



Date: 14.07.2022

To
The Secretary,
Uttar Pradesh Electricity Regulatory Commission
Kisan Mandi Bhawan, II floor, Gomati Nagar
Lucknow – 226010
Uttar Pradesh

Sub: Substituting original Tariff Forms by updated tariff forms in Petition No. 1642 of 2020 filed for approval of Tariff for the Control Period 2019-24.

Ref: 330 MW Shrinagar Hydro Electric power Project –Reg.

Dear Sir,

Alaknanda Hydro Power Company Limited (AHPCL) is operating, generating and selling power from its 330MW Shrinagar Hydro Electric Power Project (SHEP) near Shrinagar Town, Pauri District, Uttarakhand ("Project") to the Uttar Pradesh Power Corporation Limited ("UPPCL"). On 25.09.2020, the Project developer, AHPCL filed Petition bearing No. 1642 of 2020 before the Hon'ble Uttar Pradesh State Electricity Regulatory Commission ("Hon'ble Commission") for the determination of Tariff for the Control Period 2019-24. Subsequent to the filing of the said Petition, the Hon'ble Commission was pleased to approve the Tariff for the previous Control Period i.e, 2015-2019 vide its order dated 08.02.2021 as revised by order dated 17.05.2021 in Petition No. 1694 of 2021.

Consequently, the amounts mentioned in the tariff forms filed along with Petition NO. 1642 of 2021 are to be amended/ revised. In this context, the Petitioner is hereby submitting the revised and updated tariff forms in Petition No. 1642 of 2020 which are necessary to comply with this Hon'ble Commission's orders dated 08-02-2021 and 17-05-2021.

In this context, the Petitioner, AHPCL requests your good offices to be pleased to kindly replace the Tariff Forms in Petition 1642/2020 before this Hon'ble Commission for adjudication of the same.

Thanking you
Yours sincerely

Authorised signatory

Encl: Petition and the Affidavit

CC: CE PPA UPPCL Shakti bhawan Lucknow

ALAKNANDA HYDRO POWER COMPANY LIMITED

Paigah House, 156-159, Sardar Patel Road
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Telangana, India

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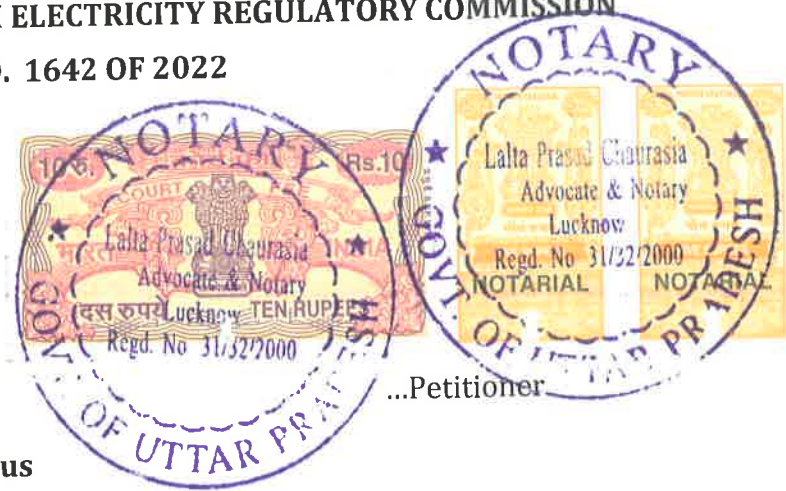
ENERGY
RESOURCES
AIRPORTS
TRANSPORTATION
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LIFE SCIENCES

BEFORE THE HON'BLE UTTAR PRADESH ELECTRICITY REGULATORY COMMISSION
PETITION NO. 1642 OF 2022

IN THE MATTER OF:

**Alknanda Hydro Power Corporation
Limited**

156-159, Paigah House, SP Road,
Secunderabad - 500003



...Petitioner

Versus

**Uttar Pradesh Power Corporation
Limited**

14- Ashok Marg, Shakti Bhawan
Lucknow 226001

...Respondent

**AFFIDAVIT FOR PLACING ON RECORD THE REVISED TARIFF FORMS IN PETITION
NO. 1642 OF 2020 SEEKING DETERMINATION OF TARIFF FOR CONTROL PERIOD
FOR FY 2019-20 TO FY 2023-24 IN COMPLIANCE WITH ORDERS DATED 08-02-
2021 AND 17-05-2021**

I, Dileep Tripathi, aged about 42 years, son of Mr. S K tripathi, resident of Villa No 5, Jopling Road, Lucknow UP, Pin 226001, India, working as a Manager in the Petitioner Company, currently in Lucknow, do solemnly affirm and state on oath as follows:

1. I am working as a Manager in the Petitioner Company and I am competent to submit the accompanying Petition on behalf the Petitioner-Company and to swear this Affidavit in support thereof.

2. I state that the contents of the accompanying Petition are true and correct to my knowledge, which are based on the records maintained by the Petitioner-Company.

3. I further state that there is no other case or petition pending before any other Court or judicial body in connection to the issues involved in the accompanying Petition.

LALTA PRASAD CHAURASIA
Advocate & Notary
Lucknow U.P. (INDIA)
Regd No 31/32/2000



I, Dileep Tripathi affirm as under:

1. On 25.09.2020, Alaknanda Hydro Power Company Limited, the Petitioner herein has filed the above referred Petition bearing No. 1642 of 2020 praying to this Hon'ble Commission to determine the Tariff for the Control Period 2019-20 to 2023-2024 under the UP Electricity Regulatory Commission (Terms and Conditions of Generation Tariff) Regulations, 2019 as well as under Sections 62 of the Electricity Act, 2003 and the Amended and Restated PPA dated 28.06.2006.
2. Subsequent to filing of the above referred Petition No. 1642 of 2020, this Hon'ble Commission was pleased to determine the Tariff for the previous Control Period i.e., from 2015-16 to 2018-19 vide its common order dated 08.02.2021 in Petition Nos. 1401 of 2019 and 1628 of 2020.
3. Subsequently, the Petitioner preferred a Review of the common order dated 08.02.2021 vide Petition No. 1694 of 2021 and that this Hon'ble Commission was pleased to allow the said Petition No. 1694 of 2021 vide its order dated 17.05.2021. Copy of the Order dated 17-05-2021 is attached herewith as Annexure-IA.
4. I say that the orders dated 08.02.2021 and 17.05.2021 passed by this Hon'ble Commission require the Petitioner to amend certain components of tariff in the Tariff Forms filed with Petition No. 1642 of 2020. The amended or revised tariff forms are annexed herewith and marked as **Annexure-I**.
5. I say that the following components of the tariff for the Control Period 2019-2024 have been suitably revised in the tariff forms to make the filing consistent with the orders dated 08.02.2021 and 17.05.2021 passed by this Hon'ble Commission:

I. Capital Cost:




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LALTA PRASAD CHAURASIA
Advocate & Notary
Lucknow U.P. (INDIA)
Regd No 31/32/2000

The additional capital cost approved by Hon'ble Commission in orders dated 08.02.2021 and 17.05.2021 for the Tariff Years 2019-20 and TY 2020-21 could not be given affect in the tariff forms filed along with the Petition No. 1642 of 2020. As such, the Petitioner is herewith submitting the revised tariff forms along with the auditor's certificate in this regard. The said auditor's certificates are annexed herewith and marked as **Annexure-II**.

II. Re: Depreciation

The Petitioner submits that the Hon'ble Commission was pleased to approve the depreciation rate of 3.77% per annum and the Capital base, in order dated 17.05.2021 in Petition No.1694 of 2021. The said approved depreciation is given affect in the revised tariff forms being submitted along with this Petition as part of **Annexure-I**.

III. Re: Return on Equity

Return on Equity being claimed in the Petition No. 1642 of 2020 has been changed.

IV. Re: Interest on Loan

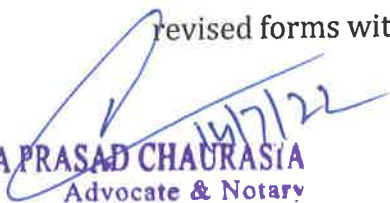
The revised interest on loan as per the order dated 17.05.2021 in Petition 1694 of 2021 is prayed in the revised tariff forms marked as **Annexure-I**.

V. Re: Interest on Working Capital

The Petitioner submits that based on the revisions in other components submitted hereinabove, the interest on working capital is also to be revised Accordingly, the revised working capital is submitted as part of the revised tariff formats annexed herewith and marked as **Annexure - I**

VI. Re: Energy Charges and Annual Fixed Charges:

For the same reasons mentioned hereinabove, the Petitioner also submits revised forms with revised Annual Fixed Charges as part of **Annexure - I**.


LALTA PRASAD CHAURASIA
Advocate & Notary
Lucknow U.P. (INDIA)
Regd No 31/32/2000



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Comparison of AFC- Claimed in Original Petition and Current Submission

TABLE - A- AFC Claimed in Original Petition

(₹ in Cr.)

S. No.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
1.1	Depreciation	166.10	166.10	166.10	166.10	166.10
1.2	Interest on Loan	273.94	253.00	232.06	211.13	190.19
1.3	Return on Equity	174.75	174.75	174.75	174.75	174.75
1.4	Interest on Working Capital	14.48	14.43	14.36	14.30	14.26
1.5	O & M Expenses	120.32	125.70	131.32	137.19	143.32
	Total	749.61	734.00	718.62	703.49	688.63



TABLE - B- AFC Claimed in Instant Submission

(₹ in Cr.)

S. No.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
1.1	Depreciation	150.66	151.46	152.02	152.37	152.59
1.2	Interest on Loan	320.42	303.50	285.85	267.60	248.95
1.3	Return on Equity	123.49	124.15	124.60	124.89	125.07
1.4	Interest on Working Capital	14.09	14.09	14.08	14.07	14.03
1.5	O & M Expenses	118.25	123.54	129.06	134.83	140.85
	Total	726.91	716.74	705.61	693.76	681.48

6. I say that the Petitioner submits in terms of Table -A hereunder, the amounts claimed in Petition No. 1642 of 2020 and in Table-B, the amounts that sought to be revised under this Petition.

7. I say that the auditor certificates for the interest rate applicable to the loan for the Control Period 2019-24 is annexed hereto and marked as **Annexure III**.

LALTA PRASAD CHAURASIA
Advocate & Notary
Lucknow U.P. (INDIA)
Regd No 31/32/2000

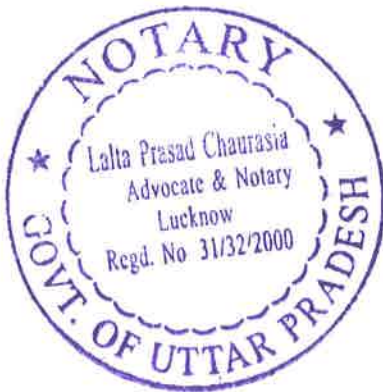


8. I say that the Petitioner undertakes to provide any further information and documents that are relevant for tariff determination for the Control Period 2019-24 and so required by the Hon'ble Commission or its staff.
9. I say that in these circumstances this Hon'ble Commission may be pleased to:
- a. Take on record the amended Tariff Forms as revised forms for Petition 1642/2020;
 - b. Determine the Tariff payable by the Respondent till for the Control Period 2019-20 to 2023-24.



VERIFICATION

Verified this on this the 14 day of July, 2022 that the contents of paragraph 1 to 9 are true based on facts and correct upon information received and believed to be true to the best of my knowledge and belief.



Sworn and Verified
before me

Signature/Thumb Attested

14/7/22

LALTA PRASAD CHAURASIA
Advocate & Notary
Lucknow U.P. (INDIA)
Regd. No. 31/32/2000

Identify the deponent/executioner
who has/have Signed/T before me



Ann-1A

Petition No. 1694 of 2021

BEFORE

**THE UTTAR PRADESH ELECTRICITY REGULATORY COMMISSION,
LUCKNOW**

Date of Order (17.05.2021)

IN THE MATTER OF:

Petition filed under section 86,94(1) (f) of the EA 2003, read with regulations 32,33,150(1) and 156 of UPERC (Conduct of Business) Regulation 2004 for Review of the order date 08.02.2021 passed by the Hon'ble Commission in Petition no 1401/2019 and 1628/2020 determining the Tariff pertaining to the 330 MW (4 x 82.5) Srinagar Hydro Electric Project for the 1st Control period 2015-2019 under the UPERC Generation Tariff Regulation 2014.

Alaknanda Hydro Power Company Ltd,
156-159, Paigah House, SP Road, Secundrabad – 500003.

...Petitioner

U P Power Corporation Limited,
14 – Ashok Marg, Shakti Bhawan, Lucknow.

.....Respondent

The following were present:

1. Shri. Deepak Raizada, CE(PPA), UPPCL
2. Shri Brijesh Saxena, Counsel UPPCL
3. Shri. Santosh Reddy, AHPCL Representative
4. Shri. P.V Prasanna Reddy, AHPCL Representative
5. Shri. Srinivas Reddy, AHPCL Representative
6. Shri. Venkata Bhaskar, AHPCL Representative
7. Shri. Vishrov Mukherjee, Counsel AHPCL

(Date of hearing: 08.04.2021)

1. The Petitioner had filed Petition No. 1401 of 2019 for determination of tariff for the Control Petition 2015 to 2019. Whilst pendency of Petition No 1401 of 2019, complying to the Commission's order dated 24.08.2020 in Petition No. 1267/2017 approving of Completed final capital cost of the Project, AHPCL filed another Petition No 1628 of 2020 seeking amendment to the tariff Petition No. 1401 of 2019 based on the Commission's approved final completed capital cost of the Project as Rs. 4061.96 Crs.



2. The Commission disposed of both the petitions (1401 of 2019 & 1628 of 2020) and issued the Order of determination of Tariff for 330 MW (4X82.5 MW) Srinagar Hydro Electric Project for the second control period FY 2015-16 to FY 2018-19 on February 08, 2021.
3. AHPCL has filed the present petition for review of Order dt. 08.02.2021 (Impugned order) passed in Petition no 1401/2019 and Petition 1628/2020 on account of some clerical/arithmetic mistakes occurring in certain components of Tariff during the computation of Tariff.
4. The following are grounds of review as submitted by the Petitioner:
- a. Interest on loan:**
- (i) AHPCL has submitted that while calculating the interest on loan for the first year, i.e., 2015-16, UPERC has considered the interest rate based on interest accrued for the period 21/06/2015 to 31/03/2016. However, the interest on loan has again be pro-rated for 285 days.
- (ii) AHPCL has submitted that consequent to the revised interest on loan, the interest on working capital and the Annual Fixed Charges for the 1st Control Period also need revision.
- b. Annual Fixed charges:**
- (i) AHPCL has submitted that consequent to the revised interest on loan for the FY 2016-17, 2017-18 and 2018-19, the interest on working capital and the Annual Fixed Charges for the 1st Control Period also have to be revised.

Revised Annual Fixed Charges (Rs. Cr) submitted by AHPCL

Particulars	21-Jun-15	01-Apr-16	01-Apr-17	01-Apr-18
	31-Mar-16	31-Mar-17	31-Mar-18	31-Mar-19
Depreciation	115.25	149.81	150.10	150.23
Interest on Loan	299.63	372.08	372.77	354.34
Return on Equity	97.62	126.89	127.13	127.25
Interest on working capital	15.45	19.97	20.35	20.32
O& M Expenses	72.68	99.53	106.14	113.19
Total Annual Fixed Charges	600.63	768.28	776.49	765.33



c. Energy Charges

- (i) AHPCL has submitted that as per the Regulation 51(vii) of the UPERC Tariff Regulations, 2014 the ECR is to be calculated as per following formulae:

$$\text{ECR} = \text{AFC} \times 0.5 \times 10 / \{ \text{DE} \times (100 - \text{AUX}) \times (100 - \text{FEHS}) \}$$

- (ii) However, the Commission, while calculating the ECR for the 1st year i.e., 2015-16, did not consider the Auxiliary Consumption and free power. In this connection, AHPCL has prayed to review the ECR calculations for the 1st year of the control period 2015-19 for the FY 2015-16:

Revised Energy Charges submitted by AHPCL (Rs. Cr)

Particulars	2015-16	2016-17	2017-18	2018-19
Annual Fixed Charges	600.63	768.27	776.50	765.34
Days	285	365	365	365
Design Energy	1278.30	1550	1550	1550
Aux Consumption	1%	1%	1%	1%
Free Power	12%	12%	12%	12%
Energy Charges	2.697	2.845	2.875	2.834

d. Normative plant availability factor:

- (i) AHPCL has submitted that the Commission approved NAPAF for 1st year of Commercial operation (part of FY 2015-16) as 56.63% and 53.62% for the period FY 2016-17 to FY 2018-19.
- (ii) However, the Commission has clarified vide Order dt 17.06.2016 in review petition 1107 of 2016 that the NAPAF calculated by UPPCL based on design energy of 1550 MU and based on data submitted by AHPCL should be considered for computation of provisional tariff.
- (iii) Accordingly, NAPAF of 46.95% for TY 2015-16 and 49.77 % from TY 2016-17 to TY 2018-19 was computed considering 1550 MU of design energy order dt. 18.09.2015 for the payment of provisional capacity charges.
- (iv) Petitioner has prayed the Commission to review the NAPAF.



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Record of Proceedings

5. The Commission held the initial hearing on 25th March 2021, wherein the Petitioner reiterated that e-flows as mandated by SDM order dated 18.09.2015 need to be considered for computation of NAPAF. The Commission allowed Petitioner to file rejoinder to UPPCL reply dated 24.03.21. The parties argued the matter on 8th April 2021, the next date of hearing. The Commission concluded the hearing with the observation that formal regulatory approval is required for any consequential impact on account of mandated e-flow by the competent authority.

Commission's Analysis and decision

6. The Commission has gone through the UPPCL reply dated 24.03.21 and AHPCL reply dated 07.04.21. Both the Petitioner and Respondent have consensus as far as arithmetical errors are considered. However, on the issue of NAPAF, the parties have different views. After having gone through the submissions of the Petitioner and the Respondent, the Commission is of the view that the review can be admitted mainly on following two grounds:
- a. Some mistake or error apparent on face of records.
 - b. Discovery of new and important matter of evidence which, after the exercise of diligence, was not within the knowledge of Petitioner or could not be produced at the time when the order was passed.
7. With above background, the Commission has analysed and addressed all the issues raised by the Petitioner in the review Petition.

8.1 Interest on Loan

The Commission has considered the weighted average interest rate on the basis of accrued interest for the period 21/06/2015 to 31/03/2016 and inadvertently again pro-rated the same for 285 days, i.e. the interest on loan has been pro-rated twice. The same has been rectified. Accordingly, the weighted rate of interest considered for FY 2015-16 is 9.7393%.

8.2 Suo-moto error rectification of cumulative repayment of loan:

While reviewing the computation of tariff, it came to the knowledge of the Commission that while computing Interest on Loan, cumulative loan repayment up to FY 2016-17 i.e. Rs.115.25 Crs was repeated as cumulative repayment up to FY 2017-18 also which should have been Rs. 265.06 Crs. The cumulative repayment up to FY 2017-18 i.e. Rs. 265.06 Crs was inadvertently considered up to FY 2018-19 which should have been Rs. 415.16 Crs. **Hence, the Interest on Loan values for FY 2017-18 & FY**



2018-19 were erroneous. Even though the Petitioner has not raised the same in its review Petition, UPPCL has mentioned the error in calculation of "Net Loan Opening" in its reply dated 24.03.2021, the Commission is Suo-moto rectifying the error in this order.

8.3 Energy Charge Rate

While computing Energy Charge Rate (ECR) of FY 2015-16, the Design Energy of 1278.30 MU (based on proportionate flow corresponding to design energy of 1251.94 MU for 285 days) was considered, but inadvertently the Auxiliary consumption of 1% and Free Power of State of UK i.e. 12% were not deducted for computation of saleable energy. Accordingly, the ECR for FY 2015-16 has been recomputed based on the revised Annual Fixed Charges.

8.4 NAPAF

Petitioner has prayed the Commission to allow NAPAF of 46.95% for FY 2015-16 and 49.77 % from FY 2016-17 to FY 2018-19 as computed considering 1550 MU of design energy and e-flow data submitted by AHPCL for the payment of provisional capacity charges. While UPPCL has raised following objections on this issue:

- i. The hydrological data used for computation of NAPAF as claimed by AHPCL is based on design energy of 1550 MU. This hydrological data is not supported by any approval of CWC/CEA.
- ii. AHPCL has got the design energy certified by CEA in May 2018 only @ 1251.94 MU.
- iii. AHPCL is trying to apply two methodologies for computation of NAPAF - in the Petition filed for MYT 2019-24 and that for FY 2015-16 to FY 2018-19.
- iv. NAPAF calculated by the Commission in Order dated 08-02-2021 is on lower side due to e-flow restrictions.

The Petitioner himself admitted that due to improved hydrology of the region, design energy of the Project has increased from 1397 MUs (as per PPA) to 1550 MU. It is only upon insistence and strict guidance of the Commission; the Petitioner got the design energy of 1251.94 MU approved by CEA in May 2018. The Commission has therefore considered design energy of 1550 MU and worked out NAPAF as per UPERC Generation tariff Regulations basis proportionate flow of CEA approved design energy of 1251.94 MU for the Project.



The scope of review Petition being very limited and any error apparent on face of record viz; any arithmetical / computational error etc or discovery of new and important matter of evidence which, after the exercise of diligence, was not within the knowledge of Petitioner or could not be produced at the time when the order was passed, can only be dealt as part of review Petition.

The Design energy of the hydro project encompasses mandated e-flows based on 10 days' river flow available for generation. When the design energy of 1550 MU is claimed by Petitioner, it must have duly accounted for e-flows mandated by the competent authority. The Petitioner has now claimed that SDM order dated 08.09.2015 being from the competent authority has been complied with. However, SDM order dated 08.09.2015 has been brought on record during proceedings of review Petition only to claim revision of design energy and NAPAF. Therefore, the Commission is not inclined to accept the ground of review for NAPAF in the Commission's order dated 08.02.2021.

However, the Petitioner may seek formal approval of the Commission for any consequential impact of e-flow mandated by the competent authority.

8.5 Accordingly, the following components of Tariff Design have been revised and tabulated at Para 9.8 to 9.11:

- a. Interest on Loan for FY 2015-16 to FY 2018-19 approved by the Commission at Table 12 of Order dated 08.02.21, revised at Table-9.8
- b. Interest on Working Capital (IWC) as approved by the Commission for FY 2015-16 to FY 2018-19 at Table 21 of Order dated 08.02.21, revised at Table-9.9
- c. Annual Fixed Charges (AFC) as approved by the Commission for FY 2015-16 to FY 2018-19 at Table 23 of Order dated 08.02.21, revised at Table-9.10
- d. Energy Charge Rate (ECR) as approved by the Commission for FY 2015-16 to FY 2018-19 at Table of Order dated 08.02.21, revised at Table-9.11

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9. The Commission, for clear understanding, has reproduced the summary of Tariff Design covered under Order dated 08.02.2021 and those revised under the instant review Petition as under:

Summary of Tariff Design as per the Commission's Order dated 08.02.2021:

9.1 Capital Cost -Rs. / Crs

S. No.	Particulars	21-Jun-15	01-Apr-16	01-Apr-17	01-Apr-18
		31-Mar-16	31-Mar-17	31-Mar-18	31-Mar-19
1	Opening Capital Cost	3893.90	3978.72	3989.25	3994.33
2	Add: Addition during the period				
3	Less: Decapitalisation during the period				
4	Less: Reversal during the period				
5	Add: Discharges during the period	84.82	10.53	5.08	2.05
6	Closing Capital Cost	3978.72	3989.25	3994.33	3996.38

9.2 Return on Equity (RoE)- Rs./Crs

S. No.	Particulars	21-Jun-15	01-Apr-16	01-Apr-17	01-Apr-18
		31-Mar-16	31-Mar-17	31-Mar-18	31-Mar-19
1	Opening Equity	800.11	817.54	819.70	820.74
2	Add: Increase due to addition during the period	0	0	0	0
3	Less: Decrease due to de-capitalisation during the period	0	0	0	0
4	Less: Decrease due to reversal during the period	0	0	0	0
5	Add: Increase due to discharges during the period	17.43	2.16	1.04	0.42
6	Closing Equity	817.54	819.70	820.74	821.17
7	Average Equity	808.82	818.62	820.22	820.96
8	Rate of ROE	15.50%	15.50%	15.50%	15.50%
9	Return on Equity	97.62	126.89	127.13	127.25

ANNEXURE - I

CHECK LIST OF TARIFF FORMS FOR TARIFF FILING OF HYDRO STATIONS

Form No.	Title of Tariff Filing Forms (Hydro)	Tick
FORM- 1	Summary Sheet	
FORM-2	Details of COD, Type of hydro station, Normative Annual Plant Availability Factor(NAPAF) & Other normative parameters considered for tariff calculation	
FORM-3	Salient Features of Hydroelectric Project	
FORM- 4	Details of Foreign loans	
FORM- 4A	Details of Foreign Equity	
FORM-5	Abstract of Admitted Capital Cost for the existing Projects	
FORM-5A	Abstract of Capital Cost Estimates and Schedule of Commissioning for the New projects	
FORM-5B	Break-up of Capital Cost for Hydro Power Generating Station	
FORM-5C	Break-up of Capital Cost for Plant & Equipment	
FORM-5D	Break-up of Construction/Supply/Service packages	
FORM-5Ei	In case there is cost over run	
FORM-5Eii	In case there is time over run	
FORM-5F	In case there is claim of additional RoE	
FORM- 6	Financial Package upto COD	
FORM- 7	Details of Project Specific Loans	
FORM- 8	Details of Allocation of corporate loans to various projects	
FORM-9A	Statement of Additional Capitalisation after COD	
FORM 9B	Statement of Additional Capitalisation during fag end of the Project	
FORM 9Bi	Details of Asset De-capitalised during the period	
FORM- 9C	Statement showing reconciliation of ACE claimed with the capital additions as per books	
FORM- 9D	Statement showing items/assets/works claimed under Exclusions	
FORM- 9E	Statement of Capital cost	
FORM- 9F	Statement of Capital Woks in Progress	
FORM- 10	Financing of Additional Capitalisation	
FORM- 11	Calculation of Depreciation	
FORM- 12	Statement of Depreciation	
FORM- 13	Calculation of Weighted Average Rate of Interest on Actual Loans	
FORM- 13A	Calculation of Interest on Normative Loan	
FORM- 13B	Calculation of Interest on Working Capital	
FORM- 13C	Other Income as on COD	
FORM- 13D	Incidental Expenditure during Construction	
FORM- 14	Draw Down Schedule for Calculation of IDC & Financing Charges	
FORM- 14A	Actual cash expenditure	
FORM- 15A	Design energy and peaking capability (month wise)- ROR with Pondage/Storage type new stations	
FORM- 15B	Design energy and MW Continuous (month wise)- ROR type stations	
FORM- 16	Liability Flow Statement	
Other Information/ Documents		
Sl. No.		
1	Certificate of incorporation, Certificate for Commencement of Business, Memorandum of Association, & Articles of Association (For New Station setup by a company making tariff application for the first time to CERC)	
2	Station wise and Corporate audited Balance Sheet and Profit & Loss Accounts with all the Schedules & annexures on COD of the Station for the new station & for the relevant years. Station wise and Corporate audited Balance Sheet and Profit & Loss Accounts with all the Schedules & annexures for the existing station for the relevant years.	
3	Copies of relevant loan Agreements	
4	Copies of the approval of Competent Authority for the Capital Cost and Financial package.	
5	Copies of the Equity participation agreements and necessary approval for the foreign equity.	
6	Copies of the BPSA/PPA with the beneficiaries, if any	
7	Detailed note giving reasons of cost and time over run, if applicable. List of supporting documents to be submitted: Detailed Project Report CPM Analysis PERT Chart and Bar Chart Justification for cost and time Overrun	
8	Generating Company shall submit copy of Cost Audit Report along with cost accounting records, cost details, statements, schedules etc. for the Generating Unit wise /stage wise/Station wise/ and subsequently consolidated at Company level as submitted to the Govt. of India for first two years i.e. 2014-15 and 2015-16 at the time of mid-term true-up in 2016-17 and for balance period of tariff period 2014-19 at the time of final true-up in 2019- 20. In case of initial tariff filing the latest available Cost Audit Report should be furnished.	
9	Any other relevant information. (Please specify)	
10	Reconciliation with Balance sheet of any actual additional capitalization and amongst stages of a generating station	



Summary Sheet

Name of the Petitioner : **ALAKNANDA HYDRO POWER COMPANY LIMITED**
 Name of the Generating Station : **330 MW (4 x 82.5 MW) SHRINAGAR HYDROELECTRIC PROJECT**
 Region **NORTHERN REGION** State: **UTTAR PRADESH**

Rs.In Lakh

S. No.	Particulars		2019-20	2020-21	2021-22	2022-23	2023-24	
1	2		3	4	5	6	7	
1.1	Depreciation	Rs Lakhs	15066.01	15146.30	15201.81	15237.27	15258.72	
1.2	Interest on Loan	Rs Lakhs	32041.52	30350.37	28584.82	26760.21	24894.59	
1.3	Return on Equity:	Rs Lakhs	12349.13	12414.71	12460.05	12489.01	12506.52	
1.4	Interest on Working Capital	Rs Lakhs	1409.49	1409.25	1408.28	1406.96	1402.98	
1.5	O & M Expenses	Rs Lakhs	11824.96	12353.53	12905.74	13482.62	14085.30	
	Total		72691.11	71674.16	70560.70	69376.08	68148.10	

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



Statement Showing Claimed Capital Cost

Name of the Petitioner :
Name of the Generating Station :
Region

ALAKNANDA HYDRO POWER COMPANY LIMITED
330 MW (4 x 82.5 MW) SHRINAGAR HYDROELECTRIC PROJECT
NORTHERN State: UTTAR PRADESH

Rs. In Lakh

S. No.	Particulars	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Remarks
1	2							
	Opening Capital Cost	399433	399638.00	401694.25	403893.25	404636.25	405772.69	
	Add: Addition during the year / period		0.00	0.00	0.00	0.00	0.00	
	Less: Decapitalisation during the year / period		0.00	0.00	0.00	0.00	0.00	
	Less: Reversal during the year / period		0.00	0.00	0.00	0.00	0.00	
	Add: Discharges during the year / period	205	2056.25	2199.00	743.00	1136.44	0.00	
	Closing Capital Cost	399638.00	401694.25	403893.25	404636.25	405772.69	405772.69	
	Average Capital Cost	399535.50	400666.13	402793.75	404264.75	405204.47	405772.69	

Note

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



Statement Showing Return on Equity

Name of the Petitioner :
Name of the Generating Station :
Region: NORTHERN REGION

ALAKNANDA HYDRO POWER COMPANY LIMITED
330 MW (4 x 82.5 MW) SHRINAGAR HYDROELECTRIC PROJECT
State: UTTAR PRADESH

Rs. In Lakh

S. No.	Particulars	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	
1	2	3	4	5	6	7	8
	Opening Equity	82116.28	82538.79	82990.63	83143.30	83376.81	
	Add: Increase due to addition during the year / period						
	Less: Decrease due to de-capitalisation during the year / period						
	Less: Decrease due to reversal during the year / period						
	Add: Increase due to discharges during the year / period	423	452	153	234	0	
	Closing Equity	82538.79	82991	83143	83377	83377	
	Average Equity	82327.53	82765	83067	83260	83377	
	Rate of ROE	15.00%	15.00%	15.00%	15.00%	15.00%	
	Return on Equity	12349	12415	12460	12489	12507	

Petitioner



**PART-II
FORM- 2**

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

Name of the Petitioner : ALAKNANDA HYDRO POWER COMPANY LIMITED

Name of the Generating Station : 330 MW (4 x 82.5 MW) SHRINAGAR HYDROELECTRIC PROJECT

Particular	Unit	Value
Installed Capacity (MW)	MW	330
Free power to home state	%	12
Date of commercial operation (actual/anticipated)		
a. Unit-1		23-Apr-15
b. Unit-2		21-Jun-15
c. Unit-3		2-May-15
d. Unit-4		21-Jun-15
Type of Station		
a) Surface/underground		Surface
b) Purely ROR/ Pondage/Storage		Purely ROR
c) Peaking/non-peaking		Non- Peaking
d) No. of hours of peaking		Non- Peaking
e) Overload capacity(MW) & period		10% extra, Continuous
Type of excitation		
a) Rotating exciters on generator		
b) Static excitation		Static Excitation
Design Energy (Annual)	MU	1252
Auxiliary Consumption including Transformation losses	%	1.0%
Normative Plant Availability Factor (NAPAF)	%	43.31%
Maintenance Spares for WC	%	15%
Receivables for WC	Days	45.00
Base Rate of Return on Equity	%	15.0%
SBI MCLR Rate + 350 basis points as on 01.04.2019	%	12.05%

1. Month wise 10-day Design energy figures to be given separately with the petition.



Salient Features of Hydroelectric Project

Name of the Petitioner : ALAKNANDA HYDRO POWER COMPANY LIMITED
Name of the Generating Station : 330 MW (4 x 82.5 MW) SHRINAGAR HYDROELECTRIC PROJECT

1. Location		
State/Distt.	Uttar Pradesh	
River	Alaknanda	
2. Diversion Tunnel		
Size, shape	10m dia, Circular	
Length (M)	500 m	
3. Dam		
Type	Concrete Gravity	
Maximum dam height (M)	Maximum height of dam above i) deepest foundation - 90m and ii) deepest river bed - 66m	
4. Spillway		
Type	Flip Bucket, 8 bays of 14.0 m width each	
Crest level of spillway (M)	584.5 m	
5. Reservoir		
Full Reservoir Level (FRL) (M)	605.5 m	
Minimum Draw Down Level (MDDL) (M)	603 m	
Live storage (MCM)	8 MCM	
6. De-silting Chamber		
Type	Open	
Number and Size	Two Chambers (240 m x 158.5 m incl. divide wall x 13.0 m)	
Particle size to be removed(mm)	0.25 mm and above	
7. Head Race Tunnel		
Size and type	2 nos. 13 m finished dia, Circular	
Length (M)	889 m	
Design discharge(Cumecs)	660Cumecs	
8. Surge Shaft		
Type		
Diameter (M)		
Height (M)		
9. Penstock/Pressure shafts		
Type	4 Surface	
Diameter & Length (M)	4 nos. 5.6 m & 114 m	
10. Power House		
Installed capacity (No of units x MW)	4 x 82.5 MW	
Type of turbine	Vertical Francis	
Rated Head(M)	67.20 m (Gross head) & 65.97 m (Net head)	
Rated Discharge(Cumecs)	560 cumecs	
Head at Full Reservoir Level (M)		
Head at Minimum Draw down Level (M)		
MW Capability at FRL		
MW Capability at MDDL		
11. Tail Race Tunnel/Channel		
Diameter (M) , shape	Trapezoidal lined section	
Length (M)	140 m, bed width 85 m	
Minimum tail water level (M)	530.90 m	
12. Switchyard		
Type of Switch gear	400kV, One and half breaker scheme	
No. of generator bays	4	
No. of Bus coupler bays	NA	
No. of line bays	4	

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



Part II
FORM - 4

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

Name of the Petitioner: Alaknanda Hydro Power Company Limited
Name of the Generating Station: 330 MW Shrinagar Hydro-electric project

Exchange Rate as on 21.06.2015: Rs.60.76

S. No.	Financial Year (Starting from COD)	2007-2008				2008-2009				2009-2010				2010-2011				2011-2012			
		Date	Amount (Foreign Currency)	Exchange Rate	Amount (Rs.)	Date	Amount (Foreign Currency)	Exchange Rate	Amount (Rs.)	Date	Amount (Foreign Currency)	Exchange Rate	Amount (Rs.)	Date	Amount (Foreign Currency)	Exchange Rate	Amount (Rs.)	Date	Amount (Foreign Currency)	Exchange Rate	Amount (Rs.)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	Currency ¹ - US \$																				
1	At the date of Draw ²	31.12.07	10.00	39.35	393.50	06.05.08	10.00	40.64	406.40												
2	At the date of Draw ²					31.07.08	10.00	42.63	426.30												
3	At the date of Draw ²					12.09.08	10.00	45.26	452.57												
4	Scheduled repayment date of principal																	01.01.12	0.50	53.37	26.69
5	Scheduled repayment date of principal																	01.04.12	0.50	50.98	25.49
6	Scheduled repayment date of principal																				
7	Scheduled repayment date of principal																				
8	Scheduled payment date of interest	31.03.08	0.18	39.93	7.38	30.06.08	0.21	43.01	9.15	30.06.09	0.37	48.27	18.06	30.06.10	0.28	46.74	13.09	30.06.11	0.28	44.76	12.61
9	Scheduled payment date of interest					30.09.08	0.39	47.27	18.58	30.09.09	0.31	48.14	14.98	30.09.10	0.30	45.05	13.73	30.09.11	0.28	48.92	13.63
10	Scheduled payment date of interest					31.12.08	0.64	48.76	31.11	31.12.09	0.29	46.85	13.37	31.12.10	0.29	44.98	12.87	31.12.11	0.29	53.37	15.54
11	Scheduled payment date of interest					31.03.09	0.39	51.12	20.14	31.03.10	0.27	45.08	12.31	31.03.11	0.28	44.84	12.48	31.03.12	0.31	50.98	15.58
12	At the end of Financial year	31.03.08	10.00	39.37	393.70	31.03.09	40.00	51.55	2,062.00	31.03.10	40.00	45.33	1,813.20	31.03.11	40.00	44.84	1,793.60	31.03.12	39.00	50.87	1,983.93

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 on 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.



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Part II
FORM - 4

Details of Foreign loans
(Details only in respect of loans apf

Name of the Petitioner: Alaknand
Name of the Generating Station:

Exchange Rate as on 21.06.2015:
(Rs. Million)

S. No.	Financial Year (Starting from COD)	2012-2013				2013-2014				2014-2015				2015-2016				2016-2017			
		Date	Amount (Foreign Currency)	Exchange Rate	Amount (Rs.)	Date	Amount (Foreign Currency)	Exchange Rate	Amount (Rs.)	Date	Amount (Foreign Currency)	Exchange Rate	Amount (Rs.)	Date	Amount (Foreign Currency)	Exchange Rate	Amount (Rs.)	Date	Amount (Foreign Currency)	Exchange Rate	Amount (Rs.)
1	2	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
	Currency ¹ - US \$																				
1	At the date of Drawl ²																				
2	At the date of Drawl ²																				
3	At the date of Drawl ²																				
4	Scheduled repayment date of principal	01.07.12	0.50	55.98	27.99	01.07.13	0.50	59.82	29.91	01.07.14	0.50	60.20	30.10	01.07.15	0.50	65.85	32.93	01.07.16	0.50	66.78	33.39
5	Scheduled repayment date of principal	01.10.12	0.50	53.50	26.75	01.10.13	0.50	62.03	31.01	01.10.14	0.50	63.85	31.92	01.10.15	0.50	65.73	32.86	01.10.16	0.50	68.12	34.06
6	Scheduled repayment date of principal	01.01.13	0.50	54.94	27.47	01.01.14	0.50	60.89	30.45	01.01.15	0.50	63.56	31.78	01.01.16	0.50	66.40	33.20	01.01.17	0.50	65.72	32.86
7	Scheduled repayment date of principal	01.04.13	0.50	54.55	27.28	01.04.14	0.50	60.41	30.21	01.04.15	0.50	63.97	31.99	01.04.16	0.50	67.86	33.93	01.04.17	0.50	64.86	32.43
8	Scheduled payment date of interest	30.06.12	0.29	55.98	16.27	30.06.13	0.26	59.82	15.46	30.06.14	0.24	63.97	15.55	30.06.15	0.24	65.85	15.87	30.06.16	0.26	66.78	17.10
9	Scheduled payment date of interest	30.09.12	0.29	53.50	15.48	30.09.13	0.26	62.02	16.29	30.09.14	0.24	65.85	15.76	30.09.15	0.24	65.73	15.57	30.09.16	0.25	68.12	17.15
10	Scheduled payment date of interest	31.12.12	0.28	54.93	15.15	31.12.13	0.26	60.89	15.65	31.12.14	0.24	66.80	16.16	31.12.15	0.23	66.40	15.40	31.12.16	0.26	65.72	16.98
11	Scheduled payment date of interest	31.03.13	0.26	54.55	13.96	31.03.14	0.25	60.76	15.21	31.03.15	0.23	66.40	15.10	31.03.16	0.26	67.86	17.31	31.03.17	0.27	64.86	17.26
12	At the end of Financial year	31.03.13	37.00	55.05	2,036.85	31.03.14	35.00	60.76	2,126.60	31.03.15	33.00	64.45	2,126.85	31.03.16	31.00	67.23	2,084.13	31.03.17	29.00	64.84	1,880.36

¹ Name of the currency to be i
² In case of more than one dir
³ Furnish details of hedging, i
⁴ Tax (such as withholding ta

(Petitioner)



Details of Foreign loans
(Details only in respect of loans app

Name of the Petitioner: Alaknand
Name of the Generating Station:

Exchange Rate as on 21.06.2015:
(Rs. Million)

S. No.	Financial Year (Starting from COD)	2022-23			2023-24				
		Date	Amount (Foreign Currency)	Exchange Rate	Amount (Rs.)	Date	Amount (Foreign Currency)	Exchange Rate	Amount (Rs.)
1	2	47	48	49	50	47	48	49	50
	Currency ¹ - US \$								
1	At the date of Drawl ²								
2	At the date of Drawl ²								
3	At the date of Drawl ²								
4	Scheduled repayment date of principal	01-Jul-22	0.75	75.60	56.70	01-Jul-23	0.75	75.60	56.70
5	Scheduled repayment date of principal	01-Oct-22	0.75	75.60	56.70	01-Oct-23	0.75	75.60	56.70
6	Scheduled repayment date of principal	01-Jan-23	0.75	75.60	56.70	01-Jan-24	1.00	75.60	75.60
7	Scheduled repayment date of principal	01-Apr-23	0.75	75.60	56.70	01-Apr-24	1.00	75.60	75.60
8	Scheduled payment date of interest	30.06.22	0.20	75.60	15.40	30.06.23	0.17	75.60	12.72
9	Scheduled payment date of interest	30.09.22	0.20	75.60	14.90	30.09.23	0.16	75.60	12.19
10	Scheduled payment date of interest	31.12.22	0.19	75.60	14.22	31.12.23	0.15	75.60	11.51
11	Scheduled payment date of interest	31.03.23	0.18	75.60	13.24	31.03.24	0.14	75.60	10.71
12	At the end of Financial year	31.03.19	13.50	68.45	924.08	31.03.19	10.00	68.45	684.50

- ¹ Name of the currency to be i
² In case of more than one dr:
³ Furnish details of hedging, i
⁴ Tax (such as withholding ta:


(Petitioner)



Abstract of Admitted Capital Cost for the existing Projects

Name of the Petitioner :

ALAKNANDA HYDRO POWER COMPANY LIMITED

Name of the Generating Station :

330 MW (4 x 82.5 MW) SHRINAGAR HYDROELECTRIC PROJECT

Capital Cost as admitted by UPERC

Capital Cost as admitted by UPERC		
a	Capital cost admitted as on _____	
	(Give reference of relevant UPERC Order with Petition No.& Date)	
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)	



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

Name of the Petitioner :

ALAKNANDA HYDRO POWER COMPANY LIMITED

Name of the Generting Station :

330 MW (4 x 82.5 MW) SHRINAGAR HYDROELECTRIC PROJECT

(Rs. Lakh.)

Sl.No.	Break Down	Cost in Rs. Millions		Liabilities/ Provisions (5)	Variation (Rs. Cr.)	Reasons for Variation
		Provisional capital cost approved by UPERC as recommended by expert committee on 30-01-2014	Final Approved By UPERC in Order dated 24/08/2020			
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1.0	Infrastructure Works					
1.1	Preliminary Investigation and Site Development					
1.2	Land					
1.3	Buildings					
1.4	Township					
1.5	Maintenance					
1.6	Tools and Plant					
1.7	Communication					
1.8	Environment & Ecology					
1.9	Losses on stock					
1.10	Receipt and recoveries					
1.11	Other miscellaneous fixed assets					
1.12	Total (Infrastructure)					
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 equipment					
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 & Precommissioning expenses					
6.1	Erection, testing & commissioning					
6.2	Construction					
6.3	Site supervision					
6.4	Total (Const. & Precommissioning)					
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)					
	Payment GoUP					
8.0	Capital Cost without IDC, EC, FEPV & Hedging Cost					

Not Applicable



Sl.No.	Break Down	Cost in Rs. Millions		Liabilities/ Provisions (5)	Variation (Rs. Cr.)	Reasons for Variation
		Provisional capital cost approved by UPERC as recommended by expert committee on 30-01-2014	Final Approved By UPERC in Order dated 24/08/2020			
(1)	(2)	(3)	(4)	(5)	(6)	(7)
9.0	IDC, FC, FERV & Hedging Cost					
9.1	Interest During					
9.2	Financing Charges					
9.3	Foreign Exchange					
9.4	Hedging Cost					
9.5	Total of IDC, FC, FERV					
	Less: Other Income During the Course of Construction					
10	Capital cost including					
	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.					



Break up of Capital Cost for Plant & Equipment

Part II
FORM - 5C

Name of the Petitioner : Alaknanda Hydro Power Company Limited
Name of the Generating Station : 330 MW Shrinagar Hydro-electric project

S. No.	Head of works	Original Cost as approved by Authority	Cost on COD	Variation	Reasons for variation	Admitted cost
1	2	3	4	5	6	7
As Submitted in Form 5-B and Form 5E-i						

Note:

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.



Break-up of Construction / Supply / Service packages

Name of the Petitioner: Alaknanda Hydro Power Company Limited
 Name of the Generating Static 330 MW Shrinagar Hydro-electric project

Sl. No.	Name / No. of Construction / Supply / Service Package	(Rs. in Lakh)											
		M/s NCC-GVKPTSL Consortium	M/s NCC-GVKPTSL Consortium	M/s Precision Infra Tech Ltd.	M/s Bharat Heavy Electricals Ltd.	M/s SMEC International Pty. Ltd.	M/s TATA Consulting Engineers Ltd.	M/s SGS India Pvt. Ltd.	11	12	13	14	15
1	2	4	5	7	8	9	10	11	12	13	14	15	16
1		Not Applicable											
2													
3													
4													
5													
6													
7													
8													
9													
10													

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

(Petitioner)



In case there is time over run

Name of the Petitioner: Alaknanda Hydro Power Company Limited
Name of the Generating Station: 330 MW Shrinagar Hydro-electric project

S. No	Description of Activity/ Works/ Service	Scheduled Completion Date (As per PPA)	Actual Completion Date	Time Over- Run Days	Reasons for delay	Other Activities effected
1	Land Acquisition					
2	Major Civil Works					
3	Hydro-Mechanical Works					
4	Electro-Mechanical Works (Boxing up of machines)					
	Unit#1					
	Unit#2					
	Unit#3					
	Unit#4					
5	Pre-Commissioning Activities					
a	Impounding of Reservoir					
b	Associated Transmission System and inter connection facilities					
8	COD of Units					
	COD Unit-I					
	COD Unit-II					
	COD Unit-III					
	COD Unit-IV					

Not Applicable

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



(Petitioner)

In Case There is Claim for Additional ROE

Name of the Petitioner : **Alknanda Hydro Power Company Limited**
 Name of the Generating Station : **330 MW Shrinagar Hydro-electric project**

Project	Completion time as per Investment Approval (Months)				Actual Completion Time				Qualifying time schedule (As per regulation)
	Start Date	Scheduled COD	Months	Installed Capacity	Start Date	Actual COD	Actual Completion time in Months	Tested Capacity	
Unit I									
Unit II									
Unit III									
Unit IV									

NOT APPLICABLE

Note: Necessary documentary evidence in support of actual completion time to be submitted in accordance with Regulations.



Financial Package upto COD

Name of the Petitioner : **ALAKNANDA HYDRO POWER COMPANY LIMITED**
 Name of the Generating Station : **330 MW (4 x 82.5 MW) SHRINAGAR HYDROELECTRIC PROJECT**
 Project Cost as on COD:
 Date of Commercial Operation of the Station:

(Rs. In Million)

1	Financial Package as Approved Currency and Amounts		Financial Package as on Currency and Amounts		Financial Package as on Currency and Amounts		As Admitted on COD Currency and Amounts	
	2	3	4	5	4	5	6	7
Loan-I	INR	3,19,200.00		396131	0	396131	322733	
Loan-II	US \$ (@ 1\$= 40.25)	40.00		21644	0	21644		
Loan-								
Foreign	16,100.00							
Domestic	319200							
Total loan(Rs)	335300			417775		417775	322733	
Equity-								
Foreign								
Domestic	8390			111820	0	116503	83464	
Total Equity(Rs)	8390			111820		116503	83464	
Total Cost	343690			529595		534278	406197	
Debt : Equity Ratio								

- Say Rs. 80 Cr. + US\$ 200 m or Rs. 1320 Cr. including US\$ 200 m at an exchange rate of US\$=Rs62
- Date of commercial operation means commercial operation as on LastUnit
- For example: US \$ 200m, etc.

Equity %	2.00	Equity %	21.00	Equity %	#DIV/0!	20.55%
Debt %	98.00	Debt %	79.00	Debt %	#DIV/0!	79.45%



Details of Project Specific Loans

Name of the Petitioner : ALAKNANDA HYDRO POWER COMPANY LIMITED
Name of the Generating Station : 330 MW (4 x 82.5 MW) SHRINAGAR HYDROELECTRIC PROJECT

Particulars	Package1		Package2		Package3			Package4			Package5	Total
	Currency	INR	INR	INR	INR	INR	INR	INR	INR	INR	USD	7
Loan No.			Banks/ Fls	PFC	REC	Total	Banks/ Fls	PFC	REC	Total	Banks	
Source of Loan												
Andhra Bank	100	30	0	0	0	0	16.055	0	0	16.055	0	146.055
Axis Bank	0	100	0	0	0	0	42.355	0	0	42.355	33.5	142.355
Central Bank of India	100	0	96.21	0	0	96.21	23.486	0	0	23.486	0	219.696
Corporation Bank	100	30	0	0	0	0	16.055	0	0	16.055	0	146.055
Dena Bank	100	0	0	0	0	0	11.312	0	0	11.312	0	111.312
Indian Bank	100	0	0	0	0	0	12.35	0	0	12.35	0	112.35
IDBI Bank Ltd.	125	178	0	0	0	0	37.42	0	0	37.42	0	340.42
Punjab National bank	250	100	144.25	0	0	144.25	60.139	0	0	60.139	0	554.389
Uco Bank	100	30	0	0	0	0	16.055	0	0	16.055	0	146.055
United Bank of India	100	35	0	0	0	0	16.672	0	0	16.672	0	151.672
Vijaya bank	100	0	0	0	0	0	12.35	0	0	12.35	0	112.35
	0	0	0	0	0	0	0	0	0	0	0	0
India Infrastructure Finance Co. Ltd.	249	0	0	0	0	0	30.751	0	0	30.751	0	279.751
Life Insurance Corporation of India	70	0	0	0	0	0	8.645	0	0	8.645	0	78.645
Power Finance Corporation Limited	0	0	0	437.89	0	437.89	0	55.566	0	55.566	0	493.456
Rural Electrification Company Limited	0	0	0	0	456.89	456.89	0	0	54.049	54.049	0	510.939
Total	1494	503	240.46	437.89	456.89	1135.24	303.645	55.566	54.049	413.26	33.5	3545.5
Amount of loan sanctioned												
Amount of Gross Loan drawn upto 31.03.2014/COD	1494.00	503.00	240.46	437.89	456.89	1135.24	303.645	55.566	54.049	413.26	33.5	3545.5
Interest Type	Fixed with Annual Reset	Fixed with Annual Reset	Fixed with Annual Reset	Fixed with reset every 3 years	Fixed with reset every 3 years		Fixed with Annual Reset	Fixed with reset every 3 years	Fixed with reset every 3 years		Floating	
Fixed Interest Rate, if applicable	12.35% till reset	12.35% till reset	12.35% till reset	13.75% till reset	13.25% till reset		12.35% till reset	13.75% till reset	13.25% till reset			
Base Rate, if Floating Interest											3 month LIBOR	
Margin, if Floating Interest											248 bps	
Are there any Caps/Floor	No	No	No	No	No	No	No	No	No	No	No	No
If above is yes, specify caps/floor												
Moratorium Period	3 months	3 months	3 months	3 months	3 months		3 months	3 months	3 months			
Moratorium effective from	31/1/2015	31/1/2015	31/1/2015	31/1/2015	31/1/2015		31/1/2015	31/1/2015	31/1/2015		NA	
Repayment Period	11.5Yrs	11.5Yrs	11.5Yrs	11.5Yrs	11.5Yrs		10 yrs	10 yrs	10 yrs		11.5Yrs	
Repayment effective from	01-05-15	01-05-15	01-05-15	15/7/15	30/06/15		01-05-15	15/7/15	30/06/15		01-04-15	
Repayment Frequency	Quarterly	Quarterly	Quarterly	Quarterly	Quarterly		Quarterly	Quarterly	Quarterly		Quarterly	
Repayment Instalment	47 structured repayment instalments	47 structured repayment instalments	47 structured repayment instalments	47 Equated monthly installments	47 Equated monthly installments		40 structured repayment instalments	40 structured repayment instalments	40 Equated monthly installments		47 structured repayment instalments	
Base Exchange Rate												US\$= INR 40.25

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. Applicable base rate on different dates from the date of drawl may also be enclosed.

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

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

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

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

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

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

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

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

¹⁶ Base exchange rate means the exchange rate prevailing as on 31.03.2004 for existing assets and as on COD for the remaining assets.



Details of Allocation of corporate loans to various projects

Name of the Petitioner : **ALAKNANDA HYDRO POWER COMPANY LIMITED**
 Name of the Generating Station : **330 MW (4 x 82.5 MW) SHRINAGAR HYDROELECTRIC PROJECT**

(Rs Cr)

Particulars	Package1	Package2	Package3	Package4	Package5	Package6	Package7	Total
1	2	3	4	5	6	7	8	9
Source of Loan								
Currency								
Amount of Loan sanctioned								
Amount of Gross Loan drawn upto 31.03.2012/COD								
Interest Type	Not Applicable							
Fixed Interest Rate, if applicable								
Base Rate, if Floating Interest								
Margin, if Floating Interest								
Are there any Caps/Floor								
If above is yes,specify caps/floor								
Moratorium Period								
Moratorium effective from								
Repayment Period								
Repayment effective from								
Repayment Frequency								
Repayment Instalment								
Base Exchange Rate								
Name of the Projects								
Total								

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 31.03.2004 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. 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 and its allocation 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.

¹⁶ Base exchange rate means the exchange rate prevailing as on 31.03.2004 for existing assets and as on COD for the remaining assets.



Yearwise Statement of Additional Capitalisation after COD

Name of the Petitioner: Alaknanda Hydro Power Company Limited
Name of the Generating Station: 330 MW Shrinagar Hydro-electric project

(Rs.Lakhs)

For Financial Year: FY 2018-19								
S. No.	Head of Work/ Equipment	Accrual basis	Undischarged Liability included in col. 3	Cash basis	IDC included In col. 3	Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
1	Liabilities discharged	205.00	0.00	205.00	0.00	Regulation 40 (2) (iv)	Deferred liabilities within original scope	Not Applicable
Total		205.00	0.00	205.00	0.00			

For Financial Year: FY 2019-20								
S. No.	Head of Work/ Equipment	Accrual basis	Undischarged Liability included in col. 3	Cash basis	IDC Included In col. 3	Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
1		2,056.25		2,056.25				
2								
Total		2,056.25	0.00	2,056.25	0.00			

For Financial Year: FY 2020-21								
S. No.	Head of Work/ Equipment	Accrual basis	Undischarged Liability included in col. 3	Cash basis	IDC included in col. 3	Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
1		2,199.00						
2								
3								
4								
Total		2,199.00	0.00	0.00	0.00			

For Financial Year: FY 2021-22								
S. No.	Head of Work/ Equipment	Accrual basis	Undischarged Liability included in col. 3	Cash basis	IDC included in col. 3	Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
1								
Total		743.00	0.00	0.00	0.00			

For Financial Year: FY 2022-23								
S. No.	Head of Work/ Equipment	Accrual basis	Undischarged Liability included in col. 3	Cash basis	IDC included in col. 3	Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
1								
Total		1,136.44	0.00	0.00	0.00			

For Financial Year: FY 2023-24								
S. No.	Head of Work/ Equipment	Accrual basis	Undischarged Liability included in col. 3	Cash basis	IDC included In col. 3	Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
1								
Total		0.00	0.00	0.00	0.00			



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

Name of the Petitioner :

ALAKNANDA HYDRO POWER COMPANY LIMITED

Name of the Generating Station :

330 MW (4 x 82.5 MW) SHRINAGAR HYDROELECTRIC PROJECT

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

Note:

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



Statement showing items/assets/works claimed under Exclusions

Name of the Petitioner : **ALAKNANDA HYDRO POWER COMPANY LIMITED**
 Name of the Generating Station : **330 MW (4 x 82.5 MW) SHRINAGAR HYDROELECTRIC PROJECT**
 COD

Sl.No.	Head of Work/ Equipment	ACE Claimed under Exclusion				Justification
		Accrual basis	Undischarged Liability included in col. 3	Cash basis	IDC included in col. 3	
(1)	(2)	(3)	(4)	(5=3-4)	(6)	(9)
		NIL				

Note:
 1 Exclusions claimed on assets not allowed in Tariff should be supported by the specific reference of Commission Order date, Petition No., amount disallowed, etc.
 2 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.



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

Name of the Petitioner :

ALAKNANDA HYDRO POWER COMPANY LIMITED

Name of the Generating Station :

330 MW (4 x 82.5 MW) SHRINAGAR HYDROELECTRIC PROJECT

Amount in Rs. Lakh

As on 31.03.2016

S. No.	Variables	Amount in Rs. Lakh As on 31.03.2016
A	Opening Gross Block Amount as per books	0.00
	Amount of capital liabilities in A(a) above	0.00
	Amount of IDC in A(a) above	0.00
	Amount of FC in A(a) above	0.00
	Amount of FERV in A(a) above	0.00
	Amount of Hedging Cost in A(a) above	0.00
	Amount of IEDC in A(a) above	0.00
B	Addition in Gross Block Amount during the period (Direct purchases)	0.00
	Amount of capital liabilities in B(a) above	0.00
	Amount of IDC in B(a) above	0.00
	Amount of FC in B(a) above	0.00
	Amount of FERV in B(a) above	0.00
	Amount of Hedging Cost in B(a) above	0.00
	Amount of IEDC in B(a) above	0.00
C	Addition in Gross Block Amount during the period (Transferred from CWIP)	0.00
	Amount of capital liabilities in C(a) above	0.00
	Amount of IDC in C(a) above	0.00
	d) Amount of FC in C(a) above	0.00
	e) Amount of FERV in C(a) above	0.00
	f) Amount of Hedging Cost in C(a) above	0.00
	g) Amount of IEDC in C(a) above	0.00
D	a) Deletion in Gross Block Amount during the period	0.00
	b) Amount of capital liabilities in D(a) above	0.00
	c) Amount of IDC in D(a) above	0.00
	d) Amount of FC in D(a) above	0.00
	e) Amount of FERV in D(a) above	0.00
	f) Amount of Hedging Cost in D(a) above	0.00
	g) Amount of IEDC in D(a) above	0.00
E	a) Closing Gross Block Amount as per books	0.00
	b) Amount of capital liabilities in E(a) above	0.00
	c) Amount of IDC in E(a) above	0.00
	d) Amount of FC in E(a) above	0.00
	e) Amount of FERV in E(a) above	0.00
	f) Amount of Hedging Cost in E(a) above	0.00
	g) Amount of IEDC in E(a) above	0.00

Note: Relevant date/s means date of COD of unit/s/station and financial year start date and end date

Petitioner



**Statement of Capital works in progress
(To be given for relevant dates and year wise)**

Name of the Petitioner :

ALAKNANDA HYDRO POWER COMPANY LIMITED

Name of the Power Station :

330 MW (4 x 82.5 MW) SHRINAGAR HYDROELECTRIC PROJECT

Amount in Rs. Lakh

S. No.	Variables	As on Relevant Date
A	Opening CWIP as per books	
	Amount of capital liabilities in A(a) above	
	Amount of IDC in A(a) above	
	Amount of FC in A(a) above	
	Amount of FERV in A(a) above	
	Amount of Hedging Cost in A(a) above	
	Amount of IEDC in A(a) above	
B	Addition in CWIP during the period	
	Amount of capital liabilities in B(a) above	
	Amount of IDC in B(a) above	
	Amount of FC in B(a) above	
	Amount of FERV in B(a) above	
	Amount of Hedging Cost in B(a) above	
	Amount of IEDC in B(a) above	
C	Transferred to Gross Block Amount during the period	
	Amount of capital liabilities in C(a) above	
	Amount of IDC in C(a) above	
	Amount of FC in C(a) above	
	Amount of FERV in C(a) above	
	Amount of Hedging Cost in C(a) above	
	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	

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



Financing of Additional Capitalisation

ALAKNANDA HYDRO POWER COMPANY LIMITED
330 MW (4 x 82.5 MW) SHRINAGAR HYDROELECTRIC PROJECT

Name of the Petitioner:
Name of the Generating Station:
Date of Commercial Operation

Amount in Rs Lakh

	Actual					Admitted				
	Year 1	Year 2	Year 3	Year 4	Year 5 & so on	Year 1	Year 2	Year 3	Year 4	Year 5 & so on
Financial Year (Starting from COD): 1	2	3	4	5	6	7	8	9	10	11
Amount Capitalized in Work/Equipment										
Financing Details	Not Applicable									
Loan-1										
Loan-2										
Loan-3 and so on										
Total Loan?										
Equity										
Internal Resources										
Others (Pl. specify)										
Total										

Note:

- Year 1 refers to Financial Year of COD and Year 2; Year 3 etc. are the subsequent financial years respectively.
- Loan details for meeting the additional capitalisation requirement should be given as per FORM-7 or 8 whichever is relevant.



Statement of Depreciation

ALAKNANDA HYDRO POWER COMPANY LIMITED
330 MW (4 x 82.5 MW) SHRINAGAR HYDROELECTRIC PROJECT

Name of the Petitioner :
Name of the Generating Station :

S. No.	Particulars	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	8
1	Opening Capital Cost	389390.00	397872.00	398925.00	399433.00	399638.00	401694.25	403893.25	404636.25	405772.69	0.00
	Closing Capital Cost	397872.00	398925.00	399433.00	399638.00	401694.25	403893.25	404636.25	405772.69	405772.69	0.00
	Average Capital Cost	393631.00	398398.50	399179.00	399535.50	400666.13	402793.75	404264.75	405204.47	405772.69	0.00
	Freehold land	1429	1429.00	1429.00	1429.00	1429.00	1429.00	1429.00	1429.00	1429.00	4.10%
	Rate of depreciation	3.77%	3.77%	3.77%	3.77%	3.77%	3.77%	3.77%	3.77%	3.77%	0.00
	Depreciable value	352981.80	357272.55	357975.00	358295.85	359313.41	361228.28	362552.18	363397.92	363909.32	0.00
	Balance useful life at the beginning of the period	35									
	Remaining depreciable value	352981.80	345747.55	331469.00	316779.85	302774.41	289623.26	275800.86	261444.80	246718.92	0.00
	Depreciation (for the period)	11525.00	14981.00	15010.00	15023.00	15066.01	15146.30	15201.81	15237.27	15258.72	0.00
	Depreciation (annualised)	11525.00	14981.00	15010.00	15023.00	15066.01	15146.30	15201.81	15237.27	15258.72	0.00
	Cumulative depreciation at the end of the period										
	Less: Cumulative depreciation adjustment on account of un-discharged liabilities deducted as on 01.04.2009/Station COD										
	Less: Cumulative depreciation adjustment on account of de-capitalisation										
	Net Cumulative depreciation at the end of the period	11525.00	26506.00	41516.00	56539.00	71605.01	86751.31	101953.13	117190.40	132449.12	

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

Petitioner



Calculation of Weighted Average Rate of Interest on Actual Loans

Name of the Petitioner:
Name of the Generating Station:

Alaknanda Hydro Power Company Limited
330 MW Shrinagar Hydro-electric project

Amount in Rs Lakh

From To	23-Apr-15 01-May-15	02-May-15 20-Jun-15	21-Jun-15 31-Mar-16	01-Apr-16 31-Mar-17	01-Apr-17 31-Mar-18	01-Apr-18 31-Mar-19	01-Apr-19 31-Mar-20	01-Apr-20 31-Mar-21	01-Apr-21 31-Mar-22	01-Apr-22 31-Mar-23	01-Apr-23 31-Mar-24
Loan-1 (Rupee Term Loans other than PFC & REC)											
Gross loan - Opening	2,81,160	2,81,160	2,81,160	2,81,160	2,81,160	2,81,160	2,81,160	2,81,160	2,81,160	2,81,160	2,81,160
Cumulative repayments of Loans upto previous year	0	0	0	4,306	22,256	45,224	68,913	92,602	1,16,291	1,39,980	1,63,669
Net loan - Opening	2,81,160	2,81,160	2,81,160	2,76,854	2,58,904	2,36,936	2,12,247	1,88,558	1,64,869	1,41,180	1,17,491
Add: Drawal(s) during the Year											
Less: Repayment (s) of Loans during the year	4,306	4,306	4,306	17,950	22,968	23,659	23,689	23,689	23,689	23,689	23,689
Net loan - Closing	2,76,854	2,76,854	2,76,854	2,58,904	2,36,936	2,12,247	1,88,558	1,64,869	1,41,180	1,17,491	93,802
Average Net Loan	2,79,007	2,79,007	2,79,007	2,87,879	2,47,420	2,24,092	2,00,403	1,76,714	1,53,025	1,29,336	1,05,647
Rate of Interest on Loan on annual basis ¹	12.35%	12.35%	12.35%	12.35%	12.35%	12.35%	12.57%	12.57%	12.57%	12.57%	12.57%
Interest on loan	26,832	26,832	26,832	33,083	30,558	27,875	25,191	22,213	19,235	16,257	13,280
Loan-2 (Rupee Term Loans from PFC)											
Gross loan - Opening	50,342	50,342	50,342	50,342	50,342	50,342	50,342	50,342	50,342	50,342	50,342
Cumulative repayments of Loans upto previous year	0	0	0	2,492	7,476	12,460	17,444	22,428	27,412	32,396	37,380
Net loan - Opening	50,342	50,342	50,342	47,850	42,866	37,882	32,898	27,914	22,930	17,946	12,962
Add: Drawal(s) during the Year											
Less: Repayment (s) of Loans during the year	2,492	2,492	2,492	4,984	4,984	4,984	4,984	4,984	4,984	4,984	4,984
Net loan - Closing	53,850	53,850	53,850	48,866	43,882	38,898	33,914	28,930	23,946	18,962	13,978
Average Net Loan	55,098	55,098	55,098	51,358	46,374	41,390	36,406	31,422	26,438	21,454	16,470
Rate of Interest on Loan on annual basis ²	13.75%	13.75%	13.75%	13.75%	13.75%	13.75%	13.65%	13.65%	13.65%	13.65%	13.65%
Interest on loan	5,899	5,899	5,899	7,062	6,378	5,691	4,989	4,289	3,609	2,928	2,248
Loan-3 (Rupee Term Loans from REC)											
Gross loan - Opening	58,628	58,628	58,628	58,628	58,628	58,628	58,628	58,628	58,628	58,628	58,628
Cumulative repayments of Loans upto previous year	0	0	0	2,586	7,758	12,930	18,102	23,274	28,446	33,618	38,790
Net loan - Opening	58,628	58,628	58,628	56,042	50,870	45,698	40,526	35,354	30,182	25,010	19,838
Add: Drawal(s) during the Year											
Less: Repayment (s) of Loans during the year	2,586	2,586	2,586	5,172	5,172	5,172	5,172	5,172	5,172	5,172	5,172
Net loan - Closing	66,042	66,042	66,042	60,870	55,698	50,526	45,354	40,182	35,010	29,838	24,666
Average Net Loan	61,335	61,335	61,335	57,456	53,482	49,508	45,534	41,560	37,586	33,612	29,638
Rate of Interest on Loan on annual basis ³	13.25%	13.25%	13.25%	13.25%	13.25%	13.25%	12.93%	12.93%	12.93%	12.93%	12.93%
Interest on loan	5,916	5,916	5,916	7,083	6,398	5,712	4,906	4,237	3,568	2,899	2,231
Loan-4 (FCTL Loan from Axis Bank)											
Gross loan - Opening	16,100	16,100	16,100	16,100	16,100	16,100	16,100	16,100	16,100	16,100	16,100
Cumulative repayments of Loans upto previous year	6,843	6,843	6,843	7,446	8,251	9,056	9,861	10,666	11,471	12,276	13,081
Net loan - Opening	9,258	9,258	9,258	8,654	7,849	7,044	6,239	5,434	4,629	3,824	3,019
Add: Drawal(s) during the Year											
Less: Repayment (s) of Loans during the year	804	804	804	805	805	805	805	805	805	805	805
Net loan - Closing	8,654	8,654	8,654	7,849	7,044	6,239	5,434	4,629	3,824	3,019	2,214
Average Net Loan	8,956	8,956	8,956	8,251	7,446	6,641	5,836	5,031	4,226	3,421	2,616
Rate of Interest on Loan on annual basis	5.01%	5.01%	5.01%	5.01%	5.01%	5.01%	5.01%	5.01%	5.01%	5.01%	5.01%
Interest on loan	349	349	349	413	373	332	292	252	212	171	131
Total Loan											
Gross loan - Opening	4,12,230	4,12,230	4,12,230	4,12,230	4,12,230	4,12,230	4,12,230	4,12,230	4,12,230	4,12,230	4,12,230
Cumulative repayments of Loans upto previous year	6,843	6,843	6,843	16,830	45,741	79,670	1,14,320	1,48,970	1,83,620	2,18,270	2,52,920
Net loan - Opening	4,05,388	4,05,388	4,05,388	3,95,400	3,66,489	3,32,560	2,97,910	2,63,260	2,28,610	1,93,960	1,59,310
Add: Drawal(s) during the Year	0	0	0	0	0	0	0	0	0	0	0
Less: Repayment (s) of Loans during the year	9,988	9,988	9,988	26,911	33,929	34,650	34,650	34,650	34,650	34,650	34,650
Net loan - Closing	3,95,400	3,95,400	3,95,400	3,66,489	3,32,560	2,97,910	2,63,260	2,28,610	1,93,960	1,59,310	1,24,660
Average Net Loan	4,00,394	4,00,394	4,00,394	3,80,944	3,49,524	3,15,235	2,80,585	2,45,935	2,11,285	1,76,635	1,41,985
Interest on loan	38,995	38,995	38,995	47,641	43,703	39,411	35,358	30,991	26,624	22,257	17,890
Weighted average Rate of Interest on Loans	12.51%	12.51%	12.51%	12.51%	12.50%	12.50%	12.60%	12.60%	12.60%	12.60%	12.60%

Note:

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



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Calculation of Interest on Normative Loan

Name of the Petitioner :
Name of the Generating Station :ALAKNANDA HYDRO POWER COMPANY LIMITED
330 MW (4 x 82.5 MW) SHRINAGAR HYDROELECTRIC PROJECT

(Amount in Rs Lakh)

S. No.	Particulars	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7	8
	Gross Normative loan – Opening	3,17,358.00	3,17,521.72	319155.46	320902.617	321492.948	322395.876
	Cumulative repayment of Normative loan upto previous year	41516.00	56539.00	71605.01	86751.31	101953.13	117190.40
	Net Normative loan – Opening	275842.00	260981.88	247549.60	234150.46	219538.98	205204.63
	Add: Increase due to addition during the year / period						
	Less: Repayment during the year	15023.00	15066.01	15146.30	15201.81	15237.27	15258.72
	Less: Decrease due to reversal during the year / period	0.00	0.00	0.00	0.00	0.00	0.00
	Add: Increase due to discharges during the year / period	162.88	1633.74	1747.16	590.33	902.93	0.00
	Net Normative loan - Closing	260981.88	247549.60	234150.46	219538.98	205204.63	189945.91
	Average Normative loan	268411.94	254265.74	240850.03	226844.72	212371.80	197575.27
	Weighted average rate of interest	12.5%	12.60%	12.60%	12.60%	12.60%	12.60%
	Interest on Loan	33557.40	32041.52	30350.37	28584.82	26760.21	24894.59

Petitioner



Calculation of Interest on Working Capital

Name of the Petitioner :
Name of the Generating Station :ALAKNANDA HYDRO POWER COMPANY LIMITED
330 MW (4 x 82.5 MW) SHRINAGAR HYDROELECTRIC PROJECT

S. No.	Particulars	2015-16	2016-17	2017-18	Exsting 2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
1	2				3	4	5	6	7	8
	O & M expenses for the year				11319.00	11824.96	12353.53	12905.74	13482.62	14085.30
	O & M Expenses				943.25	985.41	1029.46	1075.48	1123.55	1173.77
	Maintenance Spares				1697.85	1773.74	1853.03	1935.86	2022.39	2112.79
	Receivables				0.00	8937.43	8812.40	8675.50	8529.85	8356.03
	Total Working Capital				2641.10	11697.00	11695.00	11687.00	11676.00	11643.00
	Rate of Interest				13.55%	12.05%	12.05%	12.05%	12.05%	12.05%
	Interest on Working Capital				357.87	1409.49	1409.25	1408.28	1406.96	1402.98



Other Income as on COD

Name of the Petitioner :
Name of the Generating Station :

ALAKNANDA HYDRO POWER COMPANY LIMITED
330 MW (4 x 82.5 MW) SHRINAGAR HYDROELECTRIC PROJECT

(Amount in Rs Lakh)

S. No.	Particulars	Existing 2013-14	
1	Interest on Loans and advance		Not Applicable
2	Interest received on deposits		
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)		



Incidental Expenditure during Construction up to Scheduled COD and up to Actual/anticipated COD

Name of the Petitioner : **ALAKNANDA HYDRO POWER COMPANY LIMITED**
 Name of the Generating Station : **330 MW (4 x 82.5 MW) SHRINAGAR HYDROELECTRIC PROJECT**

Amount in Rs Lakh

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



Draw Down Schedule for Calculation of IDC & Financing Charges

Name of the Petitioner :

ALAKNANDA HYDRO POWER COMPANY LIMITED

Name of the Generating Station :

330 MW (4 x 82.5 MW) SHRINAGAR HYDROELECTRIC PROJECT

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	Foreign Loans									
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 Loans									
	Draw down Amount									
	IDC									
	Financing charges									
	Foreign Exchange Rate Variation									
	Hedging Cost									
1.	Indian Loans									
1.2.1	Indian Loan ¹									
	Draw down Amount			Amount						
	IDC									
	Financing charges			Fi nanci ng						
1.2.2	Indian Loan ²									
	Draw down Amount	--	--		--	--		--	--	
	IDC									
	Financing charges			charges						
1.2.3	Indian Loan ³									
	Draw down Amount			Amount						
	IDC									
	Financing charges			charges						
1.2.4	--	--	--		--	--		--	--	
	--									
	--									
12	Total Indian Loans									
	Draw down Amount			Amount						
	IDC									
	Financing charges			Fi nanci ng						
1	Total of Loans drawn									
	IDC									
	Financing charges									
	Foreign Exchange Rate Variation									
	Hedging Cost									
2	Equity									
2.	Foreign equity drawn									



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)
2.2	Indian equity drawn									
	Total equity deployed									

Note:

- 1: Drawal of debt and equity shall be on paripassu basis quarter wise to meet the commissioningschedule. 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 capitalization ratio used to be furnished.
- 4: Detailed calculation of IDC(Actual drawl and repaymt dates and amount, rates of interest etc.) should be furnished



 (Petitioner)

Actual Cash Expenditure

Name of the Petitioner : ALAKNANDA HYDRO POWER COMPANY LIMITED
Name of the Generating Station : 330 MW (4 x 82.5 MW) SHRINAGAR HYDROELECTRIC PROJECT

(Amount in Rs. Lakh)

Particulars	Quarter-I	Quarter-II	Quarter-III	Quarter- n (COD)
Payments to contractors / suppliers towards capital assets				
% of fund deployment				

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



PART-II
FORM- 15 B

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

Name of the Petitioner :
Name of the Generting Station :

ALAKNANDA HYDRO POWER
330 MW (4 x 82.5 MW) SHRINAGAR

Month	Unit	Design Energy
April	I	10.79
	II	9.95
	III	11.11
	Total	
May	I	15.94
	II	19.08
	III	28.73
	Total	
June	I	57.11
	II	66.74
	III	56.96
	Total	
July	I	75.24
	II	75.24
	III	82.76
	Total	
August	I	75.24
	II	75.24
	III	82.76
	Total	
September	I	75.24
	II	75.24
	III	54.85
	Total	
October	I	43.44
	II	40.23
	III	29.42
	Total	
November	I	22.91
	II	17.58
	III	16.98
	Total	
December	I	15.77
	II	14.45
	III	14.31
	Total	
January	I	11.11
	II	11.06
	III	11.73
	Total	
February	I	9.37
	II	10.18
	III	7.41
	Total	
March	I	8.49
	II	9.08
	III	10.20
	Total	1,251.94

Petitioner



12,161.29
6,026.60
6,134.69

Alaknanda Hydro Power Company Limited
330 MW Shrinagar Hydro-electric project

Name of the Petitioner:
Name of the Generating Station:

S. No.	Particular	Liability as on 21.06.2015	Discharges (From 21.06.2015 to 31.03.2016)	Discharges (FY 2016-17)	Discharges (FY 2017-18)	Discharges (FY 2018-19)	Liability as on 31.03.2019	Discharges (FY 2019-20)	Discharges (FY 2020-21)	Discharges (FY 2021-22)	Discharges (FY 2022-23)	Discharges (FY 2023-24)	Total discharges during MYT	Liability as on 31.03.2024
1	Retention Money	11,150.00	-	-	-	-	4,330.44	2,000.73	1,945.13	-	-	-	-	-
2	Creditors for Capital works	5,044.00	-	-	-	-	1,349.69	4.13	246.14	-	-	-	-	-
3	Sundry creditors (EDC)	5.00	-	-	-	-	454.56	51.39	7.73	-	-	-	-	-
4	Outstanding Liabilities for expenses	485.00	-	-	-	-	-	-	-	-	-	-	-	-
5	Development Costs payable to Govt.	122.00	-	-	-	-	-	-	-	-	-	-	-	-
6	Interest dues to lenders on Borrowings	-	-	-	-	-	-	-	-	-	-	-	-	-
		16,806.00	8,480.00	1,053.00	508.00	205.00	6,134.69	2,056.25	2,199.00	743.00	1,136.44	-	-	-

Retention Money

S. No.	Party	Liability as on 21.06.2015	Discharges (From 21.06.2015 to 31.03.2016)	Discharges (FY 2016-17)	Discharges (FY 2017-18)	Discharges (FY 2018-19)	Liability as on 31.03.2019	Discharges (FY 2019-20)	Discharges (FY 2020-21)	Discharges (FY 2021-22)	Discharges (FY 2022-23)	Discharges (FY 2023-24)	Total discharges during MYT	Liability as on 31.03.2024
1		-	-	-	-	-	-	-	-	-	-	-	-	-
2		-	-	-	-	-	-	-	-	-	-	-	-	-
3		-	-	-	-	-	-	-	-	-	-	-	-	-
4		-	-	-	-	-	-	-	-	-	-	-	-	-
	Retention Money	-	-	-	-	-	-	-	-	-	-	-	-	-

Creditors for Capital works

S. No.	Party	Liability as on 21.06.2015	Discharges (From 21.06.2015 to 31.03.2016)	Discharges (FY 2016-17)	Discharges (FY 2017-18)	Discharges (FY 2018-19)	Liability as on 31.03.2019	Discharges (FY 2019-20)	Discharges (FY 2020-21)	Discharges (FY 2021-22)	Discharges (FY 2022-23)	Discharges (FY 2023-24)	Total discharges during MYT	Liability as on 31.03.2024
1		-	-	-	-	-	-	-	-	-	-	-	-	-
2		-	-	-	-	-	-	-	-	-	-	-	-	-
3		-	-	-	-	-	-	-	-	-	-	-	-	-
4		-	-	-	-	-	-	-	-	-	-	-	-	-
	Creditors for Capital Works	-	-	-	-	-	-	-	-	-	-	-	-	-

10.00

Sundry creditors (EDC)

S. No.	Party	Liability as on 21.06.2015	Discharges (From 21.06.2015 to 31.03.2016)	Discharges (FY 2016-17)	Discharges (FY 2017-18)	Discharges (FY 2018-19)	Liability as on 31.03.2019	Discharges (FY 2019-20)	Discharges (FY 2020-21)	Discharges (FY 2021-22)	Discharges (FY 2022-23)	Discharges (FY 2023-24)	Total discharges during MYT	Liability as on 31.03.2024
1		-	-	-	-	-	-	-	-	-	-	-	-	-
2		-	-	-	-	-	-	-	-	-	-	-	-	-
3		-	-	-	-	-	-	-	-	-	-	-	-	-
4		-	-	-	-	-	-	-	-	-	-	-	-	-
5		-	-	-	-	-	-	-	-	-	-	-	-	-
	Sundry Creditors EDC	-	-	-	-	-	-	-	-	-	-	-	-	-



(Petitioner)

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2019-20

S No.	Name of Bank	Opening Balance	Addition	Repayment	Closing	Average Loan	Interest Accrued During the Year	Interest Rate%
1	Andhra Bank	1,50,28,40,601.00		18433855	1,48,44,06,746.00	1,49,36,23,673.50	185135332	12.40%
2	Axis Bank	1,45,82,23,591.00		17660402	1,44,05,63,189.00	1,44,93,93,390.00	176457084	12.17%
3	Central Bank of India	2,35,25,15,050.00		29535581	2,32,29,79,469.00	2,33,77,47,259.50	290166968	12.41%
4	Corporation Bank	1,51,64,81,701.00		18317069	1,49,81,64,632.00	1,50,73,23,166.50	185973917	12.34%
5	Dena Bank	1,14,86,74,399.00		13867411	1,13,48,06,988.00	1,14,17,40,693.50	144008214	12.61%
6	IDBI Bank	3,50,83,90,631.00		43061004	3,46,53,29,627.00	3,48,68,60,129.00	448486862	12.86%
7	IIFCL	2,94,75,77,115.00		36164580	2,91,14,12,535.00	2,92,94,94,825.00	363169742	12.40%
8	Indian Bank	1,16,03,43,843.00		14222396	1,14,61,21,447.00	1,15,32,32,645.00	142961327	12.40%
9	LIC of India	81,39,13,728.00		8001704	80,59,12,024.00	80,99,12,876.00	100320164	12.39%
10	Power Finance Corporation	5,00,75,35,900.00		60448000	4,94,70,87,900.00	4,97,73,11,900.00	670110234	13.46%
11	Punjab National Bank	5,94,24,69,099.00		136611205	5,80,58,57,894.00	5,87,41,63,496.50	801923540	13.65%
12	REC	5,21,26,38,365.00		63129741	5,14,95,08,624.00	5,18,10,73,494.50	658491282	12.71%
13	UCO Bank	1,50,40,62,641.00		18617953	1,48,54,44,688.00	1,49,47,53,664.50	185550793	12.41%
14	United Bank of India	1,56,22,46,386.00		19227721	1,54,30,18,665.00	1,55,26,32,525.50	192367628	12.39%
15	Vijaya Bank	1,16,23,49,960.00		14092972	1,14,82,56,988.00	1,15,53,03,474.00	142775973	12.36%
16	AXIS Bank FCTL	1,78,32,15,000.00		158912500	1,62,43,02,500.00	1,70,37,58,750.00	83581365	4.91%
	Total	38583478010	0	670304094	37913173916	38248325963	4771480425	12.5%



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2020-21

S No	Name of Bank	Opening Balance	Addition	Repayment	Closing	Average Loan	Interest Accrued During the Year	Interest Rate%
1	Andhra Bank	1,48,44,06,746.00		19963486	1,46,44,43,260.00	1,47,44,25,003.00	18,49,84,655.00	12.55%
2	Axis Bank	1,44,05,63,189.00		19708870	1,42,08,54,319.00	1,43,07,08,754.00	16,42,82,838.00	11.48%
3	Central Bank of India	2,32,29,79,469.00		32184164	2,29,07,95,305.00	2,30,68,87,387.00	28,15,41,427.00	12.20%
4	Corporation Bank	1,49,81,64,632.00		23259040	1,47,49,05,592.00	1,48,65,35,112.00	18,72,46,761.00	12.60%
5	Dena Bank	1,13,48,06,988.00		15402128	1,11,94,04,860.00	1,12,71,05,924.00	14,59,60,590.00	12.95%
6	IDBI Bank	3,46,53,29,627.00		55511284	3,40,98,18,343.00	3,43,75,73,985.00	51,20,65,501.00	14.90%
7	IIFCL	2,91,14,12,535.00		39822022	2,87,15,90,513.00	2,89,15,01,524.00	36,63,01,037.00	12.67%
8	Indian Bank	1,14,61,21,447.00		15815554	1,13,03,05,893.00	1,13,82,13,670.00	14,39,69,140.00	12.65%
9	LIC of India	80,59,12,024.00		11809132	79,41,02,892.00	80,00,07,458.00	10,12,08,794.00	12.65%
10	Power Finance Corporation	4,94,70,87,900.00		55116000	4,89,19,71,900.00	4,91,95,29,900.00	70,82,97,947.00	14.40%
11	Punjab National Bank	5,80,58,57,894.00		79491501	5,72,63,66,393.00	5,76,61,12,143.50	80,50,79,191.00	13.96%
12	REC	5,14,95,08,624.00		67405165	5,08,21,03,459.00	5,11,58,06,041.50	65,30,71,691.00	12.77%
13	UCO Bank	1,48,54,44,688.00		20314586	1,46,51,30,102.00	1,47,52,87,395.00	18,44,76,554.00	12.50%
14	United Bank of India	1,54,30,18,665.00		21500000	1,52,15,18,665.00	1,53,22,68,665.00	19,56,89,983.00	12.77%
15	Vijaya Bank	1,14,82,56,988.00		15753930	1,13,25,03,058.00	1,14,03,80,023.00	14,76,71,566.00	12.95%
16	AXIS Bank FCTL	1,75,92,11,250.00		222840000	1,53,63,71,250.00	1,64,77,91,250.00	5,14,85,040.00	3.12%
	Total	38048082666	0	715896862	37332185804	37690134235	4833332715	12.8%



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Certificate

We, K.S.Rao & Co., Chartered Accountants, being statutory auditors M/s. Alaknanda Hydro Power Company Limited having its registered office at 156-159, Sardar Patel Road, Secunderabad – 500 003 (“the Company”) vide its engagement letter dated 03rd March, 2022 requested us for certification of payments made to project creditors during the Financial Years 2019-20 and Year 2020-21 against the Un-discharged liabilities as on 31.03.2019 of its hydro-electric power project at Shrinagar in the State of Uttarakhand (“Project”).

The details of un-discharged liabilities as on 31.03.2019 and the liabilities discharged during the Financial Years 2019-20 and 2020-21 are as given in “Annexure-A”. which we have initialled for identification purpose only.

Based on the books of account produced before us, information and explanations given by the management of the Company and tracing of details given in “Annexure-A” with the books of account, we hereby certify that of Un-discharged project creditors as on 31.03.2019 and payments made during the financial years 2019-20 and 2020-21 and balances of creditors as on 31.03.2021 of project are in agreement with books of account produced before us by the management of the Company.

Since the procedure performed in connection with certification of details of un-discharged liabilities and the payments made against the same given in “Annexure-A” do not constitute either an audit or Limited review made in accordance with the generally auditing Standards in India.

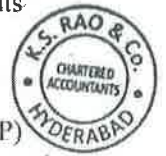
This certificate has been issued at the request of the Company to submit the same to the Secretary, Uttar Pradesh Electricity Regulatory Commission in connection with the petition filed by the Company for determination of tariff for control period Financial Years 2019-20 to 2022-24.

For K S Rao & Co
Firm Registration No. 003109S
Chartered Accountants

P. Pardhasaradhi

(Pardhasaradhi Rao P)
Partner

Membership No. 224777
UDIN: 22224777AEQVFU9593



Place: Hyderabad
Date: 11-03-2022



Annexure "A"

Alaknanda Hydro Power Company Limited
330 M W Shrinagar Hydro-electric Project

(Rs In Lacs)

Particulars	Un-discharged Liabilities as on 31-03-2019	Discharged during the FY				Un-discharged Liabilities as on 31-03-2021
		2019-20		2020-21		
		Paid	Adjustment	Paid	Adjustment	
Creditors for Capital works	1,349.69	4.13	-	246.14	-	1,099.43
Sundry Creditors- Expenditure during construction period	454.37	51.39	-	3.57	4.16	395.25
Retention Money	4,330.44	2,000.73	-	1,940.29	4.84	384.58
Development Costs payable to Government of Uttarakhand	6,026.60	-	-	-	-	6026.60
Provision for capital workings	0.19	-	-	-	-	0.19
Total:	12,161.29	2,056.25	-	2,190.00	9.00	7,906.05

For and on behalf of Company

P.R.M.
P.Rama Mohana Rao
(Chief Financial Officer)



**Signed for Identification
By**

P. Padma Rao
K S Rao & Co., Chartered Accountants
Hyderabad





Certificate

We, K. S. Rao & Co, Chartered Accountants, being statutory auditors M/s.Alaknanda Hydro Power Company Limited having its registered office at 156-159, Sardar Patel Road, Secunderabad – 500 003 (“the Company”) vide its engagement letter dated 03th March, 2022, requested us for certification of the details of opening and closing balance, repayment and actual interest paid during the financial year 2020-21 in respect of term loans availed by the Company for its hydro-electric power project at Shrinagar in the state of Uttarkhand (“Project”).

Our engagement was undertaken in accordance with the Standard on Related Services (SRS) 4400 “Engagements to perform Agreed upon Procedures regarding Financial Information” issued by The Institute of Chartered Accounts of India.

Based on the books of account produced before us and information and explanations given by the management of the Company in respect of term loans availed by the Company for its Project, we certify the annexed statement of details of opening and closing balance, repayment and actual interest paid during the financial year 2020-21.

Since the procedure performed in connection with certification for statement of details of opening and closing balance, repayment and actual interest paid during the financial year 2020-21 do not constitute either an audit or a review made in accordance with the generally auditing Standards in India.

This certificate has been issued at the request of the Company to submit the same to the Secretary, Uttar Pradesh Electricity Regulatory Commission in connection with the petition filed by the Company for determination of Tariff for control period Financial Years 2019-20 to 2022-24.

For K.S. Rao & Co.,
Chartered Accountants
Firm’s Registration Number 003109S

P. Pardhasaradhi



(Pardhasaradhi Rao P)

Partner

Membership Number 224777

UDIN: 22224777AEPBTO3300

Place: Hyderabad

Date: 10-03-2022



Statement showing opening balance, borrowings during the year, repayments during the year and closing balance in respect of Term Loans availed by the company for the FY 2020-21.

Sl.No.	Name of the Bank / Institution	Principal				Interest on Term Loans				
		Opening Balance as on 01.04.2020	Borrowings during the year	Repayment during the year	Foreign currency exchange fluctuation	Closing Balance as on 31.03.2021	Accrued / Accrued but not due on 31.03.2020	Accrued during the year	Paid during the year	Accrued / Accrued but not due on 31.03.2021.
1	Andhra Bank	1,48,44,06,746		1,99,63,486		1,46,44,43,260	1,57,63,063	18,49,84,655	16,94,79,129	3,12,68,589
2	Axis Bank	1,44,05,63,189		1,97,08,870		1,42,08,54,319	1,41,97,457	16,42,82,838	17,84,80,295	-
3	Central Bank of India	2,32,29,79,469		3,21,84,164		2,29,07,95,305	2,42,90,809	28,15,41,427	25,84,89,305	4,73,42,931
4	Corporation Bank	1,49,81,64,632		2,32,59,040		1,47,49,05,592	1,56,13,413	18,77,46,761	17,08,17,362	3,20,42,812
5	Dena Bank	1,13,48,06,988		1,54,02,128		1,11,94,04,860	1,19,93,903	14,59,60,590	13,35,59,928	2,43,94,565
6	IDBI Bank	3,46,53,29,627		5,55,11,284		3,40,98,18,343	3,81,20,998	51,20,65,501	45,53,32,749	9,48,53,750
7	IIFCL	2,91,14,12,535		3,98,22,022		2,87,15,90,513	3,01,38,994	36,63,01,037	33,31,29,665	6,33,10,366
8	Indian Bank	1,14,61,21,447		1,58,15,554		1,13,03,05,893	1,21,76,298	14,39,69,140	13,22,33,813	2,39,11,625
9	LIC of India	80,59,12,024		1,18,09,132		79,41,02,892	84,53,244	10,12,08,794	9,27,22,701	1,69,39,337
10	Power Finance Corporation Ltd	4,94,70,87,900		5,51,16,000		4,89,19,71,900	13,98,55,920	70,82,97,947	52,55,42,923	32,26,10,944
11	Punjab National Bank	5,80,58,57,894		7,94,91,501		5,72,63,66,393	6,43,71,123	80,50,79,191	74,12,56,152	12,81,94,162
12	Rural Electrification Corporation Ltd	5,14,95,08,624		6,74,05,165		5,08,21,03,459	16,26,31,820	65,30,71,691	81,57,03,511	-
13	UCO Bank	1,48,54,44,688		2,03,14,586		1,46,51,30,102	1,55,90,778	18,44,76,554	16,80,39,917	3,20,27,415
14	United Bank of India	1,54,30,18,665		2,15,00,000		1,52,15,18,665	1,61,45,662	19,56,89,983	18,86,24,277	2,32,11,368
15	Vijaya Bank	1,14,82,56,988		1,57,53,930		1,13,25,03,058	1,20,18,627	14,76,71,566	13,50,09,432	2,46,80,761
	Total - Rupee Term Loans	36,28,88,71,415	-	49,30,66,862		35,79,58,14,553	58,13,62,108	4,78,18,47,675	4,49,84,21,159	86,47,88,624
16	Axis Bank - FCTL	1,75,92,11,250		22,28,40,000		1,49,85,00,000	1,99,06,034	5,14,85,040	7,12,79,415	1,11,659
	Total - Project Loans	38,04,80,82,665	-	71,58,96,862	(3,78,71,250)	37,29,43,14,553	60,12,68,142	4,83,33,32,715	4,56,97,00,574	86,49,00,283

For and on behalf of Company

P. Rama Mohana Rao
(Chief Financial Officer)

Signed for Identification
By

P. Poornima Rao

K S Rao & Co., Chartered Accountants
Hyderabad



ANX III 2



K.S. RAO & Co
CHARTERED ACCOUNTANTS

Certificate

We, K. S. Rao & Co, Chartered Accountants, being statutory auditors M/s. Alaknanda Hydro Power Company Limited having its registered office at 156-159, Sardar Patel Road, Secunderabad – 500 003 (“the Company”) vide its engagement letter dated 03rd March, 2022, requested us for certification of the details of opening and closing balance, repayment and actual interest paid during the financial year 2019-20 in respect of term loans availed by the Company for its hydro-electric power project at Shrinagar in the state of Uttarkhand (“Project”).

Our engagement was undertaken in accordance with the Standard on Related Services (SRS) 4400 “Engagements to perform Agreed upon Procedures regarding Financial Information” issued by The Institute of Chartered Accounts of India.

Based on the books of account produced before us and information and explanations given by the management of the Company in respect of term loans availed by the Company for its Project, we certify the annexed statement of details of opening and closing balance, repayment and actual interest paid during the financial year 2019-20.

Since the procedure performed in connection with certification for statement of details of opening and closing balance, repayment and actual interest paid during the financial year 2019-20 do not constitute either an audit or a review made in accordance with the generally auditing Standards in India.

This certificate has been issued at the request of the Company to submit the same to the Secretary, Uttar Pradesh Electricity Regulatory Commission in connection with the petition filed by the Company for determination of Tariff for control period Financial Years 2019-20 to 2022-24.

For K.S. Rao & Co.,
Chartered Accountants
Firm’s Registration Number 003109S

P. Pardhasaradhi



(Pardhasaradhi Rao P)
Partner

Membership Number 224777
UDIN: 22224777AEPBHL1771

Place: Hyderabad
Date: 10-03-2022



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Statement showing opening balance, borrowings during the year, repayments during the year and closing balance in respect of Term Loans availed by the company for the FY 2019-20

Sl.No.	Name of the Bank / Institution	Principal						Interest on Term Loans			
		Opening Balance as on 01.04.2019	Borrowings during the year	Repayment during the year	Foreign currency exchange fluctuation	Closing Balance as on 31.03.2020	Accrued / Accrued but not due on 31-03-2019	Accrued during the year	Paid during the year	Accrued / Accrued but not due on 31.03.2020	
1	Andhra Bank	1,50,28,40,601		1,84,33,855		1,48,44,06,746	1,57,63,444	18,51,35,332	18,51,35,713	1,57,63,063	
2	Axis Bank	1,45,82,23,591		1,76,60,402		1,44,05,63,189	1,52,33,346	17,64,57,084	17,74,92,973	1,41,97,457	
3	Central Bank of India	2,35,25,15,050		2,95,35,581		2,32,29,79,469	2,06,66,673	29,01,66,968	28,65,42,832	2,42,90,809	
4	Corporation Bank	1,51,64,81,701		1,83,17,069		1,49,81,64,632	1,58,89,709	18,59,73,917	18,62,50,213	1,56,13,413	
5	Dena Bank	1,14,86,74,399		1,38,67,411		1,13,48,06,988	1,21,65,671	14,40,08,214	14,41,79,982	1,19,93,903	
6	IDBI Bank	3,50,83,90,631		4,30,61,004		3,46,53,29,627	3,71,74,758	44,84,86,862	44,75,40,622	3,81,20,998	
7	IIFCL	2,94,75,77,115		3,61,64,580		2,91,14,12,535	3,07,94,490	36,31,69,742	36,38,25,238	3,01,38,994	
8	Indian Bank	1,16,03,43,843		1,42,22,396		1,14,61,21,447	1,21,40,269	14,29,61,327	14,29,25,298	1,21,76,298	
9	LIC of India	81,39,13,728		80,01,704		80,59,12,024	85,43,935	10,03,20,164	10,04,10,855	84,53,244	
10	Power Finance Corporation Ltd	5,00,75,35,900		6,04,48,000		4,94,70,87,900	15,21,25,575	67,01,10,234	68,23,79,889	13,98,55,930	
11	Punjab National Bank	5,94,24,69,099		13,66,11,205		5,80,58,57,894	6,25,72,031	80,19,23,540	80,01,24,448	6,43,71,123	
12	Rural Electrification Corporation Ltd	5,21,26,38,365		6,31,29,741		5,14,95,08,624	1,60,17,826	65,84,91,282	51,18,77,288	16,26,31,820	
13	UCO Bank	1,50,40,62,641		1,86,17,953		1,48,54,44,688	1,55,20,460	18,55,50,793	18,54,80,475	1,55,90,778	
14	United Bank of India	1,56,22,46,386		1,92,27,721		1,54,30,18,665	1,63,58,231	19,23,67,628	19,25,80,197	1,61,45,662	
15	Vijaya Bank	1,16,23,49,960		1,40,92,972		1,14,82,56,988	1,21,75,084	14,27,75,973	14,29,32,430	1,20,18,627	
	Total - Rupee Term Loans	36,80,02,63,009	-	51,13,91,594		36,28,88,71,415	44,31,41,502	4,68,78,99,060	4,54,96,78,454	58,13,62,108	
16	Axis Bank - FCTL	1,78,32,15,000	-	15,89,12,500		1,75,92,11,250	2,50,69,120	8,35,81,365	8,87,44,451	1,99,06,034	
	Total - Project Loans	38,58,34,78,009	-	67,03,04,094		38,04,80,82,665	46,82,10,622	4,77,14,80,425	4,63,84,22,905	60,12,68,142	

For and on behalf of Company



P. Rama Mohana Rao
(Chief Financial Officer)

Signed for Identification
By

P. Padhavanthi

K S Rao & Co., Chartered Accountants
Hyderabad