GEM	0.20	-	0.20	-	HOSPITAL EQUIPMENTS
8	412011	GEYSER 50 LTR 7 nos	0.83		0.83		AIR COOLERS/WATER COOLERS/FANS
9	412020	OIL FILLED RADIATOR/HEATER 4 nos	0.39		0.39		OTHER OFFICE EQUIPMENTS
10	412503	ROTARY HAMMER 4-24 MM,850 W, HILTI, T30	0.57	-	0.57	-	MISC. ASSETS/EQUIPMENTS
11	412503	ANGLE GRINDER 100 MM, HILTI, AG-100	0.09	-	0.09	-	MISC. ASSETS/EQUIPMENTS
12	412503	ANGLE GRINDER 125 MM, HILTI, DAG-125	0.23	-	0.23	-	MISC. ASSETS/EQUIPMENTS
13	412503	WELDING SET,PORTABLE INVERTOR BASED RECTIFIER,1-PHASE, CURRENT RANGE UPTO 200 AMP	0.31	-	0.31	-	MISC. ASSETS/EQUIPMENTS
14	412503	ARC WELDING MACHINE, RECTIFIER TYPE, I/P: 415V AC 3 PHASE 50 HZ, O/P CURRENT 10-600A DC,AIR COOLED	1.12	-	1.12	-	MISC. ASSETS/EQUIPMENTS
15	412801	PEDESTAL FAN 5 nos	0.13		0.13		FIXED ASSETS OF MINOR VALUE >750
16	412801	EXHAUST FAN LIGHT DUTY 300 MM 10 nos	0.10		0.10		FIXED ASSETS OF MINOR VALUE >750
17	412801	TELEPHONE SET WITH SPEAKER BEETEL MODEL M59 30 nos	0.31		0.31		FIXED ASSETS OF MINOR VALUE >750
18	412801	PANASONIC KX TG 3615BX CORDLESS PHONE 4 nos	0.12		0.12		FIXED ASSETS OF MINOR VALUE >750
19	412801	MOBILE SET, NOKIA 105 20 nos	0.23		0.23		FIXED ASSETS OF MINOR VALUE >750
20	412801	8 PORT UNMANAGED SWITCH 6 nos	0.12		0.12		FIXED ASSETS OF MINOR VALUE >750
21	412801	MIXER GRINDER	0.03	-	0.03	-	FIXED ASSETS OF MINOR VALUE >750
22	412801	MIXER GRINDER	0.04	-	0.04	-	FIXED ASSETS OF MINOR VALUE >750
23	412801	ELECTRIC KETTLE STAINLESS STEEL	0.01	-	0.01	-	FIXED ASSETS OF MINOR VALUE >750
24	412801	EYE TESTING DRUM	0.05	-	0.05	-	FIXED ASSETS OF MINOR VALUE >750
25	411701	DIWAN	0.08	-	0.08	-	FURNITURE-FIXTURES-OFFICE
26	411701	EASY CHAIR	0.07	-	0.07	-	FURNITURE-FIXTURES-OFFICE
27	412008	1.5T VOLTAS GOLD 2 STAR WITH STABLIZER	0.22	-	0.22	-	AIR CONDITIONERS
28	412801	CHAIR	0.02	-	0.02	-	FIXED ASSETS OF MINOR VALUE >750
29	412801	CHAIR-2	0.02	-	0.02	-	FIXED ASSETS OF MINOR VALUE >750
30	412801	CHAIR-3	0.02	-	0.02	-	FIXED ASSETS OF MINOR VALUE >750
31	412801	CHAIR-4	0.02	-	0.02	-	FIXED ASSETS OF MINOR VALUE >750



101

Sl. No.	Head of Work / Equipment		ACE Claimed under Exclusion				Justification
			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
32	410713	410713-DIGITAL CLAMP METER,VOL.0 TO 600V, CURRENT 0 TO 600A,RESISTANCE 0.1 OHM TO 400 OHM	0.21	-	0.21	-	MISCELLANEOUS POWER PLANT EQUIPMENTS
33	410713	410713-10 KVA, 3-PHASE GEN-SET	3.34	-	3.34	-	MISCELLANEOUS POWER PLANT EQUIPMENTS
34	410713	410713-BATTERY CHARGER (6 TO 12 VOLT) nos.2	0.17	-	0.17	-	MISCELLANEOUS POWER PLANT EQUIPMENTS
35	410713	410713-INVERTER SINEWAVE 850VA MAKE- EXIDE MODEL: EXIDE 850 nos.3	0.17	-	0.17	-	MISCELLANEOUS POWER PLANT EQUIPMENTS
36	410713	410713-PUBLIC ADDRESS SYSTEM WITH HORN AND MIKE nos.4	0.29	-	0.29	-	MISCELLANEOUS POWER PLANT EQUIPMENTS
37	410713	410713-SMART PHONE (MOBILE HAND SET) SAMSUNG GALAXY J7	0.15	-	0.15	-	MISCELLANEOUS POWER PLANT EQUIPMENTS
38	410713	410713-NIKON D5200 WITH VR KIT 18-55 MM nos.2	0.58	-	0.58	-	MISCELLANEOUS POWER PLANT EQUIPMENTS
39	410713	410713-SUSPENDED TYPE WEIGHING MACHINE WITH HOOK, CAPACITY: 1 TON, MAKE- UNENCO,MODEL- U/1T200	0.61	-	0.61	-	MISCELLANEOUS POWER PLANT EQUIPMENTS
40	410713	410713-SUSPENDED TYPE WEIGHING MACHINE WITH HOOK, CAPACITY: 20 TON, MAKE- UNENCO,MODEL- U/20T5K	2.88	-	2.88	-	MISCELLANEOUS POWER PLANT EQUIPMENTS
41	410713	410713-MONOBLOCK PUMP 20HP MAKE KIRLOSKAR MODEL KDS-2050	0.93	-	0.93	-	MISCELLANEOUS POWER PLANT EQUIPMENTS
42	410713	410713-SUBMERSIBLE PUMP SET 01 HP SINGLE PHASE, 220 VOLT nos.22	0.99	-			
43	410713	410713-CORDLESS BATTERY OPERATED DRILL MACHINE MODEL GSR 10.8-2LI PROFESSIONAL	0.13	-	0.13	-	MISCELLANEOUS POWER PLANT EQUIPMENTS
44	410713	410713-HEAT GUN WITH AIRFLOW AND TEMP. CONTROL ,2000W, BOSCH, GHG630DCE PROFESSIONAL	0.07	-	0.07	-	MISCELLANEOUS POWER PLANT EQUIPMENTS
45	410713	410713-IONIC AIR PURIFIER (XJ-3800-I)- CRUSADERS MAKE nos.3	0.76	-			
46	410713	410713-VACUUM CLEANER	0.48	-	0.48	-	MISCELLANEOUS POWER PLANT EQUIPMENTS
47	410713	410713-ELECTRONIC WEIGHING BALANCE-MAX CAPACITY 600 GRAMS	0.10	-	0.10	-	MISCELLANEOUS POWER PLANT EQUIPMENTS
48	410713	410713-SF6 MULTI ANALYSER WITH GAS RETURN SYSTEM - WIKA & MODEL GA11-SF6-Q-ANALYSER	13.18	-	13.18	-	MISCELLANEOUS POWER PLANT EQUIPMENTS
49	410714	410714-11 KV 1250 A MOTOR WOUND SPRING CHARGE VCB WITH CRADLE ASSEMBLY HAVING SHUNT TRIP/CLOSING COIL 110V	2.72	-	2.72		CAPITAL SPARES-GENERATING PLANT AND MACHINERY
50	410714	410714-11 KV 1250 A MOTOR WOUND SPRING CHARGE VCB WITH CRADLE ASSEMBLY HAVING SHUNT TRIP/CLOSING COIL 110V	2.72	-	2.72		CAPITAL SPARES-GENERATING PLANT AND MACHINERY
51	410714	410714-TURBINE LUBE OIL PURIFIER , CAPACITY 1000 LITER / HOUR	3.75	-	3.75		CAPITAL SPARES-GENERATING PLANT AND MACHINERY
52	410714	410714-TURBINE LUBE OIL PURIFIER , CAPACITY 1000 LITER / HOUR	3.75	-	3.75		CAPITAL SPARES-GENERATING PLANT AND MACHINERY
53	410714	410714-BOTTOM WEAR RING ROTATING (DRW 2254/2)	18.24	-	18.24		CAPITAL SPARES-GENERATING PLANT AND MACHINERY



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
54	410714	410714-UPPER WEAR RING ROTATING (DRW 2254/3)	15.00	-	15.00		CAPITAL SPARES-GENERATING PLANT AND MACHINERY
55	410714	410714-BOTTOM WEAR RING ROTATING (DRW 2254/2)	5.68		5.68		CAPITAL SPARES-GENERATING PLANT AND MACHINERY
56	410714	410714-UPPER WEAR RING ROTATING (DRW 2254/3)	5.41		5.41		CAPITAL SPARES-GENERATING PLANT AND MACHINERY
57	410804	410804-SURGE / LIGHTNING ARRESTER, GAPLESS, 20KA 6 NOS.@ Rs.208636 dated 23.3.2016	12.52		12.52		LIGHTENING ARRESTORS
58	411115	411115-LP COMP.,SUC.PR.0.87 BAR,DEL. PR. 8.5 BARGAUGE 200-210 CM/HR,MOTOR 22-25KW INGERSOLL RANDUP5-22-8	4.75	-	4.75	-	AIR COMPRESSORS
59	411508	411508-TATA SFC 407EX/31WB BS-III TWIN TYRE CAB(PTO) JK05E1858 - Misc Exp	0.10	-	0.10	-	TRUCKS/TANKERS
60	410714	410714-NUMERICAL LINE PROTECTION RELAY ABB REL 670 dated 22.03.2016- Misc Exp	5.68		5.68		CAPITAL SPARES-GENERATING PLANT AND MACHINERY
61	411508	411508-TATA SFC 407EX/31WB BS-III TWIN TYRE CAB(PTO) JK05E1859 - Misc Exp	0.10	-	0.10	-	TRUCKS/TANKERS
62	410714	410714-Generator Air Cooler (Heat Exchanger), Product Code: Qlke-160-150-4-1-4-23-1-3-X; X=Cfl4 6 nos dated 31.03.2016	28.44		28.44		CAPITAL SPARES-GENERATING PLANT AND MACHINERY
	TOTAL Exclusion for the year 2015-16 (as per Form 9C)		156.32	-	154.56	-	
	TOTAL Exclusion for the year 2014-15 and 2015-16 (as per Form 9C)		1,032.16	-	1,030.41	-	



Sl. No.	Head of Work / Equipment	ACE Claimed under Exclusion				Justification
		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

Exclusion for the year 2016-17							
1	410714	COMBINED OVER CURRENT & EARTH FAULT RELAY FOR 11KV SYSTEM, MAKE/MODEL: SIEMENS/7SR10	0.21	0.00	0.21	0.00	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
2	410714	COMBINED OVER CURRENT & EARTH FAULT RELAY FOR 11KV SYSTEM, MAKE/MODEL: SIEMENS/7SR10	0.21	0.00	0.21	0.00	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
3	410714	COMBINED OVER CURRENT & EARTH FAULT RELAY FOR 11KV SYSTEM, MAKE/MODEL: SIEMENS/7SR10	0.21	0.00	0.21	0.00	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
4	410714	COMBINED OVER CURRENT & EARTH FAULT RELAY FOR 11KV SYSTEM, MAKE/MODEL: SIEMENS/7SR10	0.21	0.00	0.21	0.00	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
5	410714	COMBINED OVER CURRENT & EARTH FAULT RELAY FOR 11KV SYSTEM, MAKE/MODEL: SIEMENS/7SR10	0.21	0.00	0.21	0.00	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
6	410714	COMBINED OVER CURRENT & EARTH FAULT RELAY FOR 11KV SYSTEM, MAKE/MODEL: SIEMENS/7SR10	0.21	0.00	0.21	0.00	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
7	410714	COMBINED OVER CURRENT & EARTH FAULT RELAY FOR 11KV SYSTEM, MAKE/MODEL: SIEMENS/7SR10	0.21	0.00	0.21	0.00	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
8	410714	COMBINED OVER CURRENT & EARTH FAULT RELAY FOR 11KV SYSTEM, MAKE/MODEL: SIEMENS/7SR10	0.21	0.00	0.21	0.00	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
9	410714	COMBINED OVER CURRENT & EARTH FAULT RELAY FOR 11KV SYSTEM, MAKE/MODEL: SIEMENS/7SR10	0.21	0.00	0.21	0.00	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
10	410714	COMBINED OVER CURRENT & EARTH FAULT RELAY FOR 11KV SYSTEM, MAKE/MODEL: SIEMENS/7SR10	0.21	0.00	0.21	0.00	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
11	410713	SECONDARY STANDARD PLATINUM RESISTANCE THERMOMETER (PRT), TEMP. RANGE 0 -250 C, FLUKE	0.91	0.00	0.91	0.00	MISCELLANEOUS POWER PLANT EQUIPMENTS
12	410713	DRY WELL TYPE TEMPERATURE CALIBRATION SYSTEM, TEMP. RANGE 35 -250 C, FLUKE	6.65	0.00	6.65	0.00	MISCELLANEOUS POWER PLANT EQUIPMENTS
13	410713	BOLT TENSIONER FOR M100 X 6 BOLT, 1500 BAR MWP WITH BT PUMP 25000 PSI WITH ALL ACCESSORIES	10.77	0.00	10.77	0.00	MISCELLANEOUS POWER PLANT EQUIPMENTS
14	410713	CT ANALYZER, 0 TO 5A AC (MIN), OMICRON	23.62	0.00	23.62	0.00	MISCELLANEOUS POWER PLANT EQUIPMENTS
15	410713	SUBMERSIBLE PUMP 1 HP	0.47	0.00	0.47	0.00	MISCELLANEOUS POWER PLANT EQUIPMENTS
16	410713	SUBMERSIBLE PUMP 1 HP	0.47	0.00	0.47	0.00	MISCELLANEOUS POWER PLANT EQUIPMENTS
17	410713	SUBMERSIBLE PUMP 1 HP	0.47	0.00	0.47	0.00	MISCELLANEOUS POWER PLANT EQUIPMENTS
18	410713	SUBMERSIBLE PUMP 1 HP	0.47	0.00	0.47	0.00	MISCELLANEOUS POWER PLANT EQUIPMENTS
19	410713	SUBMERSIBLE PUMP 1 HP	0.47	0.00	0.47	0.00	MISCELLANEOUS POWER PLANT EQUIPMENTS



Sl. No.	Head of Work / Equipment		ACE Claimed under Exclusion				Justification
			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
20	410713	SUBMERSIBLE PUMP 1 HP	0.47	0.00	0.47	0.00	MISCELLANEOUS POWER PLANT EQUIPMENTS
21	410714	AIR CIRCUIT BREAKER ,2000 A, 3POLE,415V AC, WITH DRAWABLE TYPE	1.87	0.00	1.87	0.00	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
22	410714	AIR CIRCUIT BREAKER ,2000 A, 3POLE,415V AC, WITH DRAWABLE TYPE	1.87	0.00	1.87	0.00	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
23	410714	AIR CIRCUIT BREAKER ,2000 A, 3POLE,415V AC, WITH DRAWABLE TYPE	1.87	0.00	1.87	0.00	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
24	410714	AIR CIRCUIT BREAKER ,2000 A, 3POLE,415V AC, WITH DRAWABLE TYPE	1.87	0.00	1.87	0.00	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
25	410714	RETROFIT KIT FOR AIR CIRCUIT BREAKER, 2000A, 3 POLE, 415V AC	1.29	0.00	1.29	0.00	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
26	410714	RETROFIT KIT FOR AIR CIRCUIT BREAKER, 2000A, 3 POLE, 415V AC	1.29	0.00	1.29	0.00	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
27	410714	RETROFIT KIT FOR AIR CIRCUIT BREAKER, 2000A, 3 POLE, 415V AC	1.29	0.00	1.29	0.00	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
28	410714	RETROFIT KIT FOR AIR CIRCUIT BREAKER, 2000A, 3 POLE, 415V AC	1.29	0.00	1.29	0.00	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
29	410714	RETROFIT KIT FOR AIR CIRCUIT BREAKER, 2000A, 3 POLE, 415V AC	1.29	0.00	1.29	0.00	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
30	410714	AIR CIRCUIT BREAKER ,2000 A, 3POLE,415V AC, WITH DRAWABLE TYPE	1.87	0.00	1.87	0.00	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
31	410713	DIGITAL ULTRASONIC THICKNESS GAUGE (RANGE 1.2MM TO 200 MM THICKNESS,4 DIGIT.)	0.23	0.00	0.23	0.00	MISCELLANEOUS POWER PLANT EQUIPMENTS
32	410714	GENERATOR TRANSFORMER OIL CIRCULATING PUMP,5HP,415V AC, 3 PHASE,800 LPM URI PH	1.16	0.00	1.16	0.00	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
33	410714	SQUIRREL CAGE INDUCTION MOTOR,132 KW,3 PHASE, 415 V, 50HZ, 4 POLE, FLANGE MOUNTED	3.92	0.00	3.92	0.00	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
34	410714	410714-CHEEK PLATE TOP COVER 3361/2	5.72		5.72	0.00	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
35	410714	410714-CHEEK PLATE TOP COVER 3361/2	5.72		5.72	0.00	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
36	410714	410714-CHEEK PLATE TOP COVER 3361/2	5.72		5.72	0.00	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
37	410714	410714-CHEEK PLATE BOTTOM COVER 3362/2	5.66		5.66	0.00	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
38	410714	410714-CHEEK PLATE BOTTOM COVER 3362/2	5.66		5.66	0.00	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
39	410714	410714-CHEEK PLATE BOTTOM COVER 3362/2	5.66		5.66	0.00	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
40	410714	410714-GUIDE VANE 3363/2 (01 SET CONSISTS OF 20 PIECES GUIDE VANES)	84.06		84.06	0.00	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
41	410714	410714-UPPER WEAR RING STATIONARY 1021/10/28/3361	9.02		9.02	0.00	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
42	410714	410714-UPPER WEAR RING STATIONARY 1021/10/28/3361	9.02		9.02	0.00	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
43	410714	410714-LOWER WEAR RING STATIONARY 1021/10/18/2362	9.02		9.02	0.00	CAPITAL SPARES-GENERATING PLANT AND MACHINERY



105

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
44	410714	410714-LOWER WEAR RING STATIONARY 1021/10/18/2562	9.02		9.02	0.00	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
45	410714	410714-LOWER WEAR RING STATIONARY 1021/10/18/2562	9.02		9.02	0.00	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
46	410714	410714-UPPER WEAR RING STATIONARY 1021/10/28/3361	9.02		9.02	0.00	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
47	411704	TOP-DUAL DESK WITH 19 MM PLY FITTED WITH SUNMICA, SIZE:42X16X30 nos.20	1.07	0.00	1.07	0.00	FURNITURE-FIXTURES-SCHOOL
48	411704	OFFICE TABLE (SUNMICA TOP) , 60X30X30 4 nos	0.67	0.00	0.67	0.00	FURNITURE-FIXTURES-SCHOOL
49	411704	TEACHERS TABLE, 36X24X30	0.65	0.00	0.65	0.00	FURNITURE-FIXTURES-SCHOOL
50	411704	HEXAGONAL TABLE, SIZE 48X48X24 four nos	0.32	0.00	0.32	0.00	FURNITURE-FIXTURES-SCHOOL
51		COMPUTER TABLE, 48X24X30 two nos	0.20	0.00	0.20	0.00	FURNITURE-FIXTURES-SCHOOL
52	411704	OFFICE TABLE , 60X36X30 three nos	0.52	0.00	0.52	0.00	FURNITURE-FIXTURES-SCHOOL
53	411801	LAPTOP MODEL: HP15-AU008TX	0.82	0.00	0.82	0.00	COMPUTERS
54	411801	DELL INS 5559 (Y56650SHIN9)JIS-6200U/4/1TB/WIN10/WHT GLOSS/15.6"5BQ1K72 LAPTOP	0.40	0.00	0.40	0.00	COMPUTERS
55	411902	TELEPHONE TELEX MACHINES	0.10	0.00	0.10	0.00	TELEPHONE TELEX MACHINES
56	411903	INTERIOR COMMUNICATION EQUIPMENTS	0.09	0.00	0.09	0.00	INTERIOR COMMUNICATION EQUIPMENTS
57	412005	OXYGEN CYLINDER (MEDIUM SIZE) WITH TROLLY AND ACCESSORIES, 10.5 LTRS four nos	0.42	0.00	0.42	0.00	HOSPITAL EQUIPMENTS
58	412020	DIGITAL MULTIMETER AC VOLT-0-750 VOLT,DC VOLT 0-1000 V, AC/DC CURRENT 0-10 AMP two nos	0.14	0.00	0.14	0.00	OTHER OFFICE EQUIPMENTS
59	412020	EARTH GROUND CLAMP METER	0.51	0.00	0.51	0.00	OTHER OFFICE EQUIPMENTS
60	412501	VHF BASE STATION (TWO WAY RADIO COMMUNICATION) WITH ALL ACCESSORIES MAKE KENWOOD TK-7360 three nos	3.56	0.00	3.56	0.00	TELEVISIONS/MUSIC SYSTEMS OTHER THAN FOR OFFICE, PROJECTORS, AUDIO VISUALS EQUIPMENTS
61	412503	HYDRAULIC JACK, 55 TONNES	1.34	0.00	1.34	0.00	MISC. ASSETS/EQUIPMENTS
62	412503	ULTRASONIC WATER FLOW METER,PIPE SIZE-15MM TO 6000MM,POWER-240VAC	0.96	0.00	0.96	0.00	MISC. ASSETS/EQUIPMENTS
63	412503	ELECTRIC IMPACT WRENCH,BOSCH - GDS 18E	0.24	0.00	0.24	0.00	MISC. ASSETS/EQUIPMENTS
64	412503	ELECTRIC LAWN MOVER (1600 W), IKRA EL 1638 U nos.3	0.70	0.00	0.70	0.00	MISC. ASSETS/EQUIPMENTS
65	412503	AG REVIVA INST RO WP SYS-50LPH STORAGE	1.44	0.00	1.44	0.00	MISC. ASSETS/EQUIPMENTS
66	412801	OFFICE CHAIR, BACK 40X27, SEAT 18X18 nos.3	0.12	0.00	0.12	0.00	FIXED ASSETS OF MINOR VALUE >750
67	412801	WOODEN SEAT STRIP BACK DULY POLISHED, SEAT :34X17, 16X19 BACK nos.20	0.73	0.00	0.73	0.00	FIXED ASSETS OF MINOR VALUE >750
68	412801	TEACHER'S CHAIR , BACK HEIGHT 37.5X26 , SEAT 17.5X17.5 nos.9	0.26	0.00	0.26	0.00	FIXED ASSETS OF MINOR VALUE >750



Sl. No.	Head of Work / Equipment		ACE Claimed under Exclusion				Justification
			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
69	412801	STUDENT CHAIR (FOR CLASS 1 AND 2), BACK 30X14, SEAT 16.5X14.5 16 nos	0.34	0.00	0.34	0.00	FIXED ASSETS OF MINOR VALUE >750
70	412801	WHEEL BARROW THREE WHEELS	0.04	0.00	0.04	0.00	FIXED ASSETS OF MINOR VALUE >750
71	412801	PEDESTAL FAN 10 nos	0.24	0.00	0.24	0.00	FIXED ASSETS OF MINOR VALUE >750
72	412801	HAND HELD METAL DETECTOR 10 nos	0.40				
73	412801	UNDER VEHICLE TROLLEY MIRROR, POINT BLANK RANGE MAKE 6 nos.	0.29	0.00	0.29	0.00	FIXED ASSETS OF MINOR VALUE >750
74	412801	CLAMP ON AMMETER 0-400A two	0.08	0.00	0.08	0.00	FIXED ASSETS OF MINOR VALUE >750
75	412801	PLAN SET TELEPHONE nos.4	0.15	0.00	0.15	0.00	FIXED ASSETS OF MINOR VALUE >750
76	412801	1 TB USB EXTERNAL HARD DISK nos.4	0.19	0.00	0.19	0.00	FIXED ASSETS OF MINOR VALUE >750
77	412801	1 TB USB EXTERNAL HARD DISK	0.04	0.00	0.04	0.00	FIXED ASSETS OF MINOR VALUE >750
78	412801	TACHOMETER DIGITAL TYPE NON CONTACT TYPE 0-6000 RPM SYSTEM	0.03	0.00	0.03	0.00	FIXED ASSETS OF MINOR VALUE >750
79	412801	INFRARED THERMOMETER	0.02	0.00	0.02	0.00	FIXED ASSETS OF MINOR VALUE >750
80	412801	GEAR PUMP FOR H.P. OIL INJECTION SYSTEM DRG.NO. 21B1167AG	0.00	0.00	0.00	0.00	FIXED ASSETS OF MINOR VALUE >750
81	412801	SPIRAL BINDING MACHINE	0.03	0.00	0.03	0.00	FIXED ASSETS OF MINOR VALUE >750
82	412801	MIXER GRINDER	0.04	0.00	0.04	0.00	FIXED ASSETS OF MINOR VALUE >750
83	412801	MIXER GRINDER	0.04	0.00	0.04	0.00	FIXED ASSETS OF MINOR VALUE >750
84	412801	AMBU BAG (ARTIFICIAL RESUSCITATOR) ADULT, SILICONE 4 nos	0.08	0.00	0.08	0.00	FIXED ASSETS OF MINOR VALUE >750
85	412801	STRETCHER FOLDING TYPE WITH THICK CANVAS nos.4	0.11	0.00	0.11	0.00	FIXED ASSETS OF MINOR VALUE >750
86	412801	WHEEL CHAIR FOLDING	0.19	0.00	0.19	0.00	FIXED ASSETS OF MINOR VALUE >750
87	411701	CENTRE TABLE CHINAR WOODEN	0.25	0.00	0.25	0.00	FIXED ASSETS OF MINOR VALUE >750
88	411801	LAPTOP COMPUTER (HP PROBOOK6560B)	0.57	0.00	0.57	0.00	FIXED ASSETS OF MINOR VALUE >750
89	411801	ACER TRAVELMATE P243M LAPTOP	0.48	0.00	0.48	0.00	FIXED ASSETS OF MINOR VALUE >750
90	412801	NOKIA 225 BLACK	0.03	0.00	0.03	0.00	FIXED ASSETS OF MINOR VALUE >750
91	412201	MICROSOFT OFFICE STD 2016 SNGL OLP C 36 nos	6.61	0.00	6.61	0.00	INTANGIBLE ASSETS-COMPUTER SOFTWARE
92	412201	Enterprise Wide Antivirus Solution Mobile/Tablet for 3 years - SYMANTEC nos.6	0.13	0.00	0.13	0.00	INTANGIBLE ASSETS-COMPUTER SOFTWARE
93	412201	SYMANTEC ANTIVIRUS SOLUTION FOR DESKTOP/LAPTOP	0.83	0.00	0.83	0.00	INTANGIBLE ASSETS-COMPUTER SOFTWARE
94	410714	410714-DUPLEX STRAINER CONSISTS OF 02 NOS. OF BASKET STRAINERS, DISC. 780 M3/HR. FLNG TO FLNG. APPX. 813 MM dated 22.01.2017	6.68	0.00	6.68	0.00	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
95	410714	410714-SQUIRREL CAGE INDUCTION MOTOR, 132 KW, 3 PHASE, 415 V, 50HZ, 4 POLE, FLANGE MOUNTED	3.92	0.00	3.92	0.00	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
96	410714	412503-AUTOMATIC WATER LEVEL SENSER MONITORING SYSTEM WITH MANDATORY SPARES, VIRTUAL	8.57	0.00	8.57	0.00	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
TOTAL Exclusion for the year 2016-17 (as per Form			285.93	-	285.53	-	



107

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
	TOTAL Exclusion for the year 2014-15, 2015-16 &	1,318.09	-	1,315.93	-	-



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
	Exclusion for the year 2017-18						
1	410713	FIBER WALL SUPPORTED SINGLE LADDER SIZE: 8 FEET	0.40	0.00	0.40	0.00	MISCELLANEOUS POWER PLANT EQUIPMENTS
2	410713	FIBER WALL SUPPORTED SINGLE LADDER SIZE: 8 FEET	0.40	0.00	0.40	0.00	MISCELLANEOUS POWER PLANT EQUIPMENTS
3	410713	ALUMINIUM STOOL TYPE LADDER 6' FEET	0.04	0.00	0.04	0.00	MISCELLANEOUS POWER PLANT EQUIPMENTS
4	410713	ALUMINIUM STOOL TYPE LADDER 4' FEET	0.03	0.00	0.03	0.00	MISCELLANEOUS POWER PLANT EQUIPMENTS
5	410713	ALUMINIUM TROLLEY LADDER 3' FEET	0.14	0.00	0.14	0.00	MISCELLANEOUS POWER PLANT EQUIPMENTS
6	410713	ALUMINIUM WALL SUPPORTING EXTENSION LADDER SIZE WHEN CLOSED 14 FEET & EXTENDED 24 FIT, AL 100/8809	0.10	0.00	0.10	0.00	MISCELLANEOUS POWER PLANT EQUIPMENTS
7	410713	ALUMINIUM SELF SUPPORTING EXTENSION LADDER, CLOSED HEIGHT: 16 FEET, EXTENDED: 28 FEET	0.20	0.00	0.20	0.00	MISCELLANEOUS POWER PLANT EQUIPMENTS
8	410713	FIBER SELF SUPPORTED STOOL TYPE STEP LADDER SIZE: 5 FEET 3 nos	0.27	0.00	0.27	0.00	MISCELLANEOUS POWER PLANT EQUIPMENTS
9	410713	FIBER SELF SUPPORTED STOOL TYPE STEP LADDER SIZE: 8 FEET	0.14	0.00	0.14	0.00	MISCELLANEOUS POWER PLANT EQUIPMENTS
10	410713	ALUMINIUM WALL SUPPORTING HOOK LADDER 8' FEET	0.03	0.00	0.03	0.00	MISCELLANEOUS POWER PLANT EQUIPMENTS
11	410713	ALUMINIUM WALL SUPPORTING HOOK LADDER 8' FEET	0.03	0.00	0.03	0.00	MISCELLANEOUS POWER PLANT EQUIPMENTS
12	410713	ALUMINIUM WALL SUPPORTING HOOK LADDER 12' FEET	0.04	0.00	0.04	0.00	MISCELLANEOUS POWER PLANT EQUIPMENTS
13	410713	ALUMNIUM LADDER, SINGLE STRAIGHT, 6 FEET	0.02	0.00	0.02	0.00	MISCELLANEOUS POWER PLANT EQUIPMENTS
14	410713	ALUMNIUM LADDER, SINGLE STRAIGHT, 6 FEET	0.02	0.00	0.02	0.00	MISCELLANEOUS POWER PLANT EQUIPMENTS
15	410713	WALL SUPPORTING ALUMINIUM LADDER SIZE-10	0.04	0.00	0.04	0.00	MISCELLANEOUS POWER PLANT EQUIPMENTS
16	410713	WALL SUPPORTING ALUMINIUM LADDER SIZE-10	0.04	0.00	0.04	0.00	MISCELLANEOUS POWER PLANT EQUIPMENTS
17	410713	SIMPLE ALUMINIUM LADDER WITH WIDE STEP AND HANDRAILS HEIGHT 18 FEET	0.06	0.00	0.06	0.00	MISCELLANEOUS POWER PLANT EQUIPMENTS
18	410713	SIMPLE ALUMINIUM LADDER WITH WIDE STEP AND HANDRAILS HEIGHT 18 FEET	0.06	0.00	0.06	0.00	MISCELLANEOUS POWER PLANT EQUIPMENTS
19	410713	ALUMINIUM SELF SUPPORTING,TELESCOPIC EXTN. TOWER LADDER, CLOSE HEIGHT 18 FT, EXTENDED HEIGHT 32 FT.	1.11	0.00	1.11	0.00	MISCELLANEOUS POWER PLANT EQUIPMENTS
20	410713	DIGITAL WINDING RESISTANCE METER POWER SUPPLY 230 V SINGLE PHASE MAKE: REAL TIME SYSTEMS MODEL: SG50	7.17	0.00	7.17	0.00	MISCELLANEOUS POWER PLANT EQUIPMENTS
21	410713	DIGITAL EARTH TESTER, MAKE-MEGGER, MODEL-DET4TCR2	3.60	0.00	3.60	0.00	MISCELLANEOUS POWER PLANT EQUIPMENTS
22	410713	HYDRAULIC JACK CAPACITY-20 TON WITH PUMP AND ACCESSORIES nos.4	2.11	0.00	2.11	0.00	MISCELLANEOUS POWER PLANT EQUIPMENTS



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
23	410713	ULTRASONIC SURFACE VELOCITY RADAR, MAKE VIATRONICS MODEL VT-SVR-PRO3	4.91	0.00	4.91	0.00	MISCELLANEOUS POWER PLANT EQUIPMENTS
24	410713	PORTABLE DISSOLVED GAS ANALYSER COMPLETE WITH STANDARD ACCESSORIES	46.13	0.00	46.13	0.00	MISCELLANEOUS POWER PLANT EQUIPMENTS
25	410714	COMBINED OVER CURRENT & EARTH FAULT RELAY FOR 11KV SYSTEM, MAKE/MODEL: SIEMENS/7SR10	0.21	0.00	0.21	0.00	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
26	410714	COMBINED OVER CURRENT & EARTH FAULT RELAY FOR 11KV SYSTEM, MAKE/MODEL: SIEMENS/7SR10	0.21	0.00	0.21	0.00	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
27	410714	COMBINED OVER CURRENT & EARTH FAULT RELAY FOR 11KV SYSTEM, MAKE/MODEL: SIEMENS/7SR10	0.21	0.00	0.21	0.00	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
28	410714	COMBINED OVER CURRENT & EARTH FAULT RELAY FOR 11KV SYSTEM, MAKE/MODEL: SIEMENS/7SR10	0.21	0.00	0.21	0.00	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
29	410714	COMBINED OVER CURRENT & EARTH FAULT RELAY FOR 11KV SYSTEM, MAKE/MODEL: SIEMENS/7SR10	0.21	0.00	0.21	0.00	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
30	410714	COMBINED OVER CURRENT & EARTH FAULT RELAY FOR 11KV SYSTEM, MAKE/MODEL: SIEMENS/7SR10	0.21	0.00	0.21	0.00	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
31	410714	COMBINED OVER CURRENT & EARTH FAULT RELAY FOR 11KV SYSTEM, MAKE/MODEL: SIEMENS/7SR10	0.21	0.00	0.21	0.00	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
32	410714	COMBINED OVER CURRENT & EARTH FAULT RELAY FOR 11KV SYSTEM, MAKE/MODEL: SIEMENS/7SR10	0.21	0.00	0.21	0.00	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
33	410714	COMBINED OVER CURRENT & EARTH FAULT RELAY FOR 11KV SYSTEM, MAKE/MODEL: SIEMENS/7SR10	0.21	0.00	0.21	0.00	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
34	410714	COMBINED OVER CURRENT & EARTH FAULT RELAY FOR 11KV SYSTEM, MAKE/MODEL: SIEMENS/7SR10	0.21	0.00	0.21	0.00	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
35	410714	COMBINED OVER CURRENT & EARTH FAULT RELAY FOR 11KV SYSTEM, MAKE/MODEL: SIEMENS/7SR10	0.21	0.00	0.21	0.00	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
36	410714	COMBINED OVER CURRENT & EARTH FAULT RELAY FOR 11KV SYSTEM, MAKE/MODEL: SIEMENS/7SR10	0.21	0.00	0.21	0.00	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
37	410714	COMBINED OVER CURRENT & EARTH FAULT RELAY FOR 11KV SYSTEM, MAKE/MODEL: SIEMENS/7SR10	0.21	0.00	0.21	0.00	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
38	410714	COMBINED OVER CURRENT & EARTH FAULT RELAY FOR 11KV SYSTEM, MAKE/MODEL: SIEMENS/7SR10	0.21	0.00	0.21	0.00	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
39	410714	COMBINED OVER CURRENT & EARTH FAULT RELAY FOR 11KV SYSTEM, MAKE/MODEL: SIEMENS/7SR10	0.21	0.00	0.21	0.00	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
40	410714	TGB OIL COOLER, HEIGHT 265MM, FLANGE DIA. 200MM, NO OF TUBES 8NO. FOR URI PS	2.48	0.00	2.48	0.00	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
41	410714	TGB OIL COOLER, HEIGHT 265MM, FLANGE DIA. 200MM, NO OF TUBES 8NO. FOR URI PS	2.48	0.00	2.48	0.00	CAPITAL SPARES-GENERATING PLANT AND MACHINERY



Sl. No.	Head of Work / Equipment		ACE Claimed under Exclusion				Justification
			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
42	410714	TGB OIL COOLER, HEIGHT 265MM, FLANGE DIA. 200MM, NO OF TUBES 8NO. FOR URI PS	2.48	0.00	2.48	0.00	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
43	410714	TGB OIL COOLER, HEIGHT 265MM, FLANGE DIA. 200MM, NO OF TUBES 8NO. FOR URI PS	2.48	0.00	2.48	0.00	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
44	411701	REVOLVING CHAIR HYDRAULIC HIGH BACK	0.07	0.00	0.07	0.00	FURNITURE-FIXTURES-OFFICE
45		HIGH BACK CHAIR WITH ARMS - GODREJ & BRAVO HIGH BACK CHAIR nos.4	0.31	0.00	0.31	0.00	FURNITURE-FIXTURES-OFFICE
46	411701	MID BACK CHAIR WITH ARMS - GODREJ & BRAVO MID BACK CHAIR	1.52	0.00	1.52	0.00	FURNITURE-FIXTURES-OFFICE
47	411701	CHAIR MID BACK (REGENCY)	0.14	0.00	0.14	0.00	FURNITURE-FIXTURES-OFFICE
48	411701	CHAIR MID BACK (REGENCY)	0.14	0.00	0.14	0.00	FURNITURE-FIXTURES-OFFICE
49	411701	CHAIR MID BACK (REGENCY)	0.14	0.00	0.14	0.00	FURNITURE-FIXTURES-OFFICE
50	411701	CHAIR MID BACK (REGENCY)	0.14	0.00	0.14	0.00	FURNITURE-FIXTURES-OFFICE
51	411701	CHAIR HIGH BACK (REGENCY)	0.15	0.00	0.15	0.00	FURNITURE-FIXTURES-OFFICE
52	411701	JAFFERSON PRESIDENTIAL SUIT COMPRISING WITH CREDENZA, DLU, SU, UTP PROFILE AND MP UNIT.	3.24	0.00	3.24	0.00	FURNITURE-FIXTURES-OFFICE
53	411701	CREDENZA, DISPLAY LOWER UNIT, SIDE UNIT, UNIQUE TOP PROFILES & MOBILE PEDESTAL UNIT.	1.54	0.00	1.54	0.00	FURNITURE-FIXTURES-OFFICE
54	411701	EXECUTIVE TABLE (1800LX900WX725H)	0.29	0.00	0.29	0.00	FURNITURE-FIXTURES-OFFICE
55	411701	EXECUTIVE TABLE (1800LX900WX725H)	0.29	0.00	0.29	0.00	FURNITURE-FIXTURES-OFFICE
56	411701	COMPUTER TABLE (800LX430WX700H)	0.09	0.00	0.09	0.00	FURNITURE-FIXTURES-OFFICE
57	411701	COMPUTER TABLE (800LX430WX700H)	0.09	0.00	0.09	0.00	FURNITURE-FIXTURES-OFFICE
58	411701	COMPUTER TABLE (800LX430WX700H)	0.09	0.00	0.09	0.00	FURNITURE-FIXTURES-OFFICE
59	411701	CONFERENCE TABLE 20 SEATER-GODREJ & SENATE CONFERENCE	2.58	0.00	2.58	0.00	FURNITURE-FIXTURES-OFFICE
60	411701	DINNING TABLE WITH 6 CHAIRS	0.18	0.00	0.18	0.00	FURNITURE-FIXTURES-OFFICE
61	411701	CONFERENCE TABLE 6 SEATER-GODREJ-TALK MEMBRANCE	0.49	0.00	0.49	0.00	FURNITURE-FIXTURES-OFFICE
62	411701	DOUBLE BED WITH SIDE TABLES	0.19	0.00	0.19	0.00	FURNITURE-FIXTURES-OFFICE
63	411701	DIWAN 6*4	0.07	0.00	0.07	0.00	FURNITURE-FIXTURES-OFFICE
64	411701	SOFA SET 2 SEATER (30X20X50)	0.83	0.00	0.83	0.00	FURNITURE-FIXTURES-OFFICE
65	411701	BOOK CASE 2 DOOR	0.52	0.00	0.52	0.00	FURNITURE-FIXTURES-OFFICE
66	411707	CENTER TABLE	0.28	0.00	0.28	0.00	FURNITURE-FIXTURES-FIELD HOSTEL/TRANSIT HOSTEL
67	411707	DINING TABLE SET (WITH SIX CHAIRS)	0.44	0.00	0.44	0.00	FURNITURE-FIXTURES-FIELD HOSTEL/TRANSIT HOSTEL
68	411707	WOODEN BED-6'X3' nos.6	0.95	0.00	0.95	0.00	FURNITURE-FIXTURES-FIELD HOSTEL/TRANSIT HOSTEL
69	411707	BED BOX OF SIZE 6'X6' MAKE OF 19MM THICK HARD WOOD HEIGHT OF BOX 12"	0.24	0.00	0.24	0.00	FURNITURE-FIXTURES-FIELD HOSTEL/TRANSIT HOSTEL
70	411707	DOUBLE BED (6' X 6.5')	0.59	0.00	0.59	0.00	FURNITURE-FIXTURES-FIELD HOSTEL/TRANSIT HOSTEL



111

Sl. No.	Head of Work / Equipment		ACE Claimed under Exclusion				Justification
			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
71	411707	SOFA SET (3+1+1)	0.42	0.00	0.42	0.00	FURNITURE-FIXTURES-FIELD HOSTEL/TRANSIT HOSTEL
72	411707	SOFA SET (3+1+1)	0.42	0.00	0.42	0.00	FURNITURE-FIXTURES-FIELD HOSTEL/TRANSIT HOSTEL
73	411801	LAPTOP HP PAVILION x360 14-BA078TX	3.34	0.00	3.34	0.00	COMPUTERS
74	411803	OFFICE JET PRINTER A-3 SIZE, HP OFFICE JET 7510	0.23	0.00	0.23	0.00	PRINTERS
75	411803	HP LASERJET PRO CP1025, A4 COLOUR PRINTER	0.73	0.00	0.73	0.00	PRINTERS
76	411803	MONOCHROME LASER PRINTER, HP LASERJET PRO M 203DW nos.7	1.01	0.00	1.01	0.00	PRINTERS
77	411804	UPS 1 KVA OFFLINE	0.04	0.00	0.04	0.00	OTHER EDP EQUIPMENTS
78	411804	UPS 1 KVA OFFLINE	0.04	0.00	0.04	0.00	OTHER EDP EQUIPMENTS
79	411806	8-PORT MANAGED SWITCH, CISCO SG-300	0.20	0.00	0.20	0.00	NETWORKING DEVICES & SERVER
80	411806	WI-FI ACCESS POINT EXTENDED RANGE, ENGNIUS EWS 350 AP	0.17	0.00	0.17	0.00	NETWORKING DEVICES & SERVER
81	411806	WI-FI ACCESS POINT EXTENDED RANGE, ENGNIUS EWS 350 AP	0.17	0.00	0.17	0.00	NETWORKING DEVICES & SERVER
82	411806	RADIO ANTENNA, MICROTİK SXT LITE 5	0.13	0.00	0.13	0.00	NETWORKING DEVICES & SERVER
83	411806	RADIO ANTENNA, MICROTİK SXT LITE 5	0.13	0.00	0.13	0.00	NETWORKING DEVICES & SERVER
84	411806	WI-FI ACCESS POINT WITH POE, MAKE D-LINK MODEL WAP-2230	0.24	0.00	0.24	0.00	NETWORKING DEVICES & SERVER
85	411806	WI-FI ACCESS POINT WITH POE, MAKE D-LINK MODEL WAP-2230	0.24	0.00	0.24	0.00	NETWORKING DEVICES & SERVER
86	411806	WI-FI ACCESS POINT WITH POE, MAKE D-LINK MODEL WAP-2230	0.24	0.00	0.24	0.00	NETWORKING DEVICES & SERVER
87	411806	CISCO ASA 5506 SERIES FIREWALL	1.03	0.00	1.03	0.00	NETWORKING DEVICES & SERVER
88	411806	WIRELESS INDOOR ACCESS POINT	0.05	0.00	0.05	0.00	NETWORKING DEVICES & SERVER
89	411806	WIRELESS INDOOR ACCESS POINT	0.05	0.00	0.05	0.00	NETWORKING DEVICES & SERVER
90	411806	WIRELESS INDOOR ACCESS POINT	0.05	0.00	0.05	0.00	NETWORKING DEVICES & SERVER
91	411903	IP Phone, Make Coral Telecom - 10	0.63	0.00	0.63	0.00	INTERIOR COMMUNICATION EQUIPMENTS
92	411904	MOBILE SAMSUNG GALAXY ON5 old id : 6110172062 Created vide Circular No. A/c's 523	0.09	0.00	0.09	0.00	MOBILE PHONES/CELLULAR PHONES
93	411904	SMART MONILE PHONE MAKE SAMSUNG MODEL J2016 Old id:6110172063 Created vide Cir no. A/c's 523	0.09	0.00	0.09	0.00	MOBILE PHONES/CELLULAR PHONES
94	411904	MOBILE SAMSUNG GALAXY ON5 old id : 6110172062 Created vide Circular No. A/c's 523	0.09	0.00	0.09	0.00	MOBILE PHONES/CELLULAR PHONES
95	411904	SMART MONILE PHONE MAKE SAMSUNG MODEL J2016 Old id:6110172063 Created vide Cir no. A/c's 523	0.10	0.00	0.10	0.00	MOBILE PHONES/CELLULAR PHONES
96	412007	SEMI AUTOMATIC WASHING MACHINE, 9.5 KG, MAKE: WHIRLPOOL, MODEL: ACE XL	0.18	0.00	0.18	0.00	TRANSIT HOSTEL/GUEST HOUSE EQUIPMENTS
97	412007	SEMI AUTOMATIC WASHING MACHINE, 9.5 KG, MAKE: WHIRLPOOL, MODEL: ACE XL	0.18	0.00	0.18	0.00	TRANSIT HOSTEL/GUEST HOUSE EQUIPMENTS
98	412011	GEYSER 50 LTR nos 33	3.62	0.00	3.62	0.00	AIR COOLERS/WATER COOLERS/FANS
99	412011	GEYSER 50 LTR nos.13	1.93	0.00	1.93	0.00	AIR COOLERS/WATER COOLERS/FANS
100	412020	CO2 FIRE EXTINGUISHER 4.5 KG nos. 10	0.85	0.00	0.85	0.00	OTHER OFFICE EQUIPMENTS



112

Sl. No.	Head of Work / Equipment		ACE Claimed under Exclusion				Justification
			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
101	412020	FIRE EXTINGUISHER DCP TYPE 50 KG (TROLLY) nos.3	0.68	0.00	0.68	0.00	OTHER OFFICE EQUIPMENTS
102	412020	MICROWAVE OVEN IFB 17PG3S CHESSIS NO.000568	0.07	0.00	0.07	0.00	OTHER OFFICE EQUIPMENTS
103	412020	OIL FILLED RADIATOR/HEATER	1.94	0.00	1.94	0.00	OTHER OFFICE EQUIPMENTS
104	412020	OIL FILLED RADIATOR/HEATER nos.16	1.93	0.00	1.93	0.00	OTHER OFFICE EQUIPMENTS
105	412501	LED 32 INCH TV (SONY MAKE) MODAL 32R302E nos.21 @ Rs.22200/-	4.66	0.00	4.66	0.00	TELEVISIONS/MUSIC SYSTEMS OTHER THAN FOR OFFICE, PROJECTORS, AUDIO VISUALS EQUIPMENTS
106	412501	SAMSUNG LED 49" SMART-TV MODEL G49AE690	0.66	0.00	0.66	0.00	TELEVISIONS/MUSIC SYSTEMS OTHER THAN FOR OFFICE, PROJECTORS, AUDIO VISUALS EQUIPMENTS
107	412501	SAMSUNG LED 49" SMART-TV MODEL G49AE690	0.66	0.00	0.66	0.00	TELEVISIONS/MUSIC SYSTEMS OTHER THAN FOR OFFICE, PROJECTORS, AUDIO VISUALS EQUIPMENTS
108	412501	LED TV 32 INCH SAMSUNG MAKE, MODEL UA32FH4003. nos.4 @ Rs.23700	0.95	0.00	0.95	0.00	TELEVISIONS/MUSIC SYSTEMS OTHER THAN FOR OFFICE, PROJECTORS, AUDIO VISUALS EQUIPMENTS
109	412503	BIOMETRIC FINGERPRINT READER ATTENDANCE MACHINES WITH 06 TERMINALS AND SOFTWARE - ZKTECO, ICLOCK-700	4.61	0.00	4.61	0.00	MISC. ASSETS/EQUIPMENTS
110	412503	SNOW WATRE EQUIVALENT RECORDER, TIPPING BUCKET TYPE, MAKE VIRTUAL ELECTRONICS COMPANY MODEL SWES0110	1.94	0.00	1.94	0.00	MISC. ASSETS/EQUIPMENTS
111	412503	WENSAR DIGITAL WEIGHING BALANCE (3000/0.01 GM), MODEL:PBG 3110	0.21	0.00	0.21	0.00	MISC. ASSETS/EQUIPMENTS
112	412503	BRAKE MOTOR,3-PHASE,415V,5.5KW,4-POLE,FRAME SIZE-132S	0.36	0.00	0.36	0.00	MISC. ASSETS/EQUIPMENTS
113	412503	DRYING OVEN: MAKE-IKON UNIVERSAL DIGITAL (MEMMERT TYPE), MODEL:IK-112	1.58	0.00	1.58	0.00	MISC. ASSETS/EQUIPMENTS
114	412503	MOTORIZED FLOOR CLEANING MOPPING MACHINE, DUVELO: RUBY 50E SCRUBBER DRIER	1.82	0.00	1.82	0.00	MISC. ASSETS/EQUIPMENTS
115	412503	MIXER GRINDER	0.04	0.00	0.04	0.00	MISC. ASSETS/EQUIPMENTS
116	412503	MIXER GRINDER	0.04	0.00	0.04	0.00	MISC. ASSETS/EQUIPMENTS
117	412503	MIXER GRINDER	0.04	0.00	0.04	0.00	MISC. ASSETS/EQUIPMENTS
118	412503	WET & DRY VACUUM CLEANER (SINGLE MOTOR 1350W), EUREKA FORBES MODEL ZW 35 SS	0.49	0.00	0.49	0.00	MISC. ASSETS/EQUIPMENTS
119	412503	ELECTRIC IRON LAUNDARY PRESS	0.02	0.00	0.02	0.00	MISC. ASSETS/EQUIPMENTS
120	412505	REFRIGERATOR 345L, MAKE : SAMSUNG, MODEL: RT 37M5538S8	0.42	0.00	0.42	0.00	REFRIGERATOR OTHER THAN FOR OFFICE
121	412505	REFRIGERATOR 345L, MAKE : SAMSUNG, MODEL: RT 37M5538S8	0.42	0.00	0.42	0.00	REFRIGERATOR OTHER THAN FOR OFFICE
122	412505	REFRIGERATOR 190-200 LITER, SAMSUNG MODEL NO RR19N2Y12MU/NL	0.15	0.00	0.15	0.00	REFRIGERATOR OTHER THAN FOR OFFICE
123	412801	BED SIDE TABLE (SUNMICA TOP). Nos. 6 @Rs.4250	0.26	0.00	0.26	0.00	FIXED ASSETS OF MINOR VALUE >750
124	412801	WALL FAN 400 MM SWEEP. Nos. 8 @ Rs.2289	0.18	0.00	0.18	0.00	FIXED ASSETS OF MINOR VALUE >750



113

Sl. No.	Head of Work / Equipment		ACE Claimed under Exclusion				Justification
			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
125	412801	DRY CHEMICAL POWDER (DCP) FIRE EXTINGUISHER, 9 KG CAPACITY. Nos.12 @Rs.3677/-	0.44	0.00	0.44	0.00	FIXED ASSETS OF MINOR VALUE >750
126	412801	AFFF MECHANICAL FOAM TYPE FIRE EXTINGUISHER B TYPE, CAPACITY 9 LTRS. Nos 12 @Rs.2152/-	0.26	0.00	0.26	0.00	FIXED ASSETS OF MINOR VALUE >750
127	412801	WATER TYPE FIRE EXTINGUISHER,9LITRE CYLINDER - 6 Nos @ Rate Rs.1973	0.12	0.00	0.12	0.00	FIXED ASSETS OF MINOR VALUE >750
128	412801	UPS 1 KVA OFFLINE MPL 2017000210 27.1.2018	0.04	0.00	0.04	0.00	FIXED ASSETS OF MINOR VALUE >750
129	412801	UPS 1 KVA OFFLINE MPL 2017000210 27.1.2018	0.04	0.00	0.04	0.00	FIXED ASSETS OF MINOR VALUE >750
130	412801	CALLER ID TELEPHONE SET, nos.60 @Rs.848/-	0.51	0.00	0.51	0.00	FIXED ASSETS OF MINOR VALUE >750
131	412801	TELEPHONE TWIN SET WITH CALLER ID, nos.2 @Rs.3894/-	0.08	0.00	0.08	0.00	FIXED ASSETS OF MINOR VALUE >750
132	412801	MOTO G5s Plus (Lunar Grey)	0.04	0.00	0.04	0.00	FIXED ASSETS OF MINOR VALUE >750
133	412801	ADSL WI-FI MODEM - DLINK DSL 2750. nos.10 @Rs.2419.	0.23	0.00	0.23	0.00	FIXED ASSETS OF MINOR VALUE >750
134	412801	GAS BHATTI,DOUBLE BURNER - 2 nos @Rs.4400	0.09	0.00	0.09	0.00	FIXED ASSETS OF MINOR VALUE >750
135	412801	MIXER GRINDER	0.04	0.00	0.04	0.00	FIXED ASSETS OF MINOR VALUE >750
136	412801	HALOGEN HEATER DOUBLE ROD, 800 WATT, MAKE: USHA, MODEL: SH3508H. Nos.25 @Rs.3942.	0.99	0.00	0.99	0.00	FIXED ASSETS OF MINOR VALUE >750
137	412801	9401102596 MIXER GRINDER MR 10617320 - nos3 @Rs.4400	0.13	0.00	0.13	0.00	FIXED ASSETS OF MINOR VALUE >750
138	412801	560012138 WALL SUPPORTING ALUMINIUM LADDER SIZE-10 MR 10617320	0.04	0.00	0.04	0.00	FIXED ASSETS OF MINOR VALUE >750
139	412801	560012139 WALL SUPPORTING ALUMINIUM LADDER SIZE-10 MR 10617320	0.04	0.00	0.04	0.00	FIXED ASSETS OF MINOR VALUE >750
140	412801	560012125 MR 10617320 ALUMINIUM STOOL TYPE LADDER 4' FEET	0.03	0.00	0.03	0.00	FIXED ASSETS OF MINOR VALUE >750
141	412801	560012124 MR 10617320 ALUMINIUM STOOL TYPE LADDER 4' FEET	0.04	0.00	0.04	0.00	FIXED ASSETS OF MINOR VALUE >750
142	412801	560012133 MR 10617320 ALUMINIUM WALL SUPPORTING HOOK LADDER 8' FEET	0.03	0.00	0.03	0.00	FIXED ASSETS OF MINOR VALUE >750
143	412801	560012134 MR 10617320 ALUMINIUM WALL SUPPORTING HOOK LADDER 8' FEET	0.03	0.00	0.03	0.00	FIXED ASSETS OF MINOR VALUE >750
144	412801	560012135 MR 10617320 ALUMINIUM WALL SUPPORTING HOOK LADDER 12' FEET	0.04	0.00	0.04	0.00	FIXED ASSETS OF MINOR VALUE >750
145	412801	560012136 MR 10617320 ALUMINIUM LADDER, SINGLE STRAIGHT, 6 FEET	0.02	0.00	0.02	0.00	FIXED ASSETS OF MINOR VALUE >750
146	412801	560012137 MR 10617320 ALUMINIUM LADDER, SINGLE STRAIGHT, 6 FEET	0.02	0.00	0.02	0.00	FIXED ASSETS OF MINOR VALUE >750
147	412801	9415100003 ELECTRIC IRON LAUNDARY PRESS MR 10617320	0.02	0.00	0.02	0.00	FIXED ASSETS OF MINOR VALUE >750
148	411116	411116-COMBIHAMMER DRILL MACHINE TE 50 AVR,230V (PART NO.2127967)	0.69	0.00	0.69	0.00	DRILLING EQUIPMENT
TOTAL Exclusion for the year 2017-18 (as per Form			140.62	0.00	140.62		



Sl. No.	Head of Work / Equipment	ACE Claimed under Exclusion				Justification
		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
Exclusion for the year 2018-19						
1	410328 C/O Control Room for CISF near CP Gate at Power House Rajarwani 106/000819 MD ARIF BUDAN	0.27	-	0.27	-	BUILDINGS-OTHERS
2	410713 MOISTURE CONTENT MEASURING INSTRUMENT FOR INSULATING OIL	2.86	-	2.86	-	MISCELLANEOUS POWER PLANT EQUIPMENTS
3	410714 SINGLE PHASE CAPACITOR VOLTAGE TRANSFORMER, 420/V3 KV, 7000PF	4.93	-	4.93	-	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
4	410714 UPPER WEAR RING STATIONARY 1021/10/28/3361	8.26	-	8.26	-	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
5	410714 UPPER WEAR RING STATIONARY 1021/10/28/3361	8.26	-	8.26	-	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
6	410714 LOWER WEAR RING STATIONARY 1021/10/18/2562	8.26	-	8.26	-	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
7	410714 LOWER WEAR RING STATIONARY 1021/10/18/2562	8.26	-	8.26	-	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
8	410714 PROPORTIONAL VALVE 4WRTE25V350L-4X/6EG24K31/A5MBRID-R900975549 MAKE-REXROTH	5.83	-	5.83	-	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
9	410714 PROPORTIONAL VALVE 4WRTE25V350L-4X/6EG24K31/A5MBRID-R900975549 MAKE-REXROTH	5.83	-	5.83	-	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
10	410714 UPPER WEAR RING STATIONARY 1021/10/28/3361	5.55	-	5.55	-	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
11	410714 LOWER WEAR RING STATIONARY 1021/10/18/2562	6.84	-	6.84	-	CAPITAL SPARES-GENERATING PLANT AND MACHINERY
12	410904 ACB 800A, 3 POLE, 415V AC, 3 POLE EDO WITH MP BASED PROTEC.REL.MAKE:LARSEN TURBO, CN-CS-800C	1.76	-	1.76	-	INTERNAL DISTRIBUTION LINES IN TOWNSHIP AND WORK SITES, ETC.
13	411112 SUBMERSIBLE PUMP SET 5 HP , 3 PHASE,CROMPTON, MODEL 4W25-5TP	0.27	-	0.27	-	PUMPS
14	411704 DUAL DESK FITTED WITH HARD WOOD SEAT 10 nos @Rs.6136	0.61	-	0.61	-	FURNITURE-FIXTURES-SCHOOL
15	411704 TOP-DUAL DESK WITH 19 MM PLY FITTED WITH SUNMICA, SIZE:42X16X30 - 10 nos @Rs.5458	0.55	-	0.55	-	FURNITURE-FIXTURES-SCHOOL
16	411704 DESK 42 INCH X16 INCH X31 INCH - 10 Nos @ Rs.5570/-	0.56	-	0.56	-	FURNITURE-FIXTURES-SCHOOL
17	411801 HP PAVILLION 14 BA 153 TX X360 I7-8GEN-8550	0.92	-	0.92	-	COMPUTERS
18	411801 DESKTOP COMPUTER MODEL: HP 280 G3 MT, 7TH GEN - 4 nos @Rs.49301/-	1.97	-	1.97	-	COMPUTERS
19	411804 DVR- \$ CHANNEL - VINTRON-4C - 3 Nos. @Rs.6490/-	0.19	-	0.19	-	OTHER EDP EQUIPMENTS
20	411804 CYBEROAM CR100ING UTM FIREWALL	2.94	-	2.94	-	OTHER EDP EQUIPMENTS
21	411804 24 PORT SWITCH	0.60	-	0.60	-	OTHER EDP EQUIPMENTS
22	411804 OPTICAL MULTIPLEXERS ANDA ATOLT-120T - 6 nos @Rs.37759	2.27	-	2.27	-	OTHER EDP EQUIPMENTS
23	411806 4-PORT ETHERNET G.SHDSL LAN EXTENDER - nos.2 @Rs.13865	0.28	-	0.28	-	NETWORKING DEVICES & SERVER
24	411903 P TO P RADIO LINK MICROTIK SXT SA5 AC WITH ETHERNET ADAPTORS, MOUNTING ACCSS. AND CONFIG. SOFTWARE - nos.2 @Rs.5130	1.03	-	1.03	-	INTERIOR COMMUNICATION EQUIPMENTS



115

Sl. No.	Head of Work / Equipment		ACE Claimed under Exclusion				Justification
			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
25	412003	XEROX DIGITAL PHOTOCOPIER PRINT/COPY/SCAN , MODEL-VERSALINK B7025	1.97		1.97	-	PHOTOCOPY/DUPLICATING MACHINES
26	412005	URINE ANALYZER	1.00	-	1.00	-	HOSPITAL EQUIPMENTS
27	412008	VOLTAS 1 TON INVERTER AC MODEL 123 V-LY	0.30	-	0.30	-	AIR CONDITIONERS
28	412011	WATER PURIFIER CUM COOLER - MAKE-BLUE MOUNT MODEL: BM70 - 3 nos. @Rs.65990/-	1.98		1.98	-	AIR COOLERS/WATER COOLERS/FANS
29	412011	STORAGE WATER HEATER, 35 LITRE - MAKE: BAJAJ, MODEL: SHAKTI - 15 nos. @Rs.11328/-	1.70		1.70	-	AIR COOLERS/WATER COOLERS/FANS
30	412020	OIL FILLED RADIATOR/HEATER - nos.15 @Rs.1239/-	1.86		1.86	-	OTHER OFFICE EQUIPMENTS
31	412501	SONY TV MODEL: KLV-43W662F	0.53	-	0.53	-	TELEVISIONS/MUSIC SYSTEMS OTHER THAN FOR OFFICE, PROJECTORS, AUDIO VISUALS EQUIPMENTS
32	412501	SONY TV, KLV29P423 - nos.12 @Rs.19941/-	2.39		2.39	-	TELEVISIONS/MUSIC SYSTEMS OTHER THAN FOR OFFICE, PROJECTORS, AUDIO VISUALS EQUIPMENTS
33	412503	48 V FCBC BATTERY CHARGER	2.36	-	2.36	-	MISC. ASSETS/EQUIPMENTS
34	412503	MOTORIZED SIREN, 3-PHASE, AC, RANGE- 8KM	0.80	-	0.80	-	MISC. ASSETS/EQUIPMENTS
35	412503	ELECTRIC OPERATED 3 PHASE SIREN RANGE 11 KM	1.28	-	1.28	-	MISC. ASSETS/EQUIPMENTS
36	412801	WOODEN BED-6'X3' nos.84 @Rs.3776	3.17		3.17	-	FIXED ASSETS OF MINOR VALUE >750
37	412801	CHAIR, BACK HEIGHT- 36 INCH SEAT HEIGHT- 18 INCH SEATING BASE- 17 INCH X 19 INCH Nos-40 Rs.3953 each	1.55		1.55	-	FIXED ASSETS OF MINOR VALUE >750
38	412801	CHAIR, BACK HEIGHT- 36 INCH SEAT HEIGHT- 18 INCH SEATING BASE- 20 INCH X 20 INCH	0.33		0.33	-	FIXED ASSETS OF MINOR VALUE >750
39	412801	CEILING FAN 1200MM WITHOUT REGULATOR- nos 64 @Rs.1110	0.71		0.71	-	FIXED ASSETS OF MINOR VALUE >750
40	412801	MI MAX2 4GB RAM 64 GB ROM BLACK	0.04	-	0.04	-	FIXED ASSETS OF MINOR VALUE >750
41	412801	OUTDOOR BULLET WEATHER PROOF CAMERA - VINTRON - VIN. Nos-6 @Rs.4450/-	0.27		0.27	-	FIXED ASSETS OF MINOR VALUE >750
42	412801	FLATBED SCANNER, MAKE - CANON, MODEL - LIDE 120, SIZE A4 - nos.3 @Rs.4137	0.12		0.12	-	FIXED ASSETS OF MINOR VALUE >750
43	412801	8 PORT UNMANAGED SWITCH, nos.2 @Rs.814/-	0.02		0.02	-	FIXED ASSETS OF MINOR VALUE >750
44	412503	412503- GPS RE- RADIATOR KIT WITH 50 M CABLE FOR	1.75	-	1.75	-	MISC. ASSETS/EQUIPMENTS
		Total Exclusion for 2018-19	103.22	0.00	103.22		
		TOTAL Exclusion for the year 2014-15, 2015-16,	1,561.93	-	1,559.78		

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 Arora Vohra & Co.

Chartered Accountants



For NHPC Ltd.

(Signature)
(M G Gokhale)
GM (Commercial)

116

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

Name of the Petitioner :

NHPC Limited

Name of the Generating Station :

URI-I Power Station

COD : 01.06.1997

Rs. In Lakhs

Sl. No.	Particulars	2014-15	2015-16	2016-17	2017-18	2018-19
1	2	3	4	5	6	7
	Closing Gross Block	350,899.08	351,647.37	351,963.76	352,627.62	353,694.61
	Less: Opening Gross Block	350,159.93	350,899.08	351,699.82	351,963.76	352,627.62
	Net Additions as per books	739.16	748.29	263.94	663.86	1,066.99
	Less: Additions pertaining to other Stages (give Stage wise breakup)					
	Net Additions pertaining to instant project / Unit / Stage	739.16	748.29	263.94	663.86	1,066.99
	Less: Exclusions (items not allowable / not claimed)	714.58	48.13	135.86	78.14	9.23
	Net Additional Capital Expenditure Claimed	24.57	700.15	128.08	585.72	1,057.76

Note:

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

For Arora Vohra & Co.
Chartered Accountants

For NHPC Ltd.

(Partner)



(M G Gokhale)
GM (Commercial)

Statement of Additional Capitalisation during fag end of the Project

Name of the Petitioner : NHPC Limited
 Name of the Generating Station : URI-I Power Station
 COD : 01.06.1997

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
1		NOT APPLICABLE			
2					
3					
4					

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 Arora Vohra & Co.
Chartered Accountants

For NHPC Ltd.

(Partner)



(M G Gokhale)
GM (Commercial)

Statement of Capital Cost
(To be given for relevant dates and year wise)

Name of the Petitioner : NHPC Limited

Name of the Generating Station : URI-I 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 Arora Vohra & Co.
Chartered Accountants

(Partner)



119

For NHPC Ltd.

(M G Gokhale)
GM (Commercial)

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 : URI-I 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 Arora Vohra & Co.
Chartered Accountants**

(Partner)



120

For NHPC Ltd.**(M G Gokhale)
GM (Commercial)**

Financing of Additional Capitalisation

Name of the Petitioner : **NHPC Limited**
 Name of the Generating Station : **Uri-I Power Station**
 Date of Commercial Operation : **01.06.1997**

(Amount in Rs. Lakhs)

Financial Year (Starting from COD) ¹	Actual / projected					Admitted				
	Year 1	Year 2	Year 3	Year 4	Year 5	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	7.84	512.52	170.78	550.28	566.64					
Financing Details										
Loan-1										
Loan-2										
Loan-3 and so on										
Total Loan ²										
Equity										
Internal Resources	7.84	512.52	170.78	550.28	566.64					
Others (Pl. specify)										
Total	7.84	512.52	170.78	550.28	566.64					

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 Arora Vohra & Co.
Chartered Accountants

For NHPC Ltd.

(Partner)




 (M G Gokhale)
 GM (Commercial)
 Commercial Division

Calculation of Depreciation

Name of the Petitioner :

NHPC Limited

Name of the Generating Station :

Uri-I Power Station

(Amount in ` 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.2 X Col.3
1	Land*			
5	Buildings			
6	and so on	Power station has completed 12 years of commercial operation in FY 2009-10, therefore, depreciation rate is not applicable.		
7				
8				
9				
10				
11				
12				
13				
14				
15				
	TOTAL			
Weighted Average Depreciation Rate (%) of depreciation				

* 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 Arora Vohra & Co.
Chartered Accountants

For NHPC Ltd.

(Partner)

(M G Gokhale)
GM (Commercial)

Statement of Depreciation

Name of the Petitioner :

NHPC Limited

Name of the Generating Station :

Uri-I Power Station

(Amount in Rs. Lakh)

Sl. No.	Particulars	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
1	2	3	4	5	6	7	
1	Opening Capital Cost	341,711.55	341,750.70	341,758.54	342,271.06	342,441.84	342,992.12
2	Closing Capital Cost	341,750.70	341,758.54	342,271.06	342,441.84	342,992.12	343,558.76
3	Average Capital Cost	341,731.13	341,754.62	342,014.80	342,356.45	342,716.98	343,275.44
4	Freehold land*	0	0	0	0	0	0
5	Rate of depreciation						
6	Depreciable value	307,558.02	307,579.16	307,813.32	308,120.80	308,445.28	308,947.90
7	Balance useful life at the beginning of the period	19.17	18.17	17.17	16.17	15.17	14.17
8	Remaining depreciable value	89,615.56	84,967.49	80,562.55	76,279.73	71,886.50	67,674.28
9	Depreciation (for the period)	4,675.59	4,677.11	4,692.96	4,718.33	4,739.77	4,777.01
10	Depreciation (annualised)						
11	Cumulative depreciation at the end of the period	222,618.05	227,288.78	231,943.73	236,559.41	241,298.55	246,050.63
12	Less : Cumulative depreciation adjustment on account of de-capitalisation (Refer Form-9B(i))	6.38	38.01	102.66	0.63	24.93	250.25
13	Net Cumulative depreciation at the end of the period	222,611.67	227,250.77	231,841.08	236,558.78	241,273.62	245,800.38

Note:

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

For Arora Vohra & Co.
Chartered Accountants

(Partner)



For NHPC Ltd.

(M G Gokhale)
GM (Commercial)

Calculation of Weighted Average Rate of Interest on Actual Loans¹

Name of the Petitioner :

NHPC Limited

Name of the Generating Station :

Uri-I Power Station

(Amount in ` Lakh)

Particulars	Existing 2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
Loan-1						
Gross loan - Opening						
Cumulative repayments of Loans upto previous year						
Net loan - Opening						
Add: Drawal(s) during the Year						
Less: Repayment (s) of Loans during the year						
Net loan - Closing						
Average Net Loan						
Rate of Interest on Loan on annual basis						
Interest on loan						
Loan-2						
Gross loan - Opening						
Cumulative repayments of Loans upto previous year						
Net loan - Opening						
Add: Drawal(s) during the Year						
Less: Repayment (s) of Loans during the year						
Net loan - Closing						
Average Net Loan						
Rate of Interest on Loan on annual basis						
Interest on loan						
Loan-3 and so on						
Gross loan - Opening						
Cumulative repayments of Loans upto previous year						
Net loan - Opening						
Add: Drawal(s) during the Year						
Less: Repayment (s) of Loans during the year						
Net loan - Closing						
Average Net Loan						
Rate of Interest on Loan on annual basis						
Interest on loan						
Total Loan						
Gross loan - Opening						
Cumulative repayments of Loans upto previous year						
Net loan - Opening						
Add: Drawal(s) during the Year						
Less: Repayment (s) of Loans during the year						
Net loan - Closing						
Average Net Loan						
Interest on loan						
Weighted average Rate of Interest on Loans						

Actual loans for the project have been repaid during 2009-14 tariff period. For weighted average rate of interest on loan refer Appendix to Form-9.

Note:

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

For Arora Vohra & Co.
Chartered Accountants

(Partner)



For NHPC Ltd.

(M G Gokhale)
GM (Commercial)

Calculation of Interest on Normative Loan

Name of the Petitioner : **NHPC Limited**
 Name of the Generating Station : **Uri-I Power Station**

(Amount in ₹ Lakh)

Sl. No.	Particulars	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	Gross Normative loan - Opening	233,134.56	233,161.97	233,167.45	233,526.22	233,645.76	234,030.96
2	Cumulative repayment of Normative loan upto previous year	233,134.56	233,161.97	233,167.45	233,526.22	233,645.76	234,030.96
3	Net Normative loan - Opening	0.00	0.00	0.00	0.00	0.00	0.00
4	Add : Increase due to addition during the year / period	27.41	41.19	464.81	89.66	410.00	641.24
5	Less : Decrease due to de-capitalisation during the year / period		40.01	106.04	0.64	24.80	244.59
6	Less : Decrease due to reversal during the year / period		0	0	0.00	0.00	0.00
7	Add : Increase due to discharges during the year / period		4.30	0	30.53	0.00	0.00
	Less : Repayment during the year	27.41	5.49	358.77	119.54	385.20	396.65
8	Net Normative loan - Closing	0.00	0.00	0.00	0.00	0.00	0.00
9	Average Normative loan	0.00	0.00	0.00	0.00	0.00	0.00
10	Weighted average rate of interest	8.09%	8.55%	8.69%	8.49%	8.11%	7.77%
11	Interest on Loan	0.00	0.00	0.00	0.00	0.00	0.00

For Arora Vohra & Co.
Chartered Accountants

(Partner)



For NHPC Ltd.

(M G Gokhale)
GM (Commercial)

Calculation of Interest on Working Capital

Name of the Petitioner : **NHPC Limited**

Name of the Generating Station : **Uri-I 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	760.34	618.28	659.36	703.17	749.89	799.71
2	Maintenance Spares	1,368.62	1,112.91	1,186.85	1,265.71	1,349.80	1,439.48
3	Receivables	6,015.07	5,770.33	5,871.26	5,942.39	6,072.78	6,204.45
4	Total Working Capital	8,144.03	7,501.52	7,717.47	7,911.27	8,172.47	8,443.64
5	Rate of Interest	12.25%	13.50%	13.50%	13.50%	13.50%	13.50%
6	Interest on Working Capital	997.64	1,012.71	1,041.86	1,068.02	1,103.28	1,139.89

For Arora Vohra & Co.
Chartered Accountants

(Partner)



For NHPC Ltd.

(M G Gokhale)
GM (Commercial)

Other Income as on actual / anticipated COD

Name of the Petitioner : **NHPC Limited**
 Name of the Generating Station : **Uri-I 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 Arora Vohra & Co.
Chartered Accountants

(Partner)



For NHPC Ltd.

(M G Gokhale)
GM (Commercial)

Incidental Expenditure during Construction

Name of the Petitioner :

NHPC Limited

Name of the Generating Station :

Uri-I 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	NOT APPLICABLE	
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		

For Arora Vohra & Co.
Chartered Accountants

For NHPC Ltd.

(Partner)



(M G Gokhale)
GM (Commercial)

Name of the Petitioner : **NHPC Limited**
 Name of the Generating Station : **Uri-I Power Station**

Draw Down Schedule for Calculation of IDC & Financing Charges

Sl. No.	Draw Down Particulars	Quarter 1			Quarter 2			Quarter n (COD)		
		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 paripassu 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 Arora Vohra & Co.
Chartered Accountants

(Partner)



For NHPC Ltd.

(M G Gokhale)
GM (Commercial)

129

Actual cash expenditure

Name of the Petitioner : **NHPC Limited**
 Name of the Generating Station : **Uri-I 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 Arora Vohra & Co.
Chartered Accountants

(Partner)



For NHPC Ltd.

(M G Gokhale)
GM (Commercial)

**Design energy and peaking capability (month wise) - ROR with
Pondage / Storage type new stations**

Generating Company :

Name of Hydro-electric Generating Station :

Installed Capacity : No. of units X MW :

Month		Design Energy* (MUs)	Designed Peaking Capability (MW)*
April	I		
	II		
	III		
May	I		
	II		
	III		
June	I		
	II		
	III		
July	I	NOT APPLICABLE	
	II		
	III		
August	I		
	II		
	III		
September	I		
	II		
	III		
October	I		
	II		
	III		
November	I		
	II		
	III		
December	I		
	II		
	III		
January	I		
	II		
	III		
February	I		
	II		
	III		
March	I		
	II		
	III		
Total			

* As per DPR / TEC of CEA dated

Note:

Specify the number of peaking hours for which station has been designed.

**For Arora Vohra & Co.
Chartered Accountants**



(Partner)

For NHPC Ltd.

(M G Gokhale)
GM (Commercial)

Design Energy and MW Continuous (month-wise) - ROR type stations

Generating Company

NHPC Limited

Name of Hydro - electric Station

URI POWER STATION

Installed Capacity: No. of units x MW =

4 X 120 MW

Month		Design Energy * (MUs)	MW continuous*
April	I	109.44	
	II	109.44	
	III	109.44	
May	I	109.44	
	II	109.44	
	III	120.38	
June	I	109.44	
	II	109.44	
	III	109.44	
July	I	109.44	
	II	109.44	
	III	120.38	
August	I	109.44	
	II	91.84	
	III	101.35	
September	I	85.55	
	II	67.02	
	III	56.67	
October	I	48.64	
	II	37.45	
	III	31.60	
November	I	25.26	
	II	23.68	
	III	23.28	
December	I	22.59	
	II	22.59	
	III	26.21	
January	I	25.96	
	II	24.12	
	III	31.00	
February	I	47.80	
	II	46.56	
	III	38.73	
March	I	62.71	
	II	85.40	
	III	116.77	
TOTAL		2587.38	

* As per DPR/TEC of CEA dated.....

For Arora Vohra & Co.
Chartered Accountants

(Partner)



For NHPC Ltd.


(M G Gokhale)
GM (Commercial)

Abstract

In Rs.

For NPLC Ltd.

(M G Gokhale)
GM (Commercial)



ANNEX-II

Summary Sheet

Name of the Petitioner : NHPC LIMITED

Name of the Generating Station : URI-I POWER STATION

Place (Region / District / State) : NORTHERN / BARAMULLA / J&K

(Rs. Lakh)

Sl. No.	Particulars	Existing 2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7	8
1.1	Depreciation	4,777.01	3,507.07	3,554.93	3,608.20	3,641.45	3,668.59
1.2	Interest on Loan	0.00	0.00	0.00	0.00	0.00	0.00
1.3	Return on Equity ¹	21,713.27	20,515.53	20,550.85	20,585.68	20,606.04	20,627.07
1.4	Interest on Working Capital	1,139.89	982.51	1,013.11	1,045.18	1,078.19	1,112.65
1.5	O&M Expenses	9,596.54	11,770.85	12,331.98	12,919.86	13,535.75	14,181.02
	Total AFC	37,226.71	36,775.95	37,450.87	38,158.92	38,861.43	39,589.33

Note

Tariff petition for the period 2019-24 is based on projected expenditures approved by Board of Directors during 427th board meeting held on 17.09.2019

For Arora Vohra & Co.

Chartered Accountants

FRN: 009487N



(CA. Surinder Arora)

M.No. 085036

Partner

UDIN: 19085036AAAACE2762

For NHPC Ltd.

(M G Gokhale)
GM (Commercial)

Name of the Petitioner : NHPC LIMITED

Name of the Generating Station : URI-I POWER STATION

Place (Region/District/State) : NORTHERN / BARAMULLA / J&K

Statement showing claimed capital cost-(A+B)

(Rs. Lakh)

Sl. No.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7
1	Opening Capital Cost	343,558.76	344,245.97	345,063.66	345,850.09	345,933.09
2	Add : Addition during the year / period	682.19	1,007.90	939.00	147.60	1,007.00
3	Less : De-capitalisation during the year / period	199.47	190.21	152.57	64.60	343.45
4	Less : Reversal during the year / period	0.00	0.00	0.00	0.00	0.00
5	Add : Discharges during the year / period	204.49	0.00	0.00	0.00	0.00
6	Closing Capital Cost	344,245.97	345,063.66	345,850.09	345,933.09	346,596.64
7	Average Capital Cost	343,902.37	344,654.82	345,456.88	345,891.59	346,264.87

Statement showing claimed capital cost eligible for RoE at normal rate (A)

Sl. No.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7
1	Opening Capital Cost	343,558.76	344,184.57	344,550.06	345,036.49	345,119.49
2	Add : Addition during the year / period	620.79	555.70	639.00	147.60	1,007.00
3	Less : De-capitalisation during the year / period	199.47	190.21	152.57	64.60	343.45
4	Less : Reversal during the year / period	0.00	0.00	0.00	0.00	0.00
5	Add : Discharges during the year / period	204.49	0.00	0.00	0.00	0.00
6	Closing Capital Cost	344,184.57	344,550.06	345,036.49	345,119.49	345,783.04
7	Average Capital Cost	343,871.67	344,367.32	344,793.28	345,077.99	345,451.27

Statement showing claimed capital cost eligible for RoE at Weighted average rate of interest on actual loan portfolio (B)

Sl. No.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7
1	Opening Capital Cost	0.00	61.40	513.60	813.60	813.60
2	Add : Addition during the year / period	61.40	452.20	300.00	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	0.00	0.00	0.00	0.00	0.00
6	Closing Capital Cost	61.40	513.60	813.60	813.60	813.60
7	Average Capital Cost	30.70	287.50	663.60	813.60	813.60

For Arora Vohra & Co.
Chartered Accountants
FRN No. :

For NHPC Limited

(M G Gokhale)
GM (Commercial)



Name of the Petitioner : NHPC LIMITED

Name of the Generating Station : URI-I POWER STATION

Place (Region/District/State) : NORTHERN / BARAMULLA / J&K

Statement showing Return on Equity at Normal Rate

(Rs. in Lakh)

Sl. No.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7
1	Gross Opening Equity (Normal)	109,131.16	109,318.90	109,428.55	109,574.48	109,599.38
2	Less: Adjustment in Equity	0.00	0.00	0.00	0.00	0.00
3	Adjustment during the year	0.00	0.00	0.00	0.00	0.00
4	Net Opening Equity (Normal)	109,131.16	109,318.90	109,428.55	109,574.48	109,599.38
5	Add : Increase in equity due to addition during the year/period	186.24	166.71	191.70	44.28	302.10
6	Less : Decrease due to de-capitalization during the year/period	59.84	57.06	45.77	19.38	103.04
7	Less: Decrease due to reversal during the year/period	0.00	0.00	0.00	0.00	0.00
8	Add: Increase due to discharge during the year/period	61.35	0.00	0.00	0.00	0.00
9	Net closing Equity(Normal)	109,318.90	109,428.55	109,574.48	109,599.38	109,798.44
10	Average Equity (Normal)	109,225.03	109,373.73	109,501.51	109,586.93	109,698.91
11	Rate of ROE	18.782%	18.782%	18.782%	18.782%	18.782%
12	Total ROE	20514.65	20542.57	20566.57	20582.62	20603.65

Statement showing Return on Equity at Weighted Average Rate of Interest on Actual Loan Portfolio

Sl. No.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7
1	Gross Opening Equity [pertaining to Proviso to Regulation 30(2)]	0.00	18.42	154.08	244.08	244.08
2	Less: Adjustment in Equity	0.00	0.00	0.00	0.00	0.00
3	Adjustment during the year	0.00	0.00	0.00	0.00	0.00
4	Net Opening Equity (Normal)	0.00	18.42	154.08	244.08	244.08
5	Add : Increase in equity due to addition during the year/period	18.42	135.66	90.00	0.00	0.00
6	Less : Decrease due to de-capitalization during the year/period	0.00	0.00	0.00	0.00	0.00
7	Less: Decrease due to reversal during the year/period	0.00	0.00	0.00	0.00	0.00
8	Add: Increase due to discharge during the year/period	0.00	0.00	0.00	0.00	0.00
9	Net closing Equity [pertaining to Proviso to Regulation 30(2)]	18.42	154.08	244.08	244.08	244.08
10	Average Equity [pertaining to Proviso to Regulation 30(2)]	9.21	86.25	199.08	244.08	244.08
11	Rate of ROE (weighted average rate of interest on actual loan portfolio)	9.597%	9.597%	9.597%	9.597%	9.597%
12	Total ROE	0.88	8.28	19.11	23.42	23.42

Note: 1. Adjustment of equity as per Proviso to Regulation 18(3) of 2019 Tariff Regulations**Note:** 2. With respect to Equity infusion, the Generating Company is required to substantiate with supporting documents such as board resolution, balance sheet/ reconciliation statement with balance sheet.

For Arora Vohra & Co.
Chartered Accountants
FRN No. :



For NHPC Limited

(M G Gokhale)
General Manager (Comml.)

**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 : URI-I POWER STATION

	Particulars	Unit	Existing 2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
	1	2	3	4	5	6	7	8
1	Installed Capacity	MW	480	480				
2	LADAF	%	NA			NA		
3	Free power to home state	%	12	12				
4	Date of commercial operation (actual / anticipated)							
	Unit-1		01.06.1997					
	Unit-2		01.06.1997					
	Unit-3		01.06.1997					
	Unit-4		01.06.1997					
5	Type of Station							
	a) Surface / underground		underground					
	b) Purely ROR / Pondage / Storage		Purely ROR					
	c) Peaking / non-peaking		non-peaking					
	d) No. of hours of peaking		NA					
	e) Overload capacity (MW) & period		10% for short period (for FGMO) at 0.9 p.f. and frequency 50 Hz at minimum head of 228 mtr.					
6	Type of excitation							
	a) Rotating exciters on generator							
	b) Static excitation		Static					
7	Design Energy (Annual) ¹	GWh	2587.38	2587.38				
8	Auxiliary Consumption including Transformation losses	%	1.2	1.2				
9	Normative Plant Availability Factor (NAPAF)		70			74		
9.1	Maintenance Spares for WC	% of O&M	15			15		
9.2	Receivables for WC	in Months	2			1.5		
9.3	Base Rate of Return on Equity	%	15.50%	15.50%				
9.4	Base Rate of Return on Equity on Add. Capitalization*	%	7.77%	7.92%				
9.5	Tax Rate ²	%	21.549%	17.472%				
9.6	Effective Tax Rate ⁴		22.157%	17.472%				
9.7	Bank Rate (MCLR) + base points as on 01.04.2019 ³	%	13.50%	12.05%				

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.

* Effective tax rate for 2014-15 will be known after financial year closure. Hence, effective rate of 2013-14 has been taken for calculation.

Note: Effective tax rate for 2019-20 will be known only after financial year closure. Hence, effective tax rate of FY 2018-19 has been considered for grossing up of ROE for the period 2019-24.

For Arora Vohra & Co.
Chartered Accountants

For NHPC Ltd.

Partner



(Signature)
(M G Gokhale)
GM (Commercial)

SALIENT FEATURES OF HYDROELECTRIC PROJECT**NAME OF COMPANY : NHPC LTD****NAME OF POWER STATION : URI POWER STATION**

1. Location	
State / Distt.	JAMMU AND KASHMIR , Distt.-Baramulla
River	Jhelam
2. Diversion Tunnel	
Size, shape	NA
Length (M)	
3. Dam	
Type	Barrage
Maximum dam height (M)	21.5 m above deepest foundation level
4. Spillway	
Type	-
Crest level of spillway (M)	1483.75- Spillway bays 1483- Undersluice bays
5. Reservoir	
Full Reservoir Level (FRL) (M)	1491 m
Minimum Draw Down Level (MDDL)(M)	-
Live storage (MCM)	ROR
6. Desilting Arrangement	
Type	
Number and Size	No. of Basin= 2, Length of each basin : 300m 45m-60m wide
Particle size to be removed(mm)	0.15 mm and above.
7. Head Race Tunnel	
Size and type	8.40 m dia , Horse Shoe shaped
Length (M)	10.63 km
Design discharge (Cumecs)	226.5 cumecs
8. Surge Shaft	
Type	Restricted Orifice type
Diameter (M)	22.5 m
Height (M)	103 m
9. Penstock/Pressure shafts	
Type	Pressure shaft
Diameter & Length (M)	Circular steel lined 5.00m dia, 283 m length
10. Power House	
Installed capacity (No of units x MW)	4 X 120 MW
Type of turbine	Vertical Shaft Francis
Rated Head (M)	222.5m
Rated Discharge (Cumecs)	59.21 Cumecs per unit
Head at Full Reservoir Level (M)	256.53
Head at Minimum Draw down Level (M)	---
MW Capability at FRL	480 MW
MW Capability at MDDL	---
11. Tail Race Tunnel	
Diameter (M), shape	8.4 m finished Diameter , Horse shoe shaped
Length (M)	2.0 kms
Minimum tail water level	1233.5
12. Switchyard	
Type of Switch gear	GIS
No. of generator bays	4
No. of Bus coupler bays	1
No. of line bays	3 (DC to Wagoora substation and SC interconnected to Uri-II)

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 Arora Vohra & Co.
Chartered Accountants

Partner



For NHPC Ltd.

(M G Gokhale)
GM (Commercial)

Details of Foreign loans

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

Name of the Petitioner
Name of the Generating Station
Exchange Rate at COD
Exchange Rate as on 31.3.2014

NHPC Limited
Uri-I Power Station

Sl. No.	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 (Foregin Currency)	Relevant Exchange Rate	Amount (Rs. Lakh)	Date	Amount (Foregin Currency)	Relevant Exchange Rate	Amount (Rs. Lakh)	Date	Amount (Foregin 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 Arora Vohra & Co.
Chartered Accountants



Partner

For NHPC Ltd.

(M G Gokhale)
GM (Commercial)

Details of Foreign Equity

(Details only in respect of Equity infusion if any applicable to the project under petition)

Name of the Petitioner :

NHPC Limited

Name of the Generating Station :

Uri-I Power Station

Exchange Rate on date/s of infusion :

Sl. No.	Financial Year	Year 1				Year 2				Year 3 and so on			
		2	3	4	5	6	7	8	9	10	11	12	13
		Date	Amount (Foregin Currency)	Exchange Rate	Amount (Rs. Lakh)	Date	Amount (Foregin Currency)	Exchange Rate	Amount (Rs. Lakh)	Date	Amount (Foregin Currency)	Exchange Rate	Amount (Rs. Lakh)
	Currency1¹												
A 1	At the date of infusion ²												
2													
3													
	Currency2¹												
A 1	At the date of infusion ²												
2													
3													
	Currency3¹												
A 1	At the date of infusion ²												
2													
3													
	Currency4¹ & so on												
A 1	At the date of infusion ²												
2													
3													

NOT APPLICABLE

1. Name of the currency to be mentioned e.g. US\$, DM, etc.

2. In case of equity infusion more than once during the year, Exchange rate at the date of each infusion to be given.

For Arora Vohra & Co.
Chartered Accountants

For NHPC Ltd.

Partner

(M G Gokhale)
GM (Commercial)

Abstract of Admitted Capital Cost for the existing Projects**Name of the Petitioner :****NHPC Limited****Name of the Generating Station :****Uri-I Power Station**

	Capital Cost as admitted by CERC	
a)	Capital cost admitted as on <u>31.03.2014</u>	Rs. 341750.70 Lakh
	(Give reference of the relevant CERC Order with Petition No. & Date)	As allowed vide order dated 13.07.2016 in Petition No.23/GT/2014
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)	Rs. 341750.70 Lakh

For Arora Vohra & Co.
Chartered Accountants

For NHPC Ltd.

Partner




(M G Gokhale)
GM (Commercial)

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

Name of the Petitioner :
Name of the Generating Station :
New Projects

NHPC Limited
Uri-I Power Station

Capital Cost Estimates

Board of Director/ Agency approving the Capital cost estimates:		
Date of approval of the Capital cost estimates:		
	Present Day Cost	Completed Cost
Price level of approved estimates	As on end of _____ qtr. of the year _____	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)	NOT APPLICABLE	
Domestic Component (Rs. Lakh)		
Capital cost excluding IDC, IEDC, FC, FERV & Hedging Cost (Rs. Lakh)		
IDC, IEDC, FC, FERV & Hedging Cost		
Foreign Component, if any (In Million US \$ or the relevant currency)	NOT APPLICABLE	
Domestic Component (Rs. Lakh)		
Total IDC, IEDC, FC, FERV & Hedging Cost (Rs. Lakh)		
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)	NOT APPLICABLE	
Domestic Component (Rs. Lakh)		
Capital cost including IDC, IEDC & FC (Rs. Lakh)		
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 Arora Vohra & Co.
Chartered Accountants

For NHPC Ltd.

Partner



(M G Gokhale)
GM (Commercial)

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

Name of the Petitioner :

NHPC Limited

Name of the Generating Station :

Uri-I 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:

1. 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.
2. 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.
3. 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.
4. 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.
5. A list of balance work assets / work wise including initial spare on original scope of works along with estimate shall be furnished positively.

For Arora Vohra & Co.
Chartered Accountants

For NHPC Ltd.

(M G Gokhale)
GM (Commercial)

Partner



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

Name of the Petitioner :

NHPC Limited

Name of the Generating Station :

Uri-I Power Station

(Amount in Lakh)

Sl. No.	Break Down	Original cost as approved by Authority / Investment Approval ¹	Cost on Actual / anticipated COD ¹	Variation	Reason for Variation *
1	2	Total Cost	Total Cost	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 Arora Vohra & Co.
Chartered Accountants

For NHPC Ltd.

Partner



(M G Gokhale)
GM (Commercial)

Break-up of Construction/Supply/Service packages

Name of the Petitioner :

NHPC Limited

Name of the Generating Station :

Uri-I Power Station

1	Name/No. of Construction / Supply / Service Package	Package A	Package B	Package C	Total Cost of all packages
2	Scope of works ¹ (in line with head of cost break-ups as applicable)	NOT APPLICABLE				
3	Whether awarded through ICB / DCB / Departmentally / Deposit Work					
4	No. of bids received					
5	Date of Award					
6	Date of Start of work					
7	Date of Completion of Work / Expected date of completion of work					
8	Value of Award ² in (Rs. Lakh)					
9	Firm or With Escalation in prices					
10	Actual capital expenditure till the completion or up to COD whichever is earlier (Rs.Lakh)					
11	Taxes & Duties and IEDC (Rs. Lakh)					
12	IDC, FC, FERV & Hedging cost (Rs. Lakh)					
13	Sub-total (10+11+12) (Rs. Lakh)					

Note:

1. If there is any package, which need to be shown in Indian Rupee and foreign currency (ies), the same should be shown separately along with the currency, the exchange rate and the date.

For Arora Vohra & Co.
Chartered Accountants

For NHPC Ltd.

Partner



(M G Gokhale)
GM (Commercial)

In case there is cost over run

Name of the Petitioner :
Name of the Generating Station :

NHPC Limited
Uri-I Power Station

Sl. No.	Break Down	Original cost as approved by Board Members (₹ Lakh)	Actual / Estimated Cost as Incurred / to be Incurred (₹ 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					
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	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					

NOT APPLICABLE

*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 Arora Vohra & Co.
Chartered Accountants

For NHPC Ltd.

(M G Gokhale)
GM (Commercial)

Partner



146

In case there is time over run

Name of the Petitioner :

NHPC Limited

Name of the Generating Station :

Uri-I Power Station

S. No.	Description of Activity / Works / Service	Original Schedule (As per Planning)		Actual Schedule (As per Actual)		Time Over-Run	Reasons for delay	Other Activity effected (Mention Sr No of activity affected)
		Start Date	Completion Date	Actual Start Date	Actual Completion Date	Days		
1								
2		NOT APPLICABLE						
3								
4								
5								
6								
7								
8								
9								
10								

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 Arora Vohra & Co.
Chartered Accountants

For NHPC Ltd.

(M G Gokhale)
GM (Commercial)

Partner



FORM-6

Financial Package upto COD

Name of the Company
Name of the Power Station

NHPC LTD.
URI POWER STATION

Project Cost as on COD¹

₹316614 Lacs *

Date of Commercial Operation of the Station²

01.06.1997

(Amount in lacs)

1	Financial Package as Approved		Financial Package as on COD		As Admitted on COD **	
	Currency and Amount ³		Currency and Amount ³		Currency and Amount ³	
	2	3	4	5	6	7
LOANS						
GOI LOAN			INR	33832		
UTI			INR	10736		
D & E SERIES			INR	5700		
I SERIES			INR	5485		
J-1 SERIES			INR	30500		
J-2 SERIES			INR	3000		
J-3 SERIES			INR	6736		
K-2 SERIES			INR	7500		
K-3 SERIES			INR	2000		
ABSEK			INR Value of Foreign Loan	68634		
NIB			INR Value of Foreign Loan	20249		
WMB			INR Value of Foreign Loan	17737		
TOTAL LOANS				212109	INR	234201.15
Equity-						
Foreign						
Domestic			INR	97659		109034.10
Total Equity				97659	INR	109034.10
Debt : Equity Ratio			68.47 : 31.53		68.23 : 31.77	

¹ Sav US \$ 200m + Rs.400 Cr or Rs.1200 Cr including US \$200m at an exchange rate of 1US \$=Rs.40/-

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

³ For example : US \$, 200M etc.

* Gross Block as on 31/03/1998 & as admitted by CERC in tariff order dated 10/03/2005.

** As on 31/03/2014 & approved by CERC in tariff order dated 13.07.2016 in petition No.238/GT/2014. The equity and loan figures are normative.

For Arora Vohra & Co.
Chartered Accountants

For NHPC Ltd.

(Partner)



(M G Gokhale)
GM (Commercial)

Details of Project Specific Loans

Name of the Petitioner
Name of the Generating Station

NHPC Limited
Uri-I Power Station

(Amount in lacs)

Particulars	Package1	Package2	Package3	Package4	Package5	Package6
1	2	3	4	5	6	7
Source of Loan ¹						
Currency ²						
Amount of Loan sanctioned						
Amount of Gross Loan drawn upto 31.03.2019 / COD 3,4,5,13,15		All actual loans have been repaid.				
Interest Type ⁶						
Fixed Interest Rate, if applicable						
Base Rate, if Floating Interest ⁷						
Margin, if Floating Interest ⁸						
Are there any Caps/Floor ⁹	Yes/No					Yes/No
If above is yes,specify caps/floor						
Moratorium Period ¹⁰						
Moratorium effective from						
Repayment Period ¹¹						
Repayment effective from						
Repayment Frequency ¹²						
Repayment Instalment ^{13,14}						
Base Exchange Rate ¹⁶						
Are Foreign currency hedged?						
If above is yes,specify details ¹⁷						

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 31.03.2019 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 drawal/repayment for a loan, the date & amount of each drawal/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 drawal & repayment alongwith exchange rate at that date may be given with documentary evidence.

¹⁶ Base exchange rate means the exchange rate prevailing as on 31.03.2019 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 Arora Vohra & Co.
Chartered Accountants



(Partner)

For NHPC Ltd.

(M G Gokhale)
GM (Commercial)

149

Details of allocation of corporate loans to various projects

Name of the Petitioner :

NHPC Limited

Name of the Generating Station :

Uri-I Power Station

(Amount in lacs)

Particulars	Package1	Package2	Package3	Package4	Package5	Remarks
1	2	3	4	5	6	7
Source of Loan ¹						
Currency ²						
Amount of Loan sanctioned						
Amount of Gross Loan drawn upto 31.03.2019 / COD ^{3,4,5,13,15}						
Interest Type ⁶		All actual loans have been repaid.				
Fixed Interest Rate, if applicable						
Base Rate, if Floating Interest ⁷						
Margin, if Floating Interest ⁸						
Are there any Caps/Floor ⁹	Yes/No					Yes/No
If above is yes, specify caps/floor						
Moratorium Period ¹⁰						
Moratorium effective from						
Repayment Period ¹¹						
Repayment effective from						
Repayment Frequency ¹²						
Repayment Instalment ^{13,14}						
Base Exchange Rate ¹⁵						
Are Foreign currency hedged?						
If above is yes, specify details ¹⁷						
	Distribution of loan packages to various projects					
Name of the Projects						Total
Project 1						
Project 2						
Project 3 and so on						

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 31.03.2019 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 drawal/repayment for a loan, the date & amount of each drawal/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 drawal & repayment alongwith exchange rate at that date may be given with documentary evidence.¹⁶ Base exchange rate means the exchange rate prevailing as on 31.03.2019 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 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 NHPC Ltd.


 (M G Gokhale)
 GM (Commercial)
For Arora Vohra & Co.
Chartered Accountants

(Partner)



Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner

NHPC LTD

Name of the Generating Station

URI POWER STATION

COD

May-97

Amount in Rs. (In Lakh)

S. No.	Head of Work / Equipment	ACE Claimed (Actual / Projected)			IDC included in col. 3	Regulation	Justification
		Accrual basis	Un-discharged Liability included in col. 3	Cash basis			
(1)	(2)	(3)	(4)	5=(3-4)	(6)	(7)	(8)
Financial Year 2019-20							
	Additional Capitalisation						
1	410711-Retrofitting of relays / protection scheme in generating units	78.66	-	78.66	-	25 (2) (d)	This item was allowed in 15-16 for 30 lacs against value of old item of Rs 35 Lacs. Due to disturbed law and order situation in valley and poor participation from bidders, item could not be capitalized during the tariff period 2014-19. These items are required due to product obsolescence & lack of spare support from OEM. These relays will be replaced in two units of power station. Supply order has been placed in 18-19 through tendering.
2	410701-Modification/ upgradation of existing excitation/ governor system 2 units	496.13	-	496.13	-	25 (2) (d)	This item was allowed in 16-17 for 1140 lacs against value of old item of Rs 1500 lacs. Due to disturbed law and order situation in valley in recent year items and poor participation from bidders item could not be capitalized during the tariff period 2014-19. This is essentially required due to product obsolescence & to avoid unit outage / generation loss due to lack of spares / ageing of electronic components. The system in Unit#2 has been replaced in 2015-16 and replacement in Unit#1,3 & 4 shall be taken up in 2019-24. Letter of award has been placed during 2019-20.
3	410328- Construction of Parking cum Fire Building at Power House Rajarwani & Gingle	24.00		24.00		26(1)(d)	Uri Power station is having two nos of fire tenders. However, there is no facility for Parking cum Fire Building for Fire Tender at Power House Rajarwani and Gingle. As such fire station is being constructed so that in case of any eventuality, fire tenders can be rushed from a centralised location.



S. No.	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation	Justification
		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)
4	411202-Design, Supply, Construction, Erection, Testing and Commissioning of Sewage Treatment Plant at Gingle	46.00		46.00		26(1)(b)	Presently, power station has septic tank system since commissioning of the Project for the disposal of Sewage of whole colony. During the inspection by representative of SPCB, J&K for consent to operate Uri Power Station it has been pointed out that the existing digesting type i.e septic tank system is not suitable as per the norms of pollution control board guidelines and accordingly directed to upgrade the existing sewerage system. Hence, it becomes necessary to install the Sewage Treatment Plant (STP) to meet the guidelines of Central Pollution Control Board (CPCB). In order to meet out the CPCB/SPCB guidelines as well as commitment towards ENVIRONMENT, it is necessary to install Sewerage Treatment Plant
5	410712-Submersible Drainage Pump Set 55 KW: 02 Nos.	20.60	-	20.60	-	25(2)(a)	Existing drainage pumps are installed in 2005 & 2006 and completed its life. Its repair is not economical and found beyond repair due to its ageing. Presently single pump are working in each drainage sumps while it should be two as per drainage requirement of power house. It is planned to replace these pumps to avoid flooding of the power house & subsequent generation loss. Supply order has been placed in 18-19.
6	410704-Potable Cooling Water Pump 22 kw, 04 sets	16.80	-	16.80	-	25(2)(a)	Potable cooling water pumps are working since last 22 years since commissioning of the power station. Power station is facing frequent breakdown resulting in generation loss. These pumps has completed their life & found beyond repair due to ageing & its repair is not economical. Accordingly four nos old pumps of individual 4 units, are needed to be phased out with new pumps for healthiness of cooling water system & also to avoid the generation loss & forced outage due to cooling water system. Supply order has been placed in 18-19.
Total Add Cap 2019-20		682.19	-	682.19	-		
Add Cap Eligible for ROE at Normal Rate		620.79	0.00	620.79			
Add Cap Eligible for ROE at Wgt. Avg. Rate of Interest Rate		61.40	0.00	61.40			
Financial Year 2020-21							



S. No.	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation	Justification
		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)
	Additional Capitalisation						
1	410713-Upgradation of existing Hydraulic Elevator of Power House.	36.20	-	36.20	-	25 (2) (d)	This item was allowed in 14-15 for 14.16 lacs against old item of value of Rs 50 lacs. Due to disturbed law and order situation in valley in recent year items and poor participation from bidders item could not be procured in tariff period 2014-19. Initially hydraulic type elevator was installed & this model has been discontinued by the OEM & declared beyond repair. Elevator is essentially required for easy movement of manpower and materials. Supply order has been placed in 18-19 through tendering.
2	410701-*Modification / upgradation of existing excitation / governor system 1 units	248.00	-	248.00	-	25(2)(d)	This item was allowed in 16-17 for 1140 lacs against value of old item of Rs 1500 lacs. Due to disturbed law and order situation in valley in recent year items and poor participation from bidders item could not be capitalized during the tariff period 2014-19. This is essentially required due to product obsolescence & to avoid unit outage / generation loss due to lack of spares / ageing of electronic components. The system in Unit#2 has been replaced in 2015-16 and replacement in Unit#1,3 & 4 shall be taken up in 2019-24. Letter of award has been placed during 2019-20.



S. No.	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation	Justification
		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)
3	410713-Disaster Management Plan (Electrical Installation)	100.00	-	100.00	-	26(1)(b)	This item is approved in 14-15 for 100 lacs and 15-16 for 200 lacs. The present scheme for drainage and dewatering consists of four sumps, two dry pits for dewatering and two wet sumps for drainage. The dewatering pumps (one in each sump) are vertical centrifugal pumps and the drainage pumps (two in each sump) are submersible type. The power supply to all the pumps are fed through panels located in pump floor (the lowest floor of PH) and in case of any eventuality the complete drainage and dewatering system will be non functional. Hence an alternate arrangement for dewatering is proposed in which submersible pumps will be installed at pump floor and a separate piping arrangement will be made so that water can be directly discharged in to the main river through MAT. The control and power supply panel shall be located in the GIS floor which shall be fed directly from the existing DG set installed near the pothead yard. To protect the power house against flooding, the scheme of disaster management plan have been proposed in phased manner. Pumps have been installed in 15-16 and piping arrangements have been completed in 17-18. Due to disturbed law and order situation in valley in recent year items and poor participation from bidders item could not be capitalized during the tariff period 2014-19 . Installation of flood dewatering pump has also been advised by Central Electricity Authority vide notification dated 20.08.2010.
4	412503- Purchase of Boat	6.00	-	6.00	-	25(2)(a)	One number manually operated boat exists at Barrage which was purchased long time back & is in dilapidated condition. Continuous trash cleaning work is being done in the intake area using existng boat. There is always a risk to life of the workers involved due to the dilapidated condition of the existing boat. It has been repaired many times but some leakage in the boat is always there. In addition to this Pre-Monsoon and Post Monsoon reservoir survey is required as per the guidelines of CWC . To avoid any untoward incident at project, a new boat is required at the Barrage Site.
5	410701-Blowdown air compressor-02 set	10.00	-	10.00	-	25(2)(a)	These compressors are installed for safety of turbine / condenser mode operation to maintain required pressure of 15 bar & working since last 22 years of project commissioning . Due to wear and tear of the components,the blow down compressors are getting frequent breakdown resulting in unit outage & generation loss . Blow down compressors are planned for replacement in 2019-20 in unit 1&2 and two nos in 21-22.



154

S. No.	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation	Justification
		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)
6	410704-Shaft seal cooling pump: 02 Nos	7.00	-	7.00	-	25(2)(a)	There is provision of two nos shaft seal cooling pumps for cooling of shaft seal of all four units. All 04 Units can not be run without healthiness of shaft seal cooling. Presently only single pump is working & it is also in eroded condition. Its breakdown will cause outage of unit & subsequent generation loss, Accordingly it is proposed to replace these two pumps with new pumps for healthy running of unit & avoid generation loss.
7	411112-AC & V Pump Motor Set - 1 Nos.	7.00	-	7.00	-	25(2)(a)	Two nos , AC & V Pumps are installed at pump floor of power house for air conditioning and ventillation system.The existing installed AC & V pumps are in continuous operation since commissioning . Due to continuous running , impellers of pumps have been eroded and efficiency of the system has been decreased. It is causing temperature rise in ambient temperature of power house resulting in temperature rise of different components of unit & affecting equipment life & generation as whole. For healthiness of HVAC system at power house & improvement in plant temperature , replacement of these pumps are urgently required.
8	411202- Installation of STP at Barrage & Uranbua Colony	35.00	-	35.00	-	26(1)(b)	A Residential Colony of Uri Power Station is located at Uranbua downstream of Barramulla Town on bank of River Jhelum. As per the guidelines of Central Pollution Control Board (CPCB), all effluent/sewage come out from the whole colony must be treated before the final discharge and should meet the all prescribed by CPCB/SPCB. Presently, Uranbua Residential Colony has septic tank system since commissioning of the Project for the disposal of Sewage of whole colony. During the inspection by representative of SPCB, J&K for consent to operate Uri Power Station it has been pointed out that the existing digesting type i.e septic tank system is not suitable as per the norms of pollution control board guidelines and accordingly directed to upgrade the existing sewerage system. Hence, it becomes necessary to install the Sewage Treatment Plant (STP) to meet the guidelines of Central Pollution Control Board (CPCB). In order to meet out the CPCB/SPCB guidelines as well as committment towards ENVIRONMENT, it is necessary to install Sewerage Treatment Plant at the residential colony of Uranbua.



155

S. No.	Head of Work / Equipment	ACE Claimed (Actual / Projected)			IDC included in col. 3	Regulation	Justification
		Accrual basis	Un-discharged Liability included in col. 3	Cash basis			
(1)	(2)	(3)	(4)	5=(3-4)	(6)	(7)	(8)
9	411502- Purchase of 3 Nos BR Vehicles (Mahindra Rakshak Plus)	155.20		155.20		26(1)(d)	Uri Power Station is situated in Kashmir Valley near to Line of Control (LOC) of Pakistan. Security agencies / Intelligence officials have informed that infiltration is being attempted in Uri Sector resulting in risk of terrorist attacks in NHPC installations i.e. Barrage, Power House, NHPC township etc . Keeping in view of the above situations, various security meetings and security survey was conducted to safeguard NHPC installations, Employees and their families. Apart from deployment of CISF personnel, Coverage of BR vehicle has been recommended for additional security, in a meeting held on 15 April 2019 under the Chairmanship of Joint Secretary & CVO, MOP regarding review of security measures at vital installations of NHPC located in J&K.
10	410701-Pilot operated Directional Valve for MIV Service seal operation. : 01 set (Includes 03 No Valves)	25.00	-	25.00	-	25(2)(c)	These valves are installed for auto operation of service seal during stop of the unit & it is essentially required for healthiness of MIV. Any problem in pilot operated valve shall lead to non operation of MIV service seal and spinning of the unit resulting into wearing of thrust pad & may lead to its failure resulting outage of unit and generation loss. Power station is facing mal operation of these valves in unit 2 & it needs replacement & accordingly it is essentially required.
11	410704-Shell and tube type , water to oil Heat Exchanger for thrust bearing - 04 nos	40.00	-	40.00	-	25(2)(c)	There are 03 nos , shell and tube type Heat Exchangers working in parallel for cooling of thrust bearing in each unit. Due to continuous operation since commissioning & scaling of existing heat exchangers, the efficiency of system has been reduced. It is leading to temperature rise of oil & subsequent rise of thrust bearing temperature . For efficient cooling and enhancement of system efficiency & further to avoid generation loss , it is proposed to replace one heat exchanger in each unit for better performance of cooling system of thrust bearing.



S. No.	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation	Justification
		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)
12	410709-Chiller COMPRESSOR 06E299 OF 30HR225 CHILLING PLANT-2 nos	9.50	-	9.50	-	25(2)(a)	The chiller plant is installed inside the underground power house to maintain proper air ventilation and to maintain suitable temperature for working manpower and machineries. Proper functioning of the chiller plant is required through out the year otherwise it will impact the different parameter of Generting unit and its auxiliaries as well as the health of personels. The existing chillers are about 25 years old and are occurrence failures in compressors have increased . Two no compressors are not working in the existing system & we have no spare compressor to replace them.To ensure proper air connditiong of the plant it is planned to replace two nos faulty compressors with new one.
13	411903-Connectivity of all sites of Power Station with CCTV Camera with voice connectivity.	297.00		297.00		26(1)(d)	The Power Station is Located in Uri Tehsil, District Baramulla of Kashmir Division. The Area is not only a disturbed area, but is also near the LoC. In the recent years keeping in view the terrorist attacks in the vicinity of the Power Station area, the security requirements were reviewed and the concerned security agencies like CISF, IB have been strongly advising for the installation of IP based centralized surveillance system. This system is a primary security requirement for round the clock vigil in and around the areas of the Power Station. This will not only enhance the safety but will also aid the CISF in maintaining a tight vigil with lesser man power. The regular advisories from IB, MoP, MoH, CISF strongly mandate that the system be in place as early as possible.
14	411002- Purhcase of 320 KVA DG set	32.00	-	32.00	-	25(2)(c)	At present 01 no 312.5 KVA and 01 no 200 KVA DG set are installed at Barrage Control Room and being under continuous use to meet out the operational requirements during power failure. During tripping/ failure of feeders from power house, these DG sets are continuously in operation as there is no power supply available from stste govt. These DG sets are mainly dedicated for operation of HM equipments, Spillway Gates, Silt Flushing Gates, Silt Excluder Gates and Compressors & Pinch Valves of Desilting Basins & other HM and E&M installations of the Barrage Premises. Over the time thre has been increased load demand to CISF barracks and other establishments. Due to continuous operation, the 200 KVA DG sets has been degraded and is unavle to operated under full capacity. The new purchase is proposed to be undertaken for Barrage Operations in place of 200 KVA DG Set which is insufficient to meet load demand.



157

S. No.	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation	Justification
		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)
	Total Add Cap 2020-21	1,007.90	-	1,007.90	-		
	Add Cap Eligible for ROE at Normal Rate	555.70	0.00	555.70			
	Add Cap Eligible for ROE at Wgt. Avg. Rate of Interest Rate	452.20	0.00	452.20			
	Financial Year 2021-22						
	Additional Capitalisation						
1	410601- Trash cleaning arrangement at Barrage	300.00	-	300.00	-	26(1) (d)	This item was approved in 2015-16 for 300 lacs. Uri power station faces an acute problem of trash at the intake of barrage specially during the high intake season. The trash comprises of the small thorny vegetation and municipal waste which is suspended in the water and chokes the trash rack at the head regulator. As a result, there occurs a head difference between the reservoir and intake levels. Presently, to tackle this issue, back flushing is resorted to, which leads to backing down of the generation resulting in generation loss to the power station. To avoid generation loss due to heavy trash accumulation at intake during high inflow season, trash cleaning arrangement is proposed to be installed at Barrage. This is essential for the power station and will lead to efficient and smooth operation of the power station by minimizing the generation. The proposal could not be materialised due to disturbed Law & order situation in the valley and due to poor participation of the bidders.



S. No.	Head of Work / Equipment	ACE Claimed (Actual / Projected)			IDC included in col. 3	Regulation	Justification
		Accrual basis	Un-discharged Liability included in col. 3	Cash basis			
(1)	(2)	(3)	(4)	5=(3-4)	(6)	(7)	(8)
2	410713-Disaster Management Plan (Electrical Installation)	200.00	-	200.00	-	26(1)(b)	This item is approved in 14-15 for 100 lacs and 15-16 for 200 lacs. The present scheme for drainage and dewatering consists of four sumps, two dry pits for dewatering and two wet sumps for drainage. The dewatering pumps (one in each sump) are vertical centrifugal pumps and the drainage pumps (two in each sump) are submersible type. The power supply to all the pumps are fed through panels located in pump floor (the lowest floor of PH) and in case of any eventuality the complete drainage and dewatering system will be non functional. Hence an alternate arrangement for dewatering is proposed in which submersible pumps will be installed at pump floor and a separate piping arrangement will be made so that water can be directly discharged in to the main river through MAT. The control and power supply panel shall be located in the GIS floor which shall be fed directly from the existing DG set installed near the pothead yard. To protect the power house against flooding, the scheme of disaster management plan have been proposed in phased manner. Pumps have been installed in 15-16 and piping arrangements have been completed in 17-18. Due to disturbed law and order situation in valley in recent year items and poor participation from bidders item could not be capitalized during the tariff period 2014-19 . Installation of flood dewatering pump has also been advised by Central Electricity Authority vide notification dated 20.08.2010
3	410803-11 KV switch gear panel for Power House	25.00	-	25.00	-	25(2)(a)	There is provision of 11 KV panel having Bus A & B equipped with 08 Nos incomers & 09 outgoers to feed power supply to UAB of each units, SSB etc. These are working since last 22 years of commissioning of plant. We are facing blast of PT,s & also product obsolescence & it needs to be replaced. 11 KV bus failure may cause tripping of all units & failure of power supply to power house & may result in generation loss & PH flooding. In view of this, it is proposed to replace two nos 11 KV faulty panels for healthiness of 11 KV switchgear panels along with CT/PT for better system reliability & power house safety.
4	410707-10 KVA inverter (Main & standby)	23.00	-	23.00	-	25(2)(a)	10 KVA inverter is working at power house to feed 220 V AC supply to DCS server, work station, switchgear control equipments, 11 KV panel, different sensors , fire protection system & emergency lighting system of power house. Both inverters installed by OEM has failed & replaced by domestic one on emergency. It is prone to fail due to continuous loading & may lead to outage of units & generation loss. It is proposed to replace it by industrial type inverter with higher specifications for reliability of the system.



159

S. No.	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation	Justification
		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)
5	410701-Blowdown air compressor-02 set	10.00	-	10.00	-	25(2)(a)	These compressors are installed for safety of turbine / condenser mode operation to maintain required pressure of 15 bar & working since last 22 years of project commissioning . Due to wear and tear of the components,the blow down compressors are getting frequent breakdown resulting in unit outage & generation loss . Blow down compressors are planned for replacement in 2019-20 in unit 1&2 and two nos in 21-22.
6	410711-Purchase of Generator CT / PT	20.00	-	20.00	-	25(2)(C)	The CT/PT are used in the electrical circuit for measuring and protection of power equipments. The CT/PT are in use since commissioning and the insulation has aged. Due to insulation aging the PTs are failing frequently and loss of generation occurred. Further, the upgraded CT/PT has higher accuracy than the old one. To match with the latest technology, new CT/PT having high accuracy are proposed to be purchased at the earliest to replace the old ones.
7	410701-MIV service seal Assembly - 02 Set	180.00	-	180.00	-	25(2)(a)	The MIV service seal and its accessories are critical part of MIV of the hydro turbine & it seals the water in MIV during stopping of the unit. Unit can not be stopped on MIV service seal failure. Service seal are in operation since last 22 years and has eroded & it is planned for replacement For replacement in unit 1 & 2, two set of service seal assembly is required.
8	410707-220V DC battery Bank- 01 set	84.00	-	84.00	-	25(2)(a)	Two nos 220V DC battery banks are installed at Power house. The battery banks are used for power supply to generator field winding for voltage build up during starting. The battery banks are also used to supply uninterrupted power to panels,workstations and illumination system through inverter system. In case of Failure in both the battery bank, the Units cannot start and control system cannot be in functional mode. This will cause heavy generation loss to the power station. The existing battery bank has been in operation since commissioning and become old,aged and completed their life period. To avoid such failure,it is proposed to replace one of the two existing battery bank with new bank for reliable functioning of DC system of Power House.
9	410707-48V DC battery Bank- 01 set	12.00	-	12.00	-	25(2)(a)	Two nos 48V DC battery banks are installed at Power house. The battery banks are used for power supply to various protection,excitation,governing system & computer system . The existing battery bank has been in operation since commissioning and completed its life . Its storage capacity has been reduced and can not hold load for recommended time period without charging. Its failure may lead to outage of all units. To avoid such failure,it is proposed to replace one of the two existing battery banks with new bank for reliability of 48 V DC system.



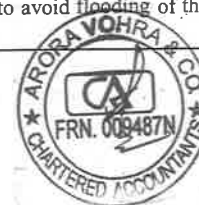
S. No.	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation	Justification
		Accrual basis	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3		
(1)	(2)	(3)	(4)	5=(3-4)	(6)	(7)	(8)
10	411202-Supply, Istallation and Commissioning of Bio-Composter at Barrage, Boniyar	25.00	-	25.00	-	26(1)(b)	<p>Solid Waste disposal generated at the power station needs to be disposed as per the Solid Waste Management Rule 2016 as notified by the The Union Ministry of Environment, Forests and Climate Change (MoEF&CC), Govt. of India.</p> <p>Uri Power Station experiencing heavy quantum of trash at Barrage which needs to be disposed off as per the guidelines. The Bio-Degradable waste collected as Barrage and domestic waste are being disposed by old technique i.e. by burrying under the ground, this technique is very old one. Now, with the advancement of the technology, the boi- waste generated / collected can be converted into compost using bio composter etc. The generated compost can be used in horticulture actiivies in the households and colony premises as well. As part of Environmental Policy and for Compliance of Solid Waste Management Rule 2016 as notified by the The Union Ministry of Environment, Forests and Climate Change (MoEF&CC), Govt. of India, Bio-Composter needs to be installed at the Barrage premises of Power Station.</p>
11	410704-Raw cooling water pump (Vertical Inline Pump) , Qty : 02 Nos	30.00	-	30.00	-	25(2)(c)	<p>One no raw water pump is working in primary cooling water circuit of each generating unit. These pumps get eroded due to working in silty water on continuous run facing frequent breakdown & need replacement. The failure of the pump is directly linked to generation loss. Accordingly it is proposed to replace it by vertical inline pumps with mechanical seal for long durability , reliable functioning of cooling water system & avoid generation loss.</p>
12	410713-Fire fighting pipe replacement	30.00		30.00		25(2)(a)	<p>Power house is equipped with water fire fighting system fed from fire tank installed at the height of 200 meter at addit -IV , above the turbine floor & it is fed to diffetermt loaction of the power house through different piping arrangement. The firefighting pipe line in audit 4 tunnel has been installed since comissioning. Due to moisture and regular use,the innner wall has been eroded & leakage from the pipilenes have been observed at several places. Temporary arrangement has been made to arrest the leakage, But it has been assessed during the checking that due to thinning of pipeline wall, leakage at other places are going to start. As fire fighting is essentially to required to keep healthy as per statutory requirement & safety of power house from intended fire, accordingly it is proposed to replace these old pipe lines in tunnel area with new pipe MS seamless type for reliability of fire fighting system.</p>



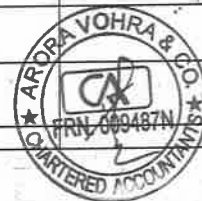
161

S. No.	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation	Justification
		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)
	Total Add Cap 2021-22	939.00	-	939.00			
	Add Cap Eligible for ROE at Normal Rate	639.00	0.00	639.00			
	Add Cap Eligible for ROE at Wgt. Avg. Rate of Interest Rate	300.00	0.00	300.00			
	Financial Year 2022-23						
	Additional Capitalisation						
1	411112-AC&V Pump Motor Set-1Nos.	7.00	-	7.00	-	25(2)(a)	Two nos , AC & V Pumps are installed at pump floor of power house for air conditioning and ventillation system.The existing installed AC & V pumps are in continuous operation since commissioning . Due to continuous running , impellers of pumps have been eroded and efficiency of the system has been decreased. It is causing temperature rise in ambient temperature of power house resulting in temperature rise of different components of unit & affecting equipment life & gearation as whole. For healthiness of HVAC system at power house & improvement in plant temperature , replacement of these pumps are urgently required
2	412503-Purchase and Installation of Automtic Weather Station	10.00	-	10.00	-	25(2)(c)	Automatic Weather Station is to be installed at Power Station in compliance to the Central Water Commissions Guidelines. This instrument is being used for measurement of Solar Radiation, Wind Direction, Wind Velocity, Evaporation, Daily Abmient Air Temperature, Rainfall etc. These data is being used for various purpose and compliances. The presently installed Automatic Weather Station installed at Barrage premises is very old one (around 16 years) and had elapsed its life. It is a digital data logger type instrument whose utility is limited. Since Upgraded instruments with more precise values has been developed which can be used at power station. In view of the elapsed life of existing AWS, a new one is proposed to be installed for compliance of Central Water Commissions's guidelines.
3	410712-Submersible Drainage Pump Set 55 KW : 2 Nos	20.60	-	20.60	-	25(2)(a)	Existing drainage pumps are installed in 2005 & 2006 and completed its life . Its repair is not economical and found beyond repair due to its ageing. Presently single pump are working in each drainage sumps while it should be two as per drainage requirement of power house.It is planned to replace these pumps to avoid flooding of the power house & subsequent generation loss.

162



S. No.	Head of Work / Equipment	ACE Claimed (Actual / Projected)			IDC included in col. 3	Regulation	Justification
		Accrual basis	Un-discharged Liability included in col. 3	Cash basis			
(1)	(2)	(3)	(4)	5=(3-4)	(6)	(7)	(8)
4	410704-Raw Cooling Water Pump set -2 nos	30.00	-	30.00	-	25(2)(c)	One no raw water pump is working in primary cooling water circuit of each generating unit. These pumps get eroded due to working in silty water on continuous run facing frequent breakdown & need replacement. The failure of the pump is directly linked to generation loss. Accordingly it is proposed to replace it by vertical inline pumps with mechanical seal for long durability , reliable functioning of cooling water system & avoid generation loss.
5	410703-Duplex STRAINER : 03 Sets	50.00	-	50.00	-	25(2)(c)	The duplex strainers are used in the primary circuit of cooling water system to filter out the smaller trash so that clean water pass through the heat exchanger to extract heat from the secundary cooling water. Existing duplex strainers are operating since 22 years of commissioning of PS . Due to continuous working in raw & silty water , its components has been eroded & prone to frequent breakdown. . It is causing trouble in cooling water system resulting in unit outage & generation loss. Keeping in view of the deteriorated condition, it is proposed to replace the 3 nos duplex strainers in unit 1,2&3 for healthy & efficient working of cooling water system.
6	410713-Fire fighting pipe replacement	30.00		30.00		25(2)(a)	Power house is equipped with water fire fighting system fed from fire tank installed at the height of 200 meter at addit -IV , above the turbine floor & it is fed to diffeternt loaction of the power house through different piping arrangement. The firefighting pipe line in audit 4 tunnel has been installed since comissioning. Due to moisture and regular use,the innner wall has been eroded & leakage from the pipilenes have been observed at several places. Temporary arrangement has been made to arrest the leakage, But it has been assessed during the checking that due to thinning of pipeline wall, leakage at other places are going to start. As fire fighting is essentially to required to keep healthy as per statutory requirement & safety of power house from intended fire, accordingly it is proposed to replace these old pipe lines in tunnel area with new pipe MS seamless type for reliability of fire fighting system.
	Total Add Cap 2022-23	147.60	-	147.60			
	Add Cap Eligible for ROE at Normal Rate	147.60	0.00	147.60			
	Add Cap Eligible for ROE at Wgt. Avg. Rate of Interest Rate	0.00	0.00	0.00			



S. No.	Head of Work / Equipment	ACE Claimed (Actual / Projected)			IDC included in col. 3	Regulation	Justification
		Accrual basis	Un-discharged Liability included in col. 3	Cash basis			
(1)	(2)	(3)	(4)	5=(3-4)	(6)	(7)	(8)
Financial Year 2023-24							
B	Additional Capitalisation						
1	410704-Shaft seal cooling pump: 02 Nos	7.00	-	7.00	-	25(2)(a)	There is provision of two nos shaft seal cooling pumps for cooling of shaft seal of all four units. All 04 Units can not be run without healthiness of shaft seal cooling. Presently only single pump is working & it is also in eroded condition. Its breakdown will cause outage of unit & subsequent generation loss, Accordingly it is proposed to replace these two pumps with new pumps for healthy running of unit & avoid generation loss.
2	410703-Replacement of 400 KV oil filled cables with XLPE Cable-Circuit I	1,000.00	-	1,000.00	-	25(2)(c)	There is provision of two no 400 KV lines for power evacuation of Uri power station equipped with oil filled cables since last 22 years of project commissioning. Power station is facing oil leakage in 400 KV oil filled cables in both lines. Replacement of these cables with 400 KV XLPE cable has been done in line II in 2018 . Outage of evacuation line may result in tripping of units & subsequent generation loss . For healthiness of Line-I , it is planned to replace 400 kV oil filled cables with XLPE cables in circuit -1 , to avoid outage of line on breakdown of oil filled cable.
	Total Add Cap 2023-24	1,007.00	-	1,007.00			
	Add Cap Eligible for ROE at Normal Rate	1007.00	0.00	1007.00			
	Add Cap Eligible for ROE at Wgt. Avg. Rate of Interest Rate	0.00	0.00	0.00			

1. In case the project has been completed and cost has already been admitted under any tariff notification(s) in the past, fill column 9 giving the cost as admitted for the purpose of tariff notification already issued by (Name 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 2019-24.
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-capitalized during that year and original value of such asset to be shown at col. 3. In addition, 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:

164



S. No.	Head of Work / Equipment	ACE Claimed (Actual / Projected)			IDC included in col. 3	Regulation	Justification
		Accrual basis	Un-discharged Liability included in col. 3	Cash basis			
(1)	(2)	(3)	(4)	5=(3-4)	(6)	(7)	(8)

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 Arora Vohra & Co.
Chartered Accountants



For NHPC Ltd.

(M G Gokhale)
GM (Commercial)

Statement of Additional Capitalisation during fag end of the Project

Name of the Petitioner : NHPC Limited
 Name of the Generating Station : URI-I Power Station
 COD : 01.06.1997

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
1		NOT APPLICABLE			
2					
3					
4					

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 Arora Vohra & Co.
Chartered Accountants

For NHPC Ltd.

(Partner)



(M G Gokhale)
GM (Commercial)

Details of Assets De-capitalized during the period

Name of the Petitioner Name of the Generating Station Region Northern		NHPC LTD URI POWER STATION State - J&K District- Baramulla		Amount in Rs. (In Lakh)	
S. No.	Name of the Asset	Nature of de-capitalization (whether claimed under exclusion or as additional capital expenditure)	Original Value of the Asset Capitalized	Year put to use	Depreciation recovered till date of decapitalization
(1)	(2)	(3)	(4)	(5)	(6)
	2019-20 - Assumed Deletion				
1	410714-Retrofitting of relays / protection scheme in generating units. Acquisition Value Rs.21.82 Lakh WDV in Replacement Year Rs.5.57 Lakh.	Claimed as additional Expenditure	21.82	1997	16.25
2	410714-Modification/ upgradation of existing excitation/ governor system 2 units. Acquisition Value Rs.138.73 Lakh WDV in Replacement Year Rs.49.54 Lakh.	Claimed as additional Expenditure	138.73	1997	89.19
3	410714-Submersible Drainage Pump Set 55 KW: 02 Nos. Acquisition Value Rs.5.72 Lakh WDV in Replacement Year Rs.2.04 Lakh.	Claimed as additional Expenditure	5.72	1997	3.68
4	410714-Potable Cooling Water Pump 22 kw, 04 sets. Acquisition Value Rs.4.66 Lakh WDV in Replacement Year Rs.1.66 Lakh.	Claimed as additional Expenditure	4.66	1997	3.00
5	410714-TUBE BUNDLE FOR HEAT EXCHANGER -TYPE AEW 26-182 (1). Acquisition Value Rs. 18.73 Lakh WDV in Replacement Year Rs.4.78 Lakh.	Claimed as additional Expenditure	18.73	1997	13.95
6	410714-Stationary wear Ring Top and Bottom (2 sets) Acquisition Value Rs.6.94 Lakh WDV in Replacement Year Rs.2.48 Lakh.	Claimed as additional Expenditure	6.94	1997	4.46
7	410714-Rotating wear Ring Top and Bottom (1 Set). Acquisition Value Rs.1.39 Lakh WDV in Replacement Year Rs.0.50 Lakh.	Claimed as additional Expenditure	1.39	1997	0.89
8	410714-PROPORTIONAL VALVE 4WRTE25V350L-4X/6EG24K31/A5MBRID-R900975549 MAKE-REXROTH. Acquisition Value Rs.1.48 Lakh WDV in Replacement Year Rs.0.53 Lakh.	Claimed as additional Expenditure	1.48	1997	0.95
	Total Assumed Deletion 2019-20		199.47		132.37
	2020-21 - Assumed Deletion				
1	410713-Upgradation of existing Hydraulic Elevator of Power House. Acquisition Value Rs.10.04 Lakh WDV in Replacement Year Rs.3.59 Lakh.	Claimed as additional Expenditure	10.04	1997	6.45



S. No.	Name of the Asset	Nature of de-capitalization (whether claimed under exclusion or as additional capital expenditure)	Original Value of the Asset Capitalized	Year put to use	Depreciation recovered till date of decapitalization
(1)	(2)	(3)	(4)	(5)	(6)
2	410714-Modification / upgradation of existing excitation / governor system 1 units. Acquisition Value Rs.83.24 Lakh WDV in Replacement Year Rs.29.66 Lakh.	Claimed as additional Expenditure	83.24	1997	53.58
3	412503- Purchase of Boat. Acquisition Value Rs.1.33 Lakh WDV in Replacement Year Rs.0.72 Lakh.	Claimed as additional Expenditure	1.33	22-09-08	0.61
4	410714-Blowdown air compressor-02 set. Acquisition Value Rs.2.77 Lakh WDV in Replacement Year Rs.0.99 Lakh.	Claimed as additional Expenditure	2.77	1997	1.78
5	410714-Shaft seal cooling pump: 02 Nos. Acquisition Value Rs.1.94 Lakh WDV in Replacement Year Rs.0.69 Lakh.	Claimed as additional Expenditure	1.94	1997	1.25
6	411112-AC & V Pump Motor Set - 1 Nos. Acquisition Value Rs.1.94 Lakh WDV in Replacement Year Rs.0.69 Lakh.	Claimed as additional Expenditure	1.94	1997	1.25
7	410714-Pilot operated Directional Valve for MIV Service seal operation. : 01 set (Includes 03 No Valves) Acquisition Value Rs.6.94 Lakh WDV in Replacement Year Rs.2.47 Lakh.	Claimed as additional Expenditure	6.94	1997	4.47
8	410714-Shell and tube type , water to oil Heat Exchanger for thrust bearing - 04 nos. Acquisition Value Rs.11.10 Lakh WDV in Replacement Year Rs.3.95 Lakh.	Claimed as additional Expenditure	11.10	1997	7.15
9	410714-Chiller COMPRESSOR 06E299 OF 30HR225 CHILLING PLANT-2 nos. Acquisition Value Rs.2.64 Lakh WDV in Replacement Year Rs.0.94 Lakh.	Claimed as additional Expenditure	2.64	1997	1.70
10	410714-Thrust Bearing Pads (01 set) Acquisition Value Rs.12.49 Lakh WDV in Replacement Year Rs.4.45 Lakh.	Claimed as additional Expenditure	12.49	1997	8.04
11	410714-Rotating wear Ring Top and Bottom (1 Set) Acquisition Value Rs.1.39 Lakh WDV in Replacement Year Rs.0.49 Lakh.	Claimed as additional Expenditure	1.39	1997	0.90
12	410714-Stationary wear Ring Top and Bottom (2 Sets) Acquisition Value Rs.6.94 Lakh WDV in Replacement Year Rs.2.47 Lakh.	Claimed as additional Expenditure	6.94	1997	4.47
13	410714-Guide Vane Servomotor 1 set. Acquisition Value Rs.24.42 Lakh WDV in Replacement Year Rs.8.70 Lakh.	Claimed as additional Expenditure	24.42	1997	15.72
14	410714Thermal lagging with Alluminium cladding of cooling water pipe lines at power house. Acquisition Value Rs.9.71 Lakh WDV in Replacement Year Rs.3.46 Lakh.	Claimed as additional Expenditure	9.71	1997	6.25



S. No.	Name of the Asset	Nature of de-capitalization (whether claimed under exclusion or as additional capital expenditure)	Original Value of the Asset Capitalized	Year put to use	Depreciation recovered till date of decapitalization
(1)	(2)	(3)	(4)	(5)	(6)
15	410713-Purchase of bearing oil mist extraction system (04 Sets). Acquisition Value Rs.4.44 Lakh WDV in Replacement Year Rs.1.58 Lakh.	Claimed as additional Expenditure	4.44	1997	2.86
16	411002- Purchase of 320 KVA DG set. Acquisition Value Rs.8.88 Lakh WDV in Replacement Year Rs.1.17 Lakh.	Claimed as additional Expenditure	8.88	1997	7.71
	Total Assumed Deletion 2020-21		190.21		124.19
	2021-22 - Assumed Deletion				
1	410803-11 KV switch gear panel for Power House. Acquisition Value Rs.6.94 Lakh WDV in Replacement Year Rs.2.47 Lakh.	Claimed as additional Expenditure	6.94	1997	4.47
2	410714-10 KVA inverter (Main & standby). Acquisition Value Rs.6.38 Lakh WDV in Replacement Year Rs.2.27 Lakh.	Claimed as additional Expenditure	6.38	1997	4.11
3	410714-Blowdown air compressor-02 set. Acquisition Value Rs.2.80 Lakh WDV in Replacement Year Rs.1.00 Lakh.	Claimed as additional Expenditure	2.80	1997	1.8
4	410714-Purchase of Generator CT / PT. Acquisition Value Rs.5.61 Lakh WDV in Replacement Year Rs.1.99 Lakh.	Claimed as additional Expenditure	5.61	1997	3.62
5	410714-MIV service seal Assembly -02 Set. Acquisition Value Rs.50.59 Lakh WDV in Replacement Year Rs.17.99 Lakh.	Claimed as additional Expenditure	50.59	1997	32.60
6	410714-220V DC battery Bank- 01 set. Acquisition Value Rs.23.31 Lakh WDV in Replacement Year Rs.8.30 Lakh.	Claimed as additional Expenditure	23.31	1997	15.01
7	410714-48V DC battery Bank- 01 set. Acquisition Value Rs.3.33 Lakh WDV in Replacement Year Rs.1.19 Lakh.	Claimed as additional Expenditure	3.33	1997	2.14
8	410714-Raw cooling water pump (Vertical Inline Pump) , Qty : 02 Nos. Acquisition Value Rs.8.32 Lakh WDV in Replacement Year Rs.2.97 Lakh.	Claimed as additional Expenditure	8.32	1997	5.35
9	410713-Fire fighting pipe replacement . Acquisition Value Rs.16.65 Lakh WDV in Replacement Year Rs.5.93 Lakh.	Claimed as additional Expenditure	16.65	1997	10.72
10	410714-TUBE BUNDLE FOR HEAT EXCHANGER. Acquisition Value Rs.18.77 Lakh WDV in Replacement Year Rs.6.67 Lakh.	Claimed as additional Expenditure	18.77	1997	12.10
11	410714-Rotating wear Ring Top and Bottom (1 Set). Acquisition Value Rs.1.39 Lakh WDV in Replacement Year Rs.0.50 Lakh.	Claimed as additional Expenditure	1.39	1997	0.89



S. No.	Name of the Asset	Nature of de-capitalization (whether claimed under exclusion or as additional capital expenditure)	Original Value of the Asset Capitalized	Year put to use	Depreciation recovered till date of de-capitalization
(1)	(2)	(3)	(4)	(5)	(6)
12	410714-Stationary wear Ring Top and Bottom (2 set). Acquisition Value Rs.6.98 Lakh WDV in Replacement Year Rs.2.48 Lakh.	Claimed as additional Expenditure	6.98	1997	4.50
13	410714-PROPORTIONAL VALVE 4WRTE25V350L-4X/6EG24K31/A5MBRID-R900975549 MAKE-REXROTH. Acquisition Value Rs.1.50 Lakh WDV in Replacement Year Rs.0.53 Lakh.	Claimed as additional Expenditure	1.50	1997	0.97
	Total Assumed Deletion 2021-22		152.57		98.28
	2022-23 - Assumed Deletion				
1	411112-AC&V Pump Motor Set-1Nos. Acquisition Value Rs.1.94 Lakh WDV in Replacement Year Rs.0.69 Lakh.	Claimed as additional Expenditure	1.94	1997	1.25
2	412503-Purchase and Installation of Automatic Weather Station. Acquisition Value Rs.2.77 Lakh WDV in Replacement Year Rs.0.99 Lakh.	Claimed as additional Expenditure	2.77	1997	1.78
3	411112-Submersible Drainage Pump Set 55 KW : 2 Nos. Acquisition Value Rs.5.72 Lakh WDV in Replacement Year Rs.2.03 Lakh.	Claimed as additional Expenditure	5.72	1997	3.69
4	410714-Raw Cooling Water Pump set -2 nos. Acquisition Value Rs.8.34 Lakh WDV in Replacement Year Rs.2.96 Lakh.	Claimed as additional Expenditure	8.34	1997	5.38
5	410714-Duplex Basket Filter : 03 Sets. Acquisition Value Rs.13.87 Lakh WDV in Replacement Year Rs.4.94 Lakh.	Claimed as additional Expenditure	13.87	1997	8.93
6	410713-Fire fighting pipe replacement . Acquisition Value Rs.16.65 Lakh WDV in Replacement Year Rs.5.93 Lakh.	Claimed as additional Expenditure	16.65	1997	10.72
7	410714-Rotating wear Ring Top and Bottom (1 Set). Acquisition Value Rs.1.39 Lakh WDV in Replacement Year Rs.0.49 Lakh.	Claimed as additional Expenditure	1.39	1997	0.90
8	410714-HP AIR COMPRESSOR, MAKE-BAUER, MODEL-MARINER 250-E-I. Acquisition Value Rs.4.11 Lakh WDV in Replacement Year Rs.1.46 Lakh.	Claimed as additional Expenditure	4.11	1997	2.65
9	410714-SINGLE PHASE CAPACITOR VOLTAGE TRANSFORMER, 420/V3 KV, 7000PF. Acquisition Value Rs.2.80 Lakh WDV in Replacement Year Rs.0.99 Lakh.	Claimed as additional Expenditure	2.80	1997	1.81
10	410714-Stationary wear Ring Top and Bottom (2 Set). Acquisition Value Rs.7.01 Lakh WDV in Replacement Year Rs.2.49 Lakh.	Claimed as additional Expenditure	7.01	1997	4.52
	Total Assumed Deletion 2022-23		64.6		41.63



S. No.	Name of the Asset	Nature of de-capitalization (whether claimed under exclusion or as additional capital expenditure)	Original Value of the Asset Capitalized	Year put to use	Depreciation recovered till date of decapitalization
(1)	(2)	(3)	(4)	(5)	(6)
	2023-24 - Assumed Deletion				
1	410714-Shaft seal cooling pump: 02 Nos. Acquisition Value Rs.1.95 Lakh WDV in Replacement Year Rs.0.69 Lakh.	Claimed as additional Expenditure	1.95	1997	1.26
2	410714-Replacement of 400 KV oil filled cables with XLPE Cable- Circuit 1. Acquisition Value Rs.277.45 Lakh WDV in Replacement Year Rs.98.43 Lakh.	Claimed as additional Expenditure	277.45	1997	179.02
3	410714/Purchase of Rotating wear Ring Top and Bottom (1 Set). Acquisition Value Rs.1.39 Lakh WDV in Replacement Year Rs.0.49 Lakh.	Claimed as additional Expenditure	1.39	1997	0.90
4	410714/Purchase of Stationary wear Ring Top and Bottom (2 Set). Acquisition Value Rs.6.98 Lakh WDV in Replacement Year Rs.2.48 Lakh.	Claimed as additional Expenditure	6.98	1997	4.50
5	410608-Hydraulic Cylinders for Spillway gates for Baarage. Acquisition Value Rs.27.75 Lakh WDV in Replacement Year Rs.9.82 Lakh.	Claimed as additional Expenditure	27.75	1997	17.93
6	410601-Fabrication, Erection, Testing & Commissioning of TRCM for Barrage. Acquisition Value Rs.27.93 Lakh WDV in Replacement Year Rs.9.91 Lakh.	Claimed as additional Expenditure	27.93	1997	18.02
	Total Assumed Deletion 2023-24		343.45		203.61
	Grand Total Assumed Deletion for 2019-24		950.3		600.08

Note: Year wise detail need to be submitted.

Note: Year wise detail need to be submitted.

For Arora Vohra & Co.
Chartered Accountants

(Partner)

For NHPC Ltd.

(M G Gokhale)
GM (Commercial)



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

Name of the Petitioner :

NHPC Limited

Name of the Generating Station :

Uri Power Station

COD : 01.06.1997

Sl. No.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7
1	Closing Gross Block as per IND AS	Petition is based on projected additional capital expenditure reconciliation will be submitted at the time of truing up of capital expenditure.				
2	Add/Less: Adjustments					
3	Closing Gross Block as per IGAAP					
4	Opening Gross Block as per IND AS					
5	Add/Less: Adjustments					
6	Opening Gross Block as per IGAAP					
7	Total Additions as per books (G=3-5)					
8	Less: Additions pertaining to other Stages (give Stage Wise breakup)					
9	Net Additions pertaining to instant project/Unit/Stage					
10	Less Exclusions (items not allowable / not claimed)					
11	Net Additions Capital Expenditure Claimed (on accrual basis)					
12	Less: Un-discharged Liabilities					
13	Add: Discharge of un-discharged liabilities, corresponding to admitted assets/works					
14	Net Additional Capital Expenditure Claimed (on cash basis)					

Note:

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

For Arora Vohra & Co.
Chartered Accountants

For NHPC Limited

(M G Gokhale)
General Manager (Comml.)



Statement showing items / assets / works claimed under Exclusions

Name of the Petitioner : NHPC Limited
 Name of the Generating Station : URI-I Power Station
 COD : 01.06.1997

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 Arora Vohra & Co.
Chartered Accountants

For NHPC Ltd.

(Partner)




 (M G Gokhale)
 GM (Comm.)

Statement of Capital Cost
(To be given for relevant dates and year wise)

Name of the Petitioner : NHPC Limited

Name of the Generating Station : URI-I 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 Arora Vohra & Co.
Chartered Accountants

For NHPC Ltd.

(Partner)



(Signature)
(M G Gokhale)
GM (Comml.)

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 : URI-I 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 Arora Vohra & Co.
Chartered Accountants****For NHPC Ltd.**

(Partner)

**(M G Gokhale)
GM (Comm.)**

Financing of Additional Capitalisation

Name of the Petitioner : **NHPC Limited**
 Name of the Generating Station : **Uri-I Power Station**
 Date of Commercial Operation : **01.06.1997**

(Amount in Rs. Lakhs)

Financial Year (Starting from COD) ¹	Actual / projected					Admitted				
	Year 1	Year 2	Year 3	Year 4	Year 5	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	699.39	817.69	786.43	83.00	663.55					
Financing Details										
Loan-1										
Loan-2										
Loan-3 and so on										
Total Loan ²										
Equity										
Internal Resources	699.39	817.69	786.43	83.00	663.55					
Others (Pl. specify)										
Total	699.39	817.69	786.43	83.00	663.55					

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 Arora Vohra & Co.
Chartered Accountants

For NHPC Ltd.

(Partner)



(M G Gokhale)
GM (Comml.)

Calculation of Depreciation

Name of the Petitioner :

NHPC Limited

Name of the Generating Station :

Uri-I Power Station

(Amount in ₹ Lakhs)

Sl. No.	Name of the Assets ¹	Gross Block as on 31.03.2019 or as on COD, whichever is later and subsequently for each year thereafter up to 31.03.2024	Depreciation Rates as per CERC's Depreciation Rate Schedule	Depreciation Amount for each year up to 31.03.2024
	1	2	3	4 = Col.2 X Col.3
1	Land*			
5	Buildings			
6	and so on	Power station has completed 12 years of commercial operation in FY 2009-10, therefore, depreciation rate is not applicable.		
7				
8				
9				
10				
11				
12				
13				
14				
15				
	TOTAL			
Weighted Average Depreciation Rate (%) of depreciation				

* 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 Arora Vohra & Co.
Chartered Accountants

For NHPC Ltd.

(Partner)



(M G Gokhale)
GM (Comml.)

Statement of Depreciation

Name of the Petitioner :

NHPC Limited

Name of the Generating Station :

Uri-I Power Station

(Amount in Rs. Lakh)

Sl. No.	Particulars	Exsting 2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7	
1	Opening Capital Cost	342,992.12	343,558.76	344,245.97	345,063.66	345,850.09	345,933.09
2	Closing Capital Cost	343,558.76	344,245.97	345,063.66	345,850.09	345,933.09	346,596.64
3	Average Capital Cost	343,275.44	343,902.37	344,654.82	345,456.88	345,891.59	346,264.87
4	Freehold land*	0	0	0	0	0	0
5	Rate of depreciation						
6	Depreciable value	308,947.90	309,512.13	310,189.34	310,911.19	311,302.43	311,638.38
7	Balance useful life at the beginning of the period	14.17	18.17	17.17	16.17	15.17	14.17
8	Remaining depreciable value	67,674.28	63,711.75	61,026.34	58,332.57	55,228.63	51,971.63
9	Depreciation (for the period)	4,777.01	3,507.07	3,554.93	3,608.20	3,641.45	3,668.59
10	Depreciation (annualised)						
11	Cumulative depreciation at the end of the period	246,050.63	249,307.45	252,717.92	256,186.82	259,715.25	263,335.34
12	Less : Cumulative depreciation adjustment on account of de-capitalisation (Refer Form-9B(i))	250.25	144.46	139.31	113.02	48.50	260.94
13	Net Cumulative depreciation at the end of the period	245,800.38	249,162.99	252,578.62	256,073.80	259,666.75	263,074.39

Note:

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

For Arora Vohra & Co.
Chartered Accountants

For NHPC Ltd.

(Partner)

(M G Gokhale)
GM (Comm.)

Calculation of Weighted Average Rate of Interest on Actual Loans¹

Name of the Petitioner :

NHPC Limited

Name of the Generating Station :

Uri-I Power Station

(Amount in ₹ Lakh)

Particulars	Existing 2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
Loan-1						
Gross loan - Opening						
Cumulative repayments of Loans upto previous year						
Net loan - Opening						
Add: Drawal(s) during the Year						
Less: Repayment (s) of Loans during the year						
Net loan - Closing						
Average Net Loan						
Rate of Interest on Loan on annual basis						
Interest on loan						
Loan-2						
Gross loan - Opening						
Cumulative repayments of Loans upto previous year						
Net loan - Opening						
Add: Drawal(s) during the Year						
Less: Repayment (s) of Loans during the year						
Net loan - Closing						
Average Net Loan						
Rate of Interest on Loan on annual basis						
Interest on loan						
Loan-3 and so on						
Gross loan - Opening						
Cumulative repayments of Loans upto previous year						
Net loan - Opening						
Add: Drawal(s) during the Year						
Less: Repayment (s) of Loans during the year						
Net loan - Closing						
Average Net Loan						
Rate of Interest on Loan on annual basis						
Interest on loan						
Total Loan						
Gross loan - Opening						
Cumulative repayments of Loans upto previous year						
Net loan - Opening						
Add: Drawal(s) during the Year						
Less: Repayment (s) of Loans during the year						
Net loan - Closing						
Average Net Loan						
Interest on loan						
Weighted average Rate of Interest on Loans						

Actual loans for the project have been repaid during 2009-14 tariff period. For weighted average rate of interest on loan refer Appendix to Form-9.

Note:

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

For Arora Vohra & Co.
Chartered Accountants

For NHPC Ltd.

(Partner)



(M G Gokhale)
GM (Comml.)

Calculation of Interest on Normative Loan

Name of the Petitioner : **NHPC Limited**
 Name of the Generating Station : **Uri-I Power Station**

(Amount in Rs. Lakh)

Sl. No.	Particulars	Existing 2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	Gross Normative loan - Opening	234,030.96	234,427.61	234,908.66	235,481.04	236,031.54	236,089.64
2	Cumulative repayment of Normative loan upto previous year	234,030.96	234,427.61	234,908.66	235,481.04	236,031.54	236,089.64
3	Net Normative loan - Opening	0.00	0.00	0.00	0.00	0.00	0.00
4	Add : Increase due to addition during the year / period	641.24	477.53	705.53	657.30	103.32	704.90
5	Less : Decrease due to de-capitalisation during the year / period	244.59	139.63	133.15	106.80	45.22	240.42
6	Less : Decrease due to reversal during the year / period	0.00	0.00	0.00	0.00	0.00	0.00
7	Add : Increase due to discharges during the year / period	0.00	143.14	0.00	0.00	0.00	0.00
	Less : Repayment during the year	396.65	481.05	572.38	550.50	58.10	464.49
8	Net Normative loan - Closing	0.00	0.00	0.00	0.00	0.00	0.00
9	Average Normative loan	0.00	0.00	0.00	0.00	0.00	0.00
10	Weighted average rate of interest	7.77%	7.92%	7.92%	7.92%	7.92%	7.92%
11	Interest on Loan	0.00	0.00	0.00	0.00	0.00	0.00

For Arora Vohra & Co.
Chartered Accountants

For NHPC Ltd.

(Partner)



(M G Gokhale)
GM (Comml.)

Calculation of Interest on Working Capital

Name of the Petitioner : **NHPC Limited**
 Name of the Generating Station : **Uri-I Power Station**

(Amount in ₹ Lakh)

Sl. No.	Particulars	Existing 2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7	8
1	O & M Expenses	799.71	1,270.22	1,330.78	1,394.23	1,460.70	1,530.35
2	Maintenance Spares	1,439.48	2,286.40	2,395.41	2,509.61	2,629.27	2,754.62
3	Receivables	6,204.45	4,596.99	4,681.36	4,769.86	4,857.68	4,948.67
4	Total Working Capital	8,443.64	8,153.61	8,407.55	8,673.71	8,947.65	9,233.64
5	Rate of Interest	13.50%	12.05%	12.05%	12.05%	12.05%	12.05%
6	Interest on Working Capital	1,139.89	982.51	1,013.11	1,045.18	1,078.19	1,112.65

For Arora Vohra & Co.
Chartered Accountants



For NHPC Ltd.


(M G Gokhale)
GM (Comml.)

Other Income as on actual / anticipated COD

Name of the Petitioner : **NHPC Limited**
 Name of the Generating Station : **Uri-I Power Station**

(Amount in Rs. Lakh)

Sl. No.	Particulars	Existing 2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
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 Arora Vohra & Co.
Chartered Accountants

(Partner)



For NHPC Ltd.

(M G Gokhale)
GM (Comm.)

Incidental Expenditure during Construction

Name of the Petitioner :

NHPC Limited

Name of the Generating Station :

Uri-I Power Station

(Amount in Rs. 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	NOT APPLICABLE	
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		
		

For Arora Vohra & Co.
Chartered Accountants

For NHPC Ltd.

(Partner)




(M G Gokhale)
GM (Comml.)

Name of the Petitioner : **NHPC Limited**
 Name of the Generating Station : **Uri-I Power Station**

Draw Down Schedule for Calculation of IDC & Financing Charges

Sl. No.	Draw Down Particulars	Quantum In Foreign currency	Quarter 1		Quarter 2		Quarter n (GOD)			
			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 paripassu 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 Arora Vohra & Co.
Chartered Accountants

(Partner)



For NHPC Ltd.

(M G Gokhale)
GM(Commercial)

Actual cash expenditure

Name of the Petitioner : **NHPC Limited**
 Name of the Generating Station : **Uri-I Power Station**

(Amount in Rs. 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 Arora Vohra & Co.
Chartered Accountants

For NHPC Ltd.


 (M G Gokhale)
 GM (Commercial)

(Partner)



**Design energy and peaking capability (month wise) - ROR with
Pondage / Storage type new stations**

Generating Company :

Name of Hydro-electric Generating Station :

Installed Capacity : No. of units X MW :

Month		Design Energy* (MUs)	Designed Peaking Capability (MW)*
April	I		
	II		
	III		
May	I		
	II		
	III		
June	I		
	II		
	III		
July	I	NOT APPLICABLE	
	II		
	III		
August	I		
	II		
	III		
September	I		
	II		
	III		
October	I		
	II		
	III		
November	I		
	II		
	III		
December	I		
	II		
	III		
January	I		
	II		
	III		
February	I		
	II		
	III		
March	I		
	II		
	III		
Total			

* As per DPR / TEC of CEA dated

Note:

Specify the number of peaking hours for which station has been designed.

**For Arora Vohra & Co.
Chartered Accountants**

For NHPC Ltd.

(Partner)




(M G Gokhale)
GM (Commercial)

Design Energy and MW Continuous (month-wise) - ROR type stations

Generating Company

NHPC Limited

Name of Hydro - electric Station

URI POWER STATION

Installed Capacity: No. of units x MW =

4 X 120 MW

Month		Design Energy * (MUs)	MW continuous*
April	I	109.44	
	II	109.44	
	III	109.44	
May	I	109.44	
	II	109.44	
	III	120.38	
June	I	109.44	
	II	109.44	
	III	109.44	
July	I	109.44	
	II	109.44	
	III	120.38	
August	I	109.44	
	II	91.84	
	III	101.35	
September	I	85.55	
	II	67.02	
	III	56.67	
October	I	48.64	
	II	37.45	
	III	31.60	
November	I	25.26	
	II	23.68	
	III	23.28	
December	I	22.59	
	II	22.59	
	III	26.21	
January	I	25.96	
	II	24.12	
	III	31.00	
February	I	47.80	
	II	46.56	
	III	38.73	
March	I	62.71	
	II	85.40	
	III	116.77	
TOTAL		2587.38	

* As per DPR/TEC of CEA dated.....

For Arora Vohra & Co.
Chartered Accountants

(Partner)



For NHPC Ltd.

(M G Gokhale)
GM (Commercial)

Statement of Liability Flow

Name of the Petitioner: NHPC Limited

Name of the Generating Station: Uri-I Power Station

Party	Asset / Work	Year of actual capitalisation	Original Liability	Liability as on 31.03.2019	Discharges (Year wise) 2019-20	Reversal (Year wise)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
a) For assets eligible for normal RoE						
Nelco Ltd S008181	CCTV Cameras for Barrage	2012-13	40,000	40,000	40,000	
Ab. Gani Tantaray S015097	Poviding of provision against suit for Land compensation measuring 12 Knal at Boniyar	2013-14	1,020,000	1,020,000	1,020,000	
Sudkabel Gmbh - Germany	410714- Supply and Installation of XLPE Cable	2018-19	4,927,605	4,927,605	4,927,605	
M/S SUEDKABEL INDIA PRIVATE LIMITED	410714- Supply and Installation of XLPE Cable	2018-19	14,342,084	14,342,084	14,342,084	
M/S SUEDKABEL INDIA PRIVATE LIMITED	410714- Supply and Installation of XLPE Cable	2018-19	119,269	119,269	119,269	
			20,448,958	20,448,958	20,448,958	

b) For assets eligible for RoE at weightage average rate of interest on loan

For Arora Vohra & Co.
Chartered Accountants

(Partner)



For NHPC Ltd.

(M G Gokhale)
GM (Commercial)

188

Operation and maintenance Expense

Name of the Generating NHPC Limited
 Name of the Generating Uri-I Power Station

In case of hydro generating stations declared under commercial on or after 1.4.2019

Total capital expenditure up to cutoff date(a)	Not Applicable
R& R Expenditure (b)	
IDC & IEDC (c)	
Capital cost considered for O&M expense (d)=(a)-(b)-(c)	
First year annualize O&M expenses @ 3.5% of above (e)=3.50% of (d)	
O&M expense for next year @ 4.77% of above (f)= 4.77% of (e)	
Additional O&M expenses due to 7th Pay Commission wage Revision	
Additional O&M expenses due to Minimum wage Revision	
Additional O&M expenses due to Goods and Service Tax (GST)	

Note: Additional O&M expenses with supporting documents and computations to be provided for respective years of Tariff Period

For Arora Vohra & Co.
Chartered Accountants

For NHPC Limited


(M G Gokhale)
General Manager (Comml.)



Operation and maintenance Expense for Existing Generating Stations

Name of the Petitioner :NHPC Limited

Name of the Generating Station :Uri-I Power Station

(Amount in Lakh)

Description/Year	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
O&M expense allowed as regulation 35(2)(a) of CERC Tariff Regulations'2019		9865.77	10336.03	10828.70	11344.85	11885.61
Additional O&M expenses due to 3rd Pay Commission wage Revision	1237.64	1296.68	1358.53	1423.33	1491.23	1562.36
Additional O&M expenses due to Goods and Service Tax (GST)	573.75	601.11	629.79	659.83	691.30	724.28
Additional O&M Expenses due to pay revision of KV Staff	6.95	7.28	7.63	8.00	8.38	8.78
Total O&M Expences		11770.85	12331.98	12919.86	13535.75	14181.02
Security Expences (estimated)*	3313.73	3471.80	3637.40	3810.91	3992.69	4183.14

For Arora Vohra & Co.
Chartered Accountants

For NHPC Limited

(M G Gokhale)
General Manager (Comml.)

Details of Statutory Charges (If applicable)**Name of the Petitioner: NHPC Limited****Name of the Generating Stations: Uri-I Power Station**

Particulars	Unit Rate	No of Units	Amount Claimed
1	2	3	4
Electricity Duty	Not Applicable		
Water Cess	As per Jammu & Kashmir State Water Resources Regulatory Authority order no. 39/JKSWRRA of 2019 dated 02.04.2019, the water cess is levied to the projects located in J&K. The same is recovered from the beneficiaries in line with Regulation 44(10) of CERC Tariff Regulations, 2019. The details of the same will be submitted at the time of truing up of tariff.		

For Arora Vohra & Co.
Chartered Accountants



For NHPC Limited


(M G Gokhale)
General Manager (Comml.)

Summary of issue involved in the petition						
1	Petitioner: NHPC Limited					
2	Subject: Petition under 79(1) & 86 of the CERC (Conduct of Business), Regulations, 1999, Section 62(1)(a) of the Electricity Act, 2003 and Regulation 9(2), 10(1), 12, 25, 26 & 35 (2) of CERC (Terms and Conditions of Tariff) Regulations, 2019 for determination of tariff for the period 2019-24 in respect of Uri-I Power Station .					
3	Prayer: 1. Tariff of Uri-I Power Station for the period 01.04.2019 to 31.03.2024 may be determined under Section 62(1) (a) of the Electricity Act, 2003 read with regulation-9(2) of the Central Electricity Regulatory Commission (Terms & Conditions of Tariff) Regulations, 2019 issued on 07.03.2019. 2. Allow the net additional capitalization for the period 2019-24 as claimed in para-5 (Part-B). 3. Allow the additional capitalization (spill over of items from 2014-19 period) during 2019-24 tariff period as claimed in para-6 (Part-B). 4. To allow the impact of wage revision and GST as additional O&M expenses as mentioned in para-8 (d) (Part-B). 5. To allow the estimated security expenses separately to be recovered from beneficiaries during 2019-24 as mentioned in para-8(d) (Part-B). 6. The Annual Fixed Charges (AFC) of Uri-I Power Station for the period 2019-24 has been worked out as ₹36775.95 lakh, ₹37450.87 lakh, ₹38158.92 lakh, ₹38861.43 lakh & ₹ 39589.33 lakh for the FY 2019-20, 2020-21, 2021-22, 2022-23, & 2023-24 respectively, as mentioned in para-9 (Part-B) above. The difference between calculated AFC and that allowed by CERC vide order dated 13.07.2016 (for the period 2018-19) may be allowed to be recovered / refunded from / to the respondents in the manner specified in Regulation 10(7) of CERC (Terms & Conditions of Tariff) Regulations, 2019 and its subsequent amendments. 7. Allow additional capital expenditure on account of acquiring the minor items or the assets including tools and tackles at the time of truing up of tariff as mentioned in para-10 (Part-B). 8. Allow reimbursement of filing fee of this petition as mentioned in para-11 (Part-B). 9. Allow reimbursement of expenses incurred on publication of notices in the application of tariff for the period 2019-24 as mentioned in para-12 (Part-B). 10. NHPC may be allowed to bill the Respondents for levies, taxes, duties, cess, charges, fee etc. if any, as mentioned in para-13 to 15 (Part-B) above. 11. Pass such other and further order / orders as are deemed fit and proper in the facts and circumstances of the case.					
4	Respondents Name of Respondents:					
		1	Punjab State Power Corporation Ltd			
		2	Haryana Power Purchase Centre			
		3	BSES Rajdhani Power Ltd.			
		4	BSES Yamuna Power Ltd			
		5	Tata Power Delhi Distribution Ltd.			
		6	Uttar Pradesh Power Corporation Ltd			
		7	Ajmer Vidyut Vitaran Nigam Limited			
		8	Jaipur Vidyut Vitaran Nigam Limited			
		9	Jodhpur Vidyut Vitaran Nigam Limited			
		10	Uttaranchal Power Corporation Ltd			
		11	UT Chandigarh			
		12	Power Development Department- Jammu & Kashmir			
		13	Himachal Pradesh State Electricity Board			
5	Project Scope	IC	480 MW			
		DE	2587.38 MU			
		FEHS	12%			
		AUX	1.20%			
		NAPAF	74%			
	Cost	Sanction Cost				
		Latest RCE				
	Commissioning	Unit/Station COD	01.06.1997			
Claim						
		2019-20	2020-21	2021-22	2022-23	2023-24
	AFC (Rs in lakh)	15,182.10	15,829.67	16,553.15	17,226.94	17,926.93
	Capital cost (Rs in lakh)	42,133.04	42,893.25	43,074.23	43,174.23	43,333.33
	Initial Spare	-	-	-	-	-
	NAPAF	74%				
	Design Energy	2587.38 MU				
	Any Specific					

For NHPC Limited


 (M G Gokhale)
 General Manager (Comm.)

ANNEX-III

**CENTRAL ELECTRICITY REGULATORY COMMISSION
NEW DELHI**

Petition No. 238/GT/2014

Coram:

Shri Gireesh B. Pradhan, Chairperson

Shri A.K.Singhal, Member

Shri A. S. Bakshi, Member

Dr. M. K. Iyer, Member

Date of Hearing: 05.01.2016

Date of Order: 13.07.2016

In the matter of

Revision of tariff after truing-up of the capital expenditure for the period 2009-14 and determination of tariff for Uri-I HEP for the period 2014-19.

AND

In the matter of

NHPC Ltd,
NHPC Office Complex, Sector 33,
Faridabad – 121003

...Petitioner

Vs

1. Punjab State Power Corporation Ltd
The Mall, Near Kali Badi Mandir,
Patiala – 147 001

2. Haryana Power Utilities,
Shakti Bhawan, Sector, 6
Panchkula – 134 109

3. BSES Rajdhani Power Ltd
BSES Bhawan, Nehru Place,
New Delhi – 110 019

4. Uttar Pradesh Power Corporation Ltd
Shakti Bhawan, 14, Ashok Marg,
Lucknow – 226 001

5. BSES Yamuna Power Ltd
Shakti Kiran Building,
Karkardooma, New Delhi – 110 072

6. Rajasthan Rajya Vidyut Prasaran Nigam Ltd
Vidyut Bhawan, Janpath, Jyoti Nagar,
Jaipur – 302 005

7. Tata Power Delhi Distribution Ltd
33 KV Sub-station,
Hudson Lane, Kingsway Camp
Delhi – 110 009

8. Jaipur Vidyut Vitran Nigam Ltd
Vidyut Bhawan, Janpath,
Jaipur – 302 205

9. Jodhpur Vidyut Vitran Nigam Ltd
New Power House, Industrial Area,
Jodhpur – 342 003

10. Uttranchal Power Corporation Ltd
Urja Bhawan, Kanwali Road,
Dehradun – 248 001

11. Ajmer Vidyut Vitran Nigam Ltd
Old Power House,
Hatthi Bhatta, Jaipur Road,
Ajmer – 305 001

12. Himachal Pradesh State Electricity Board,
Vidyut Bhawan, Kumar House,
Shimla-171004

13. Engineering Department, 1 st Floor,
UT Secretariat, Sector 9D,
Chandigarh – 160 009

14. Principal Secretary,
Power Development Department, New Secretariat
Jammu – 180001

... Respondents

Parties Present

Shri. A.K. Pandey, NHPC
Shri. Piyush Kumar, NHPC
Shri. Naresh Bansal, NHPC
Shri. Jitendra Kumar Jha, NHPC
Shri. R.B. Sharma, Advocate, BRPL
Shri. S.K Agarwal, Advocate, Rajasthan Discoms
Shri. G.L Verma, Advocate, Rajasthan Discoms
Ms. Neelam, Advocate, Rajasthan Discoms

ORDER

The petition has been filed by NHPC Ltd, a generating company owned and controlled by the Central Government, for revision of tariff in respect of Uri-I Hydroelectric Project (4 x 120 MW) ('the generating station'), for the period 2009-14 after truing-up exercise in terms of Regulation 6(1) of the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2009 ("the 2009 Tariff Regulations") and for determination of tariff for the period 2014-19 in terms of Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2014 ("the 2014 Tariff Regulations").



2. The generating station with a capacity of 480 MW is located in the State of Himachal Pradesh and was declared under commercial operation on 01.06.1997. The annual fixed charges of the generating station were approved by Commission's order dated 25.6.2009 in Petition No.24/2009 based on the capital cost of ₹342164.47 lakh as on 31.3.2006 (including additional capital expenditure for the period from 1.4.2004 to 31.3.2006). Subsequently, by order dated 5.1.2010 in Petition No. 197/2009, the annual fixed charges of the generating station were revised after considering the impact of additional capital expenditure for the years 2006-07 to 2008-09, as under:

	(₹ in lakh)				
	2004-05	2005-06	2006-07	2007-08	2008-09
Depreciation	8726.43	8727.21	8727.19	8728.14	5127.13
Interest on Loan	3808.20	3022.81	1484.31	99.70	0.00
Return on Equity	15218.10	15219.38	15219.35	15220.92	15223.39
Advance against Depreciation	10562.12	5856.12	14617.97	0.00	0.00
Interest on Working Capital	1267.47	1205.48	1366.36	1125.61	1100.80
O & M Expenses	5109.00	5313.00	5526.00	5747.00	5977.00
Total	44691.32	39344.00	46941.19	30921.38	27428.33

3. Though the annual fixed charges of the generating station for the period 2004-09 were revised by the Commission through various tariff orders, as stated above, it is observed that the issue of (i) Consideration of depreciation as deemed normative repayment and (ii) Correct computation of cost of maintenance spares in working capital was not considered in terms of the observations of the Tribunal in judgment dated 23.12.2009 in Appeal No. 60/2008. The relevant portion of the said judgment is extracted as under:

"36. We are unable to agree with the view of the Commission that when depreciation exceeds the actual repayment the difference between depreciation and repayment amount be taken as normative repayment of loan as regulations only state that whenever the repayment amount exceeds the depreciation recovered, excess amount is to be allowed as Advance against Depreciation. In our earlier judgment cited above this Tribunal has ruled that depreciation is an expense and not an item allowed for repayment of loan. In our view the Commission, in the absence of any Regulation to this effect, has erred in coming to the conclusion that when depreciation recovered in an year is more than the amount of repayment during that year, the entire amount of depreciation is to be considered as repayment of loan for tariff computation."

4. It is observed that against the judgment of the Tribunal dated 23.12.2009 in Appeal Nos. 138/2006, 274/2006 and 60/2008, this Commission has filed Civil Appeals before the Hon'ble Supreme Court on the issue of 'Consideration of depreciation as deemed normative repayment' and the same is pending. Pending final decision of the Hon'ble Court in these appeals, the annual



fixed charges for the period 2004-09 in respect of this generating station is revised considering the same in terms of the observations of the Tribunal.

5. It is also observed that the computation of maintenance spares in working capital was inadvertently not considered in terms of the observations of the Tribunal in the said tariff orders, perhaps due to oversight. The relevant portion of the judgment of the Tribunal dated 28.08.2009 in appeal no.131 of 2006, held as under:

"17. The Commission in its written submission has submitted that as regards consumption of stores and spares, the Commission has allowed ₹20.45 lakh as against the claim of the appellant for ₹56.46 lakh during the year 2002-03. The appellant is aggrieved by disallowance of ₹36.01 lakh. The Commission has submitted that the amount of ₹36.01 lakh under the head "Consumption of Stores and Spares" was considered and decided to be allowed by the Commission. However, the amount was left out inadvertently while passing the order dated February 05, 2007 in Review Petition No. 47/2006 and that the Commission will take necessary action to rectify the arithmetical mistake in the order subject to the final decision of the Tribunal in this appeal.

18. The Commission has further submitted that as regards the administrative expenses, the appellant is aggrieved on account of disallowance of expenses towards compensation for land acquisition amounting to ₹3.45 lakh in terms of the Award passed by the Learned District Judge. It is submitted by the Commission that while considering the Review Petition No. 47/2006, the Commission had decided to allow the administrative expenses for payment for compensation of Land under the head "O&M expenses". However, the same was inadvertently left out while passing the order dated February 05, 2007 in the said Review Petition. The Commission will take necessary action to rectify the arithmetical mistake in the order subject to the final decision of the Tribunal in this appeal."

6. In line with the observations of the Tribunal, the error is rectified by considering the escalation @ 6% per annum for the period 2004-09. Consequent upon the above, the other components of tariff will also undergo revision and accordingly the Annual Fixed Charges for the period 2004-09 in respect of this generating station have been revised as stated in the subsequent paragraphs.

7. Consequent upon this the annual fixed charges for the period 2004-09 in respect of this generating station stand revised as under:

	2004-05	2005-06	2006-07	2007-08	2008-09
Depreciation	8726.43	8727.21	8727.19	8728.14	8729.64
Interest on Loan	3828.22	3083.65	1529.10	179.87	129.21
Return on Equity	15218.10	15219.38	15219.35	15220.92	15223.39
Advance against Depreciation	9926.83	5375.07	14617.97	0.00	0.00
Interest on Working Capital	1256.99	1198.41	1367.37	1127.25	1165.91
O & M Expenses	5117.24	5321.93	5534.81	5756.20	5986.45
Total	44073.80	38925.65	46995.80	31012.39	31234.60

Revision of Annual Fixed Charges for 2009-14

8. The tariff of the generating station for the period from 1.4.2009 to 31.3.2014 was approved by the Commission vide order dated 16.6.2011 in Petition No. 74/2010 which was revised vide order dated 18.9.2012 in Review Petition No. 20/2011. Subsequently, by order dated 18.2.2014 in Petition No.142/GT/2013, the annual fixed charges of the generating station for the period 2009-14 was revised after truing-up exercise based on the actual additional capital expenditure incurred during the period 2009-12 and revised projections for additional capital expenditure for the period 2012-14. The annual fixed charges allowed for the period 2009-14 by the said order dated 18.2.2014 is as under:

	(₹ in lakh)				
	2009-10	2010-11	2011-12	2012-13	2013-14
Return on Equity	25541.16	25223.88	24906.58	18981.28	18985.94
Interest on Loan	0.00	0.00	0.00	0.00	0.00
Depreciation	17692.57	4772.16	4782.51	4787.11	4791.29
Interest on Working Capital	1266.44	1011.44	1027.13	927.09	951.97
O & M Expenses	7304.01	7721.80	8163.49	8630.44	9124.10
Annual Fixed Charges	51804.18	38729.28	38879.72	33325.92	33853.30

9. Clause (1) of Regulation 6 of the 2009 Tariff Regulations provides as under:

"6. Truing up of Capital Expenditure and Tariff (1) The Commission shall carry out truing up exercise along with the tariff petition filed for the next tariff period, with respect to the capital expenditure including additional capital expenditure incurred up to 31.3.2014, as admitted by the Commission after prudence check at the time of truing up.

Provided that the generating company or the transmission licensee, as the case may be, may in its discretion make an application before the Commission one more time prior to 2013-14 for revision of tariff."

10. The petitioner in this petition has claimed revision of tariff for the period 2009-14 based on the actual additional capital expenditure incurred during the years 2012-13 and 2013-14 after truing up in accordance with the 2009 Tariff Regulations and for determination of annual fixed charges for the period 2014-19 in terms of the provisions of the 2014 Tariff Regulations. The annual fixed charges claimed by the petitioner for the period 2012-14 are as under:

	(₹ in lakh)	
	2012-13	2013-14
Return on Equity	21038.26	21296.93
Interest on Loan	0.00	0.00
Depreciation	4785.77	4790.61
Interest on Working Capital	969.94	1000.12
O & M Expenses	8630.44	9124.10
Annual Fixed Charges	35424.41	36211.76

11. The respondents UPPCL, BRPL and Rajasthan discoms have filed replies in the matter and the petitioner has filed its rejoinder to the said replies. Accordingly, based on the submissions of the parties and the documents available on record, we proceed to revise the tariff for the period 2012-14 based on true-up exercise and also for determination of tariff for the period 2014-19 in respect of the generating station as stated in the subsequent paragraphs

Capital cost

12. Regulation 7 (1) (a) of the 2009 Tariff Regulations provides as under:

"7. Capital Cost. (1) Capital cost for a project shall include: (a) the expenditure incurred or projected to be incurred, including interest during construction and financing charges, any gain or loss on account of foreign exchange risk variation during construction on the loan - (i) being equal to 70% of the funds deployed, in the event of the actual equity in excess of 30% of the funds deployed, by treating the excess equity as normative loan, or (ii) being equal to the actual amount of loan in the event of the actual equity less than 30% of the funds deployed, up to the date of commercial operation of the project, as admitted by the Commission, after prudence check;"

13. The Commission in order dated 18.2.2014 in Petition No. 142/GT/2013 had considered the closing capital cost of ₹341654.15 lakh as on 31.3.2012. Accordingly, this capital cost of ₹341654.15 lakh has been considered as the opening capital cost as on 1.4.2012 for revision of tariff for 2012-14.

Actual Additional Capital Expenditure

14. Regulation 9 of the 2009 Tariff Regulations, as amended on 21.6.2011, provides as under:

"9. Additional Capitalisation. (1) The capital expenditure 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) Un-discharged liabilities;

(ii) Works deferred for execution;

(iii) Procurement of initial capital spares within the original scope of work, subject to the provisions of regulation 8;

(iv) Liabilities to meet award of arbitration or for compliance of the order or decree of a court; and

(v) Change in law: Provided that the details of works included in the original scope of work along with estimates of expenditure, un-discharged liabilities and the works deferred for execution shall be submitted along with the application for determination of tariff.

(2) The capital expenditure incurred or projected to be incurred on the following counts after the cut-off date may, in its discretion, 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;
 - (ii) Change in law;
 - (iii) Deferred works relating to ash pond or ash handling system in the original scope of work;
 - (iv) 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) including due to geological reasons after adjusting for proceeds from any insurance scheme, and expenditure incurred due to any additional work which has become necessary for successful and efficient plant operation; and
 - (v) 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 of switchyard equipment due to increase of fault level, emergency restoration system, insulators cleaning infrastructure, replacement of damaged equipment not covered by insurance and any other expenditure which has become necessary for successful and efficient operation of transmission system:
- Provided that in respect sub-clauses (iv) and (v) above, any expenditure on acquiring the minor items or the assets like tools and tackles, furniture, air-conditioners, voltage stabilizers, refrigerators, coolers, 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. 1.4.2009.*
- (vi) In case of gas/liquid fuel based open/ combined cycle thermal generating stations, any expenditure which has become necessary on renovation of gas turbines after 15 year of operation from its COD and the expenditure necessary due to obsolescence or non-availability of spares for successful and efficient operation of the stations. Provided that any expenditure included in the R&M on consumables and cost of components and spares which is generally covered in the O&M expenses during the major overhaul of gas turbine shall be suitably deducted after due prudence from the R&M expenditure to be allowed.
 - (vii) Any capital expenditure found justified after prudence check necessitated on account of modifications required or done in fuel receipt system arising due to non-materialization of full coal linkage in respect of thermal generating station as result of circumstances not within the control of the generating station.
 - (viii) Any un-discharged liability towards final payment/withheld payment due to contractual exigencies for works executed within the cut-off date, after prudence check of the details of such deferred liability, total estimated cost of package, reason for such withholding of payment and release of such payments etc.
 - (ix) Expenditure on account of creation of infrastructure for supply of reliable power to rural households within a radius of five kilometres of the power station if, the generating company does not intend to meet such expenditure as part of its Corporate Social Responsibility."

15. The actual additional capital expenditure claimed by the petitioner as against the projected additional capital expenditure allowed for the period 2012-14 in order dated 16.6.2011 in Petition No. 74/2010 is as under:

	(₹ in lakh)	
	2012-13	2013-14
Projected additional capital expenditure allowed	150.00	27.50
Actual additional capital expenditure claimed	90.44	103.28

16. The re-conciliation of actual additional capital expenditure claimed in this petition with respect to additional capital expenditure as per books of accounts duly certified by auditor for the period 2012-13 and 2013-14 is as under:

		(₹ in lakh)	
S. No.		2012-13	2013-14
1	Additional Capitalization (Claimed for the purpose of tariff)		
(a)	Additions		
i	Capitalization against works allowed	14.39	2.08
ii	Capitalization against works allowed during previous years	35.94	50.37
iii	Additional Capital Expenditure not projected but likely to be claimed.	52.48	43.14
	Total (a)	102.81	95.59
(b)	Deletion / Deduction		
i	Assets deducted on replacement for new assets covered under category A	(-) 7.23	(-) 4.06
ii	Deduction of assets without any replacement and not covered under exclusion clause	(-) 1.64	0.00
	Total (b)	(-) 8.87	(-) 4.06
(c)	Net Addition to be claimed (c) = (a) + (b)	93.94	91.53
2	Additional Capitalization (Not claimed for purpose of tariff)		
(d)	Addition		
i	Addition covered under exclusion clause on a/c of new purchase assets, capital spares, reclassification of assets HOA etc.	1202.12	216.51
	Total (d)	1202.12	216.51
(e)	Deletion		
i	Deletion covered under exclusion clause on a/c of inter unit, FERV and otherwise.	(-) 27.23	(-) 230.93
ii	Deletion on account of diminishes in the value of assets in terms of AS-10.	(-) 0.06	0.00
	Total (e)	(-) 27.28	(-) 230.93
(f)	Net Addition under Exclusion Category (d + e)	1174.83	(-) 14.42
(g)	Net Additional Capitalization (including IUT) as per books of accounts (g = c + f)	1268.77	77.11
3	Net Additional Capitalization to be claimed for tariff		
	Net additional capital expenditure as (c) above	93.94	91.53
(h)	Less : Un-discharged liability in additional capital expenditure	3.91	10.78
(i)	Add: Liability discharged during the year for the add cap 2009-14	0.41	22.53
(j)	Net amount of additional capital expenditure claimed (c- h + i)	90.44	103.28

17. Based on the above reconciliation, the year-wise admissibility of the additional capital expenditure under various heads is discussed in the subsequent paragraphs.

Additions against works already approved

2012-13

(₹ in lakh)				
Sl. No	Assets/works	Amount allowed on projected basis	Amount claimed on actual basis	Remarks for admissibility
1	Safety of offices and residential colony works including: Electric operated 3 phase siren, range 11 Km, Motorised Siren, SM OFC Transmitter, SM OFC Receiver, Video Amplifier, 16 Channel Digital Video Recorder, Vandal Proof/Scan Dome Color Day/ Night PTZ Camera, Ultra Low Light 0.001 LUX Color Camera, Joystick for control of PTZ Camera, 21' Color Monitor, etc.	5.00	14.39	The petitioner has submitted that amount allowed by the Commission was on estimated basis, whereas the actual expenditure is more because rates were quoted by the bidders through an open tender. However, since the expenditure is for safety and security of offices and residential colony which will facilitate successful and efficient operation of the generating station, the same has been allowed under Regulation 9(2)(iv) of the 2009 Tariff Regulations.
	Total claimed		14.39	
	Total allowed			14.39

2013-14

(₹ in lakh)				
Sl. No	Assets/works	Amount allowed on projected basis	Amount Claimed on actual basis	Remarks for admissibility
1	Pumps: Mono block Pump 10 HP, Mono block Pump set 7.5HP and Submersible Pump set 01 HP	10.00	1.00	The petitioner has submitted that the gravity drain provided in turbine pit is not sufficient to cater water leakage during monsoon from Shaft seal and Scour pipes. So, portable drainage pumps are installed in pit to avoid flooding in turbine pits. Since the assets are considered necessary for successful and efficient operation of the plant, the same has been allowed under Regulation 9(2)(iv) of the 2009 Tariff Regulations.

2	Fire Extinguisher/safety items: DCP Type Fire Extinguishers, 20 Feet Aluminium Ladder, Aluminium Ladder (Extendible Type-- Extendible up to 40 feet) and Wall Supporting Aluminium Ladder.	5.00	1.08	The petitioner has submitted that the fire safety equipments have been purchased to protect the power station infrastructure and equipments. Since the assets are considered necessary for the safety of the plant, which will facilitate successful and efficient operation as well, the same has been allowed under Regulation 9(2)(iv) of the 2009 Tariff Regulations.
	Total claimed		2.08	
	Total allowed			2.08

Works allowed in previous years but capitalized in 2012-13 and 2013-14

18. The details of works/assets, the additional capital expenditure allowed for these works / actual additional capital expenditure against these works along with reasons for admissibility of the actual additional capital expenditure in terms of 2009 Tariff Regulations are as under:

2012-13

(₹ in lakh)				
Sl. No	Assets/works	Amount allowed on projected basis	Amount Claimed on actual basis	Remarks for admissibility of expenditure
1	Digital Clamp Meter Model FLUKE 381	30.00	0.64	The expenditure towards procurement of these assets is in the nature of Tools & Tackles/ minor assets, hence the same is not allowed .
2	Digital Clamp Meter Make-MOTWANE 9930		0.28	
3	Digital Multi meter FLUKE Make Model NO.289		1.41	
4	Digital Multi meter-Make-MOTWANE 4750D		0.62	
5	Optical Time Domain Reflectometer		3.54	
6	Optical Power Meter		0.35	
7	Fibre Optic Tool Kit		0.36	
8	HVAC Combo Kit- FLUKE Make Model 116/322		0.18	
9	Loop Calibrator, FLUKE 707		0.43	
10	Microprocessor Based Relay Test Kit with Display Machine		23.06	
11	Interactive Board Dimension 77" Diagonal, Drawing Function , Recording Function		1.00	
12	Optical Fibre Splicing Machine, Power Supply 100-240 V AC AND/OR 12-24 V	0.00	4.06	The petitioner has submitted that the asset is considered necessary for successful and

	DC			efficient operation of the generating station, therefore same may be allowed under Regulation 9(2)(iv) of the 2009 Tariff Regulations. Unlike assets at Sl. no. 1 to 11 above, this asset is allowed to be capitalized under Regulation 9(2)(iv) of the 2009 Tariff Regulations since the benefit of acquiring this asset will be derived by the petitioner company over a longer period of time.
	Total claimed		35.94	
	Total allowed			4.06

2013-14

(₹ in lakh)

Sl. No	Assets/works	Amount allowed on projected basis	Amount Claimed on actual basis	Remarks for admissibility of expenditure
1	Multifunctional Primary Injection Test kit with Display Machine		28.36	The expenditure towards procurement of these assets is in the nature of 'Tools & Tackles'/minor assets, hence not allowed for capitalisation.
2	Telescopic Gauge , 8-150 MM, P.No.155-905		0.19	
3	Common Meter Reading Instrument (CMRI) complete with software, comm. Cable to pc and charger etc.		0.66	
4	Electronic Balance , 50 Kg Capacity		0.23	
5	AVAYA IP500 Phone 30 Extension Module		1.44	Since the asset is in the nature of minor asset, hence the expenditure towards procurement of the same, is not allowed for capitalisation.
6	Ethernet Switch RS-4TX/1FX-SM		1.51	The expenditure towards procurement of this asset is in the nature of spares, hence the same is not allowed for capitalisation.
7	Ethernet Switch RS 20-1600S2M2SDAE		1.61	
8	8 Port GIGABIT Switch 10/100 /1000 MBPS		0.07	Since the assets are in the nature of minor asset, hence the expenditure towards procurement of the same is not allowed for capitalisation.
9	802.11N Indoor Wireless Access Point +POE		0.25	
10	Chain link fencing along bank of river Jhelum at power house, Rajarwani.	17.00	16.06	The petitioner has submitted that the actual expenditure incurred against ₹5.00 lakh each was approved by Commission in 2010-11 & 2011-12 & 2012-13 and ₹2.00 lakh in 2009-10 and ₹2.90 lakh

			<p>was utilised in 2010-11. To protect infiltration of outsiders inside power house premises and considering security measures, Chain link fencing along bank of river Jhelum has been done.</p> <p>Since the asset/work is considered necessary for the safety of the plant, which will facilitate successful and efficient operation of the plant, is allowed under Regulation 9(2)(iv) of 2009 Tariff Regulations.</p>
	Total claimed	50.38	
	Total allowed		16.06

Capital expenditure not projected/allowed by the Commission, but incurred and claimed

19. The details of the actual additional capital expenditure incurred against new works/ assets along with admissibility of the actual additional capital expenditure in terms of 2009 Tariff Regulations is as under:

2012-13

(₹ in lakh)				
Sl. No	Assets/works	Actual expenditure incurred/ claimed	Justification submitted by the petitioner	Remarks for admissibility of expenditure
1	Construction of parking shed, rain shelter/Bus waiting stand at different locations of UPS.	6.09	The petitioner has submitted that shelter/parking sheds for the office staff, school children and inhabitants of the colony are necessary for protection from rain, snow and sun.	Since the expenditure is for the benefit of the employees working in remote areas of the project which in turn facilitates the successful and efficient operation of the generating station the same is allowed under Regulation 9(2)(iv) of the 2009 Tariff Regulations.
2	Multistage Pump (Head=100 Mtr, Discharge =10KL/HR, RPM-1450), KIRLOSKAR, CF-446	1.47	The petitioner has submitted that these assets have been claimed under replacement.	These assets have been claimed under replacement. Considering the fact that these pumps are required for successful and efficient operation of the plant, the same is allowed under regulation 9(2)(iv) of the 2009 Tariff Regulations. The de-capitalization value of old assets is considered under 'deletions'.
3	Submersible Pump 5 HP (ISI Mark) Head 110 TO 141 Mtr. Discharge 120 TO 65 Ltr. per minute.	1.29		



4	Portable Welding Set (MMA/TIG), IN.-230V, Single Phase, 50 HZ, CUR. RANGE MMA/TIG-5-160A/5-200A- ,INS.-F	0.52	The petitioner has submitted that the asset is procured against replacement of old welding machine.	Considering the fact that the asset is procured against replacement of old welding machine the same is allowed under Regulation 9(2) (iv) of the 2009 Tariff Regulations. De-capitalization value of the old asset has been considered in deletions.
5	ELGI Reciprocating Air Compressor TS 03 120HN-160 LTR.	0.78	The petitioner has submitted that procurement of this asset is required to maintain the air pressure in the tyre of vehicles at power station.	Since the assets will facilitate successful and efficient operation of the generating station, the same is allowed under Regulation 9(2)(iv) of the 2009 Tariff Regulations.
6	Maruti Gypsy King Hard Top - MG 413 (6 nos.)	35.65	The petitioner has submitted that the new vehicles were purchased on replacement.	Since the asset is considered necessary for successful and efficient operation of the plant, the same is allowed under Regulation 9(2)(iv) of the 2009 Tariff Regulations. De-capitalization value of the old assets is considered under regular "Deletions".
7	Defibrillator Monitor, BPL& RELIFE700	4.98	The petitioner has submitted that the item is a life saving machine and a necessity for the project hospital.	Since the expenditure is for the benefit of the employees working in remote areas of the project which in turn facilitates the successful and efficient operation of the generating station, the same is allowed under Regulation 9(2)(iv)
8	Photocopier Machine XEROX, WC-5325 (4 nos.)	6.43	The petitioner has submitted that these assets have been claimed under replacement.	Since the asset is minor in nature, the same is not allowed .
9	Supply of material erection, testing & commissioning of 33KV transmission line.	(-) 4.74	The petitioner has submitted that an amount of ₹22.53 lakh was allowed by the Commission during 2010-11 vide order dated 18.2.2014 in Petition No. 142/GT/2013. As actual payment of this amount was not made, the same was kept under undischarged liability during 2010-11. Now the	Excess capitalization of ₹4.74 (22.53-17.79) lakh is de-capitalized in books of account. As this de-capitalization of ₹4.74 lakh have no impact on tariff, the same is allowed under Regulation 9(2)(i) of the 2009 Tariff Regulations.

			petitioner has submitted that as per direction of Hon'ble Delhi High Court, arbitration amount of ₹17.79 lakh was awarded. Accordingly, the same was made through undischarged liability.	
	Total claimed	52.47		
	Total allowed			46.04

2013-14

(₹ in lakh)

Sl. No	Assets/works	Actual expenditure incurred/ claimed	Justification submitted by the petitioner	Remarks for admissibility of expenditure
1	3-Phase Float cum Boost Charger 660 AH for 220V DC	4.40	The petitioner has submitted that the said equipment was found faulty and beyond economical repair. That is why the faulty chargers have been replaced with new one.	Since the asset is considered necessary for successful and efficient operation of the plant, the same is allowed under Regulation 9(2)(iv) of the 2009 Tariff Regulations. De-capitalization value of the old asset is considered under "Assumed Deletions".
2	48 V FCBC Battery Charger	3.09		
3	BPL CARDIART ECG Machine, MODEL 9108	1.37	The petitioner has submitted that these assets have been claimed under replacement.	Since the asset is considered beneficial for the employees working in remote areas of the project which, in turn, will facilitate the successful and efficient operation of the generating station, the same is allowed under Regulation 9(2)(iv) of the 2009 Tariff Regulations. The de-capitalization value of the old asset is considered under Deletions.
4	Photocopier Machine XEROX, WC-5325	3.47	The petitioner has submitted that these assets have been claimed under replacement for up-gradation of computer, printers and scanners.	The assets being minor in nature, the capitalization of same is not allowed after the cut-off date in terms of proviso to the Regulation 9(2)(iv) of the 2009 Tariff Regulations.
5	Desktop Computer - HP Compaq 8200 Elite Convertible Minitower	9.56		
6	A-4 Network Colour Laser Printer, HP CP/CL 1525N	0.83		
7	HP Laser Jet Printer 1020+	0.08		
8	HP Laser Jet - P-1108 Printer	0.50		
9	Cannon 110 Scanner	0.21		



10	MS Office -Office Std 2013 SNGL OLP NL, PART NO. 021-10257	9.44		
11	Suit for compensation of land situated in survey no. 298 & 261 Measuring 12K AT Boniyar	10.20	The petitioner has submitted that though the issue was being shown as part of the contingent liability, but the statutory auditor wanted the petitioner to make provision in the book of accounts. Accordingly, provision was made through closing entry for the year 2013-14. However, since the case is pending before the District Court, Baramulla, the amount has been shown under un-discharged liabilities.	Since, the amount is allowed as additional capital expenditure, but since the petitioner has kept the amount of ₹10.20 lakh as un-discharged liability to be deducted for the purpose of tariff during the year 2013-14, there will be no impact on the tariff.
	Total claimed	43.15		
	Total allowed			19.06

Deletions

20. The following year-wise expenditure has been de-capitalized by the petitioner on account of deletion of assets with and without replacement. The details of deletions claimed are as follows:

	(₹ in lakh)	
	2012-13	2013-14
Assets deducted on replacement for new assets covered under category A	(-) 7.23	(-) 4.06
Deduction of assets without any replacement and not covered under exclusion	(-)1.64	0.00
Total	(-) 8.87	(-) 4.06

21. It is observed that the amount of ₹5.28 lakh has been de-capitalized against capitalization of photocopier machine (4nos.) in 2012-13. Since, the capitalization of new photocopier is not allowed during 2012-13, de-capitalization of the same has been excluded for the purpose of tariff. Similarly, in 2013-14 the petitioner has de-capitalized ₹2.54 lakh against photocopier machine. Since, the capitalization of new photocopier is not allowed in 2013-14, de-capitalization of the same has been excluded for the purpose of tariff.

22. In view of above, the following amounts have been deleted for the purpose of tariff:



	(₹ in lakh)	
	2012-13	2013-14
Assets deducted on replacement for new assets covered under category A	(-)1.95	(-)1.52
Deduction of assets without any replacement and not covered under exclusion	(-)1.64	0.00
Total	(-)3.59	(-)1.52

Exclusions in additions (incurred, capitalized in books but not to be claimed for tariff purpose)

23. The year-wise expenditure incurred by the petitioner on replacement of minor assets, purchase of capital spares, purchase of miscellaneous assets, additions on inter-unit transfers, minor assets, etc. is as under:

	(₹ in lakh)	
	2012-13	2013-14
Exclusions in additions (incurred, capitalized in books but not to be claimed for tariff purpose)	1202.12	216.51

24. The expenditure incurred towards procurement/replacement of minor assets and procurement of capital spares after the cut-off date is not permissible for the purpose of tariff in terms of the 2009 Tariff Regulations. Accordingly, the petitioner has considered these additions under exclusion category. As such, the exclusions of the positive entries under the head are in order and hence allowed.

Exclusions in deletions (de-capitalized in books but not to be considered for tariff purpose)

25. The petitioner has de-capitalized amounts in books of accounts pertaining to capital spares, minor assets such as computers, office equipment, furniture, fixed assets of minor value less than ₹5000, etc., as these are not in use on account of their becoming unserviceable/obsolete and also deletion on account of inter-unit transfer of minor assets, as under:

	(₹ in lakh)	
	2012-13	2013-14
Deletion covered under exclusion – minor assets	(-) 22.15	(-)13.40
Consumption of capital spares (deletion not claimed/under exclusion category)	(-) 5.07	(-) 217.53
Deletions on account of diminish in the value of assets in terms of AS-10.	(-) 0.06	0.00
Total	(-) 27.28	(-) 230.93

26. It is observed that in 2013-14, the petitioner has kept deletion of an amount of (-) ₹ 4.85 lakh {out of (-) ₹13.40 lakh} under exclusion category for de-capitalization of assets like Motor boat, DSL modem, VOIP gateway and numeric online ups. However, considering the fact that the capitalization of these assets is allowed by the Commission, the de-capitalization of (-) ₹4.85 lakh is not excluded/ignored for the purpose of tariff.

27. The diminish in value of assets awaiting disposal as per AS-10, would only affect the extent of profit/loss when these assets are sold. As such, the profit/loss on disposal of obsolete assets is to be borne by the petitioner. Accordingly, exclusion/ignoring of negative entries arising out of 'diminish in value of assets awaiting disposal' has been allowed for the purpose of tariff.

28. The petitioner has prayed that the negative entries may be ignored/ excluded for the purpose of tariff as the corresponding positive entries for purchase of such assets are not being allowed for the purpose of tariff in terms of the provisions of the 2009 Tariff Regulations. In support of this, the petitioner has referred to the observations of the Commission in order dated 7.9.2010 in Petition No.190/2009 as under:

"20. After careful consideration, we are of the view that the cost of minor assets originally included in the capital cost of the projects and replaced by new assets should not be reduced from the gross block, if the cost of the new assets is not considered on account of implication of the regulations. In other words, the value of the old assets would continue to form part of the gross block and at the same time the cost of new assets would not be taken into account. The generating station should not be debarred from servicing the capital originally deployed on account of procurement of minor assets, if the services of those assets are being rendered by similar assets which do not form part of the gross block."

29. The respondent, BRPL vide its reply dated 30.12.2015 has submitted that the minor assets/spares which are de-capitalized is required to be adjusted in the capital cost as per proviso under Regulation 7(1)(c) of the 2009 Tariff Regulations. It has also submitted that the petitioner has not deleted this de-capitalization from the capital cost (as in Annexure-II to Form-9) and hence not complied with the express provisions of the 2009 Tariff Regulations, but has only adjusted the additional capitalization not to be claimed (nature of minor assets) with the de-capitalization mentioned, thereby not giving full play to the said proviso. The respondent has pointed out that the order of the Commission dated 20.4.2011 in Petition No.183/2009 disallowing NTPC to retain the capital value of the assets like wagons which were earlier de-capitalized in the

books of accounts have been affirmed by the Tribunal vide its judgment dated 2.1.2013 in Appeal No. 84/2011 and is applicable in the instant case. Accordingly, the respondent has stated that the order dated 7.9.2010 followed by the petitioner is not applicable on this issue and the same may be rejected by the Commission.

30. We have examined the matter. It is noticed that the provisions of both the 2004 and the 2009 Tariff Regulations provide that the expenditure on minor items/assets, tools and tackles etc procured after the cut-off date shall not be considered for additional capitalization for determination of tariff. It is observed that the judgment of the Tribunal in NTPC case pertained to wagons which are capital assets and are permitted to be capitalized as per the regulations. In the judgment, the Tribunal had observed that since the wagons had been de-capitalized, the gross value of the de-capitalized wagons was to be deducted from the capital cost. Para 10 of the judgment is quoted as under:

"10. These Regulations would indicate that the capital cost of generating station is a cost which was incurred in commissioning the plant and any other additional expenditure made for efficient running of the plant. The tariff of the Generating Stations is determined on cost plus basis meaning thereby that any capital expenditure incurred which will enhance the efficiency of the plant will be capitalized and the tariff will be determined accordingly. Similarly, if any asset is taken out of service, then its gross value will be deducted from the capital cost of the plant. The Appellant has claimed to retain the de-capitalized amount in respect of wagons and capitalized spares during the period 2008-09. If the equipment is not rendering any service, the same cannot be retained in the capital cost for the purpose of tariff as no benefit out of the same is being given to the beneficiaries."

31. The present case is distinguishable from the facts of the case which was decided in the said appeal. The minor assets are not considered as capital assets and are not permitted to be capitalised after the cut-off date. In our view, since the cost of new assets would not be taken into account by implication of the regulations, the value of old assets should be permitted to continue to form part of the gross block. In other words, if the cost of the new assets is not considered on account of implication of the regulations, the cost of minor assets originally included in the capital cost of the projects and replaced by new assets should not be reduced from the gross block. The generating station should not be debarred from servicing the capital originally deployed on account of procurement of minor assets, if the services of these assets are being rendered by similar assets which do not form part of the gross block. In this background and in line with the

decision of the Commission in order dated 7.9.2010, the negative entries corresponding to the deletion of minor assets are allowed to be excluded/ ignored for the purpose of tariff.

32. The petitioner has excluded amounts of (-) ₹5.07 lakh and (-) ₹217.53 lakh during the year 2012-13 and 2013-14 respectively for de-capitalization of capital spares. As regards the prayer of the petitioner for exclusion of negative entries corresponding to de-capitalization of capital spares, it is observed that the expenditure on capital spares are not allowed to be capitalized after the cut-off date in terms of the 2009 Tariff Regulations. While the recovery of expenditure on capital spares is allowed through O&M expenses on consumption, the recovery of additional expenditure on minor assets beyond the cut-off date is neither allowed to be capitalized nor permissible under O&M expenses. Hence, the observations of the Commission in order dated 7.9.2010 cannot be made applicable in respect of de-capitalization of spares. Accordingly, the claim of the petitioner for exclusion of negative entries arising out of de-capitalization of capital spares is justifiable provided that the de-capitalized spares are the ones which were not considered in the capital base for the purpose of tariff in the year of capitalization. On verification of the details in the Petition filed by the petitioner for the period 2009-12 and this petition, it is observed that the capital spares de-capitalized in books during the period 2012-13 and 2013-14 are the ones which were not allowed in the capital cost for the purpose of tariff. In other words, positive entries arising out of their purchase were also excluded/ ignored for the purpose of tariff. In view of the above discussions, the amounts have been allowed to be excluded/ ignored for the purpose of tariff. The exclusion of negative entries arising due to inter unit transfer of minor assets are allowed as the capitalization of these minor assets are not allowed after the cut-off date. Accordingly, the following amounts have been excluded/ ignored for the purpose of tariff as under:

	(₹ in lakh)	
	2012-13	2013-14
Deletion covered under exclusion – minor assets	(-)22.15	(-)8.55
Consumption of capital spares (deletion not claimed/under exclusion category)	(-)5.07	(-)217.53
Deletions on account of diminish in the value of assets in terms of AS-10.	(-)0.06	0.00
Total	(-)27.28	(-)226.08



Assumed Deletions

33. As per consistent methodology adopted by the Commission, the expenditure on replacement of assets, if found justified is allowed for the purpose of tariff provided that the capitalization of the said asset is followed by the de-capitalization of the original value of the old asset. However, in certain cases where de-capitalization is proposed as deletion in the books of account subsequent to the year of capitalization of new asset, the de-capitalization of the old asset for the purpose of tariff is considered in the year in which the capitalization of the new asset is allowed. Such de-capitalization of old asset which is not considered in the books of account in the year of capitalization of new asset is termed as "Assumed deletion".

34. It has been observed that the petitioner has claimed an amount of ₹ 4.40 lakh and ₹ 3.09 lakh against capitalization of 3-Phase Float cum Boost Charger and 48 V FCBC Battery Charger respectively on replacement basis in 2013-14. The petitioner has not indicated the gross value of the old assets replaced. Therefore, the methodology of arriving at the fair value of the de-capitalized asset, i.e. escalation rate of 5% per annum from the COD has been considered in order to arrive at the gross value of old asset in comparison to the cost of new asset. Accordingly, the assumed deletions claimed and allowed for the purpose of tariff are detailed as under:

	(₹ in lakh)		
	Additional Capital Expenditure claimed	De-capitalization claimed	De-capitalization considered
3-Phase Float cum Boost Charger	4.40	0.00	(-)2.02
48 V FCBC Battery Charger	3.09	0.00	(-)1.42
	7.49	0.00	(-)3.43

Discharged & Un-discharged Liabilities

35. The petitioner has submitted the details of discharged and un-discharged liabilities in the actual additional capital expenditure during 2012-14 as under:

	(₹ in lakh)	
	2012-13	2013-14
Un-discharged liabilities in additional capitalization	3.91	10.78
Liability discharged for additional capitalization during 2009-14	0.41	22.53

36. The discharged and un-discharged liabilities as above have been considered for working out the admissible additional capital expenditure for the period 2012-14. Accordingly, the actual additional capital expenditure allowed for the period 2012-14 for the purpose of tariff is as under:

	(₹ in lakh)	
	2012-13	2013-14
Capitalization against works allowed during the year (a)	14.39	2.08
Capitalization against works allowed during previous years (b)	4.06	16.06
Additional Capital Expenditure not projected but claimed (c)	46.04	19.06
Total additions allowed (d)=(a)+(b)+(c)	64.49	37.20
Deletions considered under regular "Deletions" (e)	(-)3.59	(-)1.52
Exclusion of negative entries not allowed (f)	0.00	(-)4.85
Assumed deletions considered (g)	0.00	(-)3.43
Total deletions considered (h)=(e)+(f)+(g)	(-)3.59	(-)9.80
Total additional capital expenditure allowed before un-discharged/discharged liabilities (i)=(d)+(h)	60.90	27.40
Less : un-discharged liability in additional capital expenditure (j)	3.91	10.78
Add: Liability discharged during the year for the additional capital expenditure 2009-14 (k)	0.41	22.53
Additional Capital Expenditure allowed (l)= (i)-(j)+(k)	57.40	39.15

Capital cost for 2012-14

37. Accordingly, the capital cost considered for the purpose of the tariff is as under:

	(₹ in lakh)	
	2012-13	2013-14
Opening capital cost	341654.15	341711.55
Additional capital expenditure allowed	57.40	39.15
Closing capital cost	341711.55	341750.70

Return on Equity

38. In terms of Regulation 15 (3) of the 2009 Tariff Regulations, the Return on Equity is computed as under:

	(₹ in lakh)				
	2009-10	2010-11	2011-12	2012-13	2013-14
Gross Notional Equity	108741.67	108805.76	108547.83	108559.77	108576.99
Addition due to Additional Capitalization	64.09	(-) 257.93	11.95	17.22	11.75
Closing Equity	108805.76	108547.83	108559.77	108576.99	108588.74
Average Equity	108773.71	108676.79	108553.80	108568.38	108582.87
Return on Equity (Base Rate)	15.500%	15.500%	15.500%	15.500%	15.500%
Tax rate for the year	33.990%	33.218%	32.445%	20.008%	20.961%
Rate of Return on Equity	23.481%	23.210%	22.944%	19.377%	19.610%
Return on Equity	25541.16	25223.88	24906.58	21037.30	21293.10

Interest on Loan

39. In accordance with Regulation 16 of the 2009 Tariff Regulations, interest on loan has been worked out as under:

- (a) The weighted average rate of interest has been worked out on the basis of the actual loan portfolio of respective year applicable to the project.
- (b) The repayment for the year of the tariff period 2009-14 has been considered equal to the depreciation allowed for that year.
- (c) The interest on loan has been calculated on the normative average loan of the year by applying the weighted average rate of interest considering the time factor.

40. The necessary calculation for interest on loan is as under:

	(₹ in lakh)				
	2009-10	2010-11	2011-12	2012-13	2013-14
Gross normative loan	233518.80	233668.35	233066.51	233094.38	233134.56
Cumulative repayment up to previous year	229417.01	233668.35	233066.51	233094.38	233134.56
Net loan - Opening	4101.79	0.00	0.00	0.00	0.00
Repayment during the year	4251.34	-601.84	27.87	40.18	27.41
Addition due to additional capitalization	149.55	-601.84	27.87	40.18	27.41
Net loan - Closing	0.00	0.00	0.00	0.00	0.00
Average Loan	2050.89	0.00	0.00	0.00	0.00
Weighted Average Rate of Interest on Loan	2.5238%				
Interest	51.76	0.00	0.00	0.00	0.00

Depreciation

41. The date of commercial operation of the generating station is 1.6.1997. Since the generating station has completed 12 years of operation as on 1.6.2009, the weighted average rate of 5.1677% calculated as per the 2009 Tariff Regulations has been applied during 2009-10 and the remaining depreciable value has been spread over the balance useful life of the project from the year 2010-11. Accordingly, the depreciation has been computed as under:

	(₹ in lakh)				
	2009-10	2010-11	2011-12	2012-13	2013-14
Opening Gross Block	342260.46	342474.10	341614.33	341654.15	341711.55
Additional capital expenditure	213.64	(-)859.77	39.82	57.40	39.15
Closing gross block	342474.10	341614.33	341654.15	341711.55	341750.70
Average gross block	342367.28	342044.22	341634.24	341682.85	341731.13
Rate of Depreciation	5.1677%	-	-	-	-
Depreciable Value	308130.56	307839.80	307470.82	307514.57	307558.02
Balance Useful life of the asset	23.17	22.17	21.17	20.17	19.17
Remaining Depreciable Value	121264.02	103296.93	98862.77	94243.03	89615.56
Depreciation	17692.57	4660.01	4670.68	4673.21	4675.59



O & M Expenses

42. The O & M expenses allowed in order dated 18.2.2014 in Petition No. 142/GT/2013 has been considered as under:

(₹ in lakh)				
2009-10	2010-11	2011-12	2012-13	2013-14
7304.01	7721.80	8163.49	8630.44	9124.10

Interest on Working Capital

43. The petitioner is entitled to claim interest on working capital as per Regulation 18 of the 2009 Tariff Regulations. The components of the working capital and the petitioner's entitlement to interest thereon are discussed hereunder.

(i) Receivables

As per Regulation 18(1) (c) (i) of the 2009 Tariff Regulations, receivables as a component of working capital are equivalent to two months' of fixed cost. In the tariff being allowed, receivables have been worked out on the basis of "2 months" fixed cost.

(ii) Maintenance spares

Regulation 18 (1) (c) (ii) of the 2009 Tariff Regulations provides for maintenance spares @ 15% per annum of the O & M expenses as part of the working capital. The value of maintenance spares has accordingly been worked out.

(iii) O & M expenses

Regulation 18(1) (c) (iii) of the 2009 Tariff Regulations provides for operation and maintenance expenses for one month to be included in the working capital. The petitioner has claimed O&M expenses for 1 month of the respective year. This has been considered in the working capital.

(iv) Rate of interest on working capital

In accordance with clause (3) of Regulation 18 of the tariff regulations, as amended, rate of interest on working capital shall be on normative basis and shall be equal to the short-term Prime Lending Rate of State Bank of India as on 1.4.2009 or on 1st April of the year in which the generating station or a unit thereof is declared under commercial operation, whichever is later. Accordingly, SBI PLR of 12.25% as on 1.4.2009 has been considered in for working out Interest on Working Capital.

44. Accordingly, Interest on Working Capital has been calculated as under:

(₹ in lakh)					
	2009-10	2010-11	2011-12	2012-13	2013-14
Maintenance Spares	1095.60	1158.27	1224.52	1294.57	1368.62
O & M expenses	608.67	643.48	680.29	719.20	760.34
Receivables	8642.84	6435.80	6460.93	5884.75	6015.07
Total	10347.11	8237.55	8365.74	7898.52	8144.03
Interest on working capital @ 12.25%	1267.52	1009.10	1024.80	967.57	997.64

Annual Fixed charges

45. Accordingly, the annual fixed charges allowed for the generating station for the period 2009-14 are summarized as under:



	(₹ in lakh)				
	2009-10	2010-11	2011-12	2012-13	2013-14
Return on Equity	25541.16	25223.88	24906.58	21037.30	21293.10
Interest on Loan	51.76	0.00	0.00	0.00	0.00
Depreciation	17692.57	4660.01	4670.68	4673.21	4675.59
Interest on Working Capital	1267.52	1009.10	1024.80	967.57	997.64
O & M Expenses	7304.01	7721.80	8163.49	8630.44	9124.10
Total	51857.02	38614.80	38765.56	35308.51	36090.44

46. The difference between the annual fixed charges already recovered by the petitioner and the annual fixed charges determined by this order as above shall be adjusted in terms of Clause (6) of Regulation 6 of the 2009 Tariff Regulations.

Determination of Annual Fixed Charges for the period 2014-19

47. As stated, the petitioner in this petition has also prayed for the determination of annual fixed charges of the generating station for the period 2014-19 in accordance with the provisions of the 2014 Tariff Regulations. Accordingly, the annual fixed charges claimed by the petitioner for the period 2014-19 are as under:

	(₹ in lakh)				
	2014-15	2015-16	2016-17	2017-18	2018-19
Return on Equity	21319.31	21355.42	21407.81	21442.65	21442.95
Interest on Loan	0.00	0.00	0.00	0.00	0.00
Depreciation	4808.68	4846.23	4896.06	4942.12	4942.45
Interest on Working Capital	1011.28	1040.21	1071.60	1104.43	1137.48
O & M Expenses	7419.40	7912.34	8438.04	8998.66	9596.54
Total	34558.68	35154.20	35813.51	36487.87	37119.42

48. In response to the directions of the Commission, the petitioner has submitted additional information and has served copies of the same on the respondents. The respondents JVVNL, JDVVNL, AJVVNL, UPPCL and BRPL have filed replies to the petition and the petitioner has filed its rejoinder to the said replies filed by the respondents. Based on the submissions of the parties and the documents available on record, we proceed to determine the tariff of the generating station for the period 2014-19 as stated in the subsequent paragraphs.

Capital Cost

49. Clause (1) of Regulation 9 of the 2014 Tariff Regulations provides that the capital cost as determined by the Commission after prudence check in accordance with this regulation shall form



the basis of determination of tariff for existing and new projects. Clause (3) of Regulation 9 provides as under:

"9(3) The Capital cost of an existing project shall include the following:

(a) the capital cost admitted by the Commission prior to 1.4.2014 duly trued up by excluding liability, if any, as on 1.4.2014;

(b) xxxx

(c) xxxx

50. The closing capital cost considered by the Commission as on 31.3.2014 in this order is ₹341750.70 lakh. This has been considered as the opening capital cost as on 1.4.2014 for determination of tariff for the period 2014-19.

Actual/ Projected Additional Capital Expenditure during 2014-19

51. Clause (3) of Regulation 7 of the 2014 Tariff Regulations provides that the application for determination of tariff shall be 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.

52. Clause 3 of Regulation 14 of the 2014 Tariff Regulations, provides as under:

"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;*
- (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 un-discharged 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-materialization 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 Modernization (R&M), repairs and maintenance under (O&M) expenses and Compensation Allowance, same expenditure cannot be claimed under this regulation."

53. The year-wise breakup of the projected additional capital expenditure claimed by the petitioner is as under:

	2014-15	2015-16	2016-17	2017-18	2018-19
Proposed additional capital expenditure on gross basis.	790.00	613.00	1535.00	0.00	0.00
Proposed de-capitalization	181.02	5.95	360.91	0.00	0.00
Net proposed additional capital expenditure	608.98	607.05	1174.09	0.00	0.00

54. The respondent, BRPL has submitted that the claim of the petitioner for projected additional capital expenditure under Regulation 14(3)(viii) is required to be made under Regulation 14(3)(vii) of the 2014 Tariff Regulations, which require that the claim for expenditure for replacement of assets which are necessary for successful and efficient operation of the plant shall be substantiated with technical justification duly supported by documentary evidence like test results carried out by independent agency in case of deterioration of the assets.

55. We have examined the matter. The petitioner has claimed capitalization of the expenditure under Regulation 14(3)(viii) which also provides for capitalization of expenditure incurred due to additional work which has become necessary for successful and efficient operation of plant. The submission of the respondent, BRPL that Regulation 14(3)(viii) should be read with Regulation 14(3)(vii) in respect of expenditure incurred on replacement assets and that the same should be supported by documentary evidence like test results carried out by independent agency in case of deterioration of the assets, is also not acceptable. In our view, the requirement of documentary evidence like test results etc., carried out by independent agency will be necessary in case of major assets which have deteriorated prior to the expiry of useful life and accordingly sought to be replaced. In the instant case, these assets are being replaced on account of obsolescence /deterioration etc., after expiry of its useful life which is evident from the details of de-capitalized assets at Form 9 (B) (i) which includes the year during which these were put to use. However, there may be some assets which are serviceable even after the expiry of their useful life and should be put to use instead of seeking their replacement in a routine manner. In our view, the petitioner should support its claim of such replacement either on the basis of the certificate by the OEM or its technical committee. In the event of such replacement, we direct that the petitioner shall place on record the necessary certificate from the OEM or its technical committee at the time of truing-up of tariff. Similar approach shall be adopted in other cases where additional capitalization has been allowed under Regulation 14(3)(viii) of the 2014 Tariff Regulations.

56. Accordingly, based on the submissions of the parties and the documents available on record, the claims of the petitioner for the period 2014-19 are considered and allowed on prudence check, after reduction of the gross value of old assets, wherever necessary, as detailed in the subsequent paragraphs.

2014-15

Sl. No.	Assets/ Works	Amount Claimed	Justification submitted by the petitioner	Remarks on admissibility	(₹ In lakh) Amount Allowed
1	Modification / Up gradation of existing Turbine Governor and Excitation System of Uri Power Station.	450.00	The petitioner has submitted that due to obsolesce of controllers of Governor and Excitation system, no spare support is available from OEM. Further, engineering station of present system is not working which is causing problem in fault diagnosis and troubleshooting. Therefore, modification/up gradation of present system is very much essential. The detailed specification could not be finalized and hence, item could not be capitalized during the period 2009-14. Now after finalization of the same, the tender has been issued. The work in first unit shall be done in 2014-15 and remaining three units shall be taken in 2016-17.	Considering the fact that the expenditure will be incurred for compliance of IEGC, 2010 the same is allowed under Regulation 14(3)(ii) of the 2014 Tariff Regulations.	330.00
2	Retrofitting of relays / protection scheme in generating units	30.00	The petitioner has submitted that the retrofitting of relays in two units is completed in 2010-11 & 2011-12. However relays are required to be retrofitted in two more units during 2014-15 & 2015-16.	Considering the fact that the asset/work is considered necessary for successful and efficient operation of the plant, the same is allowed under Regulation 14(3)(viii) of the 2014 Tariff Regulations. The gross value of old asset is considered as ₹5.00 lakh.	25.00 (30.00 - 5.00)
3	Up gradation of existing Hydraulic Elevator of Power House.	50.00	The petitioner has submitted that the tender for upgradation of existing Hydraulic Elevator of power house was floated but same could not be finalized. However, fresh tender has been floated and the work is likely to be completed in 2014-15. The cost has been considered based on the offer received.	Considering the fact that the asset/work is considered necessary for successful and efficient operation of the plant, the same is allowed under Regulation 14(3)(viii) of the 2014 Tariff Regulations. The gross value of old	14.16 (50.00-35.84)

			The petitioner has submitted that the tender for upgradation of existing Hydraulic Elevator of power house was floated but same could not be finalised. However, fresh tender has been floated and the work is likely to be completed in 2014-15. The cost has been considered based on the offer received.	asset is considered as ₹35.84 lakh.	
4	Disaster Management Plan for Power House	100.00	The petitioner has submitted that keeping in view the recent incident in one of the NHPC Power Station, the implementation of disaster Management Plan at Uri Power Station is being proposed in phased manner. The tentative scheme has been prepared and accordingly, the price has been considered based on Estimation. The present scheme for drainage and dewatering consists of four pumps, two dry pits for dewatering and two wet sumps for drainage. The dewatering pumps (one in each sump) are vertical centrifugal pumps and the drainage pumps (two in each sump) are submersible type. The power supply to all the pumps are fed through panels located in pump floor (the lowest floor of PH) and in case of any eventuality the complete drainage and dewatering system will be non functional. Hence an alternate arrangement for dewatering is proposed in which panel three nos. 150HP submersible pumps will be installed at pump floor and a separate piping arrangement will be made so that water can be directly discharged in to the main river through MAT. The control and power supply panel shall be located in the GIS floor	Considering the fact that the asset will facilitate the successful and efficient operation of plant, the same is allowed under Regulation 14(3) (viii) of the 2014 Tariff Regulations.	100.00

			which shall be fed directly from the existing DG set installed near the pothead yard.		
5	Purchase of CT Analyser & DGA testing instruments.	35.00	CT Analyser is proposed to be purchased for measurement and protection of CTs while DGA testing instrument is essential for testing condition of transformer oil.	Considering the fact that the assets are in the nature of tools and tackles, the same is not allowed	35.00
6	TATA 407, 3.0 MT	15.00	The petitioner has submitted that, the existing two vehicles (TATA 407, 3.0 MT) have been deployed for 13 years against its scheduled life of 6/10 years. Presently these vehicles have already been grounded. It is proposed to purchase two nos. TATA 407 to replace this vehicle with an estimated cost of ₹7.50 Lakh each.	Considering the fact that the asset/work is considered necessary for successful and efficient operation of the plant, the same is allowed under Regulation 14(3)(viii) of the 2014 Tariff Regulations. The gross value of old asset is considered as ₹8.44 lakh.	6.56 (15.00 – 8.44)
7	47 seater Bus fabricated on TATA 1512/52 TC Chassis	10.00	The petitioner has submitted that, the existing 47 seater bus fabricated on TATA 1512 TC chassis has been deployed for 12.5 years against its scheduled life of 8 years. The vehicle demands frequent repairs and has been kept running for want of its replacement. It is proposed to replace it with a new bus fabricated on TATA 1512/52 TC Chassis with an estimated cost of ₹25.00 lakh. The expenditure of ₹10 lakh and ₹15 lakh for purchase of chassis and fabrication shall be incurred in 2014-15 and 2015-16 respectively.	Considering the fact that the asset/work is considered necessary for successful and efficient operation of the plant, the same is allowed under Regulation 14(3)(viii) of the 2014 Tariff Regulations. The gross value of old asset is considered as ₹10.68 lakh.	(-) 0.68 (10.00-10.68)
8	Hydro Mobile Crane	100.00	The petitioner has submitted that, the existing hydraulic mobile crane has been deployed for 28 years against its scheduled life of 12 years. The vehicle demands frequent repairs and has been kept running for want of its replacement. It is proposed to replace the old crane with a similar model crane at an	Considering the fact that the asset/work is considered necessary for successful and efficient operation of the plant, the same is allowed under Regulation 14(3)(viii) of the 2014 Tariff Regulations. The	98.94 (100.00 – 1.06)

			estimated cost of ₹1.06 lakh in the year 2014-2015.	gross value of old asset is considered as ₹1.06 lakh.	
Total Claimed		608.98			
Total Allowed (after de-capitalization)				573.98	

2015-16

(₹ in lakh)					
Sl. No.	Assets/ Works	Amount Claimed	Justification submitted by the petitioner	Remarks on admissibility	Amount Allowed
1	Disaster Management Plan for Power House	200.00	The petitioner has submitted that, keeping in view the recent mis-happening in one of the NHPC Power Station, the implementation of disaster management plan at Uri Power Station is being proposed in phased manner. The tentative scheme has been prepared and accordingly, the price has been considered based on Estimation. The present scheme for drainage and dewatering consists of four sumps, two dry pits for dewatering and two wet sumps for drainage. The dewatering pumps (one in each sump) are vertical centrifugal pumps and the drainage pumps (two in each sump) are submersible type. The power supply to all the pumps are fed through panels located in pump floor (the lowest floor of PH) and in case of any eventuality the complete drainage and dewatering system will be non functional. Hence an alternate arrangement for dewatering is proposed in which panel three nos. 150HP submersible pump will be installed at pump floor and a separate piping arrangement will be made so that water can be directly discharged in to the main river through MAT. The control and power supply panel shall be located in the GIS floor which shall be fed directly from the existing DG set installed near the	Considering the fact that the asset will facilitate successful and efficient operation of plant the same is allowed under Regulation 14(3) (viii) of the 2014 Tariff Regulations.	200.00

			pothead yard.		
2	Purchase of CT Analyser & DGA testing instruments.	40.00	CT Analyser is proposed to be purchased for measurement and protection of CTs while DGA testing instrument is essential for testing condition of transformer oil.	Considering the fact that the assets are in the nature of tools and tackles, the same is not allowed .	40.00
3	TATA 207 (Two nos)	11.00	The petitioner has submitted that, the existing two vehicles (TATA 407, 3.0 MT) have been deployed for 23 & 20 years against its scheduled life of 6/10 years. The vehicles demand frequent repairs and has been kept running for want of its replacement. It is proposed to purchase two nos TATA 207 to replace these vehicles with an estimated cost of ₹5.50 Lakh each.	Considering the fact that the asset/work is considered necessary for successful and efficient operation of the plant, the same is allowed under Regulation 14(3)(viii) of the 2014 Tariff Regulations. The gross value of old asset is considered as ₹0.95 lakh.	10.05 (11.00 – 0.95)
4	TATA 407, Ambulance.	12.00	The petitioner has submitted that, the existing ambulance (TATA 407 ambulance) has been deployed for 21 years against its scheduled life of 6/10 years. Presently this vehicle has already been grounded. It is proposed to purchase a new TATA 407 ambulance to replace it with an estimated cost of ₹15.00 lakh in 2015-16. The petitioner has submitted that the Old ambulance has been deleted in 2010-11.	Considering the fact that the expenditure is for the benefit of the employees working in remote areas of the project which in turn will facilitate the successful and efficient operation of the generating station, the same is allowed under Regulation 14(3)(viii) of the 2014 Tariff Regulations.	12.00
5	47 seater Bus fabricated on TATA 1512/52 TC Chasis	15.00	The petitioner has submitted that, the existing 47 seater bus fabricated on TATA 1512 TC chassis has been deployed for 12.5 years against its scheduled life of 8 years. The vehicle demands frequent repairs and has been kept running for want of its replacement. It is proposed to replace it with a new bus fabricated on TATA 1512/52 TC Chasis with an estimated cost of ₹25.00 lakh. The expenditure of ₹10 lakh and ₹15 lakh for purchase of chasis and fabrication shall	Considering the fact that the asset/work is considered necessary for successful and efficient operation of the plant, the same is allowed under Regulation 14(3)(viii) of the 2014 Tariff Regulations.	15.00

			be incurred in 2014-15 and 2015-16 respectively.		
6	Retrofitting of relays / protection scheme in generating units.	35.00	The petitioner has submitted that the retrofitting of relays in two units is completed in 2010-11 & 2011-12. However relays are required to be retrofitted in two more units during 2014-15 & 2015-16.	Considering the fact that the asset/work is considered necessary for successful and efficient operation of the plant, the same is allowed under Regulation 14(3)(viii) of the 2014 Tariff Regulations. The gross value of old asset is considered as ₹5.00 lakh.	30.00 (35.00 – 5.00)
7	Trash cleaning arrangement at Barrage	300.00	The petitioner has submitted that, Uri power station faces an acute problem of trash at the intake of barrage specially during the high intake season. The trash comprises of the small thorny vegetation and municipal waste which is suspended in the water and chokes the trash rack at the head regulator. As a result, there occurs a head difference between the reservoir and intake levels. Presently, to tackle this issue, back flushing is resorted to, which leads to backing down of the generation resulting in generation loss to the power station. Frequency of back flushing varies from once in a day to even six times a day depending upon the quantum of trash in the inflow and in one flushing activity, the average loss of generation faced is about 0.2 MU. To avoid generation loss due to heavy trash accumulation at intake during high inflow season, trash cleaning arrangement is proposed to be installed at Barrage. This is essential for the power station and will lead to efficient and smooth operation of the power station by minimizing the generation loss due to	Considering the fact that the asset/work is considered necessary for successful and efficient operation of the plant, the same is allowed under Regulation 14(3)(viii) of Tariff Regulations, 2014.	300.00



			trash. Further in case an efficient trash removal system is installed upstream of the Barrage, it will help reduce the menace of trash at Uri-II also.		
Total Claimed		613.00			
Total Allowed (after de-capitalization)					567.05

2016-17

(₹ in lakh)					
Sl. No.	Assets/ Works	Amount Claimed	Justification submitted by the petitioner	Remarks on admissibility	Amount Allowed
1	Modification/Up gradation of existing Turbine Governor and Excitation System of Uri Power Station.	1500.00	The petitioner has submitted that, due to obsolesce of controllers of Governor and Excitation system, no spare support is available from OEM. Further, engineering station of present system is not working which is causing problem in fault diagnosis and troubleshooting. Therefore, modification/up gradation of present system is very much essential. The detailed specification could not be finalized hence, item could not be capitalized during the tariff period 2009-14. Now after finalization of the same, the tender has been issued. The work in first unit shall be done in 2014-15 and remaining three units shall be taken in 2016-17.	Considering the fact that the expenditure is for compliance of IEGC, 2010 the same is allowed under Regulation 14(3)(ii) of the 2014 Tariff Regulations. The gross value of old asset is considered as ₹360.00 lakh.	1140.00 (1500.00 - 360.00)
2	Fire Tender Fabricated on TATA LPT 1613/42 Chasis.	35.00	The petitioner has submitted that, the existing fire tender fabricated on TATA 1210 SE chasis has been deployed for 24.5 years against its scheduled life of 8 years. The vehicle demands frequent repairs and has been kept running for want of its replacement. It is proposed to replace it with a new fire tender fabricated on TATA LPT 1613/42 Chassis with an estimated cost of ₹35.00 lakh in 2016-17.	Considering the fact that the asset/work is considered necessary for successful and efficient operation of the plant, the same is allowed under Regulation 14(3)(viii) of Tariff Regulations, 2014. The gross value of old asset is considered as ₹0.91 lakh.	34.09 (35.00 – 0.91)
Total Claimed		1535.00			
Total Allowed (after de-capitalization)					1174.09

2017-18 & 2018-19

57. No additional capital expenditure has been claimed by the petitioner during 2017-18 and 2018-19.

Additional capital expenditure for 2014-19

58. Based on the above, the net additional capital expenditure allowed for the period 2014-19 is summarized as under:

	(₹ in lakh)				
	2014-15	2015-16	2016-17	2017-18	2018-19
Additional Capital Expenditure allowed	755.00	573.00	1535.00	0.00	0.00
Less: De-capitalization considered	181.02	5.95	360.91	0.00	0.00
Net Additional Capital Expenditure allowed for the purpose of tariff	573.98	567.05	1174.09	0.00	0.00

59. The petitioner has proposed the following liability to be discharged for the period 2014-19 is as under:

(₹ in lakh)				
2014-15	2015-16	2016-17	2017-18	2018-19
11.49	0.00	0.00	10.20	0.00

60. Taking into consideration the discharge of liabilities, the projected additional capital expenditure allowed for the purpose of tariff is as under:

	(₹ in lakh)				
	2014-15	2015-16	2016-17	2017-18	2018-19
Net Additional Capital expenditure allowed	573.98	567.05	1174.09	0.00	0.00
Discharge of liabilities	11.49	0.00	0.00	10.20	0.00
Additional Capital expenditure allowed	585.47	567.05	1174.09	10.20	0.00

Capital Cost for 2014-19

61. As stated, the closing capital cost of ₹341750.70 lakh has been considered as on 31.3.2014. The same has been considered as the opening capital cost as on 1.4.2014. Accordingly, the capital cost considered for the purpose of tariff for the period 2014-19 is as under:

	2014-15	2015-16	2016-17	2017-18	2018-19
Opening Capital Cost	341750.70	342336.17	342903.22	344077.31	344087.51
Additional Capital expenditure allowed	585.47	567.05	1174.09	10.20	0.00
Capital Cost as on 31st March of the year	342336.17	342903.22	344077.31	344087.51	344087.51

(₹ in lakh)

Debt- Equity Ratio

62. Regulation 19 of the 2014 Tariff Regulations provides as under:

“19. Debt-Equity Ratio

(1) For a project declared under commercial operation on or after 1.4.2014, the debt-equity ratio would be considered as 70:30 as on COD. If the equity actually deployed is more than 30% of the capital cost, equity in excess of 30% shall be treated as normative loan:

Provided that:

i. where equity actually deployed is less than 30% of the capital cost, actual equity shall be considered for determination of tariff:

ii. the equity invested in foreign currency shall be designated in Indian rupees on the date of each investment:

iii. any grant obtained for the execution of the project shall not be considered as a part of capital structure for the purpose of debt : equity ratio.”

63. The petitioner has stated that the funding of the additional capital expenditure has been made through internal resources and others. In terms of the above, the debt equity ratio of 70:30 has been considered on the additional capital expenditure, after adjustment of the un-discharged liability.

Return on Equity

64. Regulation 24 of the 2014 Tariff Regulations provides as under:

“24. Return on Equity: *(1) Return on equity shall be computed in rupee terms, on the equity base determined in accordance with regulation 19.*

(2) Return on equity shall be computed at the base rate of 15.50% for thermal generating stations, transmission system including communication system and run of the river hydro generating station, and at the base rate of 16.50% for the storage type hydro generating stations including pumped storage hydro generating stations and run of river generating station with pondage:

Provided that:

(i) in case of projects commissioned on or after 1st April, 2014, an additional return of 0.50 % shall be allowed, if such projects are completed within the timeline specified in Appendix-I:

(ii) the additional return of 0.5% shall not be admissible if the project is not completed within the timeline specified above for reasons whatsoever:

(iii) additional RoE of 0.50% may be allowed if any element of the transmission project is completed within the specified timeline and it is certified by the Regional Power Committee/National Power Committee that commissioning of the particular element will benefit the system operation in the regional/national grid:

(iv) the rate of return of a new project shall be reduced by 1% for such period as may be decided by the Commission, if the generating station or transmission system is found to be declared under commercial operation without commissioning of any of the Restricted Governor Mode Operation (RGMO)/ Free Governor Mode Operation (FGMO), data telemetry, communication system up to load dispatch centre or protection system: v) as and when any of the above requirements are found lacking in a generating station based on the report submitted by the respective RLDC, RoE shall be reduced by 1% for the period for which the deficiency continues: vi) additional RoE shall not be admissible for transmission line having length of less than 50 kilometers."

65. Regulation 25 of the 2014 Tariff Regulations provides as under:

Tax on Return on Equity:

(1) The base rate of return on equity as allowed by the Commission under Regulation 24 shall be grossed up with the effective tax rate of the respective financial year. For this purpose, the effective tax rate shall be considered on the basis of actual tax paid in the respect of the financial year in line with the provisions of the relevant Finance Acts by the concerned generating company or the transmission licensee, as the case may be. The actual tax income on other income stream (i.e., income of non generation or non transmission business, as the case may be) shall not be considered for the calculation of "effective tax rate".

(2) Rate of return on equity shall be rounded off to three decimal places and shall be computed as per the formula given below:

$$\text{Rate of pre-tax return on equity} = \text{Base rate} / (1-t)$$

Where "t" is the effective tax rate in accordance with Clause (1) of this regulation and shall be calculated at the beginning of every financial year based on the estimated profit and tax to be paid estimated in line with the provisions of the relevant Finance Act applicable for that financial year to the company on pro-rata basis by excluding the income of non-generation or non-transmission business, as the case may be, and the corresponding tax thereon. In case of generating company or transmission licensee paying Minimum Alternate Tax (MAT), "t" shall be considered as MAT rate including surcharge and cess.

(3) The generating company or the transmission licensee, as the case may be, shall true up the grossed up rate of return on equity at the end of every financial year based on actual tax paid together with any additional tax demand including interest thereon, duly adjusted for any refund of tax including interest received from the income tax authorities pertaining to the tariff period 2014-15 to 2018-19 on actual gross income of any financial year. However, penalty, if any, arising on account of delay in deposit or short deposit of tax amount shall not be claimed by the generating company or the transmission licensee as the case may be. Any under-recovery or over-recovery of grossed up rate on return on equity after truing up, shall be recovered or refunded to beneficiaries or the long term transmission customers/DICs as the case may be on year to year basis.

66. The Base rate of ROE has been grossed up with the MAT rate for the year 2013-14.

Accordingly, in terms of the above regulations, Return on Equity has been computed as under:

	2014-15	2015-16	2016-17	2017-18	2018-19
Gross Notional Equity	108588.74	108764.38	108934.49	109286.72	109289.78
Addition due to additional capital expenditure	175.64	170.12	352.23	3.06	0.00
Closing Equity	108764.38	108934.49	109286.72	109289.78	109289.78
Average Equity	108676.56	108849.44	109110.61	109288.25	109289.78
Rate of ROE (pre-tax)	19.610%	19.610%	19.610%	19.610%	19.610%
Return on Equity	21311.47	21345.37	21396.59	21431.43	21431.73

(₹ in lakh)

67. The petitioner is however directed to furnish on affidavit the effective tax rates along with the Tax Audit Report for the period 2015-19 at the time of revision of tariff based on truing-up in terms of Regulation 8 of the 2014 Tariff Regulations.

Interest on loan

68. The normative loan of the project has already been repaid. The normative loan on account of admitted additional capital expenditure during the respective year of the entire period have also been considered as paid fully, as the admitted depreciation is more than the amount of normative loan in these years. As such Interest on Loan during the period 2014-19 is Nil.

Depreciation

69. Regulation 27 of the 2014 Tariff Regulations provides as under:

"27. Depreciation: (1) Depreciation shall be computed from the date of commercial operation of a generating station or unit thereof or a transmission system including communication system or element thereof. In case of the tariff of all the units of a generating station or all elements of a transmission system including communication system for which a single tariff needs to be determined, the depreciation shall be computed from the effective date of commercial operation of the generating station or the transmission system taking into consideration the depreciation of individual units or elements thereof.

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

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

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

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

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

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

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

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

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

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

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

(8) In case of de-capitalization of assets in respect of generating station or unit thereof or transmission system or element thereof, the cumulative depreciation shall be adjusted by taking into account the depreciation recovered in tariff by the de-capitalized asset during its useful services."

70. The COD of the generating station is 1.6.1997. As the generating station has completed 12 years of operation as on 1.6.2009, the remaining depreciable value has been spread over the balance useful life of the project. Accordingly, depreciation has been computed as under:

	(₹ in lakh)				
	2014-15	2015-16	2016-17	2017-18	2018-19
Opening Gross block	341750.70	342336.17	342903.22	344077.31	344087.51
Additional capital expenditure during 2014-19	585.47	567.05	1174.09	10.20	0.00
Closing gross block	342336.17	342903.22	344077.31	344087.51	344087.51
Average gross block	342043.44	342619.70	343490.27	344082.41	344087.51
Depreciable Value	307839.09	308357.73	309141.24	309674.17	309678.76
Balance Useful life of the asset	18.17	17.17	16.17	15.17	14.17
Remaining Depreciable Value	85227.42	81174.77	77233.68	73237.27	68413.03
Depreciation	4691.42	4728.63	4777.34	4828.83	4829.16

Operation & Maintenance Expenses

71. Regulation 29 clause (3) sub-clause (a) provides as under:



231

"(a) Following operations and maintenance expense norms shall be applicable for hydro generating stations which have been operational for three or more years as on 1.4.2014:

(₹ in lakh)				
NHPC				
Uri				
2014-15	2015-16	2016-17	2017-18	2018-19
7419.40	7912.34	8438.04	8998.66	9596.54

72. The generating station is in operation for three or more years as on 1.4.2014. Accordingly, in terms of the above regulation, the year-wise O&M expense norms considered for the generating station for 2014-19 is as under:

(₹ in lakh)				
2014-15	2015-16	2016-17	2017-18	2018-19
7419.40	7912.34	8438.04	8998.66	9596.54

Interest on Working Capital

73. Sub-section (c) of Clause (1) of Regulation 28 of the 2014 Tariff Regulations provides as under:

"28 (1) (c) Hydro generating station including pumped storage hydro electric generating station and transmission system including communication system:

(i) Receivables equivalent to two months of fixed cost;

(ii) Maintenance spares @ 15% of operation and maintenance expenses specified in regulation 29; and

(iii) Operation and maintenance expenses for one month."

74. Working capital has been calculated considering the following elements:

Maintenance Spares

75. Maintenance spares considered for the purpose of tariff is as under:

(₹ in lakh)				
2014-15	2015-16	2016-17	2017-18	2018-19
1112.91	1186.85	1265.71	1349.80	1439.48

Receivables

76. Receivable component of working capital has been worked out on the basis of two months of fixed cost as under:

(₹ in lakh)				
2014-15	2015-16	2016-17	2017-18	2018-19
5738.45	5837.27	5946.76	6060.08	6165.34

O&M Expenses (1 month)

77. O & M expenses for 1 month for the purpose of working capital is as under:

(₹ in lakh)				
2014-15	2015-16	2016-17	2017-18	2018-19
618.28	659.36	703.17	749.89	799.71

78. Clause (3) of Regulation 28 of the 2014 Tariff Regulations provides as under:

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

79. In terms of the above regulations, the Bank Rate of 13.50% (Base Rate + 350 Basis Points) as on 1.4.2014 has been considered by the petitioner. This has been considered in the calculations for the purpose of tariff.

Interest on Working Capital

80. Necessary computations in support of interest on working capital are appended below:

					(₹ in lakh)
	2014-15	2015-16	2016-17	2017-18	2018-19
Maintenance Spares	1112.91	1186.85	1265.71	1349.80	1439.48
O & M expenses	618.28	659.36	703.17	749.89	799.71
Receivables	5738.45	5837.27	5946.76	6060.08	6165.34
Total	7469.64	7683.48	7915.64	8159.77	8404.53
Rate of Interest	13.50%	13.50%	13.50%	13.50%	13.50%
Interest on Working Capital	1008.40	1037.27	1068.61	1101.57	1134.61

Annual Fixed charges for 2014-19

81. Accordingly, the annual fixed charges approved for the generating station for the period 2014-19 is as under:

					(₹ in lakh)
	2014-15	2015-16	2016-17	2017-18	2018-19
Return on Equity	21311.47	21345.37	21396.59	21431.43	21431.73
Interest on Loan	0.00	0.00	0.00	0.00	0.00
Depreciation	4691.42	4728.63	4777.34	4828.83	4829.16
Interest on Working Capital	1008.40	1037.27	1068.61	1101.57	1134.61
O & M Expenses	7419.40	7912.34	8438.04	8998.66	9596.54
Total	34430.69	35023.61	35680.58	36360.49	36992.03

Normative Annual Plant Availability Factor

82. Clause (4) of Regulation 37 of the 2014 Tariff Regulations provides for the Normative Annual Plant Availability Factor (NAPAF) for hydro generating stations already in operation. Accordingly, the NAPAF of 70% has been considered for this generating station, the same being a R.O.R Hydro generating station.

Design Energy

83. The Commission in its order dated 16.6.2011 in Petition No.74/2010 had approved the annual Design Energy (DE) of 2587.38 Million units for the period 2009-14 in respect of this generating station. This DE has been considered for this generating station for the period 2014-19 as per month-wise details as under:

Month	Design Energy (MUs)
April	328.32
May	339.26
June	328.32
July	339.26
August	302.63
September	209.24
October	117.69
November	72.21
December	71.39
January	81.09
February	133.09
March	264.88
Total	2587.38

Application Fee and Publication Expenses

84. The petitioner has deposited the filing fees of ₹2112000/- for the period 2014-15 in terms of the provisions of the Central Electricity Regulatory Commission (Payment of Fees) Regulations, 2012. The petitioner has published the notice of the tariff petition for 2014-19 in the newspapers in terms of the Central Electricity Regulatory Commission (Procedure for making of application for determination of tariff, publication of the application and other related matters) Regulation, 2004. Accordingly, in terms of Regulation 52 of the 2014 Tariff Regulations and in line with the decision in order dated 6.1.2016 in Petition No. 232/GT/2014, the petitioner shall be entitled to recover the filing fees for the year 2014-15 and the expenses incurred on publication of notices for the period 2014-19 directly from the respondents. The filing fees for the remaining years of the tariff period



2015-19 shall be reimbursed after deposit of the same and subject to production of documentary proof.

85. The annual fixed charges approved for the generating station for the period 2014-19 as above are subject to truing-up in terms of Regulation 8 of the 2014 Tariff Regulations.

86. Petition No. 238/GT2014 is disposed of in terms of the above.

Sd/-
(Dr. M.K. Iyer)
Member

Sd/-
(A.S Bakshi)
Member

Sd/-
(A.K.Singhal)
Member

Sd/-
(Gireesh B Pradhan)
Chairperson



ANNEX-IV

					Annex-IV	
Details Gain on Auxiliary Consumption shared with beneficiaries during 2014-19						
URI Power Station						
					(Amount in Rs.)	
Net Gain		4099978	4221598	3783508	0	6353658
Gain Shared (40%)		1639991	1688639	1513403	0	2541463
Sharing of Gain						
Sl.No	Beneficiaries	2014-15	2015-16	2016-17	2017-18	2018-19
1	AVVN	47476	50777	44008	0	71838
2	BRPL	89526	70932	110338	0	140695
3	BYPL	51775	0	0	0	81367
4	HPPC	101508	109709	95078	0	157270
5	HPSEB	50768	54868	47551	0	78635
6	J&K	405270	435942	378871	0	625205
7	JdVVN	53693	58031	50295	0	83920
8	JVVN	66622	72539	62868	0	104231
9	TPDDL	63431	68561	59414	0	98281
10	PSEB	257501	278308	241199	0	398979
11	UPCL	65170	70437	61042	0	100978
12	UPPCL	375650	406000	351872	0	582073
13	UTC	11601	12535	10867	0	17990
	Total	1639991	1688639	1513403	0	2541463





NHPC Ltd.
(A Schedule 'A' Enterprise of Govt. of India)
NHPC Office Complex, Sector 33, Faridabad - 121003

Address of Beneficiary	
DY. CHIEF ENGINEER / ISB PUNJAB STATE POWER CORPORATION LTD. SHED NO.T- 1A, THERMAL DESIGNS, PSPCL PATIALA - PUNJAB	BILL FOR FY 2014 - 2015 BILL TYPE SUPPLEMENTARY MONTH 201503 BILL NO 106B0012017964 BILL DATE 22-Mar-2018 HSN NO. : 27160000
Beneficiary GST No. : 03AAFCP5120Q1ZC	Acc. Rev. 14

PROJECT	URI	IMS/COM/F01 Rev. No. : 00 Date : 27.06.08
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NHPC Ltd, GINGLE P.O. MOHRA, DISTT. BARAMULLA (JK) PIN - 193 122 - GINGLE JK IN - INDIA
PROJECT GST No. : 01AAACN0149C3ZB

Date of Commercial Operation	COD	19970601	*	Normative Plant Availability Factor	NAPAF	70.000	%
Project age	P AGE	16	year	Saleable Annual design energy	SLDE	2249.571667	MU
Annual DE	ADE	2587.380000	MU	Energy Charge shortfall prev year	PEC_SF1	31546630	Rs
Auxiliary Consumption-Normative	AC NOR	1.200	%	Energy Charge Rate - AC-Normative	ECR NOR	0.770	Rs/Kwh
Auxiliary Consumption-Actual	AC ACT	1.000	%	Energy Charge Rate - AC-Actual	ECR_ACT	0.769	Rs/Kwh
Design Energy upto the month	DE	2587.380000	MU	Secondary Energy Charge Rate	SE_RATE1419	0.900	Rs/Kwh
Annual Fixed Charges Billed	AFC	346.541600	Cr	Saleable Design Energy for the month	SLDEM	2249.571667	MU
Saleable Annual design energy-AC-Actual	SLDE_ACT	2254.125456	MU	No of days for the month	NDM	365	Days
Project Scheduled Energy prev year	PSCH_PY1	2512.619935	MU	No of days in year	NDY	365	Days
Project Scheduled Energy prev to prev year	PSCH_PY2	2942.487195	MU				
				Plant Availability Factor for the Month	PAFM	79.521	%
				Saleable Capacity Share	CS	13.750	%

(A) Power Station-wise Energy Calculation for FY 2014 - 2015 (Figures in Rs.)

Scheduled Energy	PSCH	3009.953305	MU	Project Energy Charges @ECR	PEC_DE_ECR	1732170184	Rs
Free Energy	PFP	370.768203	MU	Project Energy charges beyond DE	PEC_DE_PLUS	300002345	Rs
Saleable Energy	PSLE	2639.185102	MU	Capacity Charges	PCC	1968381041	Rs
Project Saleable Energy upto DE	PSLE_DE	2249.571667	MU	Misc. Charges	PMISC	2112000	Rs
Saleable Energy upto DE@ECR	PSLE_DE_ECR	2249.571667	MU	Project deferred tax materialized	PDTAX	351122630	Rs
Project saleable energy beyond DE	PSLE_DE_PLUS	389.613435	MU	Water Usage Charges Apr - Sep	PWATER	870575492	Rs
				Water Usage Charges Oct - March	PWATER_2013	495645366	Rs
				RLDC Charges	PRLDC	4477971	Rs
				Total Charges	PTC	5724487029	Rs

(B) Beneficiary-wise Power Calculation in (MU)

Description		Upto Previous Bill	Upto Current Bill	Current Bill
Beneficiary Scheduled Energy	BSCH	413.840530	413.840530	0.000000
Saleable Energy	BSLE	413.840530	413.840530	0.000000
Benef Saleable Energy @ECR	BSLE_DE_ECR	352.746736	352.746736	0.000000
Beneficiary Saleable Energy beyond DE	BSLE_DE_PLUS	61.093794	61.093794	0.000000

(C) Bill Details for FY 2014 - 2015 (Figures in Rs.)

Description		Upto Previous Bill	Upto Current Bill	Current Bill
Benef Energy Charges upto DE @ECR	BEC_DE_ECR	271,614,987	271,614,987	0
Benef Energy charges beyond DE	BEC_DE_PLUS	47,042,221	47,042,221	0
Beneficiary Capacity Charges	BCC	307,559,538	307,559,538	0
Beneficiary Misc	BMISC	330,000	330,000	0
Beneficiary deferred tax materialized	BDTAX	54,862,911	54,862,911	0
Water Use Chrg (PWATER+PWATER_2013)*(BSCH/P:	BWATER	187,842,636	187,842,636	0
Benef RLDC Charges	BRLDC	723,012	699,683	-23,329
Gain on Actual Aux. Consumption	GAIN_ON_AC	-257,501	-257,501	0

Total Charges	869,717,804	869,694,475	-23,329
Amount Due In This Bill			-23,329



(Signature)

ADARSH KUMAR SINGH
DM (FINANCE) COMMERCIAL



NHPC Ltd.
(A Schedule 'A' Enterprise of Govt. of India)
NHPC Office Complex, Sector 33, Faridabad - 121003

Address of Beneficiary	
DY. CHIEF ENGINEER / ISB PUNJAB STATE POWER CORPORATION LTD. SHED NO.T- 1A, THERMAL DESIGNS, PSPCL PATIALA - PUNJAB	BILL FOR FY 2015 - 2016 BILL TYPE SUPPLEMENTARY MONTH 201603 BILL NO 106B0012018976 BILL DATE 14-Jun-2018 HSN NO. : 27160000
Beneficiary GST No. : 03AAFCP5120Q1ZC	Acc. Rev. 10

PROJECT URI	IMS/COM/F01 Rev. No. : 00 Date : 27.06.08
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NHPC Ltd, GINGLE P.O. MOHRA, DISTT. BARAMULLA (JK) PIN - 193 122 - GINGLE JK IN - INDIA
PROJECT GST No. : 01AAACN0149C3ZB

Date of Commercial Operation	COD	19970601	*	Normative Plant Availability Factor	NAPAF	70.000	%
Project age	P AGE	17	year	Saleable Annual design energy	SLDE	2249.571667	MU
Annual DE	ADE	2587.380000	MU	Energy Charge shortfall prev to prev year	PEC_SF2	31546630	Rs
Auxilliary Consumption-Normative	AC NOR	1.200	%	Energy Charge shortfall to be recovered	PEC_SF	31546630	Rs
Auxilliary Consumption-Actual	AC ACT	1.000	%	Energy Charge Rate - AC-Normative	ECR NOR	0.785	Rs/Kwh
Design Energy upto the month	DE	2587.380000	MU	Energy Charge Rate - AC-Actual	ECR ACT	0.783	Rs/Kwh
Annual Fixed Charges Billed	AFC	353.008900	Cr	Secondary Energy Charge Rate	SE_RATE1419	0.900	Rs/Kwh
Saleable Annual design energy-AC-Actual	SLDE_ACT	2254.125456	MU	Saleable Design Energy for the month	SLDEM	2249.571667	MU
Project Scheduled Energy prev year	PSCH_PY1	3009.953305	MU	No of days for the month	NDM	366	Days
Project Scheduled Energy prev to prev year	PSCH_PY2	2512.619935	MU	No of days in year	NDY	366	Days
				Plant Availability Factor for the Month	PAFM	86.209	%
				Saleable Capacity Share	CS	13.750	%

(A) Power Station-wise Energy Calculation for FY 2015 - 2016 (Figures in Rs.)

Scheduled Energy	PSCH	3187.533164	MU	Project Energy Charges @ECR	PEC_DE_ECR	1765913759	Rs
Free Energy	PFP	396.344826	MU	Project Energy charges beyond DE	PEC_DE_PLUS	425169087	Rs
Saleable Energy	PSLE	2791.188338	MU	Capacity Charges	PCC	2173753161	Rs
Project Saleable Energy upto DE	PSLE_DE	2249.571667	MU	Misc. Charges	PMISC	2112000	Rs
Saleable Energy upto DE@ECR	PSLE_DE_ECR	2249.571667	MU	Project deferred tax materialized	PDTAX	372144324	Rs
Project saleable energy beyond DE	PSLE_DE_PLUS	541.616671	MU	Water Usage Charges Apr - Sep	PWATER	850882903	Rs
				Water Usage Charges Oct - March	PWATER_2013	607004518	Rs
				RLDC Charges	PRLDC	3683470	Rs
				Total Charges	PTC	6200663222	Rs

(B) Beneficiary-wise Power Calculation in (MU)

Description		Upto Previous Bill	Upto Current Bill	Current Bill
Beneficiary Scheduled Energy	BSCH	438.733273	438.733273	0.000000
Saleable Energy	BSLE	438.733273	438.733273	0.000000
Benif Saleable Energy @ECR	BSLE_DE_ECR	353.599192	353.599192	0.000000
Beneficiary Saleable Energy beyond DE	BSLE_DE_PLUS	85.134081	85.134081	0.000000

(C) Bill Details for FY 2015 - 2016 (Figures in Rs.)

Description		Upto Previous Bill	Upto Current Bill	Current Bill
Benif Energy Charges upto DE @ECR	BEC_DE_ECR	277,221,767	277,575,366	353,599
Benif Energy charges beyond DE	BEC_DE_PLUS	66,745,120	66,830,254	85,134
Beneficiary Capacity Charges	BCC	339,509,515	339,648,931	139,416
Beneficiary Misc	BMISC	330,000	330,000	0
Beneficiary delerred tax materialized	BDTAX	58,147,551	58,147,551	0
Water Use Chrg (PWATER+PWATER_2013)*(BSCH/P:	BWATER	200,664,177	200,664,177	0
Benef RLDC Charges	BRLDC	575,542	575,542	0
Gain on Actual Aux. Consumption	GAIN_ON_AC	-277,953	-278,308	-355

Total Charges	942,915,719	943,493,513	577,794
Amount Due In This Bill			577,794



(Prashant Agarwal)



NHPC Ltd.
(A Schedule 'A' Enterprise of Govt. of India)
NHPC Office Complex, Sector 33, Faridabad - 121003

Address of Beneficiary	BILL FOR FY 2016 - 2017	
AGM, POWER MANAGEMENT GROUP TATA POWER DELHI DISTRIBUTION LTD POWER MANAGEMENT GROUP, 1ST FLOOR, CENNET SCADA BLDG., NEAR PP-3 GRID PITAMPURA, DELHI - 110009 DELHI	BILL TYPE SUPPLEMENTARY	
	MONTH 201703	Acc. Rev. 4
	BILL NO 106B0312017636	
	BILL DATE 26-Mar-2018	
	HSN NO. : 27160000	
Beneficiary GST No. : 07AABCN6808R1ZV		

PROJECT URI	IMS/COM/F01 Rev. No. : 00 Date : 27.06.08
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NHPC Ltd, GINGLE P.O. MOHRA, DISTT. BARAMULLA (JK) PIN - 193 122 - GINGLE JK IN - INDIA

PROJECT GST No. : 01AAACN0149C3ZB

Date of Commercial Operation	COD	19970601	*	Normative Plant Availability Factor	NAPAF	70.000	%
Project age	P_AGE	18	year	Saleable Annual design energy	SLDE	2249.571667	MU
Annual DE	ADE	2587.380000	MU	Energy Charge Rate - AC-Normative	ECR_NOR	0.795	Rs/Kwh
Auxiliary Consumption-Normative	AC_NOR	1.200	%	Energy Charge Rate - AC-Actual	ECR_ACT	0.794	Rs/Kwh
Auxiliary Consumption-Actual	AC_ACT	1.000	%	Secondary Energy Charge Rate	SE_RATE1419	0.900	Rs/Kwh
Design Energy upto the month	DE	2587.380000	MU	Saleable Design Energy for the month	SLDEM	2249.571667	MU
Annual Fixed Charges Billed	AFC	357.821600	Cr	No of days for the month	NDM	365	Days
Saleable Annual design energy-AC-Actual	SLDE_ACT	2254.125456	MU	No of days in year	NDY	365	Days
Project Scheduled Energy prev year	PSCH_PY1	3187.533164	MU				
Project Scheduled Energy prev to prev year	PSCH_PY2	3009.953305	MU				
				Plant Availability Factor for the Month	PAFM	79.097	%
				Saleable Capacity Share	CS	3.387	%

(A) Power Station-wise Energy Calculation for FY 2016 - 2017 (Figures in Rs.)

Scheduled Energy	PSCH	2730.941922	MU	Project Energy Charges @ECR	PEC_DE_ECR	1788409475	Rs
Free Energy	PFP	337.526747	MU	Project Energy charges beyond DE	PEC_DE_PLUS	114355589	Rs
Saleable Energy	PSLE	2393.415175	MU	Capacity Charges	PCC	2021615364	Rs
Project Saleable Energy upto DE	PSLE_DE	2249.571667	MU	Misc. Charges	PMISC	2422710	Rs
Saleable Energy upto DE@ECR	PSLE_DE_ECR	2249.571667	MU	Project deferred tax materialized	PDTAX	381766104	Rs
Project saleable energy beyond DE	PSLE_DE_PLUS	143.843508	MU	Water Usage Charges Apr - Sep	PWATER	832869443	Rs
				Water Usage Charges Oct - March	PWATER_2013	411904181	Rs
				RLDC Charges	PRLDC	4148406	Rs
				Total Charges	PTC	5557491272	Rs

(B) Beneficiary-wise Power Calculation in (MU)

Description		Upto Previous Bill	Upto Current Bill	Current Bill
Beneficiary Scheduled Energy	BSCH	92.531752	92.484370	-0.047382
Saleable Energy	BSLE	92.531752	92.484370	-0.047382
Benef Saleable Energy @ECR	BSLE_DE_ECR	86.865639	86.926088	0.060449
Beneficiary Saleable Energy beyond DE	BSLE_DE_PLUS	5.666113	5.558282	-0.107831

(C) Bill Details for FY 2016 - 2017 (Figures in Rs.)

Description		Upto Previous Bill	Upto Current Bill	Current Bill
Benef Energy Charges upto DE @ECR	BEC_DE_ECR	69,058,183	69,106,240	48,057
Benef Energy charges beyond DE	BEC_DE_PLUS	4,504,560	4,418,834	-85,726
Beneficiary Capacity Charges	BCC	77,809,219	77,809,219	0
Beneficiary Misc	BMISC	93,247	93,247	0
Beneficiary deferred tax materialized	BDTAX	14,693.657	14,693.657	0
Water Use Chrg (PWATER+PWATER_2013)*(BSCH/P)	BWATER	42,154,557	42,154,725	168
Benef RLDC Charges	BRLDC	140,507	140,507	0
Gain on Actual Aux. Consumption	GAIN_ON_AC	-59,445	-59,414	31

Total Charges	208,394,485	208,357,015	-37,470
Amount Due In This Bill			-37,470



(Prashant Agarwal)



NHPC Ltd.
(A Schedule 'A' Enterprise of Govt. of India)
NHPC Office Complex, Sector 33, Faridabad - 121003

Address of Beneficiary	
AGM, POWER MANAGEMENT GROUP TATA POWER DELHI DISTRIBUTION LTD POWER MANAGEMENT GROUP, 1ST FLOOR, CENNET SCADA BLDG., NEAR PP-3 GRID PITAMPURA, DELHI - 110009 DELHI	BILL FOR FY 2017 - 2018 BILL TYPE SUPPLEMENTARY MONTH 201803 BILL NO 106B0312019678 BILL DATE 22-Aug-2019 HSN NO. : 27160000
Beneficiary GST No. : 07AABCN6808R1ZV	Acc. Rev. 3
PROJECT URI	IMS/COM/F01 Rev. No. : 00 Date : 27.06.08

NHPC Ltd, GINGLE P.O. MOHRA, DISTT. BARAMULLA (JK) PIN - 193 122 - GINGLE JK IN - INDIA
PROJECT GST No. : 01AAACN0149C3ZB

Date of Commercial Operation	COD	19970601	*	Normative Plant Availability Factor	NAPAF	70.000	%
Project age	P_AGE	19	year	Saleable Annual design energy	SLDE	2249.571667	MU
Annual DE	ADE	2587.380000	MU	Energy Charge Rate - AC-Normative	ECR_NOR	0.814	Rs/Kwh
Auxiliary Consumption-Normative	AC_NOR	1.200	%	Energy Charge Rate - AC-Actual	ECR_ACT	0.813	Rs/Kwh
Auxiliary Consumption-Actual	AC_ACT	1.100	%	Secondary Energy Charge Rate	SE_RATE1419	0.900	Rs/Kwh
Dr n Energy upto the month	DE	2587.380000	MU	Saleable Design Energy for the month	SLDEM	2249.571667	MU
Annual Fixed Charges Billed	AFC	366.109300	Cr	No of days for the month	NDM	365	Days
Saleable Annual design energy-AC-Actual	SLDE_ACT	2251.848562	MU	No of days in year	NDY	365	Days
Project Scheduled Energy prev year	PSCH_PY1	2730.941922	MU				
Project Scheduled Energy prev to prev y	PSCH_PY2	3187.533164	MU				
				Plant Availability Factor for the Month	PAFM	74.824	%
				Saleable Capacity Share	CS	3.387	%

(A) Power Station-wise Energy Calculation for FY 2017 - 2018 (Figures in Rs.)

Scheduled Energy	PSCH	2260.004763	MU	Project Energy Charges @ECR	PEC_DE_ECR	1609600709	Rs
Free Energy	PFP	282.608314	MU	Capacity Charges	PCC	1956697305	Rs
Saleable Energy	PSLE	1977.396449	MU	Misc. Charges	PMISC	2112000	Rs
Project Saleable Energy upto DE	PSLE_DE	1977.396449	MU	Project deferred tax materialized	PDTAX	389991948	Rs
Saleable Energy upto DE@ECR	PSLE_DE_ECR	1977.396449	MU	Water Usage Charges Apr - Sep	PWATER	821679547	Rs
				Water Usage Charges Oct - March	PWATER_2013	222116796	Rs
				RLDC Charges	PRLDC	2959120	Rs
				Total Charges	PTC	5005157425	Rs

(B) Beneficiary-wise Power Calculation in (MU)

Description		Upto Previous Bil	Upto Current Bill	Current Bill
Beneficiary Scheduled Energy	BSCH	76.551218	76.551218	0.000000
S ale Energy	BSLE	76.551218	76.551218	0.000000
Benif Saleable Energy @ECR	BSLE_DE_ECR	76.551218	76.551218	0.000000

(C) Bill Details for FY 2017 - 2018 (Figures in Rs.)

Description		Upto Previous Bil	Upto Current Bill	Current Bill
Benif Energy Charges upto DE @ECR	BEC_DE_ECR	62,312,691	62,312,691	0
Beneficiary Capacity Charges	BCC	75,310,611	75,310,611	0
Beneficiary Misc	BMISC	81,288	81,288	0
Beneficiary deferred tax materialized	BDTAX	15,010,258	15,010,258	0
Water Use Chrg (PWATER+PWATER_2013)*(BSC	BWATER	35,355,625	35,355,625	0
Benef RLDC Charges	BRLDC	100,225	100,225	0

Total Charges	188,170,698	188,170,698	0
Amount Due In This Bill			0



ARUNA DHIMAN



NHPC Ltd.
(A Schedule 'A' Enterprise of Govt. of India)
NHPC Office Complex, Sector 33, Faridabad - 121003

Address of Beneficiary		BILL FOR		FY 2018 - 2019	Acc Rev 1
DY CHIEF ENGINEER / ISB PUNJAB STATE POWER CORPORATION LTD. SHED NO.T- 1A, THERMAL DESIGNS, PSPCL PATIALA - PUNJAB		BILL TYPE		SUPPLEMENTARY	
		MONTH		201903	
		BILL NO		106B00120191000	
		BILL DATE		19-Jun-2019	
Beneficiary GST No. : 03AAFCP5120Q1ZC		HSN NO. :		27160000	
PROJECT	URI	IMS/COM/F01 Rev. No. : 00 Date : 27.06.08			

NHPC Ltd, GINGLE P.O. MOHRA, DISTT. BARAMULLA (JK) PIN - 193 122 - GINGLE JK IN - INDIA

PROJECT GST No. : 01AAACN0149C3ZB

Date of Commercial Operation	COD	19970601	*	Normative Plant Availability Factor	NAPAF	70.000	%
Project age	P_AGE	20	year	Saleable Annual design energy	SLDE	2249.571667	MU
Annual DE	ADE	2587.380000	MU	Energy Charge shortfall prev year	PEC_SF1	220945791	Rs
Auxilliary Consumption-Normative	AC_NOR	1.200	%	Energy Charge Rate - AC-Normative	ECR_NOR	0.830	Rs/Kwh
Auxilliary Consumption-Actual	AC_ACT	0.900	%	Energy Charge Rate - AC-Actual	ECR_ACT	0.827	Rs/Kwh
Design Energy upto the month	DE	2587.380000	MU	Secondary Energy Charge Rate	SE_RATE1419	0.900	Rs/Kwh
Annual Fixed Charges Billed	AFC	373.297000	Cr	Saleable Design Energy for the month	SLDEM	2249.571667	MU
Saleable Annual design energy-AC-Actual	SLDE_ACT	2256.402350	MU	No of days for the month	NDM	365	Days
Project Scheduled Energy prev year	PSCH_PY1	2260.004763	MU	No of days in year	NDY	365	Days
Project Scheduled Energy prev to prev y	PSCH_PY2	2730.941922	MU				
				Plant Availability Factor for the Month	PAFM	89.222	%
				Saleable Capacity Share	CS	13.750	%

(A) Power Station-wise Energy Calculation for FY 2018 - 2019 (Figures in Rs.)

Scheduled Energy	PSCH	2915.195740	MU	Project Energy Charges @ECR	PEC_DE_ECR	1867144484	Rs
Free Energy	PFP	361.880525	MU	Project Energy charges beyond DE	PEC_DE_PLUS	252107145	Rs
Saleable Energy	PSLE	2553.315215	MU	Capacity Charges	PCC	2379021781	Rs
Project Saleable Energy upto DE	PSLE_DE	2249.571667	MU	Misc. Charges	PMISC	2112000	Rs
Saleable Energy upto DE@ECR	PSLE_DE_ECR	2249.571667	MU	Water Usage Charges Apr - Sep	PWATER	815917639	Rs
Project saleable energy beyond DE	PSLE_DE_PLUS	303.743548	MU	RLDC Charges	PRLDC	3055932	Rs
				Total Charges	PTC	5319358981	Rs

(B) Beneficiary-wise Power Calculation in (MU)

Description		Upto Previous Bil	Upto Current Bill	Current Bill
Beneficiary Scheduled Energy	BSCH	400.839280	400.839280	0.000000
Saleable Energy	BSLE	400.839280	400.839280	0.000000
Ba Saleable Energy @ECR	BSLE_DE_ECR	353.155256	353.155256	0.000000
Beneficiary Saleable Energy beyond DE	BSLE_DE_PLUS	47.684024	47.684024	0.000000

(C) Bill Details for FY 2018 - 2019 (Figures in Rs.)

Description		Upto Previous Bil	Upto Current Bill	Current Bill
Benif Energy Charges upto DE @ECR	BEC_DE_ECR	290,293,620	293,118,862	2,825,242
Benif Energy charges beyond DE	BEC_DE_PLUS	39,196,268	39,577,740	381,472
Beneficiary Capacity Charges	BCC	368,359,699	371,722,153	3,362,454
Beneficiary Misc	BMISC	330,000	330,000	0
Water Use Chrg (PWATER+PWATER_2013)*(BSC	BWATER	112,188,638	112,188,638	0
Benef RLDC Charges	BRLDC	420,191	420,191	0
Gain on Actual Aux. Consumption	GAIN_ON_AC	-398,979	-402,862	-3,883

Total Charges	810,389,437	816,954,722	6,565,285
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[Signature]

ASJAY KUMAR SINGHAL
DM (FINANCE) - COMMERCIAL

ANNEX-V

URI POWER STATION - I
Details of Consumption of Spares for the period 2014-19

(Amount in Rs)

2014-15					
FY	Description of Item	Account Head	Date of Capitalization	Acquisition Value	Date of Put to Use
2014-15	CHEEK PLATE TOP COVER 3361/2	410714	28-03-14	1,168,336	28-03-15
2014-15	CHEEK PLATE BOTTOM COVER 3362/2	410714	28-03-14	1,135,906	28-03-15
2014-15	UPPER WEAR RING STATIONARY 1021/10/28/3361	410714	19-04-14	926,160	28-03-15
2014-15	LOWER WEAR RING STATIONARY 1021/10/18/2562	410714	19-04-14	1,041,930	28-03-15
2014-15	TUBE BUNDLE FOR HEAT EXCHANGER TYPE AEW 26-182 (1)	410714	18-07-14	2,878,959	30-03-15
2014-15	TUBE BUNDLE FOR HEAT EXCHANGER TYPE AEW 26-182 (1)	410714	18-07-14	2,878,959	30-03-15
2014-15	MR10614419 202103021020 UPPER WEAR RING ROTATING (DRW 2254/3)	410714	30-12-14	1,824,375	30-12-14
2014-15	MR10614419 .202103021021 BOTTOM WEAR RING ROTATING (DRW 2254/2)	410714	30-12-14	1,499,872	30-12-14
Total				13,354,497	

2015-16					
FY	Description of Item	Account Head	Date of Capitalization	Acquisition Value	Date of Put to Use
2015-16	CHEEK PLATE TOP COVER 3361/2	410714	28-03-14	1,168,336	18-03-16
2015-16	CHEEK PLATE BOTTOM COVER 3362/2	410714	28-03-14	1,135,906	18-03-16
2015-16	UPPER WEAR RING STATIONARY 1021/10/28/3361	410714	04-12-14	1,031,465	18-03-16
2015-16	LOWER WEAR RING STATIONARY 1021/10/18/2562	410714	04-12-14	1,203,376	18-03-16
2015-16	BOTTOM WEAR RING ROTATING (DRW 2254/2)	410714	16-12-14	1,824,375	31-12-15
2015-16	UPPER WEAR RING ROTATING (DRW 2254/3)	410714	16-12-14	1,499,872	31-12-15
Total				7,863,330	

2016-17					
FY	Description of Item	Account Head	Date of Capitalization	Acquisition Value	Date of Put to Use
2016-17	410714-UPPER WEAR RING STATIONARY 1021/10/28/3361 2021032157 dated 04.12.2014 Rs.10,31,465	410714	04.12.2014	1,031,465	30.11.2017
2016-17	410714-LOWER WEAR RING STATIONARY 1021/10/18/2562 2021035699 dated 04.12.2014 Rs.12,03,376	410714	04.12.2014	1,203,376	30.11.2017
2016-17	410714-CHEEK PLATE BOTTOM COVER 3362/2 2021036585 dated 28.03.2014 Rs.11,35,906	410714	28.03.2014	1,135,906	2016-17
2016-17	410714-CHEEK PLATE TOP COVER 3361/2 2021036586 dated 28.03.2014 Rs.11,68,336	410714	28.03.2014	1,168,336	2016-17
2016-17	410714-BOTTOM WEAR RING ROTATING (DRW 2254/2) 2021036581 dated 05.03.2016 Rs.5,68,431	410714	05.03.2016	568,431	2016-17
2016-17	410714-UPPER WEAR RING ROTATING (DRW 2254/3) 2021036582 dated 05.03.2016 Rs.5,40,501	410714	05.03.2016	540,501	2016-17
2016-17	410714-CHEEK PLATE BOTTOM COVER 3362/2 on the acquisition cost of 2021036585 dated 28.03.2014 Rs.11,35,906	410714	28.03.2014	1,135,906	2016-17
2016-17	410714-CHEEK PLATE TOP COVER 3361/2 2021036586 on the acquisition cost of dated 28.03.2014 Rs.11,68,336	410714	28.03.2014	1,168,336	2016-17
2016-17	410714-LOWER WEAR RING STATIONARY 1021/10/18/2562 2021036587 dated 04.12.2014 Rs.12,03,376	410714	04.12.2014	1,203,376	2016-17
2016-17	410714-UPPER WEAR RING STATIONARY 1021/10/28/3361 2021036588 dated 04.12.2014 Rs.10,31,465	410714	04.12.2014	1,031,465	2016-17
2016-17	410714-TUBE BUNDLE FOR HEAT EXCHANGER TYPE AEW 26-182 (1) 2021044011 dated 05.12.2015 Rs.30,24,580	410714	05.12.2015	3,024,580	2016-17
Total				13,211,678	

2017-18					
FY	Description of Item	Account Head	Date of Capitalization	Acquisition Value	Date of Put to Use
2017-18	410714-UPPER WEAR RING STATIONARY 1021/10/28/3361 2021036590 dated 15.02.2017 Rs.9,01,688	410714	15.02.2017	901,688	2017-18
2017-18	410714-UPPER WEAR RING STATIONARY 1021/10/28/3361 2021036591 Rs.9,01,688	410714	15.02.2017	901,688	2017-18
2017-18	410714-LOWER WEAR RING STATIONARY 1021/10/18/2562 2021036593 dated 15.02.2017 Rs.9,01,688	410714	15.02.2017	901,688	2017-18
2017-18	410714-LOWER WEAR RING STATIONARY 1021/10/18/2562 2021036594 dated 15.02.2017 Rs.9,01,688	410714	15.02.2017	901,688	2017-18
2017-18	THYRISTOR, MAKE ABB MODEL N540 1800 V	410714	17-05-12	76173	2017-18
2017-18	THYRISTOR, MAKE ABB MODEL N540 1800 V	410714	17-05-12	76173	2017-18
2017-18	THYRISTOR, MAKE ABB MODEL N540 1800 V	410714	17-05-12	76173	2017-18
2017-18	THYRISTOR, MAKE ABB MODEL N540 1800 V	410714	17-05-12	76173	2017-18
2017-18	THYRISTOR, MAKE ABB MODEL N540 1800 V	410714	17-05-12	76173	2017-18

242



2017-18	METAL POLYPROPYLENE CAPACITOR 1.5 MICROFARAD, +/-10%, 750 VAC	410714	17-05-12	25392	2017-18
2017-18	METAL POLYPROPYLENE CAPACITOR 1.5 MICROFARAD, +/-10%, 750 VAC	410714	17-05-12	25392	2017-18
2017-18	METAL POLYPROPYLENE CAPACITOR 1.5 MICROFARAD, +/-10%, 750 VAC	410714	17-05-12	25392	2017-18
2017-18	METAL POLYPROPYLENE CAPACITOR 1.5 MICROFARAD, +/-10%, 750 VAC	410714	17-05-12	25392	2017-18
2017-18	BATTERY BACK -UP MODULE DSSB 120	410714	20-12-13	1070971	2017-18
2017-18	COMBINED OVER CURRENT & EARTH FAULT RELAY FOR 11KV SYSTEM, MAKE/MODEL: SIEMENS/7SR10	410714	26-05-16	21185	2017-18
2017-18	COMBINED OVER CURRENT & EARTH FAULT RELAY FOR 11KV SYSTEM, MAKE/MODEL: SIEMENS/7SR10	410714	26-05-16	21185	2017-18
2017-18	COMBINED OVER CURRENT & EARTH FAULT RELAY FOR 11KV SYSTEM, MAKE/MODEL: SIEMENS/7SR10	410714	26-05-16	21185	2017-18
2017-18	COMBINED OVER CURRENT & EARTH FAULT RELAY FOR 11KV SYSTEM, MAKE/MODEL: SIEMENS/7SR10	410714	26-05-16	21185	2017-18
2017-18	COMBINED OVER CURRENT & EARTH FAULT RELAY FOR 11KV SYSTEM, MAKE/MODEL: SIEMENS/7SR10	410714	26-05-16	21185	2017-18
2017-18	COMBINED OVER CURRENT & EARTH FAULT RELAY FOR 11KV SYSTEM, MAKE/MODEL: SIEMENS/7SR10	410714	26-05-16	21185	2017-18
2017-18	COMBINED OVER CURRENT & EARTH FAULT RELAY FOR 11KV SYSTEM, MAKE/MODEL: SIEMENS/7SR10	410714	26-05-16	21185	2017-18
2017-18	COMBINED OVER CURRENT & EARTH FAULT RELAY FOR 11KV SYSTEM, MAKE/MODEL: SIEMENS/7SR10	410714	26-05-16	21185	2017-18
2017-18	COMBINED OVER CURRENT & EARTH FAULT RELAY FOR 11KV SYSTEM, MAKE/MODEL: SIEMENS/7SR10	410714	26-05-16	21185	2017-18
2017-18	UPPER WEAR RING STATIONARY 1021/10/28/3361	410714	15-02-17	901688	2017-18
2017-18	LOWER WEAR RING STATIONARY 1021/10/18/2562	410714	15-02-17	901688	2017-18
Total				7,175,382	

2018-19

FY	Description of Item	Account Head	Date of Capitalization	Acquisition Value	Date of Put to Use
2018-19	LOWER WEAR RING STATIONARY 1021/10/18/2562 ID 2021036594	410714	15-02-17	901,688	2018-19
2018-19	UPPER WEAR RING STATIONARY 1021/10/28/3361 ID 2021036591	410714	15-02-17	901,688	2018-19
2018-19	VERTICAL PUMP, DISCHARGE 217 L/S, HEAD 25 TO 30 M, MOTOR 90 KW.-MAKE-XYLEM, GLC 250-250-375, 90 KW	410714	18-01-19	1,450,400	2018-19
2018-19	TGB OIL COOLER, HEIGHT 265MM, FLANGE DIA. 200MM, NO OF TUBES 8NO. FOR URI PS ID 2021036615	410714	15-01-18	248,187	2018-19
2018-19	TGB OIL COOLER, HEIGHT 265MM, FLANGE DIA. 200MM, NO OF TUBES 8NO. FOR URI PS ID 2021036613	410714	15-01-18	248,187	2018-19
2018-19	TGB OIL COOLER, HEIGHT 265MM, FLANGE DIA. 200MM, NO OF TUBES 8NO. FOR URI PS ID 2021036612	410714	15-01-18	248,187	2018-19
2018-19	TGB OIL COOLER, HEIGHT 265MM, FLANGE DIA. 200MM, NO OF TUBES 8NO. FOR URI PS ID 2021036614	410714	15-01-18	248,187	2018-19
Total				4,246,524	



ANNEX-VI

ARORA VOHRA & CO.

Chartered Accountants

**Shop No. 18, Narotam Nagar Market,****Email: arorask_ca@gmail.com****Khanna-141401 (District Ludhiana)****Mobile: +91 94170 27464****Punjab**

Independent Auditors' Certificate

NHPC Limited

NHPC Office Complex,

Sector-33

Faridabad-121003

Haryana

Re: Auditors Certificate with respect to impact of Goods and services Tax(GST) due to change in Law for the period 8th July 2017 to 31st March 2018 and from 1st April 2018 to 31st December 2018 in respect of URI-1 Power Station.

Introduction

1. This certificate is issued in accordance with the terms of our engagement letter dated 12th February, 2019.
2. We, Arora Vohra & Co., Chartered Accountants (Firm's ICAI Registration No.009487N), the Joint statutory auditors ("the auditor") of NHPC Limited ("the Company"), having its registered office at NHPC Office Complex, Sector-33, Faridabad-121003, Haryana have been requested by the Company to provide the Certificate for "Impact of Goods and services Tax (GST) for the period 8th July 2017 to 31st March 2018 and from 1st April 2018 to 31st December 2018" ("the Statement") In respect of URI-1 Power Station for submission to Central Electricity Regulatory Commission to allow the pass through of the impact due to change in domestic duties under change in law through tariff to the beneficiaries.

Management's Responsibility

3. The Statement (referred to as Annexure – A and Annexure -B), is solely the responsibility of the Management of the Company. The said statement has been compiled from the books and records of the Company and the Company's Management is responsible for the designing, implementing and maintaining internal control relevant for the preparation of the books of account and the financial statements of the company, the accuracy and completeness of the accounting records, timely preparation of reliable information as required under Companies Act, 2013 and compilation of the said statement there from and applying an appropriate basis for preparation of the same.
4. The management is also responsible for complying with the provisions of GST as well as rules, regulations and directives under Electricity Act 2003.



H.O.: Chaitanya Complex; Prem Bhawan, Residency Road; Jammu-180001 (Jammu & Kashmir)

JAMMU | LUDHIANA | KHANNA |

62 244

ARORA VOHRA & CO.

Chartered Accountants



Shop No. 18, Narotam Nagar Market,

Email: arorask_ca@gmail.com

Khanna-141401 (District Ludhiana)

Mobile: +91 94170 27464

Punjab

Auditor's Responsibility

5. It is our responsibility to certify the Statement based on our examination of the matters in the Statement with reference to the books of account and other relevant records of the Company for the period 8th July 2017 to 31st March 2018 and for the period 1st April 2018 to 31st December 2018.
6. The unaudited financial results for the quarter ended 30th September 2018 and 31st December 2018 were reviewed by us pursuant to the requirements of Regulation 33 of the Securities and Exchange Board of India (Listing Obligations and Disclosure Requirement) Regulations, 2015 ('the SEBI Regulations'). The Limited review of the financial results was conducted in accordance with the recognition and measurement principles laid down in the Indian Accounting Standard 34 "Interim Financial Reporting" ("Ind AS 34") prescribed under Section 133 of the Companies Act, 2013 read with relevant rules issued there under and other accounting principles generally accepted in India.
7. We have conducted examination of the Statement in accordance with the Guidance Note on Audit Reports and Certificates for Special Purposes, Issued by the Institute of Chartered Accountants of India. The Guidance Note requires that we comply with the ethical requirements of the Code of Ethics issued by the Institute of Chartered Accountants of India.
8. We have complied with the relevant applicable requirements of the Standard on Quality Control (SQC) 1, Quality Control for Firms that perform Audits and Review Historical Financial Information, and Other Assurance and Related Services Engagements.

Conclusion

9. Based on the procedures performed, evidence obtained and our examination of the financial statement/ results, as above, and the information and explanations given to us, we certify that the enclosed Statement (referred to as Annexure – A and Annexure -B), showing the amount of impact on applicability of GST is in agreement with the books of account and other relevant records of the Company as produced to us for the purpose of our examination.

Restriction on use

10. Our work was performed solely to assist you in meeting your responsibilities for the purpose of "passing of impact of GST for changes in law to the beneficiaries" as referred to in Para 2 above. Our obligation in respect of this certificate are entirely separate from, and our responsibility and liability is in no way changed by any other role we may have (or may have had) as auditors of the Company or otherwise. Nothing in this report, nor anything said or done in the course of or in connection with the services that are the subject of this certificate, will extend any duty of care we may have in our capacity as auditors of the Company.



H.O.: Chaitanya Complex; Prem Bhawan, Residency Road; Jammu-180001 (Jammu & Kashmir)

JAMMU | LUDHIANA | KHANNA |



245

ARORA VOHRA & CO.

Chartered Accountants



Shop No. 18, Narotam Nagar Market,

Email: arorask_ca@gmail.com

Khanna-141401 (District Ludhiana)

Mobile: +91 94170 27464

Punjab

- 11: This Certificate has been issued at the request of the Management of the Company for the purpose of "passing of impact for changes in law to the beneficiaries" as referred to in Para 2 above. This Certificate should therefore not to be used for any other purpose or by any person other than the addressees of this certificate. Accordingly, we do not accept or assume any liability or duty of care for any other purpose or to any other person to whom this certificate is shown or into whose hands it may come save where expressly agreed by our prior consent in writing.

For Arora Vohra & Co.

Chartered Accountants



Partner

Membership No:085036

Place: Khanna

Date: 16.03.2019

UDIN: **19085036AAAAAB1879**

Note: The authenticity of this certificate can be verified by visiting at <https://udin.ica.org/search-udin> with UDIN mentioned above.



H.O.: Chaitanya Complex; Prem Bhawan, Residency Road; Jammu-180001 (Jammu & Kashmir)

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64 246

Summary of Additional Impact on account of GST

Name of Power Station : URB-I Power Station

Annexure-8

(Amount in Rs.)

S.No.	Particulars	2018-19 (upto Dec-18)	Remarks
	Additional GST Impact on Security Services		
	GST (including RCM and Other)	34,723,192	RCM on Security Services provided by GSF
	Other than GST		
	Additional GST Impact on work awarded in Pre-GST Period but executed in Post GST period forming part of O&M Exp.		
	R & M Manpower Work	596,652	
	Other Work		
	Additional GST Impact on Supply awarded in Pre-GST Period but executed in Post GST period forming part of O&M Exp.		
	Additional Impact of GST on Work awarded & Execution in post GST Period vis-à-vis in case work would have been awarded in pre-GST Period		
	R & M Manpower Work	2,722,421	
	Other Work	450,816	
	Additional Impact of GST on Supply awarded & Execution in post GST Period vis-à-vis in case work would have been awarded in pre-GST Period	370,650	
	Additional GST Impact on RO/CO Management Exp. if any	5,966,022	GST on allocation from RO/CO
	Additional GST Impact on Other services like Insurance, Satellite Communication Expenses, Legal Expenses and Advertisement Tenders etc.	3,582,227	
	Total	41,032,533	

As per our separate report of
-enclosure attached



16/03/2019

(HOF)

(HOP)

UPIN: 19085036 AAAAA B1879

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ARORA VOHRA & CO.

Chartered Accountants



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Independent Auditors' Certificate

NHPC Limited
NHPC Office Complex,
Sector-33
Faridabad-121003
Haryana

Re: Auditors Certificate with respect to impact of Goods and services Tax (GST) due to change in Law from 1st January 2019 to 31st March 2019 in respect of URI-I Power Station.

Introduction

1. This certificate is issued in accordance with the terms of our engagement letter dated 18th June, 2019.
2. We, Arora Vohra & Co., Chartered Accountants (Firm's ICAI Registration No.009487N), the Joint statutory auditors ("the auditor") of NHPC Limited ("the Company"), having its registered office at NHPC Office Complex, Sector-33, Faridabad-121003, Haryana have been requested by the Company to provide the Certificate for "Impact of Goods and services Tax (GST) for the period from 1st January 2019 to 31st March 2019 ("the Statement") in respect of URI-I Power Station for submission to Central Electricity Regulatory Commission to allow the pass through of the impact due to change in domestic duties under change in law through tariff to the beneficiaries.

Management's Responsibility

3. The Statement (referred to as Annexure - A), is solely the responsibility of the Management of the Company. The said statement has been compiled from the books and records of the Company and the Company's Management is responsible for the designing, implementing and maintaining internal control relevant for the preparation of the books of account and the financial statements of the company, the accuracy and completeness of the accounting records, timely preparation of reliable information as required under Companies Act, 2013 and compilation of the said statement therefrom and applying an appropriate basis for preparation of the same.
4. The management is also responsible for complying with the provisions of GST as well as rules, regulations and directives under Electricity Act 2003.

Auditor's Responsibility

5. It is our responsibility to certify the Statement based on our examination of the matters in the Statement with reference to the books of account and other relevant records of the Company for the period 1st January 2019 to 31st March 2019.
6. The financial results for the year 31st March 2019 were audited in accordance with the Standards on Auditing specified under Section 143(10) of the Act. Those Standards require that we comply with ethical requirements and plan and perform the audit to obtain reasonable assurance about whether the standalone IndAS financial statements are free from material misstatement.
7. We have conducted examination of the Statement in accordance with the Guidance Note on Audit Reports and Certificates for Special Purposes, issued by the Institute of Chartered Accountants of India. The Guidance Note



ARORA VOHRA & CO.

Chartered Accountants



Chaitnya Complex, Prem Bhawan,

Email: aroravohraca@gmail.com

Residency Road, Jammu

Mobile: +91 9417027464

J & K

requires that we comply with the ethical requirements of the Code of Ethics issued by the Institute of Chartered Accountants of India.

8. We have complied with the relevant applicable requirements of the Standard on Quality Control (SQC) 1, Quality Control for Firms that perform Audits and Review Historical Financial Information, and Other Assurance and Related Services Engagements.

Conclusion

9. Based on the procedures performed, evidence obtained and our examination of the financial statement/ results, as above, and the information and explanations given to us, we certify that the enclosed Statement (referred to as Annexure - 4), showing the amount of impact on applicability of GST is in agreement with the books of account and other relevant records of the Company as produced to us for the purpose of our examination.

Restriction on use

10. Our work was performed solely to assist you in meeting your responsibilities for the purpose of "passing of impact of GST for changes in law to the beneficiaries" as referred to in Para 2 above. Our obligation in respect of this certificate are entirely separate from, and our responsibility and liability is in no way changed by any other role we may have (or may have had) as auditors of the Company or otherwise. Nothing in this report, nor anything said or done in the course of or in connection with the services that are the subject of this certificate, will extend any duty of care we may have in our capacity as auditors of the Company.
11. This Certificate has been issued at the request of the Management of the Company for the purpose of "passing of impact for changes in law to the beneficiaries" as referred to in Para 2 above. This Certificate should therefore not be used for any other purpose or by any person other than the addressees of this certificate. Accordingly, we do not accept or assume any liability or duty of care for any other purpose or to any other person to whom this certificate is shown or into whose hands it may come save where expressly agreed by our prior consent in writing.

For Arora Vohra & Co.
Chartered Accountants



Membership No: 085036

Place: Jammu (camp)

Date: 29th June, 2019

UDIN: 19085036AAAAAO1016

Note: The authenticity of this certificate can be verified by visiting at <https://udin.icai.org/search-udin> with UDIN mentioned above.

Summary of Additional Impact on account of GST

Name of Power Station : URI-I Power Station

Annexure-C
(Amount in Rs.)

S.no	Particulars	2018-19 (01.01.2019 to 31.03.2019))	Remarks
1	Additional GST Impact on Security Services		
	-CISF (Including RCM and Other)	1,41,87,635	RCM on Security Services provided by CISF
	-Other than CISF		
2	Additional GST Impact on work awarded in Pre-GST Period but executed in Post GST period forming part of O&M Exp		
	- R & M/ Manpower Work		
	-Other Work		
3	Additional GST Impact on Supply awarded in Pre GST Period but executed in Post GST period forming part of O&M Exp	78,781	
4	Additional Impact of GST on Work awarded & Execution in post GST Period vis-à-vis In case work would have been awarded in pre GST Period		
	- R & M/ Manpower Work	-15,90,427	
	-Other Work	1,71,580	Hiring of Vehicle
5	Additional Impact of GST on Supply awarded & Execution in post GST Period vis-à-vis in case work would have been awarded in pre GST Period	10,305	
6	Additional GST Impact on RO/CO Management Exps. If any	22,26,109	GST allocation from RO/CO
7	Additional GST Impact on Other services like Insurance, Satellite Communication Expenses, Legal Expenses and Training Exp etc.	12,58,067	
	Total	1,63,42,050	

Note: The additional impact on supplies are based on the assumption that in Pre-GST regime applicable tax rates and levies on inter state supply in the state of Jammu & Kashmir was 29% (12.5% Central Excise + 14.5 % Entry Tax and 2% CST) and on intra-state supplies the applicable rate was 27% (12.5% Central Excise and 14.5% J & K VAT).



[Signature]
(HOF)

[Signature]
29.6.19
(HOP)

Page - 3 of 3 .



ANNEX-VII

H U M S & ASSOCIATES
CHARTERED ACCOUNTANTS

307, Surya Complex
21, Veer Savarkar Block
Shakarpur, Delhi-110092
Tel: +91-9891251431
Mail: Joshi280@gmail.com

TO WHOMSOEVER IT MAY CONCERN

In terms of requirement of Regulation 25 of CERC Notification No.L-1/144/2013/CERC dated 21st February, 2014, read with Notification No.L-1/144/2013/CERC dated 5th November, 2015, 'Effective Tax Rate' for the Financial Year 2014-15 is 21.76% as per Annual Income Tax Return (Original) filed on 09.11.2015.

This Certificate is issued at the request of NHPC Limited and is based upon the audited books of accounts, income tax return filed, records and explanations provided to us.

Place: New Delhi.
Date: 18.12.2015

For HUMS & Associates
Chartered Accountants
FRN- 022230N



[Signature]
Partner
M.No. 505140



(Amount in rupees)

Calculation of Effective Tax Rate for the FY 2014-15 as per Original Return Filed on 09.11.2015

	Description	TOTAL	Total of O&M Projects	Corp Offices and others
	Profit Before Tax (PBT)	28,261,704,421	22,439,574,070	5,822,130,351
Add:	Provision for Project Expenses	511,541,213	43,345,046	468,196,167
	Disallowance of Provisions			0
	Provision for bad and doubtful claims and advances	358,935,014	91,917,068	267,017,946
	Provision for fixed assets provided for	253,509,697	253,225,778	283,919
	Diminution in value of assets and spares	3,821,506	3,821,506	0
	Provision for Others	(52,877)	123,328	(176,205)
	Interest to beneficiary states	205,119,790	205,119,790	0
	Disallowance u/s 40a(ia) - Intt on Delay Deposit of TDS	3,619,935	1,891,147	1,728,788
	Sub Total (A)	29,598,198,699	23,039,017,733	6,559,180,966
Less:	Tax Free bond /LTA Income	428,751,009	0	428,751,009
	Tax free Dividend income	615,608,200	0	615,608,200
	Provision for obsolete stores and spares used	133,706	133,706	0
	Provision for obsolete stores and spares reversed	5,940,621	5,940,621	0
	Provision for doubtful advances used/reversed	1,475,658	1,475,658	0
	Provision for other used reversed	708,380,059	0	708,380,059
	Sub Total (B)	1,760,289,253	7,549,985	1,752,739,268
	1. Book Profit for MAT (A-B)	27,837,909,446	23,031,467,748	4,806,441,698
	2. (i) Tax	5,834,965,009	4,827,510,797	1,007,454,212
	(ii) Interest	65,714,469	54,368,331	11,346,138
	3. Total Tax Paid	5,900,679,478	4,881,879,128	1,018,800,350
	4. Effective Tax Rate (3/PBT)	-	21.76%	-



252

To

NHPC Limited
Sector 33 Faridabad
Haryana

Certificate in respect of "Effective Tax Rate for the financial year 2015-16 as per CERC Regulations"

1. Based on our examination and in terms of Regulation 25 of CERC Notification No.L-1/144/2013/CERC dated 21st February, 2014, read with Notification No.L-1/144/2013/CERC dated 5th November, 2015, 'Revised Effective Tax Rate' for the Financial Year 2015-16 is 21.948% as per assessment made under section 143(3) of Income Tax Act, 1961. The effective tax rate as earlier intimated and as per Audited Financial Statements was 21.90%.
2. This certificate has been prepared at the request of the Company solely with reference to the Circular, as amended from time to time.

For N M N & Associates
Chartered Accounts
FRN 024341N

Nisha



(Nisha)
Partner
M.No.507212

Place: New Delhi
Dated: 11th June 2018



253

	As Per Assessment	As Per Assessment	As Per Assessment
Net Profit as per Profit & Loss account	71,95,67,25,13,8	71,95,67,25,13,8	71,95,67,25,13,8
Add:			
Disallowance of Provisions			0
Provision for Project Expenses	3,59,68,74,022		3,59,68,74,022
Provision for bad and doubtful claims and advances	23,64,96,537	23,64,96,537	23,64,96,537
Provision for doubtful debts created	52,94,486	26,06,106	26,88,300
Provision for fixed assets provided for	6,29,30,554	4,65,45,516	1,63,05,038
Diminution in value of assets and spares	60,26,809	64,88,447	4,37,362
Provision for Others	10,36,095	5,50,988	4,85,109
Interest to beneficiary states	27,58,01,282	27,58,01,282	0
Total Addition	4,18,53,59,785	36,57,06,756	3,81,96,53,029
Total	36,15,20,84,823	29,53,22,05,328	6,61,98,79,495
Less:			
Deductions			
Tax Free bond /LTA Income	19,04,28,520	0	19,04,28,520
Tax free Dividend income	1,20,92,55,600	0	1,20,92,55,600
Provision for obsolete stores and spares used	2,07,87,893	2,07,87,893	0
Provision for obsolete stores and spares reversed	30,24,922	30,24,922	0
Provision for doubtful claims used/reversed	1,14,44,131	1,14,44,131	0
Provision for doubtful advances used/reversed	47,42,619	26,34,000	21,08,619
Provision for Project Expenses used / reversed	31,28,31,243	0	31,28,31,243
Interest to beneficiary states used/reversed	6,75,58,662	6,75,58,662	0
	1,82,00,73,690	10,54,49,608	1,71,46,23,982
			0
Book Profit for MAT	34,33,20,11,233	29,42,67,55,720	4,90,52,65,513
Tax 21.3416 MAT	7,32,70,00,509	6,28,01,40,499	1,04,68,60,011
Interest u/s 234B	1,72,81,100	1,48,12,028	24,69,072
Interest u/s 234C	7,85,84,778	6,73,66,819	1,12,27,959
Total Before Demand	7,42,28,66,387	6,36,23,09,346	1,06,05,57,041
Demand Payment	33,02,08,380	3,35,60,140	29,66,48,240
Intt. On Demand	5,36,72,398	54,64,898	4,82,17,498
Total Interest	38,38,80,776	3,90,15,039	34,48,65,738
Total	7,80,67,47,163	6,40,13,24,385	1,40,54,22,779
Revised Effective Tax Rate		21.948%	
Already Intimated vide certificate dated 03.08.2016		21.90%	



17
254



HUMS & ASSOCIATES

Chartered Accountants

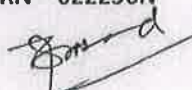
TO WHOMSOEVER IT MAY CONCERN

In terms of Regulation 25 of CERC Notification No.L-1/144/2013/CERC dated 21st February, 2014, read with Notification No.L-1/144/2013/CERC dated 5th November, 2015, 'Effective Tax Rate' for the Financial Year 2016-17 is 21.328% as per Audited Annual Accounts for the year ending on 31.03.2017.

This Certificate is issued at the request of NHPC Limited (formerly known as 'National Hydroelectric Power Corporation Limited') and is based upon the books of accounts, records and explanations provided.

For HUMS & Associates
Chartered Accountants
FRN – 022230N




(CA H.P. Joshi)
Partner
M.N. 505140

Place: New Delhi
Date: 02.06.2017



255

NHPC Limited

COMPUTATION OF TAXABLE INCOME FOR THE YEAR ENDED 31.03.2017

	Description	Total	Total of O &M	Corp Offices and others
	NET PROFIT AS PER STATEMENT OF PROFIT AND LOSS	34,746,089,925	29,977,824,138	4,768,265,787
Add:	Bad and doubtful debts provided	195,713,260	179,583,460	16,129,800
	Bad and doubtful claims provided	216,418,111	3,306,130	213,111,981
	Doubtful Interest Provided for	197,891,892	-	197,891,892
	Diminution in value of stores and spares	5,081,810	4,835,376	246,434
	Project expenses provided for	413,435,117	-	413,435,117
	Provision for fixed assets/ stores provided for	27,238,866	14,659,977	12,578,889
	Others	(720)	(720)	-
	C.O./Regional Office/PID Expenses	155,198	147,191	8,007
	Lease Adjustment (1/5 of opening Reserves FY 2014-15&2015-16)	256,224,620	256,224,620	-
	OCI - Adjustment			
	Remeasurements of the defined benefit plans	(557,832,173)	(132,496,553)	(425,335,620)
	Opening - Retention Money & Prov. For Committed Capital Expenditure	57,307,298	-	57,307,298
	Sub Total	35,557,723,204	30,304,083,619	5,253,639,585
Less:	Dividend	2,074,936,800	-	2,074,936,800
	Tax Free interest of Bonds and Loans and Advances	5,389,000	-	5,389,000
	Diminution in value of stores and spares	17,494,638	17,361,333	133,305
	Provision for doubtful claims	1,000,000	1,000,000	-
	Bad & Doubtful Interest accrued	24,613,932	-	24,613,932
	Interest to beneficiary states used/reversed	327,185,415	327,185,415	-
	Sub Total	2,450,619,785	345,546,748	2,105,073,037
	Book Profit for MAT	33,107,103,419	29,958,536,871	3,148,566,548
	MAT @ 21.3416%	7,065,585,583	6,393,631,105	671,954,478
	Effective Rate of Tax (in %)		21.328	





To

NHPC Limited
Sector 33 Faridabad
Haryana

Certificate in respect of "Effective Tax Rate for the financial year 2017-18 as per CERC Regulations"

1. Based on our examination and In terms of Regulation 25 of CERC Notification No.L-1/144/2013/CERC dated 21st February, 2014, read with Notification No.L-1/144/2013/CERC dated 5th November, 2015, 'Effective Tax Rate' for the Financial Year 2017-18 is 21.851% as per Annual Audited Financial Statements for the year ending on 31.03.2018 of NHPC Limited (the Company).
2. This certificate has been prepared at the request of the Company solely with reference to the Circular, as amended from time to time.

For N M N & Associates
Chartered Accounts
FRN 024341N

Nisha



(Nisha)
Partner
M.No.507212

Place: New Delhi
Dated: 11th June 2018



257

COMPARISON OF FINANCIAL STATEMENTS OF NHPC LIMITED FOR THE YEAR 2015-16

Sl. No.	Description	Total	Total of O & M	Corp Offices and others
	PROFIT BEFORE TAX	35,28,22,26,161	27,94,48,05,307	7,33,74,20,854
Add:	Provisions			
	Bad and doubtful debts provided	1,92,61,000	-	1,92,61,000
	Bad and doubtful claims provided	1,93,29,919	1,93,29,919	-
	Diminution in value of stores and spares	27,69,748	27,69,748	-
	Project expenses provided for	26,26,65,864	6,75,01,149	19,51,64,715
	Provision for fixed assets/ stores provided for	31,27,045	31,22,460	4,585
	Provision for Interest to Beneficiary	16,45,47,963	16,45,47,963	-
	Provision for Interest against court/arbitration award	2,78,95,596	2,78,95,596	-
	Others	1,53,158	1,53,158	-
	C.O./Regional Office/PIO Expenses	36,220	36,138	82
	Opening Lease Adjustment (1/5 of opening Reserves FY 2014-15 & 2015-16)	25,62,24,620	25,62,24,620	-
	OCI - Adjustment			
	Remeasurements of the defined benefit plans	21,10,51,291	16,03,15,598	5,07,35,693
	Opening - Retiree Money & Prov. For Committed Capital Expenditure	5,73,07,298	-	5,73,07,298
	Total of Addition	1,02,43,69,722	70,18,96,349	32,24,73,373
	Total	36,30,65,95,883	28,64,67,01,656	7,65,98,94,227
Less:	Exempt and Tax Free Income			
	Dividend	6,32,11,73,400	-	6,32,11,73,400
Less:	Provisions utilised/Reversed during the period			
	Diminution in value of stores and spares	1,31,45,004	1,31,45,004	-
	Bad and doubtful debts	18,61,82,138	-	18,61,82,138
	Provision for doubtful claims	2,20,43,313	2,20,43,313	-
	Total of Deduction	6,54,25,43,855	3,51,88,317	6,50,73,55,538
	Book Profit	29,76,40,52,028	28,61,15,13,339	1,15,25,38,689
	MAT @ 21.3416%	6,35,21,24,928	6,10,61,54,731	24,59,70,197
	Add: Interest u/s 234			
	Total Tax Including Interest	6,35,21,24,928	6,10,61,54,731	24,59,70,197
	Effective Rate of Tax		21.851%	



258

21

KUMAR KASERA & COMPANY

CHARTERED ACCOUNTANT

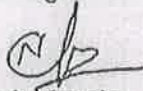
Certificate No. :- 001/Jun/2019-20

TO WHOMSOEVER IT MAY CONCERN

In terms of Regulation 25 of CERC Notification No.L-1/144/2013/CERC dated 21st February, 2014, read with Notification No.L-1/144/2013/CERC dated 5th November, 2015, 'Effective Tax Rate' for the Financial Year 2018-19 is 22.157% as per Audited Annual Accounts for the year ending on 31.03.2019.

This Certificate is issued at the request of NHPC Limited (formerly known as 'National Hydroelectric Power Corporation Limited') and is based upon the books of accounts, records and explanations provided.

For Kumar Kasera & Company
Chartered Accountants
Firm Reg No. 019401C


Nitesh Murarka
Partner

M.No. 531934

UDIN- 19531934AAAAAK5987



Date:- June 17, 2019
Place:- New Delhi



259

H.O. :- 235, UGF, Anarkali Complex, Jhandewalan Extension, New Delhi- 110055
E-Mail: Murarkanitesh@yahoo.com, Mobile No. : 7827480102

ANNEX-VIII



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. 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	Bairasiui	180	Yet to be filed	7,92,000	SBIN814118294516
Total filing fee to be paid for FY 2014-15				2,18,29,280	



260



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,

A.K. Pandey
29/4/14

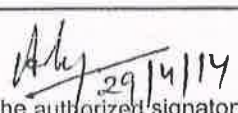
(A. K. Pandey)

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

o/c.



Form-I

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 <u>Uri - I Power</u> <u>Station</u> for the period 01.04.2014 to 31.03.2019.
4	Petition No., if any	
5	Details of generation assets	
(a)	generating station/units	Uri / 4 units
(b)	Capacity in MW	480 MW (4 x 120 MW)
(c)	Date of commercial operation	01.06.1997
(d)	Period for which fee paid	01.04.2014 to 31.03.2015
(e)	Amount of fee paid	₹ 21,12,000 /-
(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.	SBIN814118286627
(b)	Date of remittance	28.04.2014
(c)	Amount remitted	₹ 21,12,000 /-
<p>Note : While Sl. Nos. 1 to 3 and 16 are compulsory, the rest may be filled up as applicable.</p> <p style="text-align: center;">  Signature of the authorized signatory with date </p>		



एनएचपीसी लिमिटेड
(भारत सरकार का उद्यम)

NHPC Limited
(A Government of India Enterprise)

फोन/Phone :

दिनांक/Date : 28.04.2015

संदर्भ सं./Ref. No. NH/Comm/Tariff/315/2015/454

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

Sub.: Payment of yearly installment of filing fees for tariff petitions of 18 power stations of NHPC Limited for the tariff period 2014-19-Regg.

Sir,

We have filled tariff petitions for our 17 projects and filing of tariff petition for Parbati-III project is in process. The requisite filing fee for the financial year 2015-16 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 2015-16	UTR No.
1	Parbati-III	520	Yet to be filed	22,88,000	SBIN215117557088
2	Uri-II	240	250/GT/2014	10,56,000	SBIN215117557124
3	Nimoo Bazgo	45	229/GT/2014	1,98,000	SBIN215117557415
4	TLDP-III	132	248/GT/2014	5,80,800	SBIN215117557164
5	Chutak	44	252/GT/2014	1,93,600	SBIN215117557414
6	Chamera-III	231	249/GT/2014	10,16,400	SBIN215117557121
7	Sewa-II	120	251/GT/2014	5,28,000	SBIN215117557411
8	Teesta-V	510	234/GT/2014	22,44,000	SBIN215117557161
9	Dulhasti	390	231/GT/2014	17,16,000	SBIN215117557435
10	Dhauliganga	280	230/GT/2014	12,32,000	SBIN215117557131
11	Chamera-II	300	233/GT/2014	13,20,000	SBIN215117557420
12	Rangit	60	232/GT/2014	2,64,000	SBIN215117557440
13	Uri-I	480	238/GT/2014	21,12,000	SBIN215117557463
14	Chamera-I	540	237/GT/2014	23,76,000	SBIN215117557111
15	Tanakpur	94.2	226/GT/2014	4,14,480	SBIN215117557035
16	Salal	690	236/GT/2014	30,36,000	SBIN215117557156
17	Loktak	105	228/GT/2014	4,62,000	SBIN215117557416
18	Bairasiul	180	235/GT/2014	7,92,000	SBIN215117557099
Total filing fee to be paid for FY 2015-16				2,18,29,280	

263

Contd.2

पंजीकृत कार्यालय : एन एच पी सी ऑफिस कॉम्प्लेक्स, सेक्टर-33, फरीदाबाद – 121003, हरियाणा

Regd. Office : NHPC Office Complex, Sector-33, Faridabad - 121 003, Haryana

CIN : L40101HR1975GOI032564; Website : www.nhpcindia.com; E-mail :

webmaster@nhpc.nic.in; Fax : 0129-2277941; EPABX No. : 0129-2588110/2588500





357

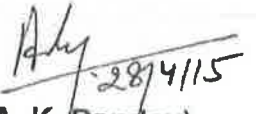
Continuation Sheet No.2.....

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

Encl.: Form-I (18 sheets).

Thanking you,

Yours sincerely,

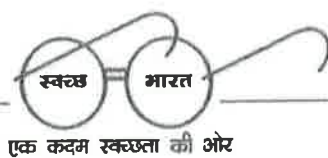

(A. K. Pandey)

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 2015-16) of filing fee for Tariff Petition regarding approval of generation tariff of <u>Uri - I Power</u> <u>Station</u> for the period 01.04.2014 to 31.03.2019.
4	Petition No., if any	238/GT/2014
5	Details of generation assets	
(a)	generating station/units	Uri / 4 units
(b)	Capacity in MW	480 MW (4 x 120 MW)
(c)	Date of commercial operation	01.06.1997
(d)	Period for which fee paid	01.04.2015 to 31.03.2016
(e)	Amount of fee paid	₹ 21,12,000 /-
(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.	SBIN215117557463
(b)	Date of remittance	27.04.2014
(c)	Amount remitted	₹ 21,12,000 /-
<p>Note : While Sl. Nos. 1 to 3 and 16 are compulsory, the rest may be filled up as applicable.</p> <p><i>Ady</i></p> <p>Signature of the authorized signatory with date</p>		



53

एनएचपीसी लिमिटेड
(भारत सरकार का उद्यम)

NHPC Limited

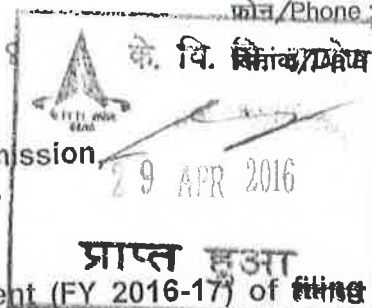
(A Government of India Enterprise)

संदर्भ सं./Ref. No. NH/Comm/Tariff/315/2016/1048

फोन/Phone :

29.04.2016

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



Sub.: Payment of yearly installment (FY 2016-17) of filing fees in respect of tariff petitions of 18 power stations of NHPC Limited-Regg.

Sir,

We have already filled tariff petitions for our 17 power stations and filing of tariff petition for Parbati-III power station for the period 2014-19 is in process. The requisite filing fee for the financial year 2016-17 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 2016-17	UTR No.
1	Parbati-III	520	Yet to be filed	22,88,000	SBIN316119888222
2	Uri-II	240	250/GT/2014	10,56,000	SBIN316119888095
3	Nimoo Bazgo	45	229/GT/2014	1,98,000	SBIN316119888194
4	TLDP-III	132	248/GT/2014	5,80,800	SBIN316119888257
5	Chutak	44	252/GT/2014	1,93,600	SBIN316119888147
6	Chamera-III	231	249/GT/2014	10,16,400	SBIN316119888070
7	Sewa-II	120	251/GT/2014	5,28,000	SBIN316119888262
8	Teesta-V	510	234/GT/2014	22,44,000	SBIN316119888200
9	Dulhasti	390	231/GT/2014	17,16,000	SBIN316119888124
10	Dhauliganga	280	230/GT/2014	12,32,000	SBIN316119888099
11	Chamera-II	300	233/GT/2014	13,20,000	SBIN316119888121
12	Rangit	60	232/GT/2014	2,64,000	SBIN316119888209
13	Uri-I	480	238/GT/2014	21,12,000	SBIN316119888206
14	Chamera-I	540	237/GT/2014	23,76,000	SBIN316119888224
15	Tanakpur	94.2	226/GT/2014	4,14,480	SBIN316119888250
16	Salal	690	236/GT/2014	30,36,000	SBIN316119888210
17	Loktak	105	228/GT/2014	4,62,000	SBIN316119888236
18	Bairasiul	180	235/GT/2014	7,92,000	SBIN316119888215
Total filing fee to be paid for FY 2016-17				2,18,29,280	



Contd.2/.....

266

पंजीकृत कार्यालय : एन एच पी सी ऑफिस कॉम्प्लेक्स, सैक्टर-33, फरीदाबाद - 121003, हरियाणा
Regd. Office : NHPC Office Complex, Sector-33, Faridabad - 121 003, Haryana
CIN : L40101HR1975GOI032564; Website : www.nhpcindia.com; E-mail :
webmaster@nhpc.nic.in; Fax : 0129-2277941; EPABX No. : 0129-2588110/2588500

(52)



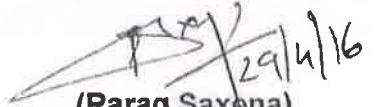
Continuation Sheet No. 2

Details of remittance through RTGS/NEFT are indicated in enclosed Form-I separately for 18 Power Stations as per CERC (Payment of Fees) Regulations, 2012.

Encl.: Form-I (18 sheets).

Thanking you,

Yours sincerely,


(Parag Saxena)
Chief Engineer (Comml.)
Telefax No.0129-2256035
% 25/4/16



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 2016-17) of filing fee for Tariff Petition regarding approval of generation tariff of <u>Uri - I Power</u> <u>Station</u> for the period 01.04.2014 to 31.03.2019.
4	Petition No., if any	238/GT/2014
5	Details of generation assets	
(a)	generating station/units	Uri / 4 units
(b)	Capacity in MW	480 MW (4 x 120 MW)
(c)	Date of commercial operation	01.06.1997
(d)	Period for which fee paid	01.04.2016 to 31.03.2017
(e)	Amount of fee paid	₹ 21,12,000 /-
(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.	SBIN316119888206
(b)	Date of remittance	28.04.2016
(c)	Amount remitted	₹ 21,12,000 /-

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 24/11/16 **268**



एनएचपीसी लिमिटेड
(भारत सरकार का उद्यम)

NHPC Limited

(A Government of India Enterprise)

फोन/Phone :

दिनांक/Date : 28.04.2017

संदर्भ सं./Ref. No. NH/Comml/Tariff/315/2017/963

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

Sub.: Payment of yearly installment (FY 2017-18) of filing fees in respect of tariff petitions of 19 power stations of NHPC Limited-Regg.

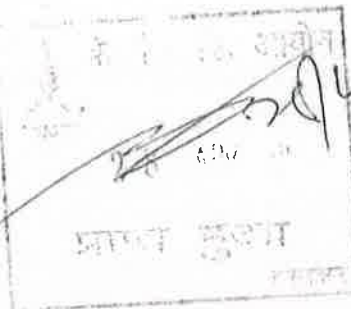
Sir,

We have submitted tariff petitions for our 19 power stations for the period 2014-19 in CERC. In compliance to Regulation 3 of CERC (Payment of Fees) Regulations, 2012, the requisite filing fee (@ ₹4400/MW) for the financial year **2017-18** works out to **₹ 2,08,02,694/-** as per the details enclosed at **Annexure-I**. We had earlier remitted filing fee in respect of our Parbati-III & TLDP-IV Power Stations based on anticipated COD of different units. However, the actual COD of units have been changed subsequently. Accordingly, the excess / shortfall in filing fee for the previous years in respect of above two power stations have also been adjusted this time. The details of computations of the same are enclosed at **Annexure-II** and **Annexure-III** for Parbati-III & TLDP-IV Power Stations respectively.

The total filing fee of **₹ 2,08,02,694/-** (Rs. Two Crore Eight Lakhs Two Thousand Six Hundred Ninety Four only) has been remitted in CERC account (A/c no. **209914801140001**, Corporation Bank, KG Marg, New Delhi) with **UTR No. SBIN317115658067** on 25.04.2017. Details of remittance through RTGS/NEFT are indicated in enclosed **Form-I (Annexure-IV)** separately for 19 Power Stations as per CERC (Payment of Fees) Regulations, 2012.

Encl.: As above.

Thanking you,



Yours sincerely,

(Handwritten signature)
(A K Pandey)

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

269

पंजीकृत कार्यालय : एन एच पी सी ऑफिस कॉम्प्लेक्स, सेक्टर-33, फरीदाबाद – 121003, हरियाणा

Regd. Office : NHPC Office Complex, Sector-33, Faridabad - 121 003, Haryana

CIN : L40101HR1975GOI032564; Website : www.nhpcindia.com; E-mail :

webmaster@nhpc.nic.in; Fax : 0129-2277941; EPABX No. : 0129-2588110/2588500

Annexure-I**Tariff Filing Fee for FY 2017-18 - NHPC Power Stations**

SI No.	Name of project	Installed Capacity (MW)	Filing Fee @ ₹ 4400/MW/annum
1	Bairasiul	180	7,92,000
2	Loktak	105	4,62,000
3	Salal	690	30,36,000
4	Tanakpur	94.2	4,14,480
5	Chamera-I	540	23,76,000
6	Uri-I	480	21,12,000
7	Rangit	60	2,64,000
8	Chamera-II	300	13,20,000
9	Dhauliganga	280	12,32,000
10	Dulhasti	390	17,16,000
11	Teesta-V	510	22,44,000
12	Sewa -II	120	5,28,000
13	Chamera-III	231	10,16,400
14	Chutak	44	1,93,600
15	TLDP-III	132	5,80,800
16	Nimoo Bazgo	45	1,98,000
17	Uri-II	240	10,56,000
18	Parbati-III *	520	5,45,359
19	TLDP-IV ^	160	7,16,055
Total (Amount in ₹)			2,08,02,694

Note:

* Amount of (-) ₹ 17,42,641/- has been adjusted (Ref: Annexure-II)

^ Amount of (+) ₹ 12,055/- has been adjusted (Ref: Annexure-III)

270

A. H. J.



109

Annexure-II

I. Amount based on actual COD of units - Parbati-III Power Station

SI No.	Financial Year	Amount		
1	FY 2013-14	28,208		
2	FY 2014-15	21,84,570		
3	FY 2015-16	22,88,000		
4	FY 2016-17	22,88,000		
Total		67,88,778	(A)	

II. Amount already paid to CERC - Parbati-III Power Station

SI No.	Financial Year	Amount	UTR No.	Date
1	FY 2013-14	16,67,419	SBINH13087359587	28.03.2013
2	FY 2014-15	22,88,000	SBIN814118286640	28.04.2014
3	FY 2015-16	22,88,000	SBIN215117557088	28.04.2015
4	FY 2016-17	22,88,000	SBIN316119888222	29.04.2016
Total		85,31,419	(B)	

III. Difference (A-B)

-17,42,641



108

Annexure-III

I. Amount based on actual COD of units - TLDP-IV Power Station

SI No.	Units	Capacity (MW)	COD	Upto	No. of days (2015-16)	No. of days (2016-17)	Filing Fee @ ₹ 4400/MW
1	Unit#1	40	11.03.2016	31.03.2017	21	365	1,86,098
2	Unit#2	40	31.03.2016	31.03.2017	1	365	1,76,481
3	Unit#3	40	17.07.2016	31.03.2017		258	1,24,405
4	Unit#4	40	19.08.2016	31.03.2017		225	1,08,493
Total (Amount in ₹)							5,95,478

II. Amount already remitted in CERC alongwith petition No. 107/GT/2016 (UTR No. SBIN816180083064)

5,83,423

III. Balance amount to be paid to CERC

12,055



Form-I

102

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 2017-18) of filing fee for Tariff Petition regarding approval of generation tariff of Uri - I Power Station for the period 01.04.2014 to 31.03.2019.
4	Petition No., if any	238/GT/2014
5	Details of generation assets	
(a)	generating station/units	Uri / 4 units
(b)	Capacity in MW	480 MW (4 x 120 MW)
(c)	Date of commercial operation	01.06.1997
(d)	Period for which fee paid	01.04.2017 to 31.03.2018
(e)	Amount of fee paid	₹ 21,12,000 /-
(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.	SBIN317115658067
(b)	Date of remittance	25.04.2017
(c)	Amount remitted	₹ 21,12,000 /-

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 28/4/17 274





एनएचपीसी लिमिटेड
(भारत सरकार का उद्यम)

NHPC Limited

(A Government of India Enterprise)

संदर्भ सं./Ref. No. NH/Comml/Tariff/315/2018/785

फोन/Phone : _____

दिनांक/Date : 27.04.2018

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

Sub.: Payment of yearly installment (FY 2018-19) of filing fee in respect of tariff petitions of 20 power stations of NHPC Limited-Regg.

Sir,

We have submitted tariff petitions for our 20 power stations for the period 2014-19 in CERC. In compliance to Regulation 3 of CERC (Payment of Fees) Regulations, 2012, the requisite filing fee (@ ₹4400/MW) for the financial year **2018-19** works out to ₹ 2,37,83,680/- as per the details enclosed at **Annexure-I**. We had remitted filing fee in respect of our Kishanganga HEP for FY 2017-18 (petition no. 43/GT/2018) based on anticipated COD of different units. As the COD of units are yet to be declared, the excess filing fee for the previous year has been adjusted this time (details enclosed at **Annexure-II**).

The total filing fee of ₹ 2,37,83,680/- (Rs. Two Crore Thirty Seven Lakhs Eighty Three Thousand Six Hundred Eighty only) has been remitted in CERC account (A/c no. **520143000000051**, Corporation Bank, KG Marg, New Delhi) with **UTR No. SBIN718116392141** on 26.04.2018. Details of remittance through RTGS/NEFT are indicated in enclosed **Form-I (Annexure-III)** separately for 20 Power Stations as per CERC (Payment of Fees) Regulations, 2012.

Encl.: As above.

Thanking you,



Yours sincerely,

(Signature)
(A K Pandey)

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

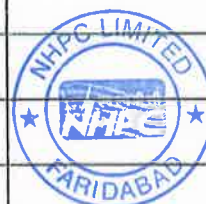
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Annexure -I**Tariff Filing Fee for FY 2018-19 - NHPC Power Stations.**

Sl. No.	Name of Project	Installed Capacity (MW)	Filing Fee Rs. 4400/MW/Annum
1	Bairasiul	180	792000
2	Loktak	105	462000
3	Salal	690	3036000
4	Tanakpur	94.2	414480
5	Chamera-I	540	2376000
6	Uri-I	480	2112000
7	Rangit	60	264000
8	Chamera-II	300	1320000
9	Dhauliganga	280	1232000
10	Dulhasti	390	1716000
11	Teesta-V	510	2244000
12	Sewa-II	120	528000
13	Chamera-III	231	1016400
14	Chutak	44	193600
15	TLDP-III	132	580800
16	Nimoo Bazgo	45	198000
17	Uri-II	240	1056000
18	Parbati-III	520	2288000
19	TLDP-IV	160	704000
20	Kishanganga*	330	1250400
Total (Amaount Rs.)			23783680

* Amount of Rs.201600/- has been adjusted (Ref Annexure 2)



2022/23

Annexure 2

Calculation of Tariff Filing Fee of Kishanganga HEP for 2018-19

Sr. No.	Description	Amount
1	Tariff Filing Fee	1452000
2	Petition Fee Paid in 2017-18 alongwith the Tariff Petition dated 18.01.2018	201600
	Net Fee to be Paid	1250400

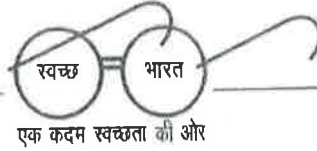
2,30,000



Form-I

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 2018-19) of filing fee for Tariff Petition regarding approval of generation tariff of <u>Uri - I Power Station</u> for the period 01.04.2014 to 31.03.2019.	
4	Petition No., if any	238/GT/2014	
5	Details of generation assets		
	(a) generating station/units	Uri / 4 units	
	(b) Capacity in MW	480 MW (4 x 120 MW)	
	(c) Date of commercial operation	01.06.1997	
	(d) Period for which fee paid	01.04.2018 to 31.03.2019	
	(e) Amount of fee paid	₹ 21,12,000 /-	
	(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.	SBIN718116392141	
	(b) Date of remittance	26.04.2018	
	(c) Amount remitted	₹ 21,12,000 /-	
Note : While Sl. Nos. 1 to 3 and 16 are compulsory, the rest may be filled up as applicable.			
<div style="display: flex; justify-content: space-between; align-items: center;"> <div> <p>Signature of the authorized signatory with date</p> <p><i>Ady. 27/4/18</i></p> </div> <div> <p>278</p> </div> </div>			





एनएचपीसी लिमिटेड
(भारत सरकार का उद्यम)

NHPC Limited

(A Government of India Enterprise)

फोन/Phone : _____

दिनांक/Date : 29.04.2019

संदर्भ सं./Ref. No. NH/Comm/Tariff/357/2019/318

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

Sub.: Payment of yearly installment of petition filing fee for FY 2019-20 in respect of 20 power stations of NHPC Limited - Reg.

Sir,

We are in the process of filing tariff petitions for our 20 power stations for the period 2019-24 in CERC. In compliance to Regulation 3 of CERC (Payment of Fees) Regulations, 2012, the requisite filing fee (@ ₹4400/MW) for the financial year 2019-20 works out to **₹2,37,82,398/-** (Rs. Two Crore Thirty Seven Lakhs Eighty Two Thousand Three Hundred Ninety Eight only) as per the details enclosed at **Annexure-I**. We had remitted filing fee in respect of our Kishanganga HEP for the full year during FY2018-19 in petition no. 43/GT/2018. As the COD of units were declared on 18.05.2018 (unit#1) & 24.05.2018 (unit#2&3) only, the excess filing fee paid for the previous year has been adjusted in the filing fee for the FY 2019-20 (details enclosed at **Annexure-II**).

The total filing fee of **₹2,37,82,398/-** (Rs. Two Crore Thirty Seven Lakhs Eighty Two Thousand Three Hundred Ninety Eight only) has been remitted in CERC account (A/c no. **520143000000051**, Corporation Bank, KG Marg, New Delhi) with **UTR No. SBIN219116877156** on 26.04.2019. Details of remittance through RTGS/NEFT are indicated in enclosed **Form-I (Annexure-III)** separately for 20 Power Stations as per CERC (Payment of Fees) Regulations, 2012.

Encl.: As above.

Thanking you,



Yours sincerely,

(Signature)
29/4/19
(A K Pandey)

General Manager Comm.
Telefax No.0129-2256558

279

पंजीकृत कार्यालय : एन एच पी सी ऑफिस कॉम्प्लेक्स, सेक्टर-33, फरीदाबाद - 121 003, हरियाणा

Regd. Office : NHPC Office Complex, Sector-33, Faridabad - 121 003, Haryana

CIN : L40101HR1975GOI032564; Website : www.nhpcindia.com

E-mail : webmaster@nhpc.nic.in; EPABX No. : 0129-2588110/2588500

बिजली से संबंधित शिकायतों के लिए 1912 डायल करें। Dial 1912 for Complaints on Electricity

Annexure-I**Details of filing fee 2019-20****Amount in ₹**

Sl No.	Power Station	Installed capacity (MW)	Filing Fee @ 4400/MW
1	Bairasiul	180	7,92,000
2	Loktak	105	4,62,000
3	Salal	690	30,36,000
4	Tanakpur	94.2	4,14,480
5	Chamera-I	540	23,76,000
6	Uri-I	480	21,12,000
7	Rangit	60	2,64,000
8	Chamera-II	300	13,20,000
9	Dhauliganga	280	12,32,000
10	Dulhasti	390	17,16,000
11	Teesta - V	510	22,44,000
12	Sewa-II	120	5,28,000
13	Chamera-III	231	10,16,400
14	Chutak	44	1,93,600
15	TLDP-III	132	5,80,800
16	Nimoo Bazgo	45	1,98,000
17	Uri-II	240	10,56,000
18	Parbati-III	520	22,88,000
19	TLDP-IV	160	7,04,000
20	Kishanganga*	330	12,49,118
Total			2,37,82,398

* Refer Annexure-II



280

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Annexure-II

Details of actual filing fee for Kishanganga HEP (330MW) for 2018-19

SI No.	Particulars	COD	No of days	Capacity	Amount
1	Unit#1	18.05.2018	318	110	4,21,676.71
2	Unit#2	24.05.2018	312	110	4,13,720.55
3	Unit#3	24.05.2018	312	110	4,13,720.55
Total					12,49,117.81

Say, 12,49,118 (A)

Fee already paid earlier with petition no. 43/GT/2018 14,52,000 (B)

Excess fee paid (to be adjusted) 2,02,882 (C) = (B-A)

Fee for 2019-20 @ 4400/MW for 330MW 14,52,000 (D)

Net Fee to be paid for FY 2019-20 12,49,118 (E) = (D)-(C)

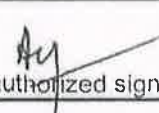
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Form-I

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 2019-20) of filing fee for Tariff Petition regarding approval of generation tariff of <u>Uri-I Power Station</u> for the period 01.04.2019 to 31.03.2024.
4	Petition No., if any	
5	Details of generation assets	
(a)	generating station/units	Uri / 4 units
(b)	Capacity in MW	480 MW (4 x 120 MW)
(c)	Date of commercial operation	01.06.1997
(d)	Period for which fee paid	01.04.2019 to 31.03.2020
(e)	Amount of fee paid	₹ 21,12,000 /-
(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.	SBIN219116877156
(b)	Date of remittance	26.04.2019
(c)	Amount remitted	₹ 21,12,000 /-

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  282

