

To

Date: 25.09.2020

The Secretary, Uttar Pradesh Electricity Regulatory Commission Vidyut Niyamak Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow, Uttar Pradesh 226010

Sub: Tariff Petition for the 2nd 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"). The project developer, AHPCL desires to file a petition for determination of Tariff for the 2nd Control Period 2019-24 before the Hon'ble Commission. A demand draft of PNB bearing No. 601074 for Rs. 16,50,000/- towards the Court fee and 7 sets of the Tariff Petition are enclosed herewith.

In this context, the Petitioner, AHPCL requests your good offices to be pleased to place the Petition before the Hon'ble Commission for adjudication of the same.

Thanking you

Yours sincerely

Authorised signatory

Encl: Petition and the Affidavit. (1+5 copies with soft copy on CD)

DD no.: PNB 601074 Rs:16,50,000/-

CC: CE PPA UPPCL Lucknow

ALAKNANDA HYDRO POWER COMPANY LIMITED Palgah House, 156-159, Sardar Patel Road Secunderabad 500 003 Telangana, India

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CIN: U40100TG1996PLC074796

ENERGY
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VAKALATNAMA

BEFORE THE HON'BLE UTTAR PRADESH ELECTRICITY REGULATORY COMMISSION AT LUCKNOW

Petition No. _____ of 2020

IN THE MATTER OF:-

Alaknanda Hydro Power Company Limited

... Petitioner

Versus

Uttar Pradesh Power Corporation Ltd

... Respondent

IE Chandan Reddy the authorized representative of the above named Petitioner in the above appeal/petition do hereby appoint and retain Mr. Amit Kapur, Mr. Vishrov Mukerjee, Mr. Janmali Manikala of M/s. J. Sagar Associates, B-303, 3rd Floor, Ansal Plaza, Hudco Place, August Kranti Marg, New Delhi, 110049 (hereinafter called the Advocates) to appear, plead and act for me/us in the above appeal/petition and to conduct and prosecute all proceedings that may be taken in respect thereof and applications for return of documents, enter into compromise and to draw any moneys payable to me/us in the said proceeding and also to appear in all applications for review and for leave to the Supreme Court of India in all applications for review of judgement.

Place: Lucknow

Signature of the Party

Date:25-09-20

A THE CITIES Presence

LALTA Niepanie and Re Nghanon)

82 Ram Gopul Vidyant Road Lucknow U.P. (INDIA) R. N No 31/32/2000

J.Sagar Associates
Advocates & Solicitors,
B-303, 3rd Floor, Ansal Plaza, Hudco Place,
August Kranti Marg,
New Delhi- 110049

"Accepted"

*Signature with date (E Chandan Reddy- DGM)

BEFORE THE UTTAR PRADESH ELECTRICITY REGULATORY COMMISSION AT LUCKNOW, UTTAR PRADESH

PETITION NO.

OF 2020

IN THE MATTER OF

Alaknanda Hydro Power Company Limited

...Petitioner

Versus

UP Power Corporation Limited (UPPCL)

.....Respondent

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Alaknanda Hydro Power Company Limited

Petitioner

Through:

J. Sagar Associates

Advocates for the Petitioner B-303, 3rd Floor, Ansal Plaza,

Hudco Place, August Kranti Marg

New Delhi -110 049

Place: Lucknow
Dated: 25th September, 2020
LALTA PR

82 Ram GOD R. N No 31/32/2000

ATTESTED



WATAR PRADESH

13AE 530862

FORM - 2

(See Regulation 31 of UPERC Conduct of Business Regulations, 2004)

BEFORE THE UTTAR PRADESH ELECTRICITY REGULATORY COMMISSION, AT LUCKNOW

PETITION No.

2020

IN THE MATTER OF:

In the matter of Determination of Tariff for the Control Period 2019-24 for the 330 MW (4x82.5 MW) Shrinagar Hydro Electric Project under the Power Purchase Agreement dt.28.06.2006 entered into between the Petitioner and the Respondent herein

M/s Alaknanda Hydro Power Company Ltd, 156-159, Paigah House, SP Road SECUNDERABAD - 500003.

..... PETITIONER

Vs.

UP Power Corporation Limited, 14 - Ashok Marg/Shakti Bhawan, Lucknow.

.....RESPONDEN

LALTA ERASAD CHI Advocate & Notary

82, Ram Gopal vidyant Road Bucknow U.P. (INDIA) Reed. No. 31/32/2000

AFFIDAVIT ACCOMPAYING THE PETITION FILED FOR DETERMINATION OF TARIFF FILED UNDER SECTION 86 OF THE ELECTRICITY ACT, 2003 AND UNDER THE TERMS OF UTTAR PRADESH ELECTRICITY REGULATORY COMMISSION (TERMS AND CONDITIONS OF GENERATION TARIFF) REGULATIONS, 2019.

I, E. Chandan, aged about 38 years, son of Mr. E. Avinash Reddy, resident of Villa No 5, Shalimar Grand, Gokhlemarg, Jopling Road, Lucknow UP, Pin 226001, India, working as the DGM of the Applicant, currently in Lucknow, do solemnly affirm and state on oath as follows:

- I am working as a Deputy General 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.
- 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 producial body in connection to the issues involved in the accompanying Petition.

DEPONENT

DEPONENT

VERIFICATION

Verified this on this the 25th day of September, 2020 that the contents of paragraph 1 to 3 are true based on facts and correct upon information received and believed to be true to the best of my knowledge and belief.

before no.

LALTA PRASAD CHAURASIA

82, Ram Gopal - idyant Road Lucknow U.F. (INDIA) Repd. No. 31/32/2000

I Identify the deponent/executent who has/have Signed/ I before me

BEFORE THE HON'BLE UTTAR PRADESH ELECTRICITY REGULATORY COMMISSION PETITION NO. OF 2020

IN THE MATTER OF:



Petition for determination of Tariff for 330 MW (4X82.5 MW) Shrinagar Hydro Electric Project for the control period FY 2019-20 to FY 2023-24 in terms of Section 62 and 86 of Electricity Act 2003 read with Uttar Pradesh Electricity Regulatory Commission (Terms and Conditions of Determination of Tariff) Regulations 2019 and Amended and Restated PPA dates 28.6.2006 executed between Alaknanda Hydro Power Company Limited and Uttar Pradesh Power Corporation Limited

Alaknanda 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

PETITION SEEKING DETERMINATION OF TARIFF FOR CONTROL PERIOD FOR FY 2019-20 TO FY 2023-24

A. BACKGROUND

 Alaknanda Hydro Power Company Limited ("AHCPL") is a company incorporated under the provisions of Companies Act 1956, with the object of engaging in the business of establishing, maintaining and operating 330 MW (4X82.5 MW) Shrinagar Hydro Electric Project ("Project") located across river Alaknanda at Shrinagar districts of Tehri and Pauri Garwal in the state of Uttarakhand.

- 2. AHPCL executed an amended and restated Power Purchase Agreement on 28.06.2006 ("PPA") for sale of electricity from the Project with Uttar Pradesh Power Corporation Limited ("UPPCL"). In terms of the PPA, 88% of net energy generated by the project shall be supplied exclusively to UPPCL and the balance 12% of the Net energy is supplied free of cost to the Government of Uttarakhand. Under the agreement the supply of 12% of free power to GoUK is to be facilitated by UPPCL. The PPA is executed for an initial period of thirty years from COD of the project which can be extended for a further period of 20 years upon mutual consent.
- 3. The present petition is being filed by the Petitioner for the approval of Annual Fixed Cost and Tariff for the sale of electricity from the project for the control period FY 2019-20 to FY 2023-24 in terms of the UPERC (Terms and Conditions of Determination of Generation Tariff) Regulations 2019 ("UPERC Regulations").
- 4. This Hon'ble Commission vide order dated 24.08.2020 in Petition No. 1267 of 2017 has approved a final completed capital cost of the Project as Rs.4061.96 Cr for the project against AHPCL's claim of Rs.5533.3 Cr. Furthermore, AHCPL has filed Petition No. 1401 of 2018 seeking determination of tariff payable for the Project for FY 2015-19 and the same is pending. The outcome of the Petition no. 1401 of 2018 will have a bearing on the present Petition and AHPCL reserves its rights in this regard. The Petition has been filed by AHPCL on the basis of approved capital cost for the Project in Order dated 24.08.2020 and in terms of

the UPERC Regulations. AHCPL reserves its rights to challenged Order dated 24.08.2020 in accordance with law.

- 5. Pursuant to this Hon'ble Commission directions in Petition No. 1303 of 2018, to negotiate and to keep tariff at sustainable levels, AHPCL and UPPCL executed a Memorandum dated 15.02.2019 in terms of which parties had agreed to certain revised parameters to ensure that the tariff remains reasonable despite the capital cost of Rs. 5,290.51 Crore. However, in terms of Order dated 24.08.2020, Ld. UPERC has only allowed Rs 4061.96 Crore as the completed capital cost of the Project, thereby disallowing Rs 1228.55 Crore. The disallowance of Rs 1228.55 Crores by Hon'ble UPERC is far greater than the reduction in cost as discussed between AHPCL and UPPCL prior to executing the Memorandum. Therefore, it would be untenable for AHPCL to implement the Memorandum and the said Memorandum is no longer binding on AHCPL
- Accordingly, the present Petition has been filed seeking determination of tariff for FY 2019-20 to FY 2023-24 on the basis of the norms and parameters provided in the UPERC Regulations.

B. PROJECT COST

7. The capital cost considered for the purpose of calculations in this petition is the Capital Cost approved by Hon'ble Commission in the order dated 24.08.2020 i.e. Rs.4061.96 Cr. No additional capital expenditure is envisaged during the control period. The details of the Capital Cost are tabulated below:

Table 1 Project Cost as Approved by Hon'ble Commission (In INR Lakhs)

S.No.	Particular	Amount
1	Infrastructure (Tabbl1)Work	15797
3	Major Civil Works	204162

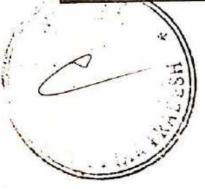


S.No.	Particular	Amount
3	Hydro Mechanical Equipment	9507
4	Plant and Equipment	35576
5	Taxes and Duties	5090
6	Construction and Pre- Commissioning Expenses	3880
7	Overheads and R&R	45244
8	IDC FC and FERV	88325
9	Less: Income during course of construction	1385
	Total	406196

8. Accordingly, the statement of capital cost during the control period is as under:

Table 2 Statement of Capital Cost During the Control Period (In INR Lakhs)

Particulars	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Opening Capital Cost	406196	406196	406196	406196	406196
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	0.00	0.00	0.00	0.00	0.00
Closing Capital Cost	406196	406196	406196	406196	406196
Average Capital Cost	406196	406196	406196	406196	406196





Re: Technical Parameters

- 9. The technical parameters of the Project in terms of the UPERC Regulations are as under:
- (a) Design Energy: The Central Electricity Authority ("CEA") on the basis of hydrological data for the period of 1971-72 to 2015-16 approved by CWC, has approved a design energy of 1251.94 MU vide letter dated 14.05.2018. Accordingly, this Hon'ble Commission may be pleased to consider the design energy for FY 2019-20 to FY 2023-24 as 1251.94 MU.
- (b) Normative Annual Plant Availability Factor: Since the Project is run of the river, the normative plant availability is to be determined in terms of Regulation 27(i)(d) of the UPERC Regulations as under:
 - "27. Norms for Hydro Power generating stations
 - (i) Normative Annual station Availability Factor for recovery of full capacity charges
 - "(d) Run of river plants: NAPAF to be determined plant wise based on 10-day design energy data, moderated by past experience where available/relevant."

The design energy certified by CEA for the project is 1251.94 MU. Accordingly, NAPAF works out to be 43.31%. This Hon'ble Commission may be pleased to approve the NAPAF of 43.31% for FY 2019-20 to FY 2022-23.

(c) Auxiliary Consumption: In terms of Regulation 27(ii) of UPERC Regulations, the Auxiliary Consumption for the Project has been considered as 1%.



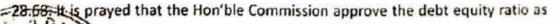


C. ANNUAL FIXED COST

- 10. In terms of Regulation 23 of the UPERC Regulations, the capacity charges are to be derived on the basis of annual fixed cost as under:
 - "23. Components of Tariff:
 - (2) The Capacity Charges shall be derived on the basis of annual fixed cost. The Annual Fixed Cost (AFC) of generating stations shall consists of the following components:
 - a. Return on Equity
 - b. Interest on loan Capital
 - c. Depreciation
 - d. Interest on Working Capital
 - e. Operation and Maintenance Expenses"
- 1.1 Return on Equity
- Re: Debt Equity Ratio
- 11. In terms of Regulation 22 (1)(ii) of the UPERC Regulations, the debt equity ratio is to be considered on actuals, if the actual equity is less than 30% as under:-
 - "22. Debt-Equity Ratio

In case of generating station where actual equity employed is less than 30%, the actual debt and equity shall be considered for determination of tariff.

The actual equity invested by the petitioner is Rs.1165 Cr which comes to 28.68% of the approved project cost of Rs.4061.96 Cr. Thus, is line with the regulations the Petitioner submits that it has considered the debt equity ratio of 71.32:



71:32 : 28.68. In terms of Regulation 24(i) of the UPERC Regulations, the return on equity will be computed at 15% per annum as under:

"24. Capacity (fixed) Charge

(i) Return on Equity

Return on Equity Shall be computed in rupee terms on the equity base determined in accordance with this regulations @15% per annum;

Provided that the rate of return of a new project shall be reduced by up to 1% for such period as may be decided by the commission, if the generating station is found to be declared under commercial operation without commissioning of any of the Restricted Governor Mode Operation (RGMO) or Free Governor Mode Operation (FGMO), data telemetry, communication system up to load dispatch centre or protection system based on the report submitted by SLDC;

Provided also that as and when any of the above requirements are found lacking in an existing generating station based on the report submitted by the SLDC, RoE may be reduced by up to 1% for such period as may be decided by the Commission;"

12. The equity invested by the petitioner in the project is Rs.1165.03 Crore which is less than 30% of the approved capital cost of Rs.4061.96 Cr. Hence the actual equity invested has been considered as equity base for calculation of return on equity. Accordingly, the Return on Equity for control period FY 2019-20 to FY 2023-24 is as under:



Table 3 Statement of Capital Cost During the Control Period (In INR Lakhs)

S. No.	Panticulars	FY - 2019- 20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
1	2	3	4	5	6	7
	Opening Equity	116503.00	116503.00	116503.00	116503.00	116503.00
	Add: Increase due to addition during the year / period	0.00	0.00	0.00	0.00	0.00
	Less: Decrease due to de- capitalisation during the year / period	0.00	0.00	0.00	0.00	0.00
	Less: Decrease due to reversal during the year / period	0.00	0.00	0.00	0.00	0.00
4	Add: Increase due to discharges during the year / period	0.00	0.00	0.00	0.00	0.00
	Closing Equity	116503.00	116503.00	116503.00	116503.00	116503.00
	Average Equity	116503.00	116503.00	116503.00	116503.00	116503.00
	Rate of ROE	15.000%	15.000%	15.000%	15.000%	15.000%
- 5" 5 P 1"	Return on Equity	17475.45	17475.45	17475.45	17475.45	17475.45

1.2 Interest on loan capital

13. In terms of Regulation 24(ii) of the UPERC Regulations, interest on loan capital is to be computed as under:

24. Capital Cost

- (ii) Interest on Loan Capital
- (a) Interest on loan capital shall be computed loan wise on the loans arrived at in the manner indicated in these Regulations.
- (b) The loan outstanding as on 1st April 2019 shall be worked out as the gross loan as per Regulations minus cumulative repayment as admitted by the Commission up to 31st March 2019. The repayment for any financial year during the tariff Period shall be deemed to be equal to the depreciation allowed for that financial year.
 - In case of de-capitalisation of assets, the repayment shall be adjusted by taking into account cumulative repayment on a pro-rata basis and the adjustment should not exceed cumulative depreciation recovered up to the date of de-capitalisation of such asset.
- (c) The rate of the interest shall be the weighted average rate of interest calculated on the basis of actual loans at the beginning of each financial year and shall be adjusted based on actual loan each financial year accordingly.
- (d) If there is no actual loan for a particular financial year but normative loan is still outstanding, the last available weighted average of interest shall be considered.
- (e) The generating company shall make every effort to re-finance the loan as long as it results in net benefit to the beneficiaries. The costs associated with such re-financing shall be borne by the beneficiaries and the net savings shall be shared between the beneficiaries and the generating company in the ratio of 50:50. The above facts shall be certified by statutory Auditor.

The changes to the loan terms and conditions shall be reflected from the date of such re-financing and benefit passed on to the beneficiaries.



- (g) In case any moratorium period is availed of by the generating company, Depreciation provided for in the tariff during the years of moratorium shall be treated as repayment during those years and interest on loan capital shall be calculated accordingly.
- (h) In case, the generating company has contracted floating/ variable rate of interest on loan resetting at certain interval of time the impact of change in rate if interest shall be assessed by the generating company on account of such resetting duly certified by statutory auditor and the capacity charge of the relevant financial year shall be adjusted for such impact and billed accordingly to beneficiary without approaching the Commission for change in tariff on this account.

Provided if the generating company does not have actual loan or have re-financed the loan resulting in no specific loan attributable to the generating station then the weighted average rate of interest of the generating company as a whole shall be considered.

Provided also in case of dispute, any party to such dispute may approach the Commission with proper application and it shall be ensured that the payment to the generating company is not withheld during pendency of the dispute.:

14. The Petitioner submits that the normative loan amount has been considered by reducing the actual equity invested from the Approved Capital Cost of Rs. 4061.9 Cr. The interest rate for calculation of interest on loan is considered as the weighted average rate of interest on the loans of AHPCL which comes to 12.6% for the second control period. The Calculation of Interest on loan capital the control period FY 2019-20 to FY 2023-24 in line with the UPERC Regulations has been tabulated as under:-

Table 4 Interest on Loan (In INR Lakhs)

S. No.	Particular S	FY 2019:20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
1	2	3	4	5	6	7
7	Gross Normative	2,89,694.00	2,89,694.00	2,89,694.00	2,89,694.00	2,89,694.00



S. No.	Particular S	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
1	2	3	4	5	6	7
	loan – Opening				-	
	Cumulativ e repaymen t of Normative loan upto previous year	64,002.39	80,612.83	97,223.27	1,13,833.71	1,30,444.15
	Net Normative Ioan – Opening	2,25,691.61	2,09,081.17	1,92,470.73	1,75,860.29	1,59,249.85
	Add: Increase due to addition during the year / period	0.00	0.00	0.00	0.00	0.00
	Less: Repaymen t during the year	16,610.44	16,610.44	16,610.44	16,610.44	16,610.44
	Less: Decrease due to reversal during the year / period	0.00	0.00	0.00	0.00	0.00
)	Add: Increase due to	0.00	0.00	0.00	0.00	0.00



S. No.	Particular s	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	EY 2023-24
1	2	3	4	5	6	7
	discharges during the year / period					
	Net Normative Ioan - Closing	2,09,081.17	1,92,470.73	1,75,860.29	1,59,249.85	1,42,639.41
	Average Normative Ioan	2,17,386.39	2,00,775.95	1,84,165.51	1,67,555.07	1,50,944.63
	Weighted average rate of interest	12.60%	12.60%	12.60%	12.60%	12.60%
	Interest on Loan	27394.14	25300.49	23206.79	21113.01	19019.10

1.3 Depreciation

15. In terms of Regulations 24 (iii) of the UPERC Regulations, depreciated is to be computed as under:

24. Capital Cost

(iii) Depreciation

"For the purpose of tariff, depreciation shall be computed in the following manner, namely:

Depreciation shall be computed from the date of commercial operation of generating station or unit thereof. In case of the tariff all the units of a generating station for which a single tariff needs

to be determined, the depreciation shall be computed from the effective date of commercial operation of the generating station taking into Consideration the depreciation of individual units or elements thereof.

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

- (b) The value base for the purpose of depreciation shall be capital cost of the assets as admitted by Commission. In case of multiple units of a generating station weighted average life for the generating station shall be applied. Depreciation shall be chargeable from the first year of operation. In case of operation of the asset for part of the year, depreciation shall be charged on pro-rata basis.
- (c) The residual life of the asset shall be considered as 10% and depreciation shall be allowed up to maximum of 90% of the capital cost of the asset. Land other than the land held under lease shall not be a depreciable asset and its cost shall be excluded from the capital cost while computing depreciable value of asset.

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

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

(d) In case of new projects, depreciation shall be calculated annually, based on straight line method over the useful life of the asset and at the rates prescribed in Appendix III to these Regulations.

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

vovided also that any depreciation disallowed on account of lower availability of the generating station shall not be allowed to be recovered at a later stage during the useful life and the extended life.

(e) In case of the existing projects, the balance depreciable value as on 01.04.2019 shall be worked out by deducting the cumulative depreciation as admitted by Commission upto 31.3.2019 from the gross depreciable value of the assets. The rate of depreciation shall be continued to be charged at the rate specified in Appendix III till cumulative depreciation reaches 70%. Thereafter the remaining depreciable value shall be spread over remaining life of the asset such that the maximum depreciation does not exceed 90%.

Provided also that any depreciation disallowed on account of lower availability of the generating station shall not be allowed to be recovered at a later stage during the useful life and the extended life.

- (f) The generating company shall submit the details of proposed capital expenditure during the fag end of the project (five years before the completion of useful life) along with justification and proposed life extension. The Commission, based on prudence check of such submissions, shall approve the depreciation on capital expenditure during the fag end of the project.
- (g) In case of de-capitalization of assets in respect of generating station or unit thereof the cumulative depreciation shall be adjusted by taking into account the depreciation recovered in tariff by the decapitalized asset during its useful services."
- 16. Accordingly, the weighted average rate of depreciation has been calculated as under:

Table 5 Weighted Average Depreciation

Name of the Asset	Gross Block as on 31.03.2019 or as on GOD	Disprediation Rates as per CERC's Deprediation Rate Schedule	
Land & Land Rights	1429.0	0.00%	
Lease Hold Land	1882.0	3.34%	
Buildings	. 2,79,427.41	3.34%	
Plant & Machinery	1,23,098.28	5.83%	
Vehicles \	46.60	9.50%	



Name of the Asset	Gross Black as on 31,03,2015 or as on 600	Depressation kates as per CHtC's Depressation hat Schoole
Furniture & Fixtures	69.88	6.33%
Office Equipment's	86.01	6.33%
Computers	61.47	15.00%
Computer Software	97.35	15.00%
Undischarged Liabilities		
TOTAL	4,06,198.00	4.09%

Calculation of depreciation for the control period FY 2019-20 to FY 2023-24 has been tabulated as under:

Table 6 Depreciation for the Control Period (In INR Lakhs)

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
	Opening Capital Cost	406196.00	406196.00	406196.00	406196.00	406196.00
	Closing Capital Cost	406196.00	406196.00	406196.00	406196.00	406196.00
	Average Capital Cost	406196.00	406196.00	406196.00	406196.00	406196.00
	Rate of depreciation	4.09%	4.09%	4.09%	4.09%	4.09%
_	Depreciable value	365577.30	365577.30	365577.30	365577.30	365577.30
	Remaining depreciable value	406196.00	406196.00	406196.00	406196.00	406196.00
	Depreciation (for the period)	16610.44	16610.44	16610.44	16610.44	16610.44
	Depreciation (annualised)	16610.44	16610.44	16610.44	16610.44	16610.44
7.7	Net Cumulative depreciation at the end of the period	80612.83	97223.27	113833.71	130444.15	147054.59

It is prayed that the Hon'ble Commission to approve the depreciation as computed above for the control period FY 2019-20 to FY 2023-24.

- 1.4 Operation and Maintenance expenses:
- 17. In terms of Regulation 24 (iv) (e) and (h) of the UPERC Regulations, Operation and Maintenance Expenses are to be computed as under:
- "24. Capital Cost
- (iv) Operations and Maintenance Expenses
- "(e) The normative values of operation and maintenance expenses including insurance, for the existing hydro generating stations shall be as approved by the Commission in the tariff order based on the expenses approved in the previous control period, escalation rate of 4.47% per annum and any other factor as considered appropriate by the Commission.
- (h) The generating station shall submit the details of year wise actual capital spares consumed at the time of truing up with appropriate justification for incurring the same and substantiating that the same is not funded through special allowance or claimed as a part of additional capitalization or consumption of stores and spares and renovation and modernization."
- 18. For the purpose of the Operation and Maintenance Expenses for the Control Period FY 2019-20 to FY 2023-24 the O&M expenses for FY 2018-19 has been escalated at the rate of Rs. 4.47% in line with the regulations.

Table 7: O&M Expenses (In INR Lakhs)

S. No:	Particulars	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
1	Base O&M Expenses	11517.9	THE RESIDENCE OF THE		Company of the Court of	Market Register 100	
2.	Escalation Rates		4.47%	4.47%	4.47%	4.47%	4.47%
3.	O&M Expenses for Control Period		12032.7	12570.6	13132.5	13719.5	14332.8

- 1.5 Interest on Working Capital:
- 19. In terms of Regulation 24(v) of the UPERC Regulations, interest on working capital is to be computed as under:
 - "24. Capacity (Fixed) Charge:
 - v. Interest on Working Capital
 - (c) Working capital for Hydro generating stations shall cover:
 - i. Operation and Maintenance Expenses for 1 month
 - ii. Maintenance Spares @15% of operation and maintenance expenses and;
 - iii. Receivables equivalent to 45 days of Annual Fixed Cost.
 - (d) Rate of interest on working capital shall be on normative basis and shall be considered as the Bank Rate as on 1.4.2019 or as on 1st April of the year during the tariff period 2019-24 in which the generating station or a unit thereof is declared under commercial operation, whichever is later. The interest on working capital shall be payable on normative basis notwithstanding that the generating company has not taken working capital loan from any outside agency.

The Bank Rate has been defined in the UPERC Regulations as under:

'Bank Rate' means one-year Marginal Cost of Lending Rate (MCLR) of the State Bank of India issued from time to time, or any replacement thereof for the time being in effect, plus 350 basis points; Accordingly, the rate of interest on working capital has been considered as 12.05%, (SBI MCLR on 01.04.2019 8.55% plus 350 basis points)

27. The calculation of Interest on Working Capital for control period FY 2019-20 to FY 2023-24 has been tabulated as under:

Table 8 Calculation of Working Capital and Interest on Working Capital

S. No.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
1	O & M Expenses	1002.73	1047.55	1094.38	1143.29	1194.40
2	Maintenance Spares	1804.91	1885.59	1969.88	2057.93	2149.92
3	Receivables	9216.60	9049.43	8859.70	8673.20	8490.06
4	Total Working Capital	12024.00	11983.00	11924.00	11874.00	11834.00
5	Rate of Interest	12.05%	12.05%	12.05%	12.05%	12.05%
6	Interest on Working Capital	1448.89	1443.95	1436.84	1430.82	1426.00

It is prayed that this Hon'ble Commission approve Interest on Working Capital as detailed above.

1.6 Annual Fixed Cost

20. The Annual Fixed Cost based on the components calculated above the annual fixed cost has been tabulated as under:

Table 9 Annual Fixed Cost (In INR Lakhs)

S. Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
11! Depreciation	TO CONTRACT OF THE PARTY OF THE	16610.44	16610.44		



S. No.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
1.2	Interest on Loan	27394.14	25300.49	23206.79	21113.01	19019.10
1.3	Return on Equity	17475.45	17475.45	17475.45	17475.45	17475.45
1.4	Interest on Working Capital	1448.89	1443.95	1436.84	1430.82	1426.00
1.5	O & M Expenses	12032.75	12570.61	13132.52	13719.54	14332.80
	Total	74961.67	73400.94	71862.04	70349:26	68863.79

It is prayed that this Hon'ble Commission approve the AFC as calculated above.

- II. Capacity and Energy Charges
- a. Capacity Charges
- 21. In terms of regulation 25(ii) of UPERC Regulations, capacity charges are payable to AHPCL as under:

"Billing and payment of capacity charges shall be done on a monthly basis in the following manner:

(ii) For a hydro generating station, each beneficiary shall pay the capacity charges in proportion to its percentage share in total saleable capacity of the generating station. Saleable capacity shall mean total capacity minus free capacity to home state(s) in case of IPP, if any.

Note-1

Allocation of total capacity of State sector generating stations is made by State Government from time to time.

Note-2

The beneficiaries may propose surrendering part of their allocated share. In such cases, depending upon the technical feasibility of power transfer

and specific agreements reached by the generating company with other States within/outside the state for such transfers, the shares of the beneficiaries may be re-allocated by the State Government for a specific period. When such re- allocations are made, the beneficiaries who surrender the share shall not be liable to pay capacity charges for the surrendered share. The capacity charges for the capacity surrendered and reallocated as above shall be paid by that beneficiary to whom the surrendered capacity is allocated. Except for the period of reallocation of capacity as above, the beneficiaries of the generating station shall continue to pay the full fixed charges as per allocated capacity shares.

- (iii) The beneficiaries shall have full freedom for negotiating any transaction for utilisation of their capacity shares. In such cases, the beneficiary having allocation in the capacity of the generating station shall be liable for full payment of capacity charges and energy charges (including that for sale of power under the transaction negotiated by him) corresponding to his total allocation and schedule respectively.
- (iv) If any capacity remains un-requisitioned during day-to-day operation, the State Load Despatch Centre shall advise al! beneficiaries in the state and the other States/Regional Load Despatch Centres so that such capacity may be requisitioned through bilateral arrangements either with the concerned generating company or with the concerned beneficiary(ies) under intimation to the State Load Despatch Centre.

The information regarding un-requisitioned capacity will also be made available by the other State Load Des patch Centre through their respective websites.

(a) The total capacity charge payable for a thermal generating station shall be shared by its beneficiaries as per their respective percentage share / allocation in the capacity of the generating station. The capacity charge payable to a thermal generating station for a calendar month shall be calculated in accordance with the following formulae:

The capacity charges for a hydro generating station (inclusive of incentive) shall be paid by the beneficiary(ies) including those outside the state/region to the generating company, every month in accordance with the following formula and in proportion to their respective shares in the concerned generating station for a calendar month and shall be equal to:

AFC X 0.5 X NDM / NDY X (PAFM / NAPAF) (in Rupees)

Where:



AFC = Annual fixed cost specified for the year, (in Rupees)

NAPAF = Normative plant availability factor (in percentage)

NDM = Number of days in the month

NDY = Number of days in the year

PAFM = station availability factor achieved during the month, (in %)

PAFM up to the end of a particular month shall be computed in accordance with the following formula:

PAFM =
$$10000 \times \Sigma DCI / \{N \times IC \times (100 - AUX)\} \%$$

i=1

Where,

AUX=Normative auxiliary energy consumption (in percentage).

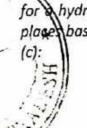
DCi = Declared capacity (in ex-bus MW) for the it day of the month which the station can deliver for at least three (3) hours, as certified by the nodal load dispatch Centre after the day is over. IC Installed Capacity (in MW) of the complete generating station

N= Number of days in the month.

- b. Energy Charges
- 22. In terms of regulation 28 (vi) of the UPERC Regulations, Energy charges payable to AHPCL are as under:
- (Vi) Energy charges for hydro-generating stations
 - (a) The energy charge shall be payable by every beneficiary for the total energy scheduled to be supplied to the beneficiary, excluding free energy, if any, during the calendar month, on ex power plant basis, at the computed energy charge rate. Total Energy charge payable to the generating company for a month shall be:

(Energy charge rate in Rs. / kWh) X Scheduled energy (ex-bus) for the month in kwh X (100 FEHS) / 100

Energy charge rate (ECR) in Rupees per kw on ex-power plant basis, for hydro generating station, shall be determined up to three decimal place based on the following formula, subject to the provisions of clause





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

Where:

DE = Annual design energy specified for the hydro generating station, in MWh, subject to the provision in clause (c) below.

FEHS = Free energy for home State, in percent and shall be taken as 12% or actual, whichever is less.

Provided that in cases where the site of a hydro project is awarded to a developer, by the State Government by following a two-stage transparent process of bidding, the "free energy" shall be taken as 12%,

c) In case the actual total energy generated by a hydro generating station during a year is less than the design energy for reasons beyond the control of the generating station, the following treatment shall be applied on a rolling basis on an application filed by the generating company:

In case the energy shortfall occurs within ten years from the date of commercial operation of a generating station, the ECR for the year following the year of energy shortfall shall be computed based on the formula specified in clause (b) with the modification that the DE for the year shall be considered as equal to the actual energy generated during the year of the shortfall, till the energy charge shortfall of the previous year has been made up, after which normal ECR shall be applicable:

Provided that in case actual generations from a hydro generating station is less than the design energy for a continuous period of 4 years on account of hydrology factor, the generating station shall approach CEA with relevant hydrology data for revision of design energy of the station. In case the energy shortfall occurs after ten years from the date of commercial operation of a generating station, the following shall apply:

23. The projected Energy Charge Rate for the Control Period is provided as under:

Table 10 Energy Charge Rate

Particular	2019-20	2020-21	2021-22	2022-23	2023-24
TAR: Amnual Fixed Cost	74961.6 7	73400.9 4	71862.0 4	70349.2 6	68863.7 9
Design Energy MWh	1251940	1251940	1251940	1251940	1251940

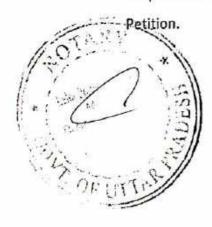


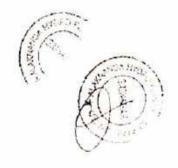
Particular	2019-20	2020-21	2021-22	2022-23	2023-24
Aux Consumption (%)	1%	1%	1%	1%	1%
FEHS (%)	12%	12%	12%	12%	12%
Energy Charge Rate (Rs. /kWh)	2,998	2,985	2.874	2,813	2.754

24. The copies of the tariff forms 1-16 are annexed hereto and marked as Annexure A

PRAYER

- 25. The Petitioner in light of the above explanations and calculations most humbly prays that the Hon'ble Commission may be pleased to –
- (a) Allow/ determine the Annual Fixed Charges for the Project of Alaknanda
 Hydro Power Company Limited [AHPCL] for the period 01.04.2019 to
 31.03.2024 as detailed in Tariff Forms 1 to 16.
- (b) Allow the Capacity Charges as detailed in paragraph 20
- (c) Allow the Energy Charges as detailed in section paragraph 22
- (d) Allow any addition, change, modification, alteration of the present petition, if required, at a later stage; and
- (e) Basing on the submissions made hereinabove, the Hon'ble Commission may be pleased to determine the Provisional Tariff payable by the Respondent till the time the Hon'ble Commission disposes of the present





(f) Pass such order(s) as the Hon'ble Commission may deem fit in the circumstances and facts of the present petition

Alaknanda Hydro Power Corporation Limited
Petitioner

Through

J. Sagar Associates
Advocates for the Petitioner
B-303, 3rd Floor, Ansal Plaza,
Hudco Place, August Kranti Marg,
New Delhi -110 049

New Delhi

Date: 25.09.2020



С	HECK LIST OF TARIFF FORMS FOR TARIFF FILING OF HYDRO STATIONS	
		Tick
	Title of Tariff Filing Forms (Hydro)	1
FORM-1	Summary Sheet	1
FORM-2	Details of COD, Type of hydro station, Normative Annual Plant Availability Factor(NAPAF) & Other normative parameters considered for tariff calculation	
CODM 2	Salient Features of Hydroelectric Project	7
	Details of Foreign loans	1
CONTRACTOR COL	The state of the s	NA
	Details of Foreign Equity	NA
FORM-5	Abstract of Admitted Capital Cost for the existing Projects Abstract of Capital Cost Estimates and Schedule of Commissioning for the New projects	NA
	Abstract of Capital Cost Estimates and Schedule of Contribution	1
FORM-5B	Break-up of Capital Cost for Hydro Power Generating Station	NA
FORM-5C	Break-up of Capital Cost for Plant & Equipment	NA
FORM-5D	Break-up of Construction/Supply/Service packages	NA
FORM-5Ei	In case there is cost over run	1
	In case there is time over run	NA
FORM-5F	In case there is claim of additional RoE	1
FORM-6	Financial Package upto COD	1
FORM-7	Details of Project Specific Loans	NA
FORM-8	Details of Allocation of corporate loans to various projects	NA.
FORM-9A	Statement of Additional Capitalisation after COD	NA.
FORM 9B	Statement of Additional Capitalisation during fag end of the Project	NA.
FORM 9Bi	Details of Asset De-capitalised during the period	NA.
FORM-9C	Statement showing reconciliation of ACE claimed with the capital additions as per books	NA.
FORM- 9D	Statement showing items/assets/works claimed under Exclusions	- 7
FORM- 9E	Statement of Capital cost	NA.
FORM-9F	Statement of Capital Woks in Progress	NA NA
FORM- 10	Financing of Additional Capitalisation	- N
FORM-11	Calculation of Depreciation	-
FORM- 12	Statement of Depreciation	- ×
FORM- 13	Calculation of Weighted Average Rate of Interest on Actual Loans	- V
FORM- 13A	Calculation of Interest on Normative Loan	
FORM- 13B	Calculation of Interest on Working Capital	
EOPM- 130	Other Income as on COD	N/
FORM- 13D	Incidental Expenditure during Construction	N/
FORM- 14	Draw Down Schedule for Calculation of IDC & Financing Charges	
FORM- 14A	The second secon	
FORM- 15A	Design energy and peaking capability (month wise)- ROR with rollage, etc. egg syptimes	N/
contt ton	stations Design energy and MW Continuous (month wise)- ROR type stations	
FORM- 15B FORM- 16	Liability Flow Statement	N/



Name of t Name of t Region	Name of the Petitioner: Name of the Generting Station: Region	NORTHERN REGION	ALAKNANDA HYDRO POWER COMPANY LIMITED 330 MW (4 x 82.5 MW) SHRINAGAR HYDROELECT State: UTTAR PRADESH	A HYDRO POWER COMI k 82.5 MW) SHRINAGAF State: UTTAR PRADESH	OWER COM SHRINAGA R PRADESH	PANY LIMIT R HYDROEL I	ALAKNANDA HYDRO POWER COMPANY LIMITED 330 MW (4 x 82.5 MW) SHRINAGAR HYDROELECTRIC PROJECT State: UTTAR PRADESH	JECT
	ăe.							Rs.In Lakh
S. No.	Particulars		2019-20	2020-21	2021-22	2022-23	2023-24	
1	2		3	4	5	9	7	
1.1	Depreciation	Rs Lakhs	16610.44	16610.44	16610.44	16610.44	16610.44	
1.2	Interest on Loan	Rs Lakhs	27394.14	25300.49	23206.79	21113.01	19019.10	
1.3	Return on Equity:	Rs Lakhs	17475.45	17475.45	17475.45	17475.45	17475.45	
1.4	Interest on Working Capital	Rs Lakhs	1448.89	1443.95	1436.84	1430.82	1426.00	
1.5	O & M Expenses	Rs Lakhs	12032.75	12570.61	13132.52	13719.54	14332.80	
	Total		74961.67	73400.94	71862.04	70349.26	68863.79	



2 406197.00 the year / period 0.00 the year / period 0.00 the year / period 0.00 ag the year / period 0.00 406197.00	E E	Name of the Petitioner: Name of the Generting Station:	36	ALAKNAND 330 MW (4 NORTHERN	ALAKNANDA HYDRO POWER COMI 330 MW (4 x 82.5 MW) SHRINAGAI NORTHERN State: UTTAR PRADESH	OWER CON SHRINAGA R PRADESI	ALAKNANDA HYDRO POWER COMPANY LIMITED 330 MW (4 × 82.5 MW) SHRINAGAR HYDROELECT NORTHERN State: UTTAR PRADESH	ALAKNANDA HYDRO POWER COMPANY LIMITED 330 MW (4 × 82.5 MW) SHRINAGAR HYDROELECTRIC PROJECT NORTHERN State: UTTAR PRADESH
Add: Addition during the year / period Period FY 2019-20 FY 2020-21 FY 2021-22 FY 2022-23 FY 2023-24 Add: Addition during the year / period 0.00 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 0.00 Add: Discharges during the year / period 0.00 0.00 0.00 0.00 0.00 0.00 Add: Discharges during the year / period 0.00 0.00 0.00 0.00 0.00 0.00 Closing Capital Cost 406197.00 406197.00 406197.00 406197.00 406197.00 406197.00	20	50						Rs.In Lakh
2 Opening Capital Cost Add: Addition during the year / period Less: Decapitalisation during the year / period Less: Reversal during the year / period Add: Discharges during the year / period Closing Capital Cost	v. 9		FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Remarks
the year / period during the year / period the year / period ig the year / period	-					00		
the year / period during the year / period the year / period ig the year / period	(Opening Capital Cost	406197.00		406197.00	406197.00		
period od		Add- Addition during the year / period	0.00	00.0	00.00	0.00	0.00	
	1		0.00	0.00	00:00	0.00	0.00	
D		Less: Decapitalisation comis and project	0.00	0.00	0.00	00.0	00'0	
		Less: Reversal during the year / period	000	8	000	000	0.00	
	Ř	Add: Discharges during the year / period	0.00	00.00	200			
		Chairm Coultal Cost	406197.00	406197.00	406197.00	406197.00	406197.00	
		Accorde Canital Cost	406197.00	406197.00	406197.00	406197.00	406197.00	
							Petitioner	



State	Statement	ALAKNANDA F	YDRO POWER	ALAKNANDA HYDRO POWER COMPANY LIMITED	AITED	þ
Name of the Petitioner: Name of the Generting Station:		330 MW (4 x 82.5 MW) State: UTTAR PRADESH	2.5 MW) SHRI PRADESH	NAGAR HYDRO	330 MW (4 × 82.5 MW) SHRINAGAR HYDROELECTORY State: UTTAR PRADESH	Rs.in Lakh
Kegion: NOMINE			20001 33	FY 2022-23	FY 2023-24	
	FY 2019-20	FY 2020-21	FY 2021-22	9	7	80
Particulars	3	4		116503	116503	
2	116503	116503	116503	200041	c	
Opening Equity	0	0	0	0		
ue to addition during the year / period						
I acc. Decrease due to de-capitalisation during the year / period					1	
cost of the to reversal during the year / period						
Less: Decrease one to the user / period			115503	116503	116503	
Add: Increase due to discharges during the year.	116503	116503	COCOTT	2022	116503	
Closing Faulty	116503	116503	116503	116503	20004	
Adjust the second	COCOLL	15,00%	15.00%	15.00%	15.00%	
Average churk	15.00%		37.47.6	17475	17475	
Rate of ROE	17475	17475	1/4/2			
Return on Equity					Detitioner	



		PART-II FORM- 2
	ne secrete professioner	THE RESIDENCE OF THE PERSON NAMED IN STREET, THE PERSON NA
ydro station, Normative Annua	il Plant Availabili	ty Factor (NAPAF) &
rmative parameters considered	for tariff calcula	attorners。 地域旅游社会
ioner :	ALAKNANDA H COMPANY LIM	ITED
erting Station :	330 MW (4 x 8 HYDROELECTR	2.5 MW) SHRINAGAR IC PROJECT
	Unit	Value
	MW	330
MW)	%	12
ne state	. 76	
operation (actual/anticipated)		23-Apr-15
		21-Jun-15
		2-May-15
		21-Jun-15
		21-3011 13
		Surface
rground		
ondage/Storage		Purely ROR
eaking		Non- Peaking
of peaking		Non- Peaking
acity(MW) & period		10% extra, Continuous
rs on generator		
on		Static Excitation
nnual)	MU	125
ption including Transformation	%	1.09
Availability Factor (NAPAF)	%	43.319
res for WC	%	159
VC	Days	45.00
rn on Equity	%	15.09
350 basis points as on	%	12.05
_		esign energy figures to be given separately with the petition

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		PART-II FORM-3
Contraction the same of a second	Substitute of Benefit of the Substitute of the S	
Salent Fe	ature of Hydroelacure Project	are constitutional rich
ame of the Petitioner: ame of the Generting Station:	ALAKNANDA HYDRO POWER COMPANY LIN 330 MW (4 x 52.5 MW) SHRINAGAR HYDRO	NTED ELECTRIC PROJECT
Location		
ate/Dists.	Uttar Predesh	
ver	Alaknanda	
Diversion Tunnel	22.2.0	
SALDINGS FOREST	to a distant	
ze, shape	10m dia, Circular	
ingth (M)	500 m	
.Dam		
уре	Concrete Gravity	
Assimum dam height (M)	Maximum height of dam above i) deepest foundation - 90m and ii) deepest river bed - 66m	
i. Spillway		
Гуре	Flip Bucket, 8 bays of 14.0 m width each	
Crest level of spillway (M)	584.5 m	
S. Reservoir		
'ull Reservoir Level (FRL) (M)	60\$.5 m	
Minimum Draw Down Level (MDDL) (M)	E03 m	
ive storage (MCM)	8 NCM	
i, De-silting Chamber		
Туре	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 pas. 13 m finished dia, Circular	
Length (M)	889 m	
Design discharge(Curnecs)	560Cumecs	
	300 0001500	
& Surge Shaft		-
Туре		
Diameter (M)		
Height (M)	<u> </u>	
9. Fenstock/Pressure shafts	Towns Control	
Туре	4 Surface	
Diameter & Length (M)	4 nos. 5.6 m & 114 m	
10. Power House		
installed capacity (No of units a MW)	4 x 52.5 R/W	
Type of turbine	Vertical Francis	
Rated Head(M)	67.20 m (Gross head) & 65.97 m (Net	
MANAGEMENT OF STREET	560 currecs	
Rated Discharge(Comecs)	pad connect	
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	
	NA NA	
No. of Bus coupler bays		
No. of line bays	4	
Note: Specify limitation on generation du	ring specific time period(s) on account of restri	ctions on water use due to
irrigation, drinking water, industrial, envi	ronmental onsiderations etc.	
post recommendation which V	a marin a ranzar WithrodWed	Petitioner

9	or administration to	
Deserts of Foreign beand	Details any in respect of	he project under petition.

Name of the Paintoner, Abboards Hildre Four Company Divised Lane of the Generaling Station, 330 UM

Control Cont	Part		An Millioni				1		1		-		1008-3816	910		-	1910-191	1	1	F	The same		-	2 1	-	No.	l
Francial Van (Sample Promotion) 2. 4. 6. 7. 7. 18. 19. 19. 19. 19. 19. 19. 19. 19. 19. 19	Francial Year (Sterring francial Perce) 5 4 6 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-			2507-	1011		1	1	1	1	F	- parent	-	_	-	-	SChang A	unment	Date .	adjate.	-	7		-	200	Z
Seminary 1, 15 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Commeny 1, 153 1 4 6 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	_	Financial Year (Starting from COD)	***	Amount	Exchang	Amount	-	Foreign	Sachang • Rate	-	- 10	- Contract	_	23.		-	* Rails	Į.	-	-		1 2	11	Н	H	1
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1,1207 1,000 3555 351,60 0.000 4255 413.7	1,1201 10.00 33.55 33.46 Grant 10.00 45.01 411.40 10.00 45.01 411.40 10.00 45.01 411.40 10.00 45.01 411.40 10.00 45.01 411.40 10.00 45.01 411.40 10.00 45.01 411.40 10.00 45.01 411.40 10.00 41.40 41.40 10.00 41.40 41.40 10.00 41.40 41.	•					1	1	T						1	1	1	1		-			1	+	+	t	L
1,1201 1000 255 254 12,13	1,1,2,0, 1,0,0,0, 1,0,0,0, 1,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0	1	Surreccy1 - US 1				I	1							1	1	1	1				1	1	+	t	t	ı
11/2011 10/2012 10/2	Secretary Secr	•						100	10.00	۰	408.40				-	1	1	1	1				1	1	+	t	ı
Friend property (120.00) (120.00) (100.00) (120.00) (100.00) (120.00) (100.00) (120.	The control of the	-	to the date of Drawing	31.1207	00.04	3935		200	9000	+	428.38				1	1	1	1	1	-			1	1	+	1	L
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The state of processing the contract of the co	Principal Prin	7	to the date of Drawf				I	-							1	1	1		ĺ	01.01.12	0.50	53,37		2		-1	4
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Name of the Pattioner: Alabanda Hydre Poses Company United ager hydrochelik project

Exchange Rate as on 71.56.3618; Ra.46.74

Financial Year (Planted from COCI) Date													-										
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	30 00 13 0	270	207.00	ir.ii	30.06.14	3	g	18,74	20.00.10	1	+	_	+	1	t	+	***	*		31.72.18	6.13	un	17.75
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* Ter (auch as withholding sary brank as applicable to the Charles or selection of the Charles and the Charles or selection of the Charles or selection of the Charles or selection or sele



Details of Fereign loans (Details only in respect of loans applicable to the project under petition) ares of the Petkioner: Aleksands Hydro ower Company Umbed reagar Hydro-electric project

achange Rate as on 21,04,2015; RLV0.74						10.000				1021-22		H	1	2022-23	-	-	-	Exchang	Amount
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legipolitic operational data of principal	91-DG-19	09'0	3	2		1	1	+	AL. Isa. 22	0.75	76.50	17.13	01-Jan-23	0.75	75.60	07.85	1	+	+
100000000000000000000000000000000000000	ON-Jen 20	20 0.75	71,55	10.04	01-Jen-21	0.75	7.67	2	_	1	5		01-151-73	675	75,60	88.78 QI	01-46-24 100	2	1
Schaduled repairment care of princepin	-	1	+	٠	The same of	0.75	78,50	67.38	01-Apr-22	0.10	200	_	1	1	1			1	-
a the A ded repeatment date of principal	01-Apr-20	20 0.75	76,30	1		1		H					2000	020	75.60	18,40 30	30.08.23 0.17	75.80	5
		+	+	t	20.00	0.27	76.50	11.91	30.0021	0.34	1630	-		1	1	1 2	W 00 23 6.16	15.80	12,18
Description or warment date of Present	30.00.19	19 0.33	28.23	1	_	1	1	90 00	20.00	620	76.50	11.11	20.00.22	80	3	+	1	1	1
The second secon	30.09.19	06.0	32.5	11.54	30.09,20	20 02	10.30	+	-1-	15	78.60	47.45	31.12.22	61.0	75.80	14.11 3	31.12.20 0.13	+	+
Scheduled payment date of market	+	100	71.75	5 20.18	31,12,20	R.	78.80	18.87	31.12.	4		1	w m 25	0.58	75.80	13.24 3	31,0334	25.04 75.60	16.71
Scheduled payment days of Interest	N. S. C.	1	+	+	10000	20 10	78.50	18.76	1 31,03.22	22 0.21	26.50	1	1			t		H	-
the following the property of the property of	91,03.20	20 025	78,70	2	_		+	-			20.44		91 20 1C CA 801 1	13.90	68.45	31.00.18	00.01 10.00 1	-	600
1000000	31.00.10	10 2250	66.45	1.84	1,840,13 31.03.19	19.50	H	1,33	68.45 1,314,78 31 03.19	151	1								
THE PARTY OF THE PARTY PROPERTY OF THE PARTY	1																		

Name of the currency to be mantioned e.g. u.s. p. DM, etc.

In case of more than one drawl during the year. Lecturings rais on the date of each drawl to be given.

regard control of the second o

Amount (Rs. Lakh) 13 PART-II FORM- 4 (A) Petitioner Exchange Rate Year 3 Currency) Amount Date (Foreign 9 (Rs. Lakh) Exchange Rate Year 2 Currency) (Foreign Amount (Details only in respect of loans applicable to the project under petition) ALAKNANDA HYDRO POWER COMPANY LIMITED 330 MW (4 x 82.5 MW) SHRINAGAR HYDROELECTRIC PROJECT Not Applicable Date (Rs. Lakh) Amount Details of Foreign Equity. Exchange Rate Year 1 (Foreign Currency) In case of equity infusion more than once during the year, exchange rate at the date of each infusion to be given Amount Date I Name of the currency to be mentioned e.g. US S, DM, etc. etc. Name of the Generting Station: Exchange Rate as on 31.03.2014 Financial Year (Starting from COD) Name of the Petitioner: At the date of infusions At the date of infusions At the date of infusions Currency31 & so on Currency21 Currency1



PART-II FORM-5 Abstract of Admitted Capital Cost for the existing Projects ALAKNANDA HYDRO POWER COMPANY LIMITED Name of the Petitioner: 330 MW (4 x 82.5 MW) SHRINAGAR HYDROELECTRIC PROJECT Name of the Generting Station: Capital Cost as admitted by UPERC Capital Cost as admitted by UPERC Capital cost admitted as on _ (Give reference of relevant UPERC Order with Petition No.& Date) Foreign Component, if any (In Million US \$ or the b relevant currency) Foreign Exchange rate considered for the admitted Not Capital cost (Rs Lakh) Applicable Total Foreign Component (Rs. Lakh) Domestic Component (Rs. Lakh.) e Hedging cost, if any, considered for the admitted f Capital cost (Rs Lakh) Total Capital cost admitted (Rs. Lakh) (d+e+f) Petitioner Co

			(20) Po	vornletts		PART-II FORM-S
Abstract of Capital Cost Est					- Actualist Com	-
Name of the Petitioner: Name of the Generting Station:	330 MW (4 x 82	(DRO POWER C .5 MW) SHRINA	OMPANY LIMITED GAR HYDROELECT	RIC PROJECT	6	
New Projects Capital Cost Estimates					(Rs. Laki)	
soard of Director/ Agency approving the Capital cost stimates:						
Date of approval of the Capital cost estimates:						
	Арр	roved	Com	pleted Cost		
					Ì	
Price level of approved estimates						
Foreign Exchange rate considered for theCapital cost						
estimates						
Capital Cost excluding IDC & FC	Ħ					į
Foreign Component, if any (in Million US \$ or the relevant Currency)						-
Domestic Component (Rs. Cr.)		N	ot Applical	ole		ļ
Capital cost excluding IDC & FC (Rs. Cr)						
IDC & FC						L
Foreign Component, If any (In Million US \$ or the relevant Currency)						
Domestic Component (Rs. Cr.)						
Total IDC & FC (Rs.Cr.)						
Rate of taxes & duties considered						
Capital cost Including IDC & FC						
Foreign Component, if any (in Million US \$ or the relevant Currency)						
Domestic Component (Rs. Cr.)						
			1			
Capital cost Including IDC & FC (Rs. Cr)		_			-	-
Schedule of Commissioning						
COD of Unit - 1		_				
COD of Unit - 3 COD of Unit - 2						
COD of Unit - 4 (last Unit)						
		-				
Note: 1. Copy of approval letter should be enclosed. 2. Details of Capital cost are to be furnished as per FORM-5 3. Details of IDC & Financing Charges are to be furnished as	58 or 5C as applicat s per FORM-14.	ole.		(C) Part	Lioner	١

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

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

(Rs. Lakh.)

		Cost in Rs	. Millions			
SI.No.	Break Down	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	Liabilities/ Provisions (5)	Variation (Rs. Cr.)	Reasons fo Variation
(4)	(2)	(3)	(4)	(5)	(6)	(7)
(1)	Infrastructure Works	(2)				
1.0	Preliminary Investigation and Site Development	7081	7081.00		0	
1.1		3311	3311.00		0	
1.2	Land	100	100.00		0	-
1.3	Buildings	593	593.00		0	
1.4	Township	650	650.00		0	
1.5	Maintenance	0	0.00		0	
1.6	Tools and Plant	1284	1284.00		0	
1.7	Communication	2778	2778.00		0	
1.8	Environment & Ecology	0	0.00		0	
1.9	Losses on stock	0	0.00		0	
1.10	Receipt and recoveries	0	0.00		0	
1.11	Other miscellaneous fixed assets	15797.0	15797.0		0.0	1
1.12						
	and the second	204162	204162.00		0	
2.0	Major Civil Works	0	0.00		0	
2.1	Dam, Intake & Desilting Chambers	0	0.00	(Indiana)	0	
2.2	HRT, TRT, Surge Shaft & Pressure shafts	0	0.00		0	
2.3	Power Plant civil works	0	0.00		0	
2.4	Other civil works (to be specified)	204162	204162		0	
2.5	Total (Major Civil Works)					
		9507	9507.00		0	
3.0	Hydro Mechanical equipment					
		35576	35576.00		0	
4.0	Plant & Equipment	0	0.00		0	
4.1	Initial spares of Plant & Equipment	35,576	35576.00		0	
4.2	Total (Plant & Equipment)					
		5090	5090.00		0	
5.0	Taxes and Duties	0	0.00			
5.1	Custom Duty	0	0.00			
5.2	Other taxes & Duties Total Taxes & Duties	5,090	5,090		0	
5.3	Total Taxes & Duties					
	Construction & Precommissioning expenses					
6.0	Construction & Frecommissioning					
6.1	Erection, testing & commissioning	1479			0	
6.2	In a sure was	2401	2401.00		0	
6.3	Site supervision Total (Const. & Precommissioning)	3,880	3,880		0	
6.4	Total (Const. & Frecommissioning)					
7.0	Overheads				2177	
7.1	Establishment	19254			0	
7.2	Design & Engineering	1874	The second secon		0	
7.3	Audit & Accounts	0			0	
7.4	Contingency		0.00	1851	T. Landson	//

		Cost in Rs	, Millions			
il.No.	Break Down	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	Liabilities/ Provisions (5)	Variation (Rs. Cr.)	Reasons for Variation
(1)	(2)	(3)	(4)	(5)	(6)	(7)
7.5	Rehabilitation & Resettlement	26294	26294.00		0	
7.6	Total (Overheads)	47422	45245		2177	
	Payment GoUP	0	0.00		0	
8.0	Capital Cost without IDC, FC, FERV & Hedging Cost	3,21,434	3,19,257		2,177	
9.0	IDC, FC, FERV & Hedging Cost				13506	
9.1		99501	85995.00		0	
9.2	Finanteing endiges	2511	2511.00		0	
9.3	Poreign exchange	-181	-181.00		0	
9.4	Hedging Cost	0	0.00		13506	
9.5	Total of IDC, FC, FERV	101831	88325		15300	
9.5	O. Hadaina Cari				0	
	Less: Other Income During the Course of Construction	-1385	-1385.00		0	
		4 21 990 0	4,06,197.0		15,683	
10	LDC CC FEDURA	4,21,880.0	4,00,137.0			
	Note:					
1	In case of cost variation, a detailed note giving rea such cost over-run was beyond the control of the giving line case of both time & cost overrun, a detailed no clearly bringing out the agency responsible and	Circiotang 4	f all allow	and cost ov	er-run should	be submit
2	generating company.			u elvies dotai	ls of increase	in orices in
3	different packages from scheduled COD to Actual	eduled COD to	actual anticipa	ted COD.		
4	Impact on account of each reason for Time over runnecessary documents and supporting workings.					
5	A list of balance work assets/work wise including in furnished positively.	nitial spare on t	original scope o	of works along	g with estima	te strait de

Break up of Capital Cost for Plant & Equipment

Part II FORM - 5C

Name of the Petitioner:

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

Name of the Generting Station:

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	0	•
Ė		As Submitted in	Form 5-B and For	m 5E-i		

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

S D D D D D D D D D D D D D D D D D D D

Mis NCC-GVKPTSL M/s Precision Infra El Consortium 8 9 9 8 9 NOt Applicable	ame	Name of the Generating Static 330 MW Shrinagar Hydro-elecuric project	c 330 MW Shrinagar I	Hydro-electric pro	ופרו								M/s TATA	M/s SGS
Supply / Service 4 5 7 8 9 10 11 12 13 14 15 Package 4 5 7 8 9 10 11 12 13 14 15 Package 4 5 7 8 9 10 11 12 13 14 15 Not Applicable 8 9 10 11 12 13 14 15	SI. No.	Name / No. of Construction /	M/s NCC-GVKPTS	SL Consortium		S-GVKPTSL	M/s Precision infra Tech Lid.		=	A/s SMEC Inter	mational Pty. Li		Consulting Engineers Ltd.	India Pvt. Ltd.
Package 4 5 7 8 9 9		Supply / Service			5	100	CONTRACTOR	1	++	12	13	14	15	16
Not Applicable		Package	-	5	7	8	6	10						
Not Applicable	-	7						¥						
Not Applicable	1											-		
Not Applicable														
Not Applicable				5007.0										
Not Applicable	•													
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	4													
	c									Water Committee Control		1	-	
	9			I -										
	7				-	-			-					
	80					-								
	0			-		-								
	1			1							45.0			

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

in case there is time over run

Name of the Petitioner: Name of the Generating Sti

petito	ŭ	
Alaknanda Hydro Power Company Un	330 MW Shrinagar Hydro-electric proj	
	Station:	

	Description of Activity/ Workst Service	Scheduled Completion Date	Actual Completion Date	Time Over-Run Days	Ressons for delay	Other Activities effected
	Land Acquestion	28-Feb-07	30-Jun-08	73	Force Majeure events () in handing over of land and or excution of lease agreement for Gort Land is execution of lease agreement for Gort Land	Major Civil Works and consequently. Hydro-Mechanical Works Electro-Mechanical Works COD
	Major Civil Words	30-707-10	36-Aug-13	1158	Delay in handing over of land Increase in quantum of work due to geological Increase in quantum of work due to geological variations, geo-dechnical reasons, topography, model studies and increased seismic parameters. sup-work order by MOEF dated 30.05.2011	- Hydro-Mechanical Works - Electro-Mechanical Works - COD
- 481	Hydro-Medianical Works	01-99/101	12,3413	123	Delay in execution of divid works - processed quantum of work due to revision in design aspects such as introduction of under place in dam etc.	- Electro-Mechanical Works - COD
-	Electro-Mechanical Works (Boxing up of machines)				- Delay in execution of divid works - Force Majeure Event. Flash Boods inundated power rouse complex on 17,00,2013 (344 days)	CCO
-		10.1884-10	12-Dec-12	847.8	Delay in execution of Civil Works	
-+	Chief	01-0-10	06-May-13	1061.8	Delay in erecutor of Civil Works	
_	Unit#2	2000	1100	1065.8	Delay in execution of Civil Works	
	Unist	10-Aug-10	14-409-13	1100 8	. Projected date of completion Furthal, components washed away by the floods and new custom made components were to be manufactured and supplied by BHEL.	
100	Pre-Commissioning Activities			,		
	Impounding of Reservoir	10-May-10	10-IAn-15	1764.8	Desay in Shifting of Max Dhart Devi Idol to a nighter elevation. Force Majeure Event rots, ovil commotion, resignous surfer non-availability of suffection water for reservor filling.	99
					Non-availability of associated transmission	dop
а	Associated Transmission Sysytem and infer	08-Apr-10	12-Nov-14	1678.2	system and mer connection receives up to	
80	COD of Units		30.00	1749	- Delay in Civil and hydro-mechanical works,	
1	COD UNI-I	10-701-10	25-401-62		Souting of Mas Chair Devi lock to a supply in selection, Impounding of Reservoir, delay in	
1	COD Unit-II	10-Aup-10	21-Jun-15	1111	Associated Transmission System and Inter	
	Electronic Coo	10-Sep-10	02-May-15	1690	Lo addition to above, Components washed	
	David Goo	01-20-01	21-Jun-15	01.21	away by the foods and new custom made components were to be manufactured and supplied by BHEL.	

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

Completion time as peclinvestment Approval (Months) Project Start Date Scheduled COD Months Capacity Unit III Unit III Unit III Unit III		Name of the Petitioner: Name of the Generting Station:	Station:	in Case Alaknanda Hi 330 MW Shrit	In Case There is Claim for Additional ROE. Alaknanda Hydro Power Company Limited 330 MW Shrinagar Hydro-electric project	r Additiona any Limited ic project	I ROE			
Project Scheduled Tinstalled Start Actual time.in Tested Capacity Unit II NOT APPLICABLE		Completion	ume as per	Investment Ap	pproval (Months)		ctual Com	pletion Time		Qualitying time schedule (As- per regulation)
Unit III NOT APPLICABLE Unit III Unit IV		Start Date	Scheduled COD	Months	Installed Capacity	Start	Actual	CONTRACTOR SERVICES	Tested	
Unit IV III	Unit II		П		NOT APPLIC	ABLE				
	Unit III									

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FORM- 8 Details of Allocation of corporate loans to various projects ALAKNANDA HYDRO POWER COMPANY LIMITED 330 MW (4 x 82.5 MW) SHRINAGAR HYDROELECTRIC PROJECT Name of the Petitioner: Name of the Generting Station: (Rs Cr) Package4 Package5 Package6 Package7 Total Package3 9 Package1 Package2 **Particulars** 7 6 5 3 Source of Loan Currency Amount of Loan sanctioned Amount of Gross Loan drawn upto 31.03.2012/COD Interest Type Fixed Interest Rate, if applicable Not 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 Source of loan means the agency from whom the loan has been taken such as WB, ADB, WMB, PNB, SBI, ICICI, IFC, PFC etc. Currency refers to currency of loan such as USS, DM, Yen, Indian Rupee etc. Details are to be submitted as on 31,03,2004 for existing assets and as on COD for the remaining assets. Where the loan has been refinanced, details in the Form is to be given for the loan refinaced. However, the details of the original loan is to If the Tariff in the petition is claimed seperately for various units, details in the Form is to be given seperately for all the units in the same Base rate means the base as PLR, UBOR etc. over which the margin is to be added. Applicable base rate on different dates from the date of form. drawi may also be enclosed. Margin means the points over and above the floating rate. At times caps/floor are put at which the floating rates are frozen. If such a condition exists, specify the limits. Moratorium period refers to the period during which loan servicing liability is not required. 11 Repayment period means the repayment of Ican 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/repayement and its allocation may also be given seperately

If the repayment instalment amount and repayment date can not be worked out from the data furnished above, the repayment schedule ³⁵ In case of Foreign loan, date of each drawal & repayment along with 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.

Fart II PORM . SA

Yearwise Statement of Additional Capitalisation after COD

Name of the Petitioner: Name of the Generating Station:

Alakosoda Hydro Power Company Limited 330 MW Sheinagar Hydro-electric project

(PELANNA)

er Fi	nancial Year:				Commence of the Commence of th	FY TO ILL		
S. No.	Head of Work/ Equipment	Accrual basis	Underharped Liability included in col. 3	Dash basis	in eat. 1	Marie Elevinor	Confessional Establishs within	Commission, if say Net Applicable
-,	Liabilities discharged	0.00	0.00	0.00		Regulation 40 (2) (V)	original scope	
_	Total	0.00	0.00	0.00	0.00			

or Fi	nancial Year:					FY 2019-20		
S. No.	Head of Work/ Equipment	Accrust basis	Undischarged Liability included in col. 3	basis in col.	in eal. 3	Regulations under which claimed	Justification	Commission, if
1		0.00		0.00				
_;	Total	6.00	0.00	0.00	0.00			

	The state of the s		or Financial Year:			Regulations under	Justification	Commission,
S. No.	Head of World Equipment	Accrual basis	Undischarged Liability included in col. 3	Cash	in he set 1	which claimed	динсаточ	any
1		0.00						
3			0,00	0.00	0.00			

Ti-	ancial Year:					21-22		Admitted Cos by the
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	Commission, any
1		0.00	0.00	0.00	0.00			

Admitted Cost by the Commission, I		Regulations under	FY 20	20,01921			ancial Year:	or Fin
any	344415	which claimed	in col. 3	Cash	Undischarged Liability included in col. 3	Accrual basis	Head of Work/ Equipment	5.
		which claimed	in col. 3	basis 0.00	Liability included in	Accrual basis		S. No.

	Total ancial Year:				I	23-24 Regulations under	Justification	Admitted Cost by the
\neg	Head of Work/ Equipment	Accrual basis	Undischarged Liability included in col. 3	Cash	IDC included in col. 3	which claimed	Justineauon	Commission, any
1	Total	0.00	0.00	0.00	0.00			

- in case the project has been completed and cost has already been admitted under any tariff notification in the past fill colours 10 giving the cost admitted for the purpose of tariff notification already issued by (Name of the authority) (Enclose a copy of tariff order)
- 2 The above information needs to be furnished seperately for each year/ period of tariff 2019-24 In case of decapitalization of assets separate details to be furnished at colourn 1,2,3 and 4. Further the original book value and year of a capitalization of such assets to be furnished at colourn 8. Where Dcaps are on estimated basis the same to be shown asperately capitalization of such assets to be furnished at colourn 8.
- Where any asset is rendered unserviceable the same shall be treated as decapitalization during the year and original value of such assets should be shown in Coloumn 3. And impaired value if any year of capitalization to be mentioned in coloumn 5.
- Justification against each asset of capitalization should be specific to regulations under which the claim has been made and the necessity of capitalization of that particular asset.
- Fill the form in chronological order year wise along with the detailed justification clearly bringing out the necessity and the benefits accurring to the benefitiaries. In case of initial spares are purchased along with the equipment, then the cost of such spares should be indicated separately e.g Rotor- 50 Cr. hittal 2. Spares- 6 Cr.

Statement of Additional Capitalisation during fag end of useful life of the Project

Name of the Petitioner:

ALAKNANDA HYDRO POWER COMPANY LIMITED

Name of the Generting Station:

330 MW (4 x 82.5 MW) SHRINAGAR HYDROELECTRIC PROJECT

SI.No.	Year	Work /	Amount capitalised /Proposed to be capitalised (Rs Lakh)	Justification	Impact on life extension
		Equipment		(6)	(7)
(1)	(2)	(3)	(4)	(0)	
	7				
		TOTAL			

Note:

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

PART-II FORM-9Bi

Details of Assets De-capitalized during the period

Name of the Petitioner:

ALAKNANDA HYDRO POWER COMPANY LIMITED

Name of the Generting Station:

330 MW (4 x 82.5 MW) SHRINAGAR HYDROELECTRIC PROJECT

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

Note:

Year wise detail need to be submitted.



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

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

SI.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 dalimed under Exclusions

Name of the Petitioner:

ALAKNANDA HYDRO POWER COMPANY LIMITED

Name of the Generting Station:

330 MW (4 x 82.5 MW) SHRINAGAR HYDROELECTRIC PROJECT

COD

			ACE Claimed und	er Exclusion		
SI,No.	Head of Work/ Equipment	Accrual basis	Undischarged Liability included	Cash basis	IDC included in col. 3	Justification
			in col. 3	(5=3-4)	(6)	(9)
(1)	(2)	(3)	(4)	12.2		
		Vi				Details.
						76
		NIL				
4	10		+			
			-		4	
	_				- reference of Comm	

1 Exclusions claimed on assets not allowed in Tariff should be supported by the specific reference of Commission Order date,

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.



THE PERSON		PART-II FORM-9E	
	Statement of Capital cost (To be given for relevant dates and years wise)		
e Petitioner : e Generting Station	ALAKNANDA HYDRO POWER COMPANY LIMITED	PROJECT	
e Generung Station	: 330 MW (4 x 82.5 MW) SHRINAGAR HYDROELECTR	Amount In Rs. Lakh	
S. No.	W-stables	As on 31.03.2016	
A	Variables Opening Gross Block Amount as per books	4,06,197,00	
	Opening Gross Block Amount as per books Amount of capital liabilities in A(a) above	0.00	
	Amount of IDC in A(a) above	85,995.00	
	Amount of FC in A(a) above	. 2,511.00	
	Amount of FERV in A(a) above	-181.00	
		0.00	
	Amount of Hedging Cost in A(a) above Amount of IEDC in A(a) above	0.00	
	Amount of februit A(a) above		
В	Addition in Gross Block Amount during the period (Direct purchases)	0,00	
		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 Amount of Hedging Cost in B(a) above	0.00	
	Amount of IEDC in B(a) above	0.00	
	Amount of feet in b(a) deete		
c	Addition in Gross Block Amount during the period (Transferred from CWIP)	0.00	
	A CASA CALLED CONTROL	0,00	
	Amount of capital liabilities in C(a) above	0,00	
	Amount of IDC in C(a) above d) Amount of FC in C(a) above	0.00	
	e) Amount of FERV in C(a) above	0.00	
	f) Amount of Fervin (o) above	0.00	
	g) Amount of IEDC in C(a) above	0.00	
	g) Amount of reaching (a) coore		
	a)Deletion in Gross Block Amount during the period	0.00	
D	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	
	8/74/100/100/100/100/100/100/100/100/100/10		
E	a)Closing Gross Block Amount as per books	4,06,197.00	
	b) Amount of capital liabilities in E(a) above	0.00	
	c) Amount of IDC in E(a) above	85,995.00	
	d) Amount of FC in E(a) above	2,511.00	
	e) Amount of FERV in E(a) above	-181.00	
	f) Amount of Hedging Cost in E(a) above	0.00	
	g) Amount of IEDC in E(a) above	0.00	

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

Name of the Petitioner : Name of the Power Station : ALAKNANDA HYDRO POWER COMPANY LIMITED

330 MW (4 x 82.5 MW) SHRINAGAR HYDROELECTRIC PROJECT

Amount in Rs. Lakh

ne of the Power Station :	330 MM (4 x 82.3 MM) SILL	Amount in Rs. Lakh
		As on Relevant Date
S. No.	Variables	
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	
В	Addition in CWIP during the period	
В	Amount of capital fiabilities 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	9
	Amount of IEDC in B(a) above	
	Transferred to Gross Block Amount during the period	
С	Transferred to Gross block Amount above	
	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	
	La ba	
E	a)Closing CWIP as per books b) Amount of capital liabilities in E(a) above	
	b) Amount of capital naturals in E(a) about	
	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	
	In a mount of lend in clay source	

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

g) Amount of IEDC in E(a) above

Petitioner

				AAR HYDROELEC	330 MW (4 x 82.5 MW) SHRINAGAR HYDROELECTRIC PROJECT		Amount in Relaid	
Actual				Admitted				
Financial Year Year 1 Year 2 (Starting from COD)*	Year3	Yeard	Year 5 & so on	Year 1	Year 2	Year3	Yeard	Year 5 & so on
1 2 3	4	5	9	7	8	6	10	11
Amount Captalized in Work/Equipment								
Financing Details								
Loan-1								
Loan-2	2 1		Not Applicable	aple				
Loan-3 and so on								
Total Loan'								
Equity								
Internal Resources								
Others (Pl. specify)								
Total								

Name of the Petitioner :

Name of the Generting Station:

ALAKNANDA HYDRO POWER COMPANY LIMITED

330 MW (4 x 82.5 MW) SHRINAGAR HYDROELECTRIC PROJECT

Amount in Rs Lakh

				FY 2019-20		
SI.No.	Name of the Asset ^a	Gross Block as on 31.03.2019 or as on COD	Additions During the Year as per provisional accounts	Adjustment for deletion of units	Depreciation Rates as per CERC's Depreciation Rate Schedule	Depreciation Amount
	- m	(2)			(3)	4= Col.2 X Col.3
1	(1) Land & Land Rights	1429.0	ris e		0.00%	•
2	Lease Hold Land	1882.0			3.34%	62.86
3		0.0				•
4	Temporary Structure	2,79,427.41			3.34%	9,332.88
	Buildings	2,79,427.41				1.5
5	hydraulic Works	0.0		4		•
6	Other Civil works	1,23,098,28			5.83%	7,176.63
7	Plant & Machinery	1,23,098.26				•
8	Lines, Cables, Networks Etc.	46.60			9.50%	4.43
9	Vehicles	69.9			6.33%	4.42
10	Furniture & Fixtures	86.0			6.33%	5.44
11	Office Equipments	20,0				
12	Capital Spares at Generating Stations	0.0				
13	Electric Equipments	0.0				
14	Survey Equipments	0.0				
15	Tools & Tackles	0.0				
16	Electric Installation	0.0		-		
17	Steel Shuttering	0.0				
18	Library Book	0.0				
19	Wooden Frames	0,				-
20	Wireless Set	0.			15.00%	9.22
21	Computers	61.4			15.00%	14.60
22	Computer Software	97.3	5	-		
23	Undischarged Liabilities				4.10%	15,510.48
	TOTAL	4,06,198.00	*			
	Weighted Average Rate of Depreciation (%)					

*Provide details of Freehold land and Lease hold land separately

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



Calculation of Depreciation.

Name of the Petitioner:

ALAKNANDA HYDRO POWER COMPANY LIMITED

Amount in Rs Lakh

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

				FY 2020-21		
Sl.No.	Name of the Asset	Gross Block as on 31.03.2019 or as on COD	Additions During the Year as per provisional accounts	Adjustment for deletion of units	Depreciation Rates as per CERC's Depreciation	Depreciation Amount
		(2)	accounts		(3)	4= Col.2 X Col.3
	(1)	(2)			0.00%	
1 4	and & Land Rights	1429.0			3.34%	62.86
2	ease Hold Land	1882.0				
3 T	Temporary Structure	0.0			3.34%	9,332.88
4 E	Buildings	2,79,427.41				-
5 F	hydraulic Works	0.0		-		5/1
6	Other Civil works	0.0)	1	5.83%	7,176.63
7	Plant & Machinery	1,23,098.28				
8	Lines, Cables, Networks Etc.	0.0			9.50%	4,43
9	Vehicles	46.60			6.33%	75.15
	Furniture & Fixtures	69.6	9		6.33%	
	Office Equipments	86.	0			
12	Capital Spares at Generating Stations	0.	0			
13	Electric Equipments	0.				
14	Survey Equipments	0.				
15	Tools & Tackles	0.				
15	Electric Installation	0.				
17	Steel Shuttering	0.				-
18	Library Book	0.				•
19	Wooden Frames					-
20	Wireless Set	0	.0		15.009	6 9.22
21	Computers	61.	10		15.009	
22	Computer Software	97.	30			
23	Undischarged Liabilities				4.10%	16,610.48
	TOTAL	4,06,198.0	0 -	<u> </u>	412074	10.1 M. M.
	Weighted Average Rate					

*Provide details of Freehold land and Lease hold land separately

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



Cartal and Depression

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

Amount in its Lakh

SI.No.	Name of the Asset'	Gross Block as on 31.03.2019 or as on COD	Additions During the Year as per provisional accounts	Adjustment for deletion of units	Depreciation Rates as per CERC's Depreciation	Depreciation Amount
	(1)	(2)	200		(2)	dir Col.1 X Col.3
1	Land & Land Rights	1,429.00			0.00%	7.1
2	Lease Hold Land	1,882.00			3.14%	62.86
1						
	Temporary Structure				1.34%	9,192,88
4	Buildings	2,79,427.41	1			•
5	hydraulic Works		-	-		
6	Other Civil works	*				7,176.63
7	Plant & Machinery	1,23,098.28			5.83%	2,2216.00
8	Lines, Cables, Networks Etc.	-				2014
9	Vehicles	46.60			9.50%	the same of the sa
10	Furniture & Fixtures	69 88			6.33%	
11	Office Equipments	86.01			6.33%	5,44
12	Capital Spares at Generating Stations	(4)				
13	Electric Equipments	+):				
14	Survey Equipments	*				-
15	Tools & Tackles			-		-
16	Electric Installation				-	1
17	Steel Shuttering			-	-	14
18	Library Book		-		-	
19	Wooden Frames		-			
20	Wireless Set	*				,
21	Computers	61.4	7		15,00	
22	Computer Software	97.3	5		15.00	% 14.6
23	Undischarged Liabilities	-				-
1007	TOTAL	4,06,198.0			4.10%	16,510.4
	Weighted Average Rate of Depreciation (%)					

*Provide details of Freehold land and Lease hold land separately

Note

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

Petitioner

PART-II 11 MEDS

Carculation of Depte thation

Name of the Petitioner:

Name of the Generting Station:

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

Amount in As Lakh

SI.No.	Name of the Asset ¹	Gross Block as on 31.03.2019 or as on COO	Additions During the Year as per provisional accounts	Adjustment for deletion of units	Depreciation Rates as per CERC's Depreciation	Depreciation Amount 4= Col.2 X Col.3
	(1)	(2)			0.60%	4- (8-2 × co)
1 1	and & Land Rights	1,429.00			1,40,700,000	62.85
	ease Hold Land	1,882.00			3.34%	92.00
	Paral a Control (1994 - 199	0				9,332.88
1.40	Temporary Structure	2,79,427.41			3.34%	9,332.00
	Buildings	2,73,427.42	110-110			
5	hydraulic Works				11.5	- 1
6	Other Civil works	*			5.83%	7,175.63
7	Plant & Machinery	1,23,098.28				
8	Lines, Cables, Networks Etc.				9.50%	4.43
9	Vehicles	46.60			6.33%	4.42
	Furniture & Fixtures	69.88			6.33%	5.44
	Office Equipments	86.01				10
12	Capital Spares at Generating Stations					
13	Electric Equipments					- :
14	Survey Equipments	-		V		-
15	Tools & Tackles					
16	Electric Installation					
17	Steel Shuttering					
18	Library Book					
19	Wooden Frames					
20	Wireless Set				15.00%	9.2
21	Computers	61.47 97.35			15.00%	
22	Computer Software	97.33				
23	Undischarged Liabilities	4.05 \$00.00		(*)	4.10%	16,610.48
2.3	TOTAL	4,06,198.00				
	Weighted Average Rate of Depreciation (%)					

*Provide details of Freehold land and Lease hold land separately

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

Petitioner

Calculation of Depreciation

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

EV 2023-24

Amount in Rs Lakh

				FY 2023-24	Depreciation	
SI.No.	Name of the Asset ¹	Gross Block as on 31.03.2019 or as on COD	Additions During the Year as per provisional accounts	Adjustment for deletion of units	Rates as per CERC's Depreciation	Depreciation Amount
		(2)			(3)	4= Col.2 X Col.3
	(1)	1,429.00			0.00%	
1 la	ind & Land Rights	N. C.			3.34%	62.86
2 Le	ease Hold Land	1,882.00				•
3 Te	emporary Structure	0		-	3.34%	9,332.88
4 B	uildings	2,79,427.41				•
	ydraulic Works	•				
	ther Civil works					7,176.53
		1,23,098.28			5.83%	-
	lant & Machinery	2,200				•
8 L	ines, Cables, Networks Etc.				9.50%	
9 1	/ehicles	46.60			6.33%	
TO 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	urniture & Fixtures	69.88			6.33%	5.44
	Office Equipments	86.01			A STATE OF THE STA	
1000	Capital Spares at Generating Stations					
13	Electric Equipments					
14	Survey Equipments					
	Tools & Tackles	-	+			
16	Electric Installation		-			
17	Steel Shuttering					+ :
	Library Book					
19	Wooden Frames					
20	Wireless Set		-		15.00	% 9.2
21	Computers	61.4 97.3	No.		15.00	% 14.6
22	Computer Software	97.3	3			
23	Undischarged Liabilities				4.104%	16,610.4
	TOTAL	4,06,198.0		-		
	Weighted Average Rate of Depreciation (%)					

Provide details of Freehold land and Lease hold land separately

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



ame of	Name of the Petitioner: Name of the Generting Station:	ALAKNANDA HYDRO POWER COMPANY UMITED 330 MW (4 x 82.5 MW) SHRINAGAR HYDROELECTRIC PROJECT	HYDRO POV 82.5 MW] S	WER COMPA HRINAGAR !	NY UMITED AYDROELECT	RIC PROJECT	PROJECT (Amount in Rs Lakh)
200	Particulars	3019.70	2020-21	2021-22	2022-23	2023-24	803
-	2	406197.00	406197.00	406197.00	406197.00	406197.00	000
	Opening Capital Cost	+-	406197.00	406197.00	406197.00	406197.00	000
	Closing Capital Cost	-	406197.00	406197.00	406197.00	406197.00	200
	Average Capital Cost	1429.00	1429.00	1429.00	2000	4 10%	4,10%
	Freehold land	4.10%	4.10%	4.10%	4.40%	05 22 39	000
	Rate of depreciation	365577.30	365577.30	365577.30	363277.30	1	
	Depreciable value				00 100	00 101300	0.00
	Balance useful life at the beginning of the period	406197.00	406197.00	406197.00	406197.00	16610 44	000
	Remaining depreciable value	16610.44	16610.44	16610.44	15510 44	15610 34	0.00
	Depreciation (for the period)	16610.44	16610.44	15610.44	10010		
	Depreciation (annualised)						
	Cumulative depreciation at the end of the period						
	Less: Cumulative depreciation adjustment on						
	occount of un-distribution COD						
	Less: Cumulative depreciation adjustment on				+-	63 130111	
	account of de-capitalisation	80612.83	97223.27	113833.71	130444,15	-	
	thet Cumulative depreciation at the end of the						
	period period.				-		
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Alaknanda Hydro Power Company Umiter 330 MW Shrinager Hydro electric project

Calculation of Weighted Average Rate of Interest on Actual Leans

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Notes Loans J. (Rupee Term Loans from REC.)
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Act. Chrestly Christian the Community of Latins the Community of Latins Reperpending in Lean during the year.
Leas Reperpending of Leans during the year. Lossie (FCTL Lase from Axis Sank)
Gross lost: Opening
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Met lost: Opening
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Less: Repayment (s) of Leans Gamp the year Council (Rupes Term Loans from PFC)
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13.081

I. In case of Foreign Leans, the calculations in Indian Rupcess are to be furnished. However, the calculation in Original currency is also to be furnished expansively in the series form.

						PART-II	=
						FORM- 13A	13A
	Galgulation of	Calculation of Interest on Normative Loan	nedive Loan				
ame of lame of	Name of the Petitioner: Name of the Generting Station:	ALAKNANDA HYDRO POWER COMPANY LIMITED 330 MW (4 x 82.5 MW) SHRINAGAR HYDROELECTRIC PROJECT	HYDRO POV 82.5 MW) SI	VER COMPA	NY LIMITED HYDROELECT	RIC PROJEC	PROJECT
	16°			100	2021 33	2022-23	2023-24
	Datie Date	2018-19	2019-20	2020-21	77-1707	7	œ
S. No.			4	Ŋ	9	,	
1	2	00 000	2 89 694 00	289694	289694	289694	289694
	Gross Normative Ioan - Opening	2,89,694.00	7,05,05,00			** ***	130000 15
	Cumulative repayment of Normative loan upto	47391.95	64002.39	80612.83	97223.27	113833.71	TOCHANGE
	previous year	70 000000	225501 61	209081.17	192470.73	175860.29	159249.85
	Not Normative loan - Opening	242302.05	TO:TEDC77			000	0
	Add: Increase due to addition during the year /	00'0	0.00	0.00	0.00	0.00	00.0
	period	10010 44	16610.44	16610.44	16610.44	16610.44	16610.44
-	1 Donayment during the year	10010.44	1				000
	Less: Decrease due to reversal during the year /	00:00	0.00	0.00	0.00	0000	0.00
	period						
	Add: Increase due to discharges during the year /				-	1507/0 85	142639.41
	period	225691.61	209081.17	192470.73	+	+	150944.63
	Net Normative loan - Closing	233996.83	217386.39	50	Ã	+	12 60%
	Average Normative loan	12.5%	12.60%	12.60%	-	+	19019 10
	Weighted average rate of interest	29235.56	-	25300.49	23206.79	21113.01	10000
	Interest on Loan					Petitioner	
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me of t	Name of the Petitioner: Name of the Generting Station:	ALAKNANDA HYDRO POWER COMPANY LIMITED 330 MW (4 x 82.5 MW) SHRINAGAR HYDROELECTRIC	HYDRO POV 82.5 MW) S	WER COMPA HRINAGAR I	NY LIMITED HYDROELECT	RIC
		2019-20	2020-21	2021-22	2022-23	2023-24
S. No.	Particulars		L	9	7	8
	2	4	0	42427 67	13719.54	14332.80
.,	1	12032.75	12570.61	13132.32		11011
	O & M expenses tor the year	1002 73	1047.55	1094.38	1143.29	1134.40
	O & M Expenses	100/01	1885.59	1969.88	2057.93	2149.92
	Maintenance Spares	100-001	0000 43	8859.70	8673.20	8490.06
		9216.60	3043.45	1	1107/100	11834.00
	Receivables	12024.00	11983.00	11924.00	110/4:00	000
	Total Working Capital	12.05%	12.05%	12.05%	12.05%	12.0579
	Bate of Interest	1448.89	1443.95	1436.84	1430.82	1426.00
	Interest on Working Capital	20044				

2020	-	1070.	4.41/0	14332.8			
2077-73			4.47%	13719.5			-
20 1505	77-1707		4.47%	13132.5	-		
	2020-21		4.47%	306364	172/0.0		
	2019-20		70LV V	4:41 /0	12032.7		
			nses			uses	
		ricular	OS.NA Expe	SE ORIVI LAPA	alation	tal O&M Expense	
		0	2 6	pg	ES	P	



		Other Income as on GOD	
of the	Name of the Petitioner: Name of the Generting Station:	ALAKNANDA HYDRO POWER COMPANY LIMITED 330 MW (4 x 82.5 MW) SHRINAGAR HYDROELECTRIC PROJECT (Amount	APANY LIMITED AR HYDROELECTRIC PROJECT (Amount in Rs Lakh)
S. No.	Particulars	Existing 2013-14	
=	Interest on Loans and advance		
=	Interest received on deposits		
=	Income from Investment		£
=	Income from sale of scrap		Not Applicable
-	Rebate for timely payment		
9	Surcharge on late payment from		
	Rent from residential building	-	
	Misc. receipts (Please Specify Details)		THE STATE OF THE S

PART-II FORM-13D

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

Name of the Petitioner:

ALAKNANDA HYDRO POWER COMPANY LIMITED

330 MW (4 x 82.5 MW) SHRINAGAR HYDROELECTRIC PROJECT

Name of the Generting Station:

Amount in Rs Lakh

SI.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		
3.5%			
В	Total Expenses		
	Learn Income from sale of tenders		
	- from cupst nouse		
-	Less: Income recovered from Contractors		property and the same
	Less: Interest on Deposits		1. Sandar
	1007		Petitioner

						-/:	-	o morning	FOR	
	121		-	TOTAL FOR	Ope theres			100000		
	Crist.	New A school Mar	or Calculation	DINGREE						
nad United		ALAENANDA	HEDRO POWER	COMPANY LIM	TED PROI	ect			cool	-/
me of the Petitioner: me of the Generaling Sta	Mine 1	230 MW (4 .	ELS MIN) SIRU	MAGAR HYDROS	-			Quantum	Exchange	Amount
leo.	Draw Down	Character 1		Amount in	Quantum	Eachante	Amount in Indian	in Foreign	Rate on	in Indian
766.	Particulars	Quantum in	Exchange	The second secon	in Foreign	Rate on	Rupee (Ra	currency	draw	Aupee (R
	E52.5000	foreign	down date	(Ra Lakh)	currency	draw	(akh)	2000000	dawn	Lakh)
	1	CHLIAUCA	down con-			date			date	-
	1				_	Gate			-	-
	Table 1				-				-	-
	Foreign Loans		The State of	-	-		-	-		
	Paragraphic Street			-		-	-			
11	Foreign Loan	_				-	-			-
	Drym down Amount	_				-			-	-
	STIC .	_			-					
	Foreign Exchange flate						-	-		
	Variation			-			-	-		
	redging Cost		-	-		-	-			-
	-	_				-	-		-	-
1.7	Foreign Loans			-	-			-	-	
	Cress Acres Arrenant			-		1		-	-	
	Total recting charges			-	-					
	Foreign Cechange Rate						-	-		
	Variation		-			-	-			-
	medging Cost	-			-	-	1		-	-
7.	The second secon			-	-	-		-	-	-
11	Cres does			-	-			-	-	-
	Amount			-				-	-	
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	Foreign Enthange Kate					-	-			
	Varietion	_			_	-				_
	Hedging Cest				-	1			-	-
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	Annual Control	- N			_					_
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	Singles Loan 2		_	Amount	_				_	-
121	Draw down		_	A. Marie		and the same		_		
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	in the second second		-			-	-			
124	14					-	-	-		
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			THE PERSON			-	-			
12	Total Indian Loans	-	o- U	Amount		-				-
	Crew down									-
	150			Fi manor	-			-		
	charges						. 11	-	7-2-1	

*	in on least	Squarter 1 Squares 4 Standard Squares	Seen on Seen	ACCOUNT OF	inches in a	Employees Supra co Supra Sup Supra Supra Supra Supra Supra Supra Supra Supra Supra Supra Supra Supra Supra S	Actions to tooline Mayore (Ko 1,000)	Commission ()		Accounté les teaties Bengins (No Labelle)
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	Primaring phatigor		1	1		1	0.0	- Annual Contraction		
	Francisco Sectioning Name			-			-	-	-	
	Name and Address of the Owner o	-					-	-		
	transport con	1	1	-		1		-		
-	- Park		-					-		1
	Ferry toris day			1	-					1
	and the same of the same					-				_
	Section 20	-			_	-	-	100		
	permitte.			The second second	-	position in commercial distributions of the commercial distrib				
Project of 1950 or any agency of 1950 or any	CONTRACTOR OF THE PARTY OF THE	Anne No circum Anne No circum Anne No circum Anne No circum	And the same	, 1,					0	-

	Actua	Actual Cash Expenditure	FORM- 14A	-14A
Name of the Petitioner: Name of the Generting Station:		ALAKNANDA HYDRO POWER COMPANY LIMITED 330 MW (4 x 82.5 MW) SHRINAGAR HYDROELECTRIC PROJECT (Amount in Rs	OWER COMPANY LIMI) SHRINAGAR HYDROE	TED LECTRIC 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	ab built bue at	ployment justification ne	ed to be furnished	
Note: If there is variation between payments and the same of the s	ymerics and raise			(rew.(Petitioner)
				* NATO

	PART-II FORM- 15 A	tions
· Assumed the second second second	thing mentions of the compensation of the compensation	
ne of the Petitioner: ne of the Generting Station:	ALAENANDA HYDRO POWER COMPANY LIMITED 330 MW (4 x 82.5 MW) SHRINAGAR HYDROELECTRIC F	ROJECT
	₩ .	
	Not Applicable	
	MOC APP.	
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		100
	15/	-
	Per	tioner

PART-II FORM- 15 B

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

Name of the Petitioner:

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

Name of the Generting Station:

HYDROELECTRIC PROJECT

anth	Unit	Design Energy
onth		10.79
April		9.95
_		11.11
	m	10 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	Total	15.94
May	1	19.08
	11	28.73
	III	
	Total	57.11
June	1	66.74
	11 111	56.96
	Total	75,24
	1	75.24
July	11	82.76
	III .	
_	Total	75.24
	1	75.24
August	- 1	82.76
	ш	
	Total	75.24
September	1	75.24
September	II	54.85
-	111	
	Total	43.44
October	1	40.23
		29.42
	- #	
	Total	22.9
November	11	17.5
		16.9
	111	
	Total	15.7
December	1 1	14.4
		14.3
	Total	
	I	11.
January	i	11.
	- iii	11.
-	Total	
	1	9.
February	i i	10
	iii	7
-	Total	
-	1	8
March		9
-		10
	Total	1,25

Particular Continues Con		Name of the Petitioner: Name of the Generating Station:	Alaknanda Hydro Power Company Limited 330 MW Shrinagar Hydro-electric project	o Power Compart Hydro-electr	any Limited to project	E2										Rs Lekhs
Referencion Money Conditions (Conditions (Conditio	vi 2	Particular		Discharges om 21.06.2016		Discha	rges Discha 7.18) (FY 201			-			Discharges (FY 2022-23)		-	31,03,2024
Concision Money Capital Works Capital Wo	-	Retention Money	_				-									1
Not Applicable Processes	2	Creditors for Capital works		I												'
Party Part	60	Sundry creditors (EDC)		Г												1
Peteretional Bones Peteretion Money Peteretio	4	Outstanding Liabilities for expenses		1												-
Party Party Condition Notes Party Pa	10	Development Costs payable to Govt.		Γ												
Party Chestion Money Lability as Profession Money Chestings Party Chestings Party Chestings Party Chestings Party Chestings Party	0	1		Τ												
Party Credition Money Lability as Discourage Credition Money Lability as Discourage Credition Money Credition Money Credition for Capital Works Credition for Capita				П												
Party Cheditions for Capital Works Cheditions for Capita		Retention Money								200					, Total	
Relemblon Money 21.06-2015 10-3	L		Uability as	DIE					Not Ap	plicable					discharges	_
Referrition Money Creditions for Capital Works Parry Creditions for Capital Works Credi	ń 2	_		(Fron						100000000000000000000000000000000000000					during MY	27
RefereNon Money Credition for Capital works Liability as Discharges Disch	1		21.08.2015	tot												•
Creditors for Capital Works Parry Parry Creditors for Capital Works Creditors for Capit				I												
Party Party Creditors for Capital Works Discharges Creditors for Capital Works Discharges Ordifors for Capital Works Creditors for Capital Works Sundry creditors (EDC) Daily 18		Retention Money	-	1												
Creditors for Capital Works Discharges		Creditors for Capital works							,						Total	
Creditors for Capital Works 21.06.2016 to 3	L	г	Uability as	1											discharges	
Sundry creditors for Capital Works Sundry creditors (EDC) Lability as Discharges Disch) Z	4	21.06.2015	_											during MY	+
Sundry creditors (EDC) Lability as Discharges Discharg	1															
Sundry creditors (EDC) Liability as Discharges Dischar		Creditors for Capital Works													_	
Party Pa		Sundry creditors (EDC)	200-00-00-00-00-00-00-00-00-00-00-00-00-	_								e je	- 1		_l,	100
Sundry Creditors EDC 21.05.2016 to 31.03.2016)	-		Liability a	_	8 5	charges 1	4	Discharges FY 2018-19)	uo	Discharges (FY 2019-20)	Oischarge (FY 2020-2	_	-	_		
		_	21.06.20		4		-		31.03.2018					4		
					٠			1		1		-				
(hetitiques)		Sundry Creditors EDC			-	-										
		(Petitionary Cranical Control of			2.0											

