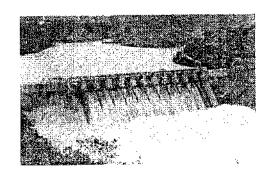


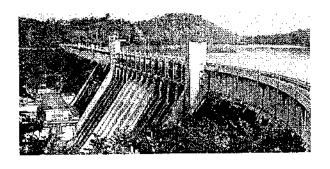
# MYT PETITION FOR DETERMINATION OF TARIFF FOR THE PERIOD- FY 2019-20 TO 2023-24

Submitted to

Hon'ble

### UTTAR PRADESH ELECTRICITY REGULATORY COMMISSION





JUNE 22, 2022

UTTAR PRADESH JAL VIDYUT NIGAM LTD. Shakti Bhawan, Lucknow

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### 1.1. Background

The Petitioner UPJVNL has filed a Petition bearing number 1790 of 2021 for determination of tariff for 2019-24 tariff period for its following hydro power projects:

- Rihand HPS
- Matatila HPS
- Obra HPS
- Khara HPS
- Upper Ganga Canal SHP's
- Belka SHP
- Babail SHP

The Petitioner has also filed a Petition bearing number 1498 of 2019 for determination of tariff for Rihand and Matatila HPS. However, there are various appeals pertaining to the aforesaid plants which are pending with Hon'ble APTEL on the jurisdiction issues of these plants.

Accordingly, in the hearing dated 08.06.2022 Hon'ble UPERC vide its ROP directed the Petitioner to file the amended Petition against Petition No. 1790 of 2021 after excluding the tariff determination part of Rihand and Matatila HPS.

Accordingly, in this amended petition UPJVNL has excluded the chapters pertaining to Rihand and Matatila HPS. Further, UPJVNL would like to submit that the additional capital expenditure projected in the original Petition was on estimated basis. Due to unavoidable scenarios arising out of COVID 19 there were certain works/ procurement that were projected for FY 2019-20, FY 2020-21 and FY 2021-22 in the original Petition could not be completed. Therefore UPJVNL has revised its projected additional capital expenditure for Obra HEP and Khara HEP in the instant amended Petition.

### 1.2. Rationale

The Electricity Act, 2003 (Act 36 of 2003) came into force with effect from 10th October 2003 and the previous Acts governing the electricity supply in the country viz. The Indian Electricity Act, 1910 (9 of 1910), the Electricity (Supply) Act, 1948 (54 of 1948), and the Electricity Regulatory Commissions Act, 1998 have been repealed. The provisions of the UP-Electricity Reform Act, 1999 (Uttar Pradesh Act 24 of 1999) to the extent not inconsistent with the provisions of the Electricity Act, 2003, however, continue to apply to Uttar Pradesh.

As per Section 10 (2) of the Electricity Act, 2003 (hereinafter referred to as the Act), UPJVNL shall supply electricity to the Licensees (UPPCL/ HPSEBL/ MPPMCL or its successors). Section 62 (1) of the Act provides that the Appropriate Commission shall determine the tariff in accordance with the provisions of the Act, inter-alia, for supply of electricity by a generating company to a distribution licensee. Further, in accordance with Section 86 (1) (a) of the Act, UPERC shall determine the tariff of

generation of power at stations owned by the UPJVNL. Section 86 (1) (b) further mandates UPERC to regulate electricity purchase and procurement process of distribution licensees including the price at which electricity shall be procured from the generating companies or licensees. Accordingly, this petition is being submitted by the state generating utility for determination of tariff of its power stations.

Hon'ble CERC vide order dated 12.10.2017 in Petition 128-MP-2016 has decided Rihand HPS and Matatila HPS as composite project and ordered UPJVNL to file tariff petition in CERC only. Later, a meeting was held between Principle Secretary (Energy), GoUP and Principle Secretary (Energy), GoMP on dated 09.08.2018 and it was discussed alongside the meeting that MP Power Management Company Limited (MPPMCL) shall continue with the practice of filing tariff for the Rajghat HPS before Hon'ble MPERC and UP Jal Vidyut Nigam Limited (UPJVNL) will file tariff Petition for Rihand HPS & Matatila HPS before Hon'ble UPERC. Moreover to this, UPPCL and MPPMCL have given their consent to file tariff petition of Rihand HPS & Matatila HPS before Hon'ble UPERC.

### 1.3. UPJVNL

Uttar Pradesh Jal Vidyut Nigam Limited (UPJVNL), hereinafter referred to as the "Petitioner" is a company incorporated on 15<sup>th</sup> April 1985 under the Companies Act 1956 in the name of "Uttar Pradesh Alparthak Evam Laghu Jal Nigam (UPAELJVN)" which was subsequently changed to "Uttar Pradesh Jal Vidyut Nigam Limited" on 17<sup>th</sup> December 1996.

UPAELJVN was incorporated with a view to investigate new sites for Mini & Small hydroelectric schemes in hilly & plain regions of the State and to formulate the detailed project reports and also to execute the same. The main objectives to be pursued by the Company were as mentioned below:

- > To establish, operate and maintain small hydro-electric generating stations and associated transmission lines and sub-stations
- > Survey & investigation of New Small Hydro-Electric Schemes and Preparation of Project Reports.
- To enter into arrangements for the sale of Electricity generated by Nigam to U.P State Electricity Board or to any other agency with the consent of the state government.
- ➤ Electrification of the villages located near Nigam's Small Hydro-Electric Projects. To promote the participation of Private sector in the development of Small Hydro-Electric Projects in Uttar Pradesh.

The reforms in the power sector of Uttar Pradesh started with the enactment of Uttar Pradesh Electricity Reforms Act, 1999. Subsequently, Uttar Pradesh Electricity Reforms Transfer Scheme, 2000 (hereinafter referred to as the First Transfer Scheme) was notified vide notification No. 149/P-1/2000-24, Lucknow, on 14th January 2000.

Consequent to which, Uttar Pradesh State Electricity Board (UPSEB) was unbundled into three different entities, Uttar Pradesh Power Corporation Limited (UPPCL), Uttar Pradesh Rajya Vidyut Utpadan Nigam Limited (UPRVUNL) and Uttar Pradesh Jai Vidyut Nigam Limited (UPJVNL). Uttar Pradesh Power Corporation Limited (UPPCL) was vested with the responsibility of transmission and distribution



of electricity. Uttar Pradesh Rajya Vidyut Nigam Limited (UPRVUNL) was vested with the responsibility of generation and sale of electricity from the thermal generating stations and Uttar Pradesh Jal Vidyut Nigam Limited (UPJVNL) was vested with the responsibility of generation and sale of electricity from the hydro generating assets of erstwhile UPSEB. As part of the scheme all Hydro Power generating stations as set out in Schedule B to the transfer scheme were transferred to and vested with the Petitioner.

The transfer Scheme was by GoUP vide notification no. 348/P-1/2001-24 dated 25th January 2001, which made the Transfer Scheme of the year 2000 effective from 14th January 2000. The modified Scheme provided that value of gross fixed assets as INR 943.38 Cr. & INR 403.18 Cr as total long-term debt and the equity amount to INR 372.18 Cr.

In pursuance of GOUP notification no., 2740/P-1/2003-24-14P/2003 dated 12th August 2003, UPPCL was further divided into five successor companies, with UPPCL as Transco and four successor distribution companies (hereinafter referred to as "licensees"), which are as follows:

- 1 Paschimanchal VidyutVitran Nigam Limited, Meerut (Meerut DisCom)
- 2 Dakshinanchal VidyutVitran Nigam Limited, Agra (Agra DisCom)
- 3 Madhyanchal VidyutVitran Nigam Limited, Lucknow (Łucknow DisCom)
- 4 Poorvanchal VidyutVitran Nigam Limited, Varanasi (Varanasi DisCom)

The Petitioner, in its application, has provided a description on the evolution of UPJVNL vis-à-vis the structural changes that occurred in the power sector in the state of Uttar Pradesh subsequent to unbundling of the erstwhile UPSEB. It had to undergo further restructuring due to the reorganization of the state by carving out the state of Uttarakhand from Uttar Pradesh. Prior to this bifurcation, all the assets of hydro generation were under the control of Uttar Pradesh Jal Vidyut Nigam Limited. Due to carving out of the state of Uttarakhand from Uttar Pradesh, the generating assets falling under the geographical domain of Uttarakhand were vested in a new company, the Uttarakhand Jal Vidyut Nigam Limited (UJVNL) with effect from 08<sup>th</sup> November 2001 the date on which the State of Uttarakhand was carved out of Uttar Pradesh.

The MoP, Gol in its Order No. 42/7/2000 dated 05<sup>th</sup>November 2001 laid down the procedure for division of 'Assets & Liabilities" between UPJVNL & UJVNL, to which the Board of Directors of UPJVNL accorded their approval for the transfer of balances to UJVNL in its 70th Meeting dated 07<sup>th</sup>August 2003. The balances were transferred retrospectively dated 08<sup>th</sup>November 2001. UPJVNL transferred a provisionally GFA balance of INR 676.22 Cr to UJVNL. The transfer of balances to UJVNL has in effect altered the capital cost and cost structures devolved upon it by the First Transfer Scheme. The following shows the changes in the GFA values in context with the Uttarakhand Transfer Scheme





Table: Capital structure as per the Transfer schemes

(All figures in INR Cr)

Particulars	Capital Structure as per First Transfer Scheme	Capital Structure as per Uttarakhand Transfer Scheme
UP Plants	432.49	320.19
UT Plants	510.88	676.22
GFA Balance	943.38	996.42[1]

The above table depicts that the First Transfer Scheme had assigned a GFA value of INR 432.49 Cr to the hydro stations of Rihand, Obra. Matatila, Khara and UGC (pertaining to UP). However, the UPJVNL assigned a higher value at the time of transfer of balances to UJVNL to the hydro stations situated in Uttarakahnd, thereby assigning a GFA value of only INR 320.19 Cr as against the erstwhile value of INR 432.49 Cr for hydro stations of UP. The annual accounts of UPJVNL have been prepared considering the transfer of balances to UJVNL (where GFA transferred to UJVNL was INR 676.22 Cr). Finalization of asset and liabilities between UPJVNL and UJVN is still pending due to some disputes, which are refereed to GoI for final settlement.



<sup>[1]</sup>Includes opening balance as on 14th January 2000 of UP Laghu Jal Vidyut Nigam Limited. Capital additions in FY 2000 and excluding balance of INR 0.71 Cripertaining to Belka & Babail

### Installed Capacity of the Petitioner

Consequent to the Transfer Scheme, 2000 dated 14th January 2000 the total capacity transferred to and vested with UPJVNL was 1494.35 MW as shown in the table below:

Table: Running Hydro Power Stations as per Transfer Scheme, 2000

S.No.	Power Station Detail	Units (Nos)	Unit Capacity (in MW)	Total Capacity (in MW)
1	Rihand Power Station	6	50	300
2	Obra Hydel Power Station	3	33	99
3	Matatila Power Station	3	. 10.2	30.6
4	Khatima Power Station	3	13.8	41.4
5	Ramganga Power Station	3	66	198
6	Dhakrani Power Station	3	11.25	33.75
7	Dhalipur Power Station	3	17	51
8	Chibro Power Station	4	60	240
9	Kulhal Power Station	3	10	30
10	Chilla Power Station	4	36	144
11	Khodri Power Station	4	30	120
12	Maneri Bhali Stage I Power Station	3	30	90
13	Khara Power Station	3	24	72
Upper	Ganga Canal Power Stations			
14	Bhola Power Stations	4	0.375	1.5
• • •   	Dilota Corresponding	2	0.6	1.2
15	Paira Power Station*	3	0.2	0.6
16	Sumera Power Station*	2	0.6	1.2
17	Salwa Power Station	2	1.5	3

	Total	68		1494.35
21	Pathri Power Station	3	6.8	20.4
20	Mohammadpur Power Station	3	3 1	9,3
9	Nirgazini Power Station	2	2.5	5
8	Chitaura Power Station	2	1.5	3

<sup>\*</sup>these units were abandoned at the time of transfer

From the above table it is evident that Palra & Sumera Power Stations were already abandoned earlier to the date of transfer. Therefore, the actual Capacity transferred to UPJVNL was 1492.5 MW only.

On reorganisation of the State of UP and formation of Uttarakhand, assets, liabilities and control in respect of hydro generating stations located in Uttarakhand were vested in Uttarakhand Jal Vidyut Nigam Limited (UJVNL) with effect from 09th November 2001 the major portion of the installed hydro generation capacity & the hydro power potential are now located in Uttarakhand while Uttar Pradesh was left with an installed capacity of only 515.3 MW.

Government of India (GoI) vide its provisional order No. 42/7/2000–R&R dated 05<sup>th</sup> November 2001 issued directions for the sharing of assets and liabilities of the Petitioner between the Petitioner & Uttarakhand Jal Nigam Limited (UJVNL).

Pursuant to the notification all hydro power stations located in the state of Uttarakhand along with assets & liabilities were transferred to and vested with Uttarakhand Jal Nigam Limited (UJVNL). In compliance with the aforesaid order, the entire administrative and financial control over all hydro power plants in operation or under construction in Uttarakhand was vested with UJVNL. Accordingly, the details of Installed Capacity and the age of the generating stations retained with Petitioner are listed in table below:

Table: Running Hydro Power Stations vested with UPJVNL pursuant to Gol order dated 05<sup>th</sup> November2001

S. No	Hydro Power Station	Unit No.	Derated Capacity (in MW)	Date of Commercial Operational	Age of Plant as on 31st March 2019 (In Years)
		1	50	1962	57
		2	50	1962	57
		3	50	1962	57
1	1 Rihand Power Station	4	50	1962	57
		5	50	1962	57
		6	50	1966	53
			300	Average Age	56

S. No	Hydro Power Station	Unit No.	Derated Capacity (in MW)	Date of Commercial Operational	Age of Plant as on 31 <sup>st</sup> March 2019 (In Years)
			33	15-05-1970	49
	Obra Hydel Power	2	33	07-12-1970	48
2	Station	3	33	08-04-1971	48
		Sub- Total	99	Average Age	48
		1	10.2	26-02-1965	54
		2	10.2	02-06-1965	54
3	Matatila Power Station	3	10.2	03-09-1965	54
		Sub- Total	30.6	Average Age	54
		1	24	29-12-1992	26
		2	24	29-12-1992	26
4	Khara Power Station	3	24	29-12-1992	26
		Sub- Total	72	Average Age	26
Upper	Ganga Canal Power Statio	ns			
	5 Nirgazini Power Station	1	2.5	1937	82
5		2	2.5	1931	88
	_	Sub- Total	5	Average Age	85
		1	1.5	1938	81
6	Chitaura Power Station	2	1.5	1938	81
		Sub- Total	3	Average Age	81
		1	1.5	1937	82
7	Salawa Power Station	2	1.5	1937	82
		Sub- Total	3	Average Age	82
		1	0.375		90
		2	0.375		89
		3	0.375	Between 1929-	88
8	Bhola Power Stations	4	0.375	1935	87
		5	0.6		85
		6	0.6		84
		Sub- Total	2.7	Average Age	87
	Total		515.3	Average Age	65

In addition to the above, post the Uttarakhand Transfer Scheme, UPJVNL has commissioned the following hydro power stations, taking the total capacity to 524.9 MW:

ame of the Project	District	Year of Commissioning	Capacity (MW)
Belka	Saharanpur	2002-03	2 x 1.5
Babail	Saharanpur	2002-03	2 x 1.5
Sheetla	Jhansi	2006-07	3 x 1.2

### 1.4. R&M, Refurbishment & Up-rating Programme

Hon ble Commission has approved R&M of Rs. 136.27 Crore for Rihand HPS, Rs. 58.80 Crore for Obra HPS and Rs 10.36 Crore for Matatila as per below:

	2009-10	2010-11	2011-12	2012-13	2013-14	Reference
Rihand HPS	0.00	45.42	45.42	45.42	0.00	UPERC's order dated 20.10.2011 in petition 661/2010
Matatila HPS	0.00	0.00	0.00	10.36	0.00	UPERC's order dated 20.10.2011 in petition 661/2010

	2014-15	2015-16	2016-17	2017-18	2018-19	Reference
Obra HPS	-58.80	0.00	0.00	45.42	58.80	UPERC's order dated 03.07.2018 in petition 1109/2016

Petitioner is submitting here that the actual utilization of R&M expenditure for Rihand HPS, Obra HPS and Matatila HPS will be presented to Hon'ble Commission during the time of Truing-up.

### 1.5. Status of Petitions

The Uttar Pradesh Electricity Regulatory Commission notified the Uttar Pradesh Electricity Regulatory Commission (Terms and Conditions of Generation Tariff) Regulations, 2019 on 09th September 2019 being in-force for the Control period encompassing the financial years 2019-20 to 2023-24. Further, section 62 (1) of the of the Electricity Act, 2003 provides that the Appropriate Commission shall determine the tariff in accordance with the provisions of the Act, inter-alia, for supply of electricity by a generating company to a distribution licensee.

Section 2(1) of the UPERC Generation Regulations, 2019 provides the applicability of such regulations in all cases where tariff for a generating station or a unit thereof required to be determined by the Commission under Section 62 of the Act read with Section 86 thereof. Accordingly, the Petitioner in this petition has claimed the Tariff for it's power plant in line with the Multi Year Regulations approved by the Hon'ble Commission for the Control period encompassing the financial years 2019-20 to 2023-24.

The UPJVNL is submitting MYT petition for FY 2019-20 to FY 2023-24 without True-Up petition for FY 2009-10 and onwards before Hon'ble UPERC. This is so because Hon'ble UPERC vide order dated 28th August 2017 in Petition No. 1109/2016 has observed in para 7 along with para 8 that the transfer scheme of UPJVNL & UJVNL are in process of finalization and the GFA balances will undergo changes. Due to this True-Up petition for FY 2009-10 to 2013-14 are immature and the process of finalization of GFA should not delay the tariff determination process. The recite of para 7 and 8 is as follows:

- "7. ...However, the transfer scheme of UPJVNL & UJVNL is in process of finalization and the GFA balances are expected to undergo certain changes. Hence UPJVNL has requested the Hon'ble Commission to allow additional submissions for true-up in view of finalization of the transfer scheme.
- 8. The Hon'ble Commission has observed that the current True-Up petition for FY 2009-10 to 2013-14 are immature between UPJVNL & UJVNL. Also, the process of finalization of GFA should not delay the tariff determination process for the MYT period FY 2014-15 to 2018-19."

Petitioner is submitting that the transfer scheme between UPJVNL & UJVNL is still not finalized.

1.6 The petitioner submitted here that UPJVNL has started to "declared capacity" of its plant of capacity above 25 MW to Uttar Pradesh State Load Dispatch Centre as per 'UI implication and Scheduling' clause mentioned in "Procedures for scheduling, dispatch, energy accounting, UI accounting & settlement system of Open access transactions as per UPERC Order dated 12.9.2011 passed in Petition No. 659/2010". The Clause 28(b) of UPERC (Terms and Conditions of Generation Tariff) Regulations 2019 describes the procedure to calculate 'Capacity Charge'.

The petitioner stated that 'Capacity Charge' is mainly depended on 'Plant availability factor achieved during the month (PAFM)' which derives from "Declared Capacity" of plants to Nodal Load Dispatch Centre.

The petitioner further stated that schema of Rihand HPS (6 x 50 MW), Obra HPS (3 x 33 MW) & Matatila HPS (3 x 10.2 MW) is storage type Hydro Power Plants and completely depends upon monsoon. However, it's to be clarified that storage in case of Obra HPS is dead storage type, as the water level is restricted in order to facilitate water to Obra Thermal Power Station. Further the units of Pipri Hydro & Obra Hydro are operated in tandem in order to maintain level at Obra, thus leaving a very thin margin for operation of machines at Obra HPS. Khara HPS (3 x 24 MW) is run of river type Hydro Power Plant which is highly dependent on natural run-off. Spring melts will create a lot of energy while dry seasons will create relatively little energy. Moreover Rihand HPS & Obra HPS are regulated by Uttar Pradesh State Load Dispatch Centre (UPSLDC) as per the requirement while Matatila HPS is regulated according to the Irrigation requirement by Uttar Pradesh Irrigation & Water Resource Department. As a result, UPJVNL many times bound to confirm less "declared capacity" of its plants to UPSLDC although machines are available for generation.

Comparison of PAFM of Rihand HPS/ Obra HPS/Matatila HPS/ Khara HPS based on Declare Capacity vs Availability factor of a Hydro Power Plant are as below:

Table: Comparison of PAFM of Rihand HPS/ Obra HPS/Matatila HPS/ Khara HPS based on Declare Capacity vs Availability factor of a Hydro Power Plant

	PAFM of Rihand HPS based on (%)				
Period	Declare Capacity	Availability factor of a Hydro Power Plant			
2017-18	56.62%	58.58%			
2018-19	77.96%	80.96%			
2019-20	51.28%	60.12%			

	PAFM of Obra HPS based on (%)				
Period	Declare Capacity	Availability factor of a Hydro Power Plant			
2017-18	54.01%	62.91%			
2018-19	48.89%	76.92%			
2019-20	28.18%	84.04%			

	PAFM of Mata	atila HPS based on (%)
Period	Declare Capacity	Availability factor of a Hydro Power Plant
2017-18	51.88%	91.57%
2018-19	47.73%	87.63%
2019-20	28.99%	58.86%

	PAFM of Kha	ara HPS based on (%)
Period	Declare Capacity	Availability factor of a Hydro Power Plant
2017-18	44.21%	75.42%
2018-19	47.94%	68.86%
2019-20	62.99%	85.71%

The declaration of less "declared capacity" of its plant by UPJVNL to UPSLDC, even if machines are available for generation, will cause vast financial impact, as is evident from aforesaid statistical data.

The petitioner is humbly requesting to Hon'ble Commission to allow the UPJVNL to calculate PAFM based on "Availability factor of a Hydro Power Plant (in %)" instead of existing formula i.e. "Declare Capacity".

### 1.6. Brief of current filings

# 1.6.1. Filing petition based on Two-Part Tariff for those power houses whose installed capacity is more than 25 MW

The petitioner is submitting petition for determination of Annual Revenue requirement (ARR) and Multi-Year Tariff of Rihand HPS (3x50 MW), Obra HPS (3x33 MW), Matatila HPS (3x10.2 MW) & Khara HPS (3x24 MW) for FY 2019-20 to FY 2023-24 in accordance with UPERC (Terms and Condition of

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Generation Tariff), Regulation 2019 which provides norms for calculation of Two-Part tariff. Thus, petitioner has filed petition for *Monthly Capacity* and *Energy Charges* for Rihand HPS, Obra HPS, Matatila HPS and Khara HPS.

# 1.6.2. Filing petition based on Levelized Tariff for those power houses whose installed capacity is less than 25 MW

The petitioner is submitting petition for determination of Levelized tariff of Canal based Hydro Power Projects namely Upper Ganga Canal SHP consisting of Nirgazini, Chitaura, Salawa & Bhola Hydro Plants, Belka SHP (2 x 1.5 MW), Babail SHP (2 x 1.5 MW) and Sheetla SHP (3 x 1.2 MW) for FY 2019-20 to FY 2023-24 in accordance with UPERC (Captive and Renewable Energy Generation Plant), Regulation 2019.

The petitioner is further stated that the Hon'ble Commission has approved the capital cost of Upper Ganga Canal SHP, Belka and Babail SHP is as follows:

Name of Power Station	Agreed Capital Cost (in INR Cr)	Reference
UGC Small Hydro power plant	3.68	UPERC's order dated
Belka Small Hydro power plant	17.92	03.07.2018 in petition 1109/2016
Babail Small Hydro power plant	24.21	1100/2010

But petitioner would like to mention here that although Hon'ble Commission has decided the tariff of these Small Hydro power plants based on capital costs in their earlier Tariff Orders yet UPJVNL is not submitting the tariff petition as per old practice. This is so because Upper Ganga Canal SHP, Belka & Babail SHPs are canal based projects and these canals are regulated according to the Irrigation requirement by Uttar Pradesh Irrigation & Water Resource Department. Over the past few years, the flow and availability of water in these power channels of SHP has been reduced drastically due to constructions of strategic canal just before power channels of these SHPs which causes vast generation losses. And this is not good practice to claim completely ARR amount with less generation.

As per tariff regulations the annual capacity (fixed) charges consist of:

- a) Depreciation
- b) Interest on Loan Capital
- c) Return on Equity
- d) Operation and maintenance expenses including insurance and
- e) Interest on Working Capital

### 2.1. Gross Fixed Assets / Capital Cost

The UPERC Generation Regulations, 2019, specifies that the Capital Cost of the project as on 01<sup>st</sup> April 2019 shall be the capital cost admitted by the Hon'ble Commission up to FY 2018-19. Accordingly, in the instant petition, the Petitioner has considered the value of Gross Fixed Assets for the power plant as on 31<sup>st</sup> March 2019.

Further the Petitioner has considered additional capitalization during the control period due to others capitalize works as per the provisions of UPERC Generation Regulations, 2019The details of such capitalization have been shown in the specific formats annexed to this petition. The R&M/Refurbishment & Up-rating schemes will be presented to Hon'ble Commission during the time of Truing-up.

### 2.2. Depreciation

The UPERC Generation Regulations, 2019 provides that the depreciation shall be calculated for each year of the tariff period, on the value of Capital Cost of the assets admitted by the Commission. It further states that the depreciation shall be calculated on the historical cost of the asset and in case of the existing projects, the balance depreciable value as on 01st April 2019 shall be worked out by deducting the cumulative depreciation as admitted by the Commission up to31st March 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 the remaining life of the asset such that the maximum depreciation does not exceed 90%. Accordingly, the Petitioner has worked out the allowable depreciation for the control period from FY 2019-20 to FY 2023-24 on value of Gross Fixed Assets at the beginning of FY 2019-20 and thereafter considering the proposed additional capitalizations on account of R&M scheme, during the control period. The petitioner has claimed full year depreciation on the value of Gross Fixed Assets as on 1stApril 2019 and half yearly depreciation on the value of additions in the fixed assets during the year, being in line with the provisions of the UPERC Generation Regulations, 2019.

### 2.3. Interest on Loan Capital

Regulation 24(ii) of UPERC Generation Regulations, 2019 prescribes the provisions for calculation of normative interest on loans for the purpose of determination of Annual Revenue Requirement of the power project. The opening loan balance as on 1stApril 2019 has been considered equivalent to the closing loan balance for FY 2018-19. Thereafter the normative loan addition during the year has been

computed at 70% of the total additional capitalization proposed during the year, considering the normative debt; equity ratio of 70:30.

Further, the Petitioner has considered the repayment during the year equivalent to the normative depreciation for the year being in line with the methodology prescribed in the UPERC Generation Regulations, 2019.

The Petitioner would like to re-iterate that it intends to fund its R&M schemes by internal accruals. The Hon'ble Commission's Tariff Regulations 2019 stipulate that equity employed would be capped at 30% of the capital cost for the purpose of determination of tariff and the equity in excess of 30% would be eligible for normative debt. Accordingly capital cost towards R&M schemes has been assumed to be funded normatively at a Debt to Equity ratio of 70:30. For computation of interest charges on such normative debt, the Petitioner has considered the same interest rate as considered by the Hon'ble Commission in the previous Tariff Order dated 3<sup>rd</sup> July 2019. The plant wise details of the normative loan and interest are provided in the relevant forms prescribed by the Commission.

### 2.4. Return on Equity

Regulation 44(iii) of UPERC Generation Regulations, 2019 prescribes the provisions for calculation of return on equity for the purpose of determination of Annual Revenue Requirement of the power project. The opening equity balance as on 01st April 2019 has been considered equivalent to the closing equity balance for FY 2018-19. Thereafter the normative equity addition during the year has been computed at 30% of the total additional capitalization proposed during the year, considering the normative debt: equity ratio of 70:30.

The Return on Equity has been computed @ 15% as specified in the Regulation 24(iii) of UPERC (Terms and Conditions of Tariff) Regulations 2019 for the MYT period of FY 2019-20 to FY 2023-24.

### 2.5. Operation & Maintenance Expenses

Para 24 (iv) of UPERC (Terms & Conditions of Generation Tariff) Regulations 2019 deals with the allowance of O&M expenses. The Hon'ble Commission in the UPERC (Terms and Conditions of Generation Tariff) Regulations 2019 – Para 24 (iv)(e) have prescribed that the normative values of operation and maintenance expenses including insurance for FY 2019-20, shall be derived from values approved by the Commission for FY 2018-19 escalated by 4.47%. However, the Petitioner would like to submit that for the calculation of O&M from FY 2019-20 to FY 2023-24 in this petition, the escalation has been considered at 6.64% as prescribed in Tariff Regulation 2014.

### The reason for considering escalation as 6.64%:

The table below clearly depicts that employee benefit expenses have increased FY 2015-16 onwards because of the 7th Pay commission that was announced in year 2016. Since such salary expenses are uncontrollable i.e. beyond the control of the Petitioner, the Petitioner is of the opinion that such costs should be allowed in the tariff calculation.

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Table: Actual O&M expenses of UPJVNL - FY 2013-14 to FY 2017-18

(All figures in INR Cr)

Particulars	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18
Employee benefit expenses	38.51	37.31	38.87	44.38	49.58
Other expenses	50.75	44.40	69.68	92.25	95.36
Total	89.26	81.77	108.55	136.63	144.94

Therefore, the Petitioner, humbly requests the Hon'ble Commission to consider the request and allow the Petitioner to use 6.64% as the escalation rate in the O&M expenses for the MYT petition for FY 2019-20 to FY 2023-24 (in line with Tariff Regulations 2014).

### 2.6. Statutory Fees, Cess, duties and taxes

The Petitioner also seeks to recover the tariff filing fees to the Hon'ble Commission as separate pass through as in the past years. Also, it seeks the recovery of statutory liabilities, duties, cess and taxes as separate pass through.

### 2.7. Interest on Working Capital

The Petitioner has calculated the working capital requirement based on the normative parameters prescribed in Para 24 (v) of the UPERC (Terms and Conditions of Generation Tariff) Regulations, 2019. The rate of interest has been considered at 13.50%.

### Payment of GST on CISF Services

The power stations of the Petitioner are important assets of national interest which need to be manned and protected. The responsibility of such safety and security has been entrusted to premier defence organization CISF. CISF security has been deployed at three hydro power stations namely Rihand, Obra & Khara. Consequent upon replacement of "Commercial Concern" in definition of various taxable services by a "Person" through the changes made in the Finance Bill 2006, CISF services provided against consideration have been covered under the category of "Security Agency Service" as defined under Section 65(94) read with Section 65 (105) (w) of the Finance Act, 1994 for payment of Service Tax w.e.f. 01st May 2006 and currently as GST as amended thereof.

In this regard CISF and Ministry of Home Affairs had moved an application with Ministry of Finance for Exemption from Service tax on the security services provided by it.

After examination in consultation with Ministry of Finance, Department of Revenue, it was decided by Ministry of Home Affairs that Service Tax is payable by CISF w.e.f. from 01st April 2009.??

Service tax is to be paid by the service provider (CISF) who in turn would bill the service receiver (Petitioner in this case) for the service tax amount.

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The current tax rate is 18 00% and the annual impact of GST tax would be considerable. The Petitioner requests the Hon'ble Commission to allow recovery of such GST tax (additionally other than from O&M) as separate pass through as GST tax is a statutory liability.

### 2.8. Taxes on Income

The tariff regulations issued by the Commission provides that tax on the income streams of the generating company from its core business shall be computed as an expense and shall be permitted to be recovered. The income tax shall be recovered through the mechanism of tax escrow account.

### 2.9. Incentive

The Petitioner would be raising bills for recovery of incentive for which it is entitled to in terms of the Tariff regulations of the Commission for the control period of FY 2019-20 to FY 2023-24. Accordingly, for the same the Petitioner is not making any specific submission



### 3. ANNUAL REVENUE REQUIREMENT & MULTI-YEAR TARIFF PETITION

The following sections detail the Annual Revenue Requirement and Tariff Petition for the five-year control period of FY 2019-20 to FY 2023-24forthe following Hydro Power Stations:

- Obra HPS
- Khara HPS
- Upper Ganga Canal SHP's
- Belka SHP
- Babail SHP

### 3.1 Obra Hydro Power Plant

### 3.1.1 Gross Fixed Assets/ Capital Cost

The following table provides the snapshot of the year-wise breakup of addition capitalization along with the Gross Fixed Assets balances for each year of the MYT control period:

Table: Fixed Assets Summary- Obra HPS - FY 2019-20 to FY 2023-24

(All figures in INR Cr)

	EV 2040 20	FY 2020-21	EV 2024-22	FY 2022-23	EV 2023-24
Particulars	F1 2019-20	F1 2020-21	, i 2021-22	1,202	1,525
Opening GFA	77.59	77.59	77.59	77.59	78.17
Capitalization during the year	0.00	0.00	0.00	0.58	4.33
Closing GFA	77.59	77.59	77.59	78.17	82.50

### 3.1.2 Depreciation

The details of capital additions from FY 2014-15 to FY 2018-19 and the proposed additional capitalization for the MYT period have been provided in the table below:

## Table: Breakup of Actual Capital Additions from FY 2014-15 to FY 2018-19 & Proposed Additional Capitalization for the MYT Control Period for Obra HPS

(All figures in INR Cr)

Actual Add- Cap	/ 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
751	-	-	-	0.0	58.80
Proposed F Add-Cap	Y 2019-20	FY 2020-21	FY 2021-2 <b>2</b>	FY 2022-23	FY 2023-24
	0.00	0.00	0.00	0.58	4.33
		****			

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The depreciation for the purpose of determination of tariff has been calculated on the opening GFA values for each financial year. The deprecation on the capital additions has been provided starting from the year succeeding the year of capitalization at the rates specified in the Appendix 3 of UPERC (Terms and Conditions of Generation Tariff) Regulations 2019.

The rates of depreciation prescribed by the Hon'ble Commission in Appendix 3 of the Generation Tariff Regulations prescribe different depreciation rates for different assets. In such circumstances it would only be fit to consider station wise depreciation calculated at the weighted average rate.

The depreciation on capital additions worked out has been included in deprecation amount claimed for the financial year succeeding the year of capitalization, being in line with the methodology followed by the Hon'ble Commission.

The summary of deprecation calculation for the period of FY 2019-20 to FY 2023-24 is as follows:

Table: Depreciation Summary- Obra HPS - FY 2019-20 to FY 2023-24

(All figures in INR Cr)

	Particulars	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Openin	g Accrual Depreciation	20.14	24.54	29.21	33.88	38.6
Deprec	iation during the year	4.50	4.50	4.50	4.52	4.66
Closing	Accrual Depreciation	24.64	29.14	33.71	38.40	43.26

### 3.1.3 Interest on Loan Capital

A summary of the loan balances, drawls and repayments along with Interest cost is summarized in Table below:

Table: Summary of Interest on Loan for the Control Period for Obra HPS

(All figures in INR Cr)

	1997	•		
FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
39.43	34.93	30.43	25.93	21.82
0.00	0.00	0.00	0.41	3.03
4.50	4.50	4.50	4.52	4.66
34.93	30.43	25.93	21.82	20.19
37.18	32.68	28.18	23.87	21.00
4.55	4,00	3.45	2.92	2.57
	39.43 0.00 4.50 34.93 37.18	FY 2019-20     FY 2020-21       39.43     34.93       0.00     0.00       4.50     4.50       34.93     30.43       37.18     32.68	FY 2019-20         FY 2020-21         FY 2021-22           39.43         34.93         30.43           0.00         0.00         0.00           4.50         4.50         4.50           34.93         30.43         25.93           37.18         32.68         28.18	FY 2019-20         FY 2020-21         FY 2021-22         FY 2022-23           39.43         34.93         30.43         25.93           0.00         0.00         0.00         0.41           4.50         4.50         4.50         4.52           34.93         30.43         25.93         21.82           37.18         32.68         28.18         23.87



### 3.1.4 Return on Equity

A summary of the equity balances, additions along with return on equity claimed is summarized in Table below:

Table: Return on Equity for Obra HPS for the Control Period (FY 2019-20 to FY 2023-24)

(All figures in INR Cr)

Particulars	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Average Equity Base	23.28	23.28	23.28	23.36	24.10
Return on Equity @15%	3.49	3.49	3.49	3.50	3.61

### 3.1.5 Operating & Maintenance Expenses

Based on the commission approved escalation rate of 6.64% as per UPERC (Terms and Condition of Generation Tariff), Regulation 2014, the O&M expenses projected for Obra power station for the control period is as per table below:

Table: Projected O&M expense for the Control Period

(All figures in INR Cr)

		1			:
Particulars	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
<u></u>					
M&O	16.68	17.79	18.97	20.23	21.57

### 3.1.6 Interest on Working Capital

The computation of interest on working capital for the control period for kind consideration and approval of the Hon'ble Commission are as per table below:

Table: Projected Interest on Working Capital for the Control Period

(All figures in INR Cr)

Particulars	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-2
O & M Expenses	1.39	1.48	1.58	1.69	1.80
Maintenance Spares	2.50	2.67	2.85	3.03	3.24
Receivables	3.72	3.80	3.89	3.99	4.15
Total Working Capital	7.61	7.95	8.31	8.71	9.18
Rate of Interest	13.50%	13.50%	13.50%	13.50%	13.50%
Interest on Working Capital	1.03	1.07	1.12	1.18	1.24



# 3.1.7 Calculation of Tariff

The Petitioner has calculated the capacity charges for every month of the control period using parameters prescribed in Para 25 (vi)(a) of the UPERC (Terms and Conditions of Generation Tariff) Regulations, 2019. The same is summarized as table below:

Table: Calculation of per month Capacity Charge- Obra HPS - FY 2019-20 to FY 2023-24

(AFC and Capacity Charge in INR Cr, PAFM and NAPAF in %)

					rear 2019	25						
Particulars	Apr	May	qun	July	Aug	Sep	ö	Nov	Dec	Jan	Feb	Mar
Annual Fixed Charge	30.25	30.25	30.25	30.25	30.25	30.25	30.25	30.25	30.25	30.25	30.25	30.25
No of Days in month	30	31	30	33	31	30	ઝ	30	31	31	58	3
No of Days in year	366	366	366	366	366	366	366	366	366	366	366	366
PAFM	85%	85%	85%	85%	85%	85%	85%	85%	85%	85%	85%	85%
NAPAF	85%	85%	85%	85%	85%	85%	85%	85%	85%	85%	85%	85%
Capacity Charge	1.24	1.28	1.24	1.28	1.28	1.24	1.28	1.24	1.28	1.28	1.20	1.28

Particulars	Apr	May	Jun	July	Aug	Sep	ŏ		Dec	Jan	Feb	Mar
Annual Fixed Charge	30.86	30.86	30.86	30.86	30.86	30.86	30.86	30.86	30.86	30.86	30.86	30.86
No of Days in month	30	31	30	31	34	30	31	30	31	31	28	31
No of Days in year	365	365	365	365	365	365	365	365	365	365	365	365
PAFM	85%	85%	85%	85%	85%	85%	85%	85%	85%	85%	85%	85%
NAPAF	85%	85%	85%	85%	85%	85%	85%	85%	85%	85%	85%	85%
Capacity Charge	1.27	1.31	1.27	1.31	1.31	1.27	1.31	1.27	1.31	1.31	1.18	1.3

Particulars	Apr	May	Jun	July	Aug	Sep	Oct	۸o۸	Dec	Jan	Feb	Mar
Annual Fixed Charge	31,53	31.53	31.53	31.53	31.53	31.53	31.53	31.53	31.53	31.53	31.53	31.53
No of Days in month	30	31	30	31	31	30	31	30	31	31	28	31
No of Days in year	365	365	365	365	365	365	365	365	365	365	365	365
PAFM	85%	85%	85%	85%	85%	85%	85%	85%	85%	85%	85%	85%
NAPAF	85%	85%	85%	85%	85%	85%	85%	85%	85%	85%	85%	85%

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Capacity Charge	1.30	1.34	1.30	1.34	1.34	1.30	1.34	1.30	1.34	1.34	1.21	1.34
					ear 2022-	23						
Particulars	Anr		, unf	, VIDP	Aug	Sep	ö	Nov	Dec	Jan	Feb	Mar
Annual Eixed Charge	32.35	32.35	32.35	32.35	32.35	32.35	32.35	32.35	32.35	32.35	32.35	32.35
No of Dave in month	30	31	30	3,	3	30	31	30	3,	34	28	3
No of Dave in year	365	365	365	365	365	365	365	365	365	365	365	365
DAFM	85%	85%	85%	85%	85%	85%	85%	85%	85%	85%	85%	85%
NADATI	85%	85%	85%	85%	85%	85%	85%	85%	85%	85%	85%	85%
Canacity Charge	1.33	1.37	1.33	1.37	1.37	1.33	1.37	1.33	1.37	1.37	1.24	1.37

					Year 2023	-24						
Particulars	Apr	2	Jun	July	Aug	Sep	ŏ	Nov	Dec	Jan	Feb	Mar
Annual Fixed Charge	33.66	33.66	33.66	33.66	33.66	33.66	33.66	33.66	33.66	33.66	33.66	33.66
No of Days in month	30	31	30	31	31	30	31	30	31	31	58	31
No of Dave in year	366	366	366	366	366	366	366	366	366	366	366	366
DAEM	85%	85%	85%	85%	85%	85%	85%	85%	85%	85%	85%	85%
NAPAE	85%	85%	85%	85%	85%	85%	85%	85%	85%	85%	85%	85%
Capacity Charge	1.38	1.43	1.38	1.43	1.43	1.38	1.43	1.38	1.43	1.43	1.33	1.43

The Petitioner has calculated the energy charges for every month of the control period using parameters prescribed in Para 28 (vi) of the UPERC (Terms and Conditions of Generation Tariff) Regulations, 2019. The same is summarized as tables below:

Table: Calculation Energy Charge- Obra HPS - FY 2019-20 to FY 2023-24

Particulars	Units	2019-20	2020-21	2021-22	2022-23	2023-24
Annual Fixed Charge	INR Cr.	30.25	30.86	31.53	32.35	33.66
	MWhr	279	279	279	279	279
AUX	%	1.00%	1.00%	1.00%	1.00%	1.00%
FEHS	%	%00.0	%00.0	0.00%	%00.0	0.00%
Energy Charge Rate	INR/kwh	0.55	0.56	0.57	0.59	0.61

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Table: Calculation of per month Energy Charge- Obra HPS - FY 2019-20 to FY 2023-24

				λ,	ear 2019-	20							
Particulars	Units	Apr	May	Jun	July	Aug	Sep	ö	Nov	Dec	Jan	Feb	Mar
Energy Charge rate	INR/kWh	0.548	0.548	0.548	0.548	0.548	0.548	0.548	0.548	0.548	0.548	0.548	0.548
Scheduled Energy	MUS	22.62	23.38	22.62	23.38	23.38	22.62	23.38	22.62	23.38	23.38	21.87	23.38
FEHS	%	%0	%0	%0	%0	%0	%0	%0	%0	%0	%0	%	%0
Energy Charge	INR Cr	1.24	1.28	1.24	1.28	1.28	1.24	1.28	1.24	1.28	1.28	1.20	1.28
	İ												
				χ	ear 2020-	21							
Particulars	Unit	Apr	May	Jun	July	Aug	Sep	ö	Nov	Dec	Jan	Feb	Mar
Energy Charge rate	NR/KWh	0.559	0.559	0.559	0.559	0.559	0.559	0.559	0.559	0.559	0.559	0.559	0.559
Scheduled Energy	MUs	22.62	23.38	22.62	23.38	23.38	22.62	23.38	22.62	23.38	23.38	21.87	23.38
FEHS	%	%0	%0	%0	%0	%0	%0	%0	%0	%0	%0	%0	%
Energy Charge	INR Cr	1.26	1.31	1.26	1.31	1.31	1.26	1.31	1.26	1.31	1.31	1.22	1.31
				*	ear 2021	22							
Particulars	Unit	Apr	Мау	hun	July	Aug	Sep	ö	Nov	Dec	Jan	Feb	Mar
Energy Charge rate	<b>INR/kWh</b>	0.571	0.571	0.571	0.571	0.571	0.571	0.571	0.571	0.571	0.571	0.571	0.571
Scheduled Energy	MUs	22.62	23.38	22.62	23.38	23.38	22.62	23.38	22.62	23.38	23.38	21.87	23.38
SHILE	%	%0	%0	%0	%0	%0	%0	%0	%0	%0	%0	%0	%
Energy Charge	INR Cr	1.29	1.33	1.29	1.33	1.33	1.29	1.33	1.29	1.33	1.33	1.25	1.33
										:			<u>-</u>
				<b>&gt;</b>	ear 2022	23							
Particulars	Crit	Apr	May	Jun	July	Aug	Sep	ö	Nov	Dec	Jan	Feb	Mar
Energy Charge rate	INR/kWh	0.586	0.586	0.586	0.586	0.586	0.586	0.586	0.586	0.586	0.586	0.586	0.586
Scheduled Energy	MUs	22.62	23.38	22.62	23.38	23.38	22.62	23.38	22.62	23.38	23.38	21.87	23.38
FEHS	%	%0	%0	%0	%0	%0	%0	%0	%0	%0	%0	%	%0
Energy Charge	INR Cr	1.32	1.37	1.32	1.37	1.37	1.32	1.37	1.32	1.37	1.37	1.28	1.37
				>	2000								
	**************************************			- : <u>!</u>	משו בטבט היוי		r V	č	} 	٦٩٦	<u> </u>	Feb	Z
Parliculars –		<b>5</b> 6	o Coo		<b>y</b> 00.00	ה הל ל	9 0	0000	0090	n Ana	0.609	0.609	0.80
∈nergy Charge rate	INR/KWh	609.0	0.609	0.609	0.00	0.009	0.009	00.00	600.0	0.009	0.000	0.00 0.00 0.00	22.22
Scheduled Energy	MUs	75.62	23.36	79.77	23.38	25.58	70.77	23.50	70.77	23.30	20.00	70.17	45.50

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1.33 1.42	1.42	1.42	1.38	1.42	1.38	1.42	1.42	1.38	1.42	1.38	INR C	Fueray Charge
%0 %0	%	%0 %0	%0	%0	%0	%0	%0	%0	%0	%0	%	FEHS

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### 3.2 Khara Hydro Power Plant

### 3.2.1 Gross Fixed Assets/ Capital Cost

The following table provides the snapshot of the year-wise breakup of addition capitalization along with the Gross Fixed Assets balances for each year of the MYT control period:

Table: Fixed Assets Summary- Khara HPS - FY 2019-20 to FY 2023-24

(All figures in INR Cr)

Particulars	FY 2019-20	FÝ 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Opening GFA	245.27	246.91	271.07	271.07	279.37
Capitalization during the year	1.64	24.16	0.00	8.30	3.91
Closing GFA	246.91	271.07	271.07	279.37	283.28

The petitioner is stated here that much litigation is pending against Khara HPS and out of which some pending court/arbitration cases have been settled now in recent year. The petitioner is claiming such amount in ARR as per the disposal order date. If disposal order date is doesn't belong to FY 2019-20 to 2023-24, it's simply taken in FY 2019-20 which will be corrected at the time of truing-up.

The details of additional capitalization that has been added in the FY 2019-20 as a result of settlement of pending court/arbitration cases have been listed below:

Table: Additional Capitalization related to court/arbitration cases

Order of Court	Court Case disposed off	Amount (in INR-Cr)	Booked in Financial Year
Order dated 10.08.2004	03/SE/82-83	0.2098851	2019-20
Order dated 25.01.2019	02/SE/80-81	0.7565945	2019-20
Order dated 23.10.2017	01/SE/82-83	0.6858498	2019-20
Order dated 11.10.2017	03/SE/87-88	4.6237189	2019-20
Order dated	05/SE/80-81	0.5574708	2019-20



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17.12.2018			
Order dated 19.08.2014	Writ Petition 1244/2006	1.9673877	2020-21

### 3.2.2 Depreciation

The details of capital additions from FY 2014-15 to FY 2018-19 and the proposed additional capitalization for the MYT period has been provided in the table below:

Table: Breakup of Actual Capital Additions from FY 2014-15 to FY 2018-19 & Proposed Additional Capitalization for the MYT Control Period for Khara HPS

(All figures in INR Cr)

Actual FY	2014-15 F	Y 2015-16	FY 2016-17	FY 2017-18	FY 2018-19.
	-	-	0.0	0.0	-
Proposed FY	2019-20 F	Y 2020-21	FY/2021-22	FY 2022-23	FY 2023-24
Recognition and graph with the pr	1.64	24.16	0.00	8.30	3.91

The depreciation for the purpose of determination of tariff has been calculated on the opening GFA values for each financial year. The deprecation on the capital additions has been provided starting from the year succeeding the year of capitalization at the rates specified in the Appendix 3 of UPERC (Terms and Conditions of Generation Tariff) Regulations 2019.

The rates of depreciation prescribed by the Hon'ble Commission in Appendix 3 of the Generation Tariff Regulations prescribe different depreciation rates for different assets. In such circumstances it would only be fit to consider station wise depreciation calculated at the rates prescribed in Appendix 3 for different asset classes and not at the weighted average rate.

In the above table, the rates of depreciation have been considered as per the rates prescribed by the Hon'ble Commission in Appendix 3 of the Generation Tariff Regulations, 2019, which prescribe different depreciation rates for different class of assets. The depreciation on capital additions worked out has been included in deprecation amount claimed for the financial year succeeding the year of capitalization, being in line with the methodology followed by the Hon'ble Commission.

Since the plant will achieve more than 70% of its depreciable value at the end of FY 2022-23, the actual depreciation to be considered for ARR calculation will be as follows:

Table: Depreciation Summary- Khara HPS - FY 2019-20 to FY 2023-24



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(All figures in INR Cr)

Particulars	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Opening Accrual Depreciation	153.76	168.52	184.39	200.77	217.33
Depreciation during the year	14.03	14.46	14.86	8.70	9.37
Closing Accrual Depreciation	167.79	182.98	199.25	209.47	226.70

### 3.2.3 Interest on Loan Capital

 $\mathcal{L}_{i}^{r}$ 

A summary of the loan balances, drawls and repayments along with Interest cost is summarized in Table below:

Table: Summary of Interest on Loan for the Control Period for Khara HPS

(All figures in INR Cr)

Particulars	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Opening Balance	17.92	5.04	7.49	0.00	0.00
Additions	1.15	16.91	0.00	5.81	2.74
Repayments	14.03	14.46	7.49	5.81	2.74
Closing Balance	5.04	7.49	0.00	0.00	0.00
Average Net Loan	11.48	6.26	3.75	0.00	0.00
Interest on Loan	1.41	0.77	0.46	0.00	0.00

### 3.2.4 Return on Equity

A summary of the equity balances, additions along with return on equity claimed is summarized in Table below:

Table: Return on Equity for Khara HPS for the Control Period (FY 2019-20 to FY 2023-24)

(All figures in Rs Cr.)

. Particulars		FY 2020-21		FY 2022-23	FY 2023-24
Average Equity Base	73.83	77.70	81.32	82.57	84.40
Return on Equity @15%	11.07	11.65	12.20	12.38	12.66

### 3.2.5 Operating & Maintenance Expenses

Based on the commission approved escalation rate of 6.64% as per UPERC (Terms and Condition of Generation Tariff), Regulation 2014, the O&M expenses projected for Khara power station for the control period is as per table below:

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### Table: Projected O&M expense for the Control Period

(All figures in INR Cr)

Particulars	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
O&M	11.05	11.78	12.56	13.40	14.29

### 3.2.6 Interest on Working Capital

The computation of interest on working capital for the control period for kind consideration and approval of the Hon'ble Commission are as per table below:

Table: Projected Interest on Working Capital for the Control Period

(All figures in INR Cr)

	TV 2040-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Particulars	F1,2019-20	F1 2020-21	F 1 2021-22		
O & M Expenses	0.92	0.98	1.05	1.12	1.19
Maintenance Spares	1.66	1.77	1.88	2.01	2.14
Receivables	4.74	4.89	5.08	4.38	4.60
Total Working Capital	7.32	7.64	8.01	7.50	7.93
Rate of Interest	13.50%	13.50%	13.50%	13.50%	13.50%
Interest on Working Capital	0.99	1.03	1.08	1.01	1.07

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# 3.2.7 Calculation of Tariff

The Petitioner has calculated the capacity charges for every month of the control period using parameters prescribed in Para 25 (vi)(a) of the UPERC (Terms and Conditions of Generation Tariff) Regulations, 2019. The same is summarized as table below:

Table: Calculation of per month Capacity Charge- Khara HPS - FY 2019-20 to FY 2023-24

(AFC and Capacity Charge in INR Cr, PAFM and NAPAF in %)

Particulars	Apr	May	E E	July	Aug	ceb	5	20	Dec	292	בה	
Annual Fixed Charge	38.54	38.54	38.54	38.54	38.54	38.54	38.54	38.54	38.54	38.54	38.54	
No of Davs in month	30	31	30	31	31	30	31	30	31	33	29	
No of Days in year	366	366	366	366	366	366	366	366	366	366	366	
•	85%	85%	85%	85%	85%	85%	85%	85%	85%	85%	85%	
NAPAF.	85%	85%	85%	85%	85%	85%	85%	85%	85%	85%	85%	
Sapacity Charge	1.58	1.63	1.58	1.63	1.63	1.58	1.63	1.58	1.63	1.63	1.53	

Particulars	Apr	May	Jun	July	Aug	Sep	ö	Nov	Dec	Jan	Feb	Mar
Annual Fixed Charge	39.70	39.70	39.70	39.70	39.70	39.70	39.70	39.70	39.70	39.70	39.70	39.70
No of Davs in month	30	31	33	3,	31	30	31	30	31	31	28	31
No of Days in year	365	365	365	365	365	365	365	365	365	365	365	365
PAFM	85%	85%	%58	85%	85%	85%	85%	85%	85%	85%	85%	85%
HAGAN	85%	85%	85%	85%	85%	85%	85%	85%	85%	85%	85%	85%
Capacity Charge	1.63	1.69	1.63	1.69	1.69	1.63	1.69	1.63	1.69	1.69	1.52	1.69

Particulars	Арг	May	Jun	July	Aug	Sep	ŏ	Nov	Dec	Jan	Feb	Mar
Annual Fixed Charge	41.17	41.17	41.17	41.17	41.17	41.17	41.17	41.17	41.17	41.17	41.17	41.17
No of Days in month	30	31	30	93	쯦	93	31	30	31	ლ	78	31
No of Days in year	365	365	365	365	365	365	365	365	365	365	365	365
PAFM	85%	85%	85%	85%	85%	85%	85%	85%	85%	85%	85%	85%
NAPAF	85%	85%	85%	85%	85%	85%	85%	85%	85%	85%	85%	85%

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Capacity Charge	1.69	1.75	1.69	1.75	1.75	1.69	1.75	1.69	1.75	1.75	1.58	1.75
				Year .	2022-23							
Particulars	Apr	May	Jun	July	Aug	Sep	ö	Nov	Dec	Jan	Feb	Mar
Annual Fixed Charge	35,50	35.50	35.50	35.50	35.50	35.50	35.50	35.50	35.50	35.50	35.50	35.50
No of Days in month	30	31	30	31	31	30	31	30	31	31	28	31
No of Days in year	365	365	365	365	365	365	365	365	365	365	365	365
PAFM	85%	85%	85%	85%	85%	85%	85%	85%	85%	85%	%58	85%
NAPAF	85%	85%	85%	85%	85%	85%	85%	85%	85%	85%	85%	85%
Capacity Charge 1.46	1.46	1.51	1.46	1.51	1.51	1.46	1.51	1.46	1.51	1.51	1.36	1.51

Particulars	Apr	May	Jun	July	Aug	Sep	ö	No.	o Dec	Jan	Feb	Mar
Annual Fixed Charge	37,38	37.38	37.38	37.38	37.38	37.38	37.38	37.38	37.38	37.38	37.38	37.38
No of Days in month	30	<u>ა</u>	30	31	33	30	31	8	31	31	59	31
No of Days in year	366	366	366	366	366	366	366	366	366	366	366	366
PAFM	85%	85%	85%	85%	85%	85%	85%	85%	85%	85%	85%	85%
NAPAF	85%	85%	85%	85%	85%	85%	85%	85%	85%	85%	85%	85%
Capacity Charge	1.53	1.58	1.53	1.58	1.58	1.53	1.58	1.53	1.58	1.58	1.48	1.58

The Petitioner has calculated the energy charges for every month of the control period using parameters prescribed in Para 28 (vi) of the UPERC (Terms and Conditions of Generation Tariff) Regulations, 2019. The same is summarized as tables below:

Table: Calculation Energy Charge- Khara HPS - FY 2019-20 to FY 2023-24

Annual Fixed Charge         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21 </th <th></th> <th></th> <th></th> <th></th> <th>20</th> <th>2019-20</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>					20	2019-20							
3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21         3.21 <th< th=""><th>Particulars</th><th>Apr</th><th>May</th><th>Jun</th><th>չ Vin</th><th>Aug</th><th>Sep</th><th>Oct</th><th>Nov</th><th>Dec</th><th>Jan</th><th>Feb</th><th>Mar</th></th<>	Particulars	Apr	May	Jun	չ Vin	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
31.5632.6131.5632.6131.5632.6131.5632.6132.6132.6132.6130.511.00%1.00%1.00%1.00%1.00%1.00%1.00%1.00%1.00%1.00%1.00%0.00%0.00%0.00%0.00%0.00%0.00%0.00%0.00%0.00%0.00%0.5140.4970.5140.4970.5140.4970.5140.5970.532	Annual Fixed Charge	3.21	3.21	3.21	3.21	3.21	3.21	3.21	3.21	3.21	3.21	3.21	3.21
1.00%         1.00%         1.00%         1.00%         1.00%         1.00%         1.00%         1.00%         1.00%         1.00%         1.00%         1.00%         1.00%         1.00%         1.00%         1.00%         1.00%         1.00%         1.00%         1.00%         1.00%         1.00%         1.00%         1.00%         1.00%         1.00%         1.00%         1.00%         1.00%         1.00%         1.00%         1.00%         1.00%         1.00%         1.00%         1.00%         1.00%         1.00%         1.00%         1.00%         1.00%         1.00%         1.00%         1.00%         1.00%         1.00%         1.00%         1.00%         1.00%         1.00%         1.00%         1.00%         1.00%         1.00%         1.00%         1.00%         1.00%         1.00%         1.00%         1.00%         1.00%         1.00%         1.00%         1.00%         1.00%         1.00%         1.00%         1.00%         1.00%         1.00%         1.00%         1.00%         1.00%         1.00%         1.00%         1.00%         1.00%         1.00%         1.00%         1.00%         1.00%         1.00%         1.00%         1.00%         1.00%         1.00%         1.00%         1.00% <th< th=""><th>DE</th><th>31.56</th><th>32.61</th><th>31.56</th><th>32.61</th><th>32.61</th><th>31.56</th><th>32.61</th><th>31.56</th><th>32.61</th><th>32.61</th><th></th><th>32.61</th></th<>	DE	31.56	32.61	31.56	32.61	32.61	31.56	32.61	31.56	32.61	32.61		32.61
0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00% <th< th=""><th>AUX</th><th>1.00%</th><th>1.00%</th><th>1.00%</th><th>1.00%</th><th>1.00%</th><th>1.00%</th><th>1.00%</th><th>1.00%</th><th>1.00%</th><th>1.00%</th><th></th><th>1.00%</th></th<>	AUX	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%		1.00%
0.514 0.497 0.514 0.497 0.497 0.514 0.497 0.514 0.497 0.497 0.532	FEHS	%00.0	0.00%	%00'0	%00'0	%00.0	0.00%	0.00%	%00.0	0.00%	%00.0	0.00%	%00.0
	Energy Charge Rate	0.514	0.497	0.514	0.497	0.497	0.514	0.497	0.514	0.497	0.497	0.532	0.497

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Particulars	Apr	May	Jun	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
Annual Fixed Charge	3.31	3.31	3.31	3.34	3.31	3.31	3.31	3.31	3.31	3.31	3.31	3.31
DE	31.64	32.7	31.64	32.7	32.7	31.64	32.7	31.64	32.7	32.7	29.53	32.7
AUX	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%		1.00%	1.00%	1.00%	1.00%	1.00%
FEHS	%00.0	%00.0	0.00%	%00:0	%00'0	%00'0		%00.0	%00.0	%00.0	%00'0	%00.0
Energy Charge Rate	0.528	0.511	0.528	0.511	0.511	0.528	0.511	0.528	0.511	0.511	0.566	0.511

Annual Fixed Charge         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31 </th <th></th> <th></th> <th></th> <th></th> <th>20</th> <th>21-22</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>					20	21-22							
3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31         3.31 <th< th=""><th>Particulars</th><th>Apr</th><th>May</th><th>Jun</th><th>July</th><th>Aug</th><th>Sep</th><th>Oct</th><th>Nov</th><th>Dec</th><th>Jan</th><th>Feb</th><th>Mar</th></th<>	Particulars	Apr	May	Jun	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
31.64       32.7       31.64       32.7       31.64       32.7       31.64       32.7       31.64       32.7       31.64       32.7       32.7       32.7         1.00%       1.00%       1.00%       1.00%       1.00%       1.00%       1.00%       1.00%       1.00%       1.00%       1.00%       1.00%       1.00%       1.00%       1.00%       1.00%       1.00%       1.00%       1.00%       1.00%       1.00%       1.00%       1.00%       1.00%       1.00%       1.00%       1.00%       1.00%       1.00%       1.00%       1.00%       1.00%       1.00%       1.00%       1.00%       1.00%       1.00%       1.00%       1.00%       1.00%       1.00%       1.00%       1.00%       1.00%       1.00%       1.00%       1.00%       1.00%       1.00%       1.00%       1.00%       1.00%       1.00%       1.00%       1.00%       1.00%       1.00%       1.00%       1.00%       1.00%       1.00%       1.00%       1.00%       1.00%       1.00%       1.00%       1.00%       1.00%       1.00%       1.00%       1.00%       1.00%       1.00%       1.00%       1.00%       1.00%       1.00%       1.00%       1.00%       1.00%       1.00%       1.00% <th>Annual Fixed Charge</th> <td>3.31</td>	Annual Fixed Charge	3.31	3.31	3.31	3.31	3.31	3.31	3.31	3.31	3.31	3.31	3.31	3.31
1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%     1.00%	DE	31.64	32.7	31.64	32.7	32.7	31.64	32.7	31.64	32.7	32.7	29.53	32.7
0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00% <th< th=""><th>AUX</th><td>1.00%</td><td>1.00%</td><td>1.00%</td><td>1.00%</td><td>1.00%</td><td>1.00%</td><td>1.00%</td><td>1.00%</td><td>1.00%</td><td>1.00%</td><td>1.00%</td><td>1.00%</td></th<>	AUX	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
0.528 0.511 0.528 0.511 0.511 0.528 0.511 0.528 0.511 0.511	FEHS	%00.0	%00.0	0.00%	%00.0	%00.0	%00'0	%00:0	%00.0	0.00%	0.00%	%00.0	0.00%
	Energy Charge Rate	0.528	0.511	0.528	0.511	0.511	0.528	0.511	0.528	0.511	0.511	995.0	0.511

				20	2022-23							
	Apr	May	Jun	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
Annual Fixed Charge	2.96	2.96	2.96	2.96	2.96	2.96	2.96	2.96	2.36	2.96	2.96	2.96
DE	31.64	32.7	31.64	32.7	32.7	31.64	32.7	31.64	32.7	32.7	29.53	32.7
AUX	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
FEHS	0.00%	0.00%	0.00%	0.00%	%00.0	%00.0	0.00%	0.00%	%00.0	0.00%	%00.0	%00'0
Energy Charge Rate	0.472	0.457	0.472	0.457	0.457	0.472	0.457	0.472	0.457	0.457	0.506	0.457

				20	23-24			11 (A)				
Particulars	Apr	May	Jun	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
Annual Fixed Charge	3.12	3.12	3.12	3.12	3.12	3.12	3.12	3.12	3.12	3.12	3.12	3.12
DE	31.56	32.7	31.64	32.7	32.7	31.64	32.7	31.64	32.7	32.7	30.59	32.7
AUX	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%

MYT Petition for Determination of Tariff for the control period FY 2019-20 to FY 2023-24

- %00.0 - 0.00%	%00.0	0.00%	0.00%	0.00%	%00.0	%00.0	%00.0	%00.0	0.00%	%00.0	0.00%
ergy Charge Rate 0.499	0.481	0.497	0.481	0.481	0.497	0.481	0.497	0.481	0.481	0.514	0.481

Table: Calculation of per month Energy Charge- Khara HPS - FY 2019-20 to FY 2023-24

Particulars	Unit	Apr	Мау	Jun	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
Energy Charge rate	INR/kWh	0.514	0.497	0.514	0.497	0.497	0.514	0.497	0.514	0.497	0.497	0.532	0.497
Scheduled Energy	MUs	31.07	32.1	31.07	32.1	32.1	31.07	32.1	31.07	32.1	32.1	30.03	32.1
FEHS	%	%0	%0	%0	%0	%0	%0	%0	%0	%0	%0	%0	%0
Energy Charge	INRC	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60

Particulars	Unit	Apr	May	Jun	July	Aug	Sep	oct 0	Nov	Dec	Jan	Feb	Mar
Energy Charge rate	INR/kWh	0.528	0.511	0.528	0.511	0.511	0.528	0.511	0.528	0.511	0.511	0.566	0.511
Scheduled Energy	MUs	31.15	32.19	31.15	32.19	32.19	31.15	32.19	31.15	32.19	32.19	29.07	32.19
FEHS	%	%0	%0	%0	%0	%0	%0	%0	%0	%0	%0	%0	%0
Energy Charge	INR C	1.64	1.64	1.64	1.64	1.64	1.64	1.64	1.64	1.64	1.64	1.64	1.64

Particulars	Unit	Apr	May	un P	July	Aug	Sep	oct O	No.	Dec	Jan	Feb	Mar
Energy Charge rate	INR/kWh	0.548	0.530	0.548	0.530	0.530	0.548	0.530	0.548	0.530	0.530	0.587	0.530
Scheduled Energy	MUs	31.15	32.19	31.15	32.19	32.19	31.15	32.19	31.15	32.19	32.19	29.07	32.19
FEHS	%	%0	%0	%0	%0	%0	%0	%0	%0	%0	%0	%0	%0
Energy Charge	INR Cr	1.71	1.71	1.71	1.71	1.71	1.71	1.71	1.71	1.71	1.71	1.71	1.71

Particulars	Unit	Apr	May	Jun	July	Aug	Sep	ö	Nov	Dec	Jan	Feb	Mar
Energy Charge rate	INR/kWh	0.472	0.457	0.472	0.457	0.457	0.472	0.457	0.472	0.457	0.457	0.506	0.457
Scheduled Energy	MUs	31.15	32.19	31.15	32.19	32.19	31.15	32.19	31.15	32.19	32.19	29.07	32.19
FEHS	%	%0	%0	%0	%0	%0	%0	%0	%0	<b>%</b> 0	%0	%0	%0
Energy Charge	INR Cr	1.47	1.47	1.47	1.47	1.47	1.47	1.47	1.47	1.47	1.47	1.47	1.47

MYT Petition for Determination of Tariff for the control period FY 2019-20 to FY 2023-24

Particulars Unit Ar	n Chit	Apr	Ma√	пŊ	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
Energy Charge rate	INR/kwh		0.481	0.497	0.481	0.481	0.497	0.481	0.497	0.481	0.481	C.514	0.481
Scheduled Energy	s∩W :	31.07	32.19	31.15	32.19	32.19	31.15	32.19	31.15	32.19	32.19	30,11	32.19
STEELS	%	%0	%0	%0	%0	%0	%0	%0	%0	%0	%0	%0	%0
Energy Charge	INRC	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55

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### 3.3 Upper Ganga Canal (UGC) Small Hydro Power Project

### 3.5.1 Gross Fixed Assets/ Capital Cost

The following table provides the snapshot of the year-wise breakup of addition capitalization along with the Gross Fixed Assets balances for each year of the MYT control period:

Table: Fixed Assets Summary- UGC HPS - FY 2019-20 to FY 2023-24

(All figures in INR Cr)

Particulars	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Opening GFA	3.68	3.68	3.68	3.68	3.68
Capitalization during the year	-			-	-
Closing GFA	3.68	3.68	3.68	3.68	3.68

### 3.5.2 Depreciation

Since the plant will achieve more than 70% of its depreciable value in the last control period, the depreciation to be considered for ARR calculation will be as follows:

Table: Depreciation Summary- UGC HPS - FY 2019-20 to FY 2023-24

(All figures in INR Cr)

Particulars I	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Opening Accrual Depreciation	2.81	2.87	2.93	2.99	3.05
Depreciation during the year	0.06	0.06	0.06	0.06	0.06
Closing Accrual Depreciation	2.87	2.93	2.99	3.05	3.11

### 3.5.3 Interest on Loan Capital

A summary of the loan balances, drawls and repayments along with Interest cost is summarized in Table below:

Table: Summary of Interest on Loan for the Control Period for UGC HPS

(All figures in INR Cr)

Particulars 1	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Opening Balance	0.33	0.27	0.21	0.15	0.12
Additions	0	0	0	0	0
Repayments	0.06	0.06	0.06	0.03	0
Closing Balance	0.27	0.21	0.15	0.12	0.12





Particulars	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Average Net Loan	0.30	0.24	0.18	0.14	0.12
Interest on Loan	0.04	0.03	0.02	0.02	0.01

#### 3.5.4 Return on Equity

A summary of the equity balances, additions along with return on equity claimed is summarized in Table below:

Table: Return on Equity for UGC HPS for the Control Period (FY 2019-20 to FY 2023-24)

(All figures in INR Cr)

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Particulars	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Average Equity Base	1.10	1.10	1.10	1.10	1.10
Return on Equity @15%	0.17	0.17	0.17	0.17	0.17

#### 3.5.5 Operating & Maintenance Expenses

Based on the commission approved escalation rate of 6.64% as per UPERC (Terms and Condition of Generation Tariff), Regulation 2014, the O&M expenses projected for UGC power station for the control period is as per table below:

Table: Projected O&M expense for the Control Period

(All figures in INR Cr)

O&M	8.73	9.12	9.53	9.96	10.40
Particulars	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
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#### 3.5.6 Interest on Working Capital

The computation of interest on working capital for the control period for kind consideration and approval of the Hon'ble Commission are as per table below:

Table: Projected Interest on Working Capital for the Control Period

(All figures in INR Cr)



Particulars	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
O & M Expenses	0.73	0.76	0.79	0.83	0.87
Maintenance Spares	1.31	1.37	1.43	1.49	1.56
Receivables	1.16	1.21	1.26	1.32	1.37
Total Working Capital	3.20	3.34	3.49	3.64	3.80
Rate of Interest	13.50%	13.50%	13.50%	13.50%	13.50%
Interest on Working Capital	0.43	0.45	0.47	0.49	0.51

#### Calculation of Tariff

As per CERC Terms and Condition for Tariff Determination from Renewable Energy Resources, Regulation 2017, small hydro power plants (<25 MW) can file petition for levelized tariff for the control period considering the discount factor of 9.15%. Thus, the following table describes the tariff that the petitioner requests the commission to approve:

Table: Calculation of Levelized tariff for the Control Period

Units Generation	Unit	1 <b>11</b> 11.	·.· 2	3	4	5
Installed Capacity	MW	13.7	13.7	13.7	13.7	13.7
Net generation	MU	32.32	32.32	32.32	32.32	32.32
				and the second of		
Tariff Component			er egyet in			
O&M	INR Cr	8.73	9.12	9.53	9.96	10.40
Depreciation	INR Cr	0.06	0.06	0.06	0.06	0.06
Interest on WC	INR Cr	0.43	0.45	0.47	0.49	0.51
Interest on Loan	INR Cr	0.04	0.03	0.02	0.02	0.01
ROE	INR Cr	0.17	0.17	0.17	0.17	0.17
Total Fixed Cost	INR Cr	9.43	9.83	10.25	10.69	11.16
Per Unit Tariff Component	s			· .		
PU O&M	INR/kWh	2.70	2.82	2.95	3.08	3.22
PU Depreciation	INR/kWh	0.02	0.02	0.02	0.02	0.02
PU Interest on WC	INR/kWh	0.13	0.14	0.15	0.15	0.16
PU Interest on Loan	INR/kWh	0.01	0.01	0.01	0.01	0.00
PU ROE	INR/kWh	0.05	0.05	0.05	0.05	0.05
PU Tariff Components	INR/kWh	2.92	3.04	3.17	3.31	3.45
					Artiful St.	
Levalised Tariff		4.000	0.040		0.700	0.705
Discount Factor		1.000	0.916	0.839	0.769	0.705
Discounted Tariff	INTERNATION	0.00	0.70	2.66	2.54	2.42
Component	INR/kWh	2.92	2.79	2.66	2.54	2.43
Levelized Tariff	INR/kWh	3.15				

Thus, Petitioner requests commission to approve a levelized tariff of INR 3.15/kWh for the control period FY 2019-20 to FY 2023-24



#### 3.4 Belka Small Hydro Power Plant

#### 3.6.1 Gross Fixed Assets/ Capital Cost

The following table provides the snapshot of the year-wise breakup of addition capitalization along with the Gross Fixed Assets balances for each year of the MYT control period:

Table: Fixed Assets Summary- Belka HPS - FY 2019-20 to FY 2023-24

(All figures in INR Cr)

Particulars	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Opening GFA	17.92	17.92	17.92	17.92	17.92
Capitalization during the year		-	-		-
Closing GFA	17.92	17.92	17.92	17.92	17.92

#### 3.6.2 Depreciation

Since the plant will achieve more than 70% of its depreciable value at the end of FY 2021-22, the depreciation to be considered for ARR calculation will be as follows:

Table: Depreciation Summary- Belka HPS - FY 2019-20 to FY 2023-24

(All figures in INR Cr)

Particulars	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Opening Accrual Depreciation	8.33	9.35	10.37	11.40	11.64
Depreciation during the year	1.02	1.02	1.02	0.24	0.24
Closing Accrual Depreciation	9.35	10.37	11.40	11.64	11.88

#### 3.6.3 Interest on Loan Capital

A summary of the loan balances, drawls and repayments along with Interest cost is summarized in Table below:

Table: Summary of Interest on Loan for the Control Period for Belka HPS

(All figures in INR Cr)

Particulars	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Opening Balance	9.86	8.84	7.82	6.79	6.55
Additions	0	0	0	0	0
Repayments	1.02	1.02	1.02	0.24	0.24
Closing Balance	8.84	7.82	6.79	6.55	6.31

Particulars	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Average Net Loan	9,35	8.33	7.30	6.67	6.43
Interest on Loan	1.15	1.02	0.89	0.82	0.79

#### 3.6.4 Return on Equity

A summary of the equity balances, additions along with return on equity claimed is summarized in Table below:

Table: Return on Equity for Belka HPS for the Control Period (FY 2019-20 to FY 2023-24)

(All figures in INR Cr)

Particulars	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Average Equity Base	0.00	0.00	0.00	0.00	0.00
Return on Equity @15%	0.00	0.00	0.00	0.00	0.00

#### 3.6.5 Operating & Maintenance Expenses

Based on the commission approved escalation rate of 6.64% as per UPERC (Terms and Condition of Generation Tariff), Regulation 2014, the O&M expenses projected for Belka power station for the control period is as per table below:

#### Table: Projected O&M expense for the Control Period

(Figures in INR Cr)

O&M	0.67	0.70	0.73	0.76	0.80
Particulars	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24

#### 3.6.6 Interest on Working Capital

The computation of interest on working capital for the control period for kind consideration and approval of the Hon'ble Commission are as per table below:

#### Table: Projected Interest on Working Capital for the Control Period

(Figures in INR Cr)

O & M Expenses	0.06	0.06	0.06	0.06	0.07
Particulars	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
		(4) Programme (1) (2) (2) (2)	and the second of the second	*	1,111,111

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Particulars	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	
Maintenance Spares	0.10	0.10	0.11	0.11	0.12	
Receivables	0.36	0.35	0.33	0.23	0.23	
Total Working Capital	0.51	0.51	0.50	0.41	0.42	
Rate of Interest	13.50%	13.50%	13.50%	13.50%	13.50%	
Interest on Working Capital	0.07	0.07	0.07	0.06	0.06	

#### 3.6.7 Calculation of Tariff

As per CERC Terms and Condition for Tariff Determination from Renewable Energy Resources, Regulation 2017, small hydro power plants (<25 MW) can file petition for levelized tariff for the control period considering the discount factor of 9.15%. Thus, the following table describes the tariff that the petitioner requests the commission to approve:

Table: Calculation of Levelized tariff for the Control Period

Units Generation	Unit	\$15. (J.M.) <b>1</b> 0	2	3	4	5.
Installed Capacity	MW	3	3	3	3	3
Net generation	MU	13.07	13.07	13.07	13.07	13.07
Tariff Component		a de la compania de La compania de la co				
O&M	INR Cr	0.67	0.70	0.73	0.76	0.80
Depreciation	INR Cr	1.02	1.02	1.02	0.24	0.24
Interest on WC	INR Cr	0.07	0.07	0.07	0.06	0.06
Interest on Loan	INR Cr	1.15	1.02	0.89	0.82	0.79
ROE	INR Cr	0.00	0.00	0.00	0.00	0.00
Total Fixed Cost	INR Cr	2.91	2.81	2.71	1.87	1.88
Per Unit Tariff Componer	nts.					
PU O&M	INR/kWh	0.51	0.53	0.56	0.58	0.61
PU Depreciation	INR/kWh	0.78	0.78	0.78	0.18	0.18
PU Interest on WC	INR/kWh	0.05	0.05	0.05	0.04	0.04
PU Interest on Loan	INR/kWh	0.88	0.78	0.68	0.63	0.60
PU ROE	INR/kWh	0.00	0.00	0.00	0.00	0.00
PU Tariff Components	INR/kWh	2.22	2.15	2.08	1. <b>4</b> 3	1.44
Levalised Tariff			ethoeyin.			
Discount Factor Discounted Tariff		1.000	0.916	0.839	0.769	0.705
Component	INR/kWh	2.22	1.97	1.74	1.10	1.01
Levelized Tariff	INR/kWh	1.90				

Thus, Petitioner requests commission to approve a levelized tariff of INR 1.90/kWh for the control period FY 2019-20 to FY 2023-24



#### 3.5 Babail Small Hydro Power Plant

#### 3.7.1 Gross Fixed Assets/ Capital Cost

The following table provides the snapshot of the year-wise breakup of addition capitalization along with the Gross Fixed Assets balances for each year of the MYT control period:

Table: Fixed Assets Summary- Babail HPS - FY 2019-20 to FY 2023-24

(All figures in INR Cr)

Particulars	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Opening GFA	24.21	24.21	24.21	24.21	24.21
Capitalization during the year	-	-	-	-	-
Closing GFA	24.21	24.21	24.21	24.21	24.21

#### 3.7.2 Depreciation

Since the plant will achieve more than 70% of its depreciable value at the end of FY 2021-22, the depreciation to be considered for ARR calculation will be as follows:

Table: Depreciation Summary- Babail HPS - FY 2019-20 to FY 2023-24

(All figures in INR Cr)

Particulars	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Opening Accrual Depreciation	11.43	12.81	14.19	15,57	15.89
Depreciation during the year	1.38	1.38	1.38	0.32	0.32
Closing Accrual Depreciation	12.81	14.19	15.57	15.89	16.22

#### 3.7.3 Interest on Loan Capital

A summary of the loan balances, drawls and repayments along with Interest cost is summarized in Table below:

Table: Summary of Interest on Loan for the Control Period for Babail HPS

(All figures in INR Cr)

Particulars I	Y 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Opening Balance	13.15	11.77	10.39	9.01	8.69
Additions	0.00	0.00	0.00	0.00	0.00
Repayments	1.38	1.38	1,38	0.32	0.32
			•		





Particulars	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
				. 4	
Closing Balance	11.77	10.39	9.01	8.69	8.36
Average Net Loan	12.46	11.08	9.70	8.85	8.53
Interest on Loan	1.53	1.36	1.19	1.08	1.04

#### 3.7.4 Return on Equity

A summary of the equity balances, additions along with return on equity claimed is summarized in Table below:

Table: Return on Equity for Babail HPS for the Control Period (FY 2019-20 to FY 2023-24)

(All figures in INR Cr)

Particulars	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Average Equity Base	0.00	0.00	0.00	0.00	0.00
Return on Equity @15%	0.00	0.00	0.00	0.00	0.00

#### 3.7.5 Operating & Maintenance Expenses

Based on the commission approved escalation rate of 6.64% as per UPERC (Terms and Condition of Generation Tariff), Regulation 2014, the O&M expenses projected for Babail power station for the control period is as per table below:

Table: Projected O&M expense for the Control Period

(All figures in INR Cr)

Particulars	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
O&M	0.91	0.95	0.99	1.04	1.08

#### 3.7.6 Interest on Working Capital

The computation of interest on working capital for the control period for kind consideration and approval of the Hon'ble Commission are as per table below:

Table: Projected Interest on Working Capital for the Control Period

(All figures in INR Cr)

Particulars	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
O & M Expenses	0.08	0.08	0.08	0.09	0.09

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g e 44, 39

Particulars	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
			. •		
Maintenance Spares	0 14	0.14	0.15	0.16	0.16
Receivables	0.48	0.47	0.45	0.31	0.31
Total Working Capital	0.69	0.69	0.68	0.55	0.56
Rate of Interest	13.50%	13.50%	13.50%	13.50%	13.50%
Interest on Working Capital	0.09	0.09	0.09	0.07	0.08

#### 3.7.7 Calculation of Tariff

As per CERC Terms and Condition for Tariff Determination from Renewable Energy Resources, Regulation 2017, small hydro power plants (<25 MW) can file petition for levelized tariff for the control period considering the discount factor of 9.15%. Thus, the following table describes the tariff that the petitioner requests the commission to approve:

Units Generation	Unit		2	3 july 3 july 3	4	5
Installed Capacity	MW	3	3	3	3	3
Net generation	MU	13.07	13.07	13.07	13.07	13.07
Tariff Component	er et ga Austria Geranas					
O&M	INR Cr	0.91	0.95	0.99	1.04	1.08
Depreciation	INR Cr	1.38	1.38	1.38	0.32	0.32
Interest on WC	INR Cr	0.09	0.09	0.09	0.07	0.08
Interest on Loan	INR Cr	1.53	1.36	1.19	1.08	1.04
ROE	INR Cr	0.00	0.00	0.00	0.00	0.00
Total Fixed Cost	INR Cr	3.91	3.78	3.65	2.52	2.53
Per Unit Tariff Componer	nts					
PU O&M	INR/kWh	0.70	0.73	0.76	0.79	0.83
PU Depreciation	INR/kWh	1.06	1.06	1.06	0.25	0.25
PU Interest on WC	INR/kWh	0.07	0.07	0.07	0.06	0.06
PU Interest on Loan	INR/kWh	1.17	1.04	0.91	0.83	0.80
PU ROE	INR/kWh	0.00	0.00	0.00	0.00	0.00
PU Tariff Components	INR/kWh	2.99	2.89	2.79	1.93	1.93
Levelized Tariff						
Discount Factor Discounted Tariff		1.000	0.916	0.839	0.769	0.705
Component	INR/kWh	2.99	2.65	2.35	1.48	1.36
Levelized Tariff	INR/kWh	2.56				

Thus, Petitioner requests commission to approve a levelized tariff of INR 2.56/kWh for the control period FY 2019-20 to FY 2023-24



## 4 ANNUAL REVENUE REQUIREMENT & MULTI-YEAR TARIFF PETITION FOR SHEETLA

## 4.1 Sheetia Small Hydro Power Station (3x 1.2 MW)

Sheetla was put on commercial load in FY 2006-07. According to the provisions contained in UPERC (Captive and non-conventional Energy generating Plants) Regulations, 2009, it comes within the category of "small hydro plants – old projects". Accordingly, the Petitioner claims that the effective tariff for Sheetla small hydro power station for the MYT period 2019-20 to 2023-24 shall be decided in accordance with the provisions contained in the CNCE Regulations, 2019, as follows:

(All Figures in INR/kWh)

Year of Commissioning	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
FY 2006-07	1.52	1.56	1.59	1.63	1.67

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#### 5.1 Khara Hydro Power Station

The UPJVNL had make available to the Himachal Pradesh 20% of the power based on the energy available at Khara at Ex-bus. Accordingly, the allocation of fixed charges between Uttar Pradesh and Himachal Pradesh is shown in the table below:

(All Figures in INR Cr)

Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
Total Fixed Charges	41.18	44.78	45.63	45.43	38.28
Uttar Pradesh Share (80%)	33.18	35.83	36.50	36.35	30.62
Himanchal Pradesh Share (20%)	8.30	8.96	9.13	9.09	7.66



#### 6 PRAYER

(a)

In view of the above, the Petitioner most respectfully prays that this Hon'ble commission may be pleased to:

- a) Accept this Petition without true-up of previous year as elaborated in the Petition.
- b) Accept and allow the Petitioner to claim Two-Part Tariff (Capacity and Energy Charges) for those power houses whose installed capacity is more than 25 MW as elaborated in the Petition.
- c) Accept and allow the Petitioner to claim O&M expenses based on the Escalation Factor of 6.64% in line with the Tariff Regulations 2014 as elaborated in the Petition.
- d) Accept and allow the Petitioner to recover settled amount against the disposal of litigation matters pertaining to Khara Hydro Power Plant as elaborated in the Petition.
- e) Accept and allow the Petitioner to calculate PAFM based on "Availability factor of a Hydro Power Plant (in %)" instead of existing formula i.e. "Declare Capacity" as elaborated in the Petition.
- f) Accept and allow the Petitioner to claim Levelized tarifffor those power houses whose installed capacity is less than 25 MW as elaborated in the Petition.
- g) Accept and allow the Petitioner to
- h) Accept and allow the Petitioner to apply the tariff provided by the Hon'ble Commission from the beginning of FY 2018-19
- i) Allow for the recovery of Petition Filing Charges incurred by the Petitioner and Publication Charges incurred by the Petitioner.
- j) Direct the respondents to make the payment to the petitioner for the bills raised to them for supply of energy.
- k) Condone any inadvertent omissions/errors/ rounding off differences/ shortcomings and permit the Petitioner to add/alter this filling and make further submissions as may be required at later stages; and
- l) Pass such orders as the Hon'ble Commission may deem fit and proper, in light of the facts and circumstances of the case, to grant relief to the Petitioner.

Place :	
Date :	
	Signature of the Petitioner
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#### FORM-1

(See Regulation 30)

## BEFORE THE HON'BLE UTTAR PRADESH ELECTRICITY REGULATORY COMMISSION, VIDYUT NIYAMAK BHAWAN, VIBHUTI KHAND, GOMTI NAGAR, LUCKNOW

Receipt Register No.:
Petition No.: 1790 of 2021

#### IN THE MATTER OF

MULTI YEAR TARIFF PETITION FOR APPROVAL OF ANNUAL REVENUE REQUIREMENT AND DETERMINATION OF TARIFF FOR FY 2019-20 TO FY 2023-24 IN RESPECT OF HYDRO POWER STATIONS NAMELY RIHAND, OBRA, MATATILA, KHARA, UPPER GANGA CANAL, BELKA, BABAİL & SHEETLA HYDRO POWER STATIONS OF UTTAR PRADESH JAL VIDYUT NIGAM LTD (UPJVNL) SHAKTI BHAWAN, 14-ASHOK MARG LUCKNOW

AND

#### IN THE MATTER OF

UTTAR PRADESH JAL VIDYUT NIGAM LIMITED (UPJVNL). SHAKTI BHAWAN, 14-ASHOK MARG, LUCKNOW

**APPLICANT** 

V/s

UTTAR PRADESH POWER CORPORATION LIMITED (UPPCL), SHAKTI BHAWAN, 14-ASHOK MARG, LUCKNOW

HIMACHAL PRADESH ELECTRICITY BOARD LIMITED, VIDYUT BHAWAN, SHIMLA (HP) – 171 004

MADHYA PRADESH POWER MANAGEMENT COMPANY LTD, SHAKTI BHAWAN, VIDYUT NAGAR, JABALPUR (M.P) – 482 008

MADHYANCHAL VIDYUT VITRAN NIGAM LTD. PN ROAD, LUCKNOW

POORVANCHAL VIDYUT VITRAN NIGAM LTD. 132 KV S/S BHIKARI VIDYUT NAGAR, VARANASI

PASCHIMANCHAL VIDYUT VITRAN NIGAM LTD. VICTORIA PARK, MEERUT

DAKSHINACHAL VIDYUT VITRAN NIGAM LTD. GALINA ROAD AGRA.

KANPUR ELECTRICITY SUPPLY CO. LTD. KESA HOUSE, KANPUR

NOIDA POWER CO. LTD. COMMERCIAL COMPLEX, H BLOCK, ALPHA-II SECTOR, GREATER NOIDA CITY. RESPONDENTS

(48)

#### FORM-2

(See Regulation 31)

## BEFORE THE HON'BLE UTTAR PRADESH ELECTRICITY REGULATORY COMMISSION, VIDYUT NIYAMAK BHAWAN, VIBHUTI KHAND, GOMTI NAGAR, LUCKNOW

Petition No.: 1790 of 2021

#### IN THE MATTER OF

MULTI YEAR TARIFF PETITION FOR APPROVAL OF ANNUAL REVENUE REQUIREMENT AND DETERMINATION OF TARIFF FOR FY 2019-20 TO FY 2023-24 IN RESPECT OF HYDRO POWER STATIONS NAMELY RIHAND, OBRA, MATATILA, KHARA, UPPER GANGA CANAL, BELKA, BABAIL & SHEETLA HYDRO POWER STATIONS OF UTTAR PRADESH JAL VIDYUT NIGAM LTD (UPJVNL) SHAKTI BHAWAN, 14-ASHOK MARG LUCKNOW

AND

#### IN THE MATTER OF

UTTAR PRADESH JAL VIDYUT NIGAM LIMITED (UPJVNL), SHAKTI BHAWAN, 14-ASHOK MARG, LUCKNOW

**APPLICANT** 

VS

UTTAR PRADESH POWER CORPORATION LIMITED (UPPCL), SHAKTI BHAWAN, 14-ASHOK MARG, LUCKNOW

HIMACHAL PRADESH ELECTRICITY BOARD LIMITED, VIDYUT BHAWAN, SHIMLA (HP) – 171 004

MADHYA PRADESH POWER MANAGEMENT COMPANY LTD, SHAKTI BHAWAN, VIDYUT NAGAR, JABALPUR (M.P) -- 482 008

MADHYANCHAL VIDYUT VITRAN NIGAM LTD. PN ROAD, LUCKNOW.

PASCHIMANCHAL VIDYUT VITRAN NIGAM LTD. VICTORIA PARK, MEERUT

POORVANCHAL VIDYUT VITRAN NIGAM LTD. 132 KV S/S BHIKARI VIDYUT NAGAR, VARANASI

DAKSHINACHAL VIDYUT VITRAN NIGAM LTD. GALINA ROAD AGRA.

KANPUR ELECTRICITY SUPPLY CO. LTD. KESA HOUSE, KANPUR

NOIDA POWER CO. LTD.

COMMERCIAL COMPLEX, H BLOCK, ALPHA-II SECTOR GREATER NOIDA CITY-

RESPONDENTS

#### **AFFIDAVIT**

- I, MAHESH PRASAD, Son of LATE SHRI DEV NANDAN PRASAD aged about 59 years, resident of Lucknow, do hereby solemnly affirm and state as under:
  - 1. I say that I am Chief Engineer (O&M), UPJVNL, the Applicant in the above matter and am duly authorized by the said Applicant to swear the present affidavit.
  - 2. I say that I have read the contents of the above Petition filed by the Petitioner (applicant) and I have understood the contents of the same.
  - 3. That the contents of the Petition filed by the Applicant are based on the information available with the Applicant in the normal course of business and believed by me to be true.
  - 4. I say that the Text, Appendixes and Annexure to the Petition are the true and correct copies of their original.

DEPONENT

#### **VERIFICATION**

I, the deponent above named, do hereby verify the contents of the above affidavit to be true to the best of my knowledge, no part of it is false and nothing material has been concealed there from.

Verified at Lucknow on the 62161 2022.

DEPONENT

SUNIL KUMAR SUNIL KUMAR SUNIL KUMAR AMUCKMON NOTARIJAMO NOTARIJAT

Sworn & Verified

NUTIL KUMPE STUZSTAVE NOV. & NOTARY JICKNOW U.P. INDIA

meanty the deponents



## **Appendix-I**

# TARIFF FILING FORMS OBRA HYDRO POWER STATION





## Summary Sheet

Name of the Company Name of the Power Station : Region UP JAL VIDYUT NIGAM LIMITED OBRA HYDRO POWER STATION State: UTTAR PRADESH

S. No.	Particulars		2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
1	2		3	4	5	6	7	8
		Rs Crore	1.73	4.50	4.50	4.50	4.52	4.66
1.1	Depreciation Interest on Loan	Rs Crore	2.42	4.55	4.00	3.45	2.92	2.57
	Return on Equity:	Rs Crore	2.24	3.49	3.49	3.49	3.50	3.61
1.4	Interest on Working Capital	Rs Crore	1.01	1.03	1.07	1.12	1.18	1.24
1.5	O & M Expenses	Rs Crore	15.64	16.68	17.79	18.97	20.23	21.57
	Total	<u> </u>	23.04	30.25	30.86	31.53	32.35	33.66

 $^{1}$  Details of calculations, considering equity as per regulation, to be furnished.



## Statement Showing Claimed Capital Cost

Name of the Company Name of the Power Station : Region UP JAL VIDYUT NIGAM LIMITED OBRA HYDRO POWER STATION State: UTTAR PRADESH

S. No.	Particulars	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7	8
	Opening Capital Cost	18.79	77.59	77.59	77.59	77.59	78.17
	Add: Addition during the year / period	58.80	0.00	0.00	0.00	0.58	4.33
•	Less: Decapitalisation during the year / period	0.00	0.00	0.00	0.00	0.00	0.00
	Less: Reversal during the year / period						
	Add: Discharges during the year / period						
	Closing Capital Cost	77.59	77.59	77.59	77.59	78.17	82.50
	Average Capital Cost	48.19	77.59	77.59	77.59	77.88	80.33



Petitioner

## Statement Showing Return on Equity

Name of the Company Name of the Power Station : Region UP JAL VIDYUT NIGAM LIMITED OBRA HYDRO POWER STATION State: UTTAR PRADESH

. No.	Particulars	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
. NO.	Tartesias 3	3	4	5	6	7	- 8
1	Opening Equity	5.64	23.28	23.28	23.28	23.28	23.45
	Add: Increase due to addition during the year / period	17.64	0.00	0.00	0.00	0.18	1.30
	Less: Decrease due to de-capitalisation during the year / period	0.00	0.00	0.00	0.00	0.00	0.00
•••	Less: Decrease due to reversal during the year / period						
	Add: Increase due to discharges during the year / period			,			
	Closing Equity	23.28	23.28	23.28	23.28	23.45	24.75
	Average Equity	14.46	23.28	23.28	23.28	23.36	24.10
	Rate of ROE	15.50%	15.00%	15.00%	15.00%	15.00%	15.009
	Return on Equity	2.24	3.49	3.49	3.49	3.50	3.61

PART-I FORM- 2

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

Name of the Company: Name of the Power Station : UP JAL VIDYUT NIGAM LIMITED OBRA HYDRO POWER PLANT

	Unit	Existing 2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
Installed Capacity ( MW)	MW	99	99	99	99	99	99
Free power to home state	%	0	0	0	0	0	0
Date of commercial operation (actual/anticipated)							<u> </u>
a. Unit-1		15-05-70	15-05-70	15-05-70	15-05-70	15-05-70	15-05-70
b. Unit-2	-	07-12-70	07-12-70	07-12-70	07-12-70	07-12-70	07-12-70
c. Unit-3		08-04-71	08-04-71	08-04-71	08-04-71	08-04-71	08-04-71
Type of Station							
a ) Surface/underground		Surface	Surface	Surface	Surface	Surface	Surface
b ) Purely ROR/ Pondage/Storage		Storage	Storage	Storage	Storage	Storage	Storage
c.) Peaking/non-peaking		Peaking	Peaking	Peaking	Peaking	Peaking	Peaking
d) No. of hours of peaking							
e ) Overload capacity(MW) & period							
Type of excitation							
a) Rotating exciters on generator	<u> </u>	Static	Static	Static	Static	Static	Static
b) Static excitation		Static	Static	Static	Static	Static	Static
Design Energy (Annual)	MU	279	279	279	279	279	279
Auxiliary Consumption including Transformation	<b>%</b>	1%	1%	1%	1%	1%	1%
Normative Plant Availability Factor (NAPAF)	%	85%	85%	85%	85%	85%	85%
	INR Crores	2.35	2.50	2.67	2.85	3.03	3.24
Maintenance Spares for WC	INR Crores		3.72	3.80	3.89	3.99	4.15
Receivables for WC		15%				15%	15%
Base Rate of Return on Equity	%	1570	15%	1376			
SBI Base Rate + 350 basis points as on 2	%	12.25%	12.25%	12.25%	12.25%	12.25%	12.25%





PART-! FORM-3

## Sallent Features of Hydroelectric Project

Name of the Company
Name of the Power Station

#### UP JAL VIDYUT NIGAM LIMITED OBRA HYDRO POWER PLANT

. Location	
tate/Distt.	UP/Sonbhadra
live:	Rihano/Renuka
!, Diversian Tunnel	
ize, shape	
ength (M)	
. Dam	
ype	Earth and rock filled dam with spillway
vlaximum dam height (M)	29 23m
l. Spillway	<u> </u>
уре	
rest level of spiifway (M)	· · · · · · · · · · · · · · · · · · ·
i. Reservoir	: 
full Reservoir Level (FRL) (M)	193.30 M
Minimum Draw Down Level (MODL) (M)	192.65 M
ive storage (MCM)	211x 10° cubic M
5. De-silting Chamber	
Гуре	
Number and Size	;
Particle size to be removed(mm)	<u> </u>
7. Head Race Tunnel	
Size and type	<u> </u>
.ength (M)	
Design discharge(Cumecs)	
B. Surge Shaft	
Гуре	
Diameter (M)	
Height (M)	
9. Penstock/Pressure shafts	
Турс	
Districter & Length (M)	
10. Power House	
rista. ed capacity (No of Enits × MW)	99 (3x 33MW)
Type of turbine	Vertical Kaplan
Rated Head(M)	20.4 M
Rated Discharge(Comecs)	194 Cumess
Head at Full Reservoir Leval (M)	
head at Minimum Draw down Level (M)	
MW Capability at FRI.	·   ···· <del>- · · · · · · · · · · · · · · · ·</del>
MW Capability at MDDL	
11. Yai: Race Tunnel/Channel	
Diameter (M) I shape	5.2Mx 5.7S M/Rectangular
Length (M)	· · · · · · · · · · · · · · · · · · ·
Minimum tair water level (M)	1/3.28 M
12. Switchyard	
Type of Switch gear	
No. of generator bays	1
Not of Bus coupler bays	1

And C

Note: Specify limitation on generation during specificitine period(s) on account of restrictions on water use due to regetion, drinking water industrial, environmental onsiderations etc.



の	🖔 🕾 🖁 🧂 iils only in res	(Details only in respect of ioans applicable to the project under petition)	icable to th	e project u	ınder pet	tition)						
Name of the Company Name of the Power Station Exchange Rate at COD or 31.03.2004, whichever is later Exchange Rate as on 31.03.2014				an O	JAL VID) IBRA HYI	IP JAL VIDYUT NIGAM LIMITE OBRA HYDRO POWER PLANT	UP JAL VIDYUT NIGAM LIMITED OBRA HYDRO POWER PLANT					
Financial Year (Starting from COD)	-	Year 1				Ye	Year 2			Ye	Year 3	
1	2		4	5	9	~	8	6	10	11	12	13
	Date	Amount (Foreign Currency)	Exchange Rate	Amount (Rs.		Amount (Foreign Currency)	Exchange Rate	Amount (Rs. Lakh)	Amount Date (Foreign	-	Exchange Rate	Amount (Rs.
Currency11												
At the date of Drawl or at the beginning to the year of the period 2										:		
Scheduled repayment date of principal		NE										
Scheduled payment date of interest	:											
At the end of Financial year												
In case of Hedging3										   		
At the date of hedging												
Period of hedging												
Cost of hedging												
(Jareany)												
At the date of Drawl or at the beginning to the year of the period												
Scheduled repayment date of principal												
Scheduled payment date of interest												
At the end of Financial year												
In case of Hedgings												
At the date of hedging			- ALACO ROBE							:		
Period of hodging	<u>-</u>		TO 5187051									
Cost of hedging			W.W. 1.0714									
Currency3¹ & so on	,											

At the date of Drawl or at the beginning to the year of the period 2  Scheduled repayment date of principal	Amount (Foreign Exchange (Rs. Currency)	4									
Date 5 to the year of the period	Amount (Foreign Currency)		'n	9	_	00	Q	9	11	12	15
s to the year of the period 2	Jurrency)	Exchange	nut	Date	Amount (Foreign	Exchange	Amount (Rs.		Amount Date (Foreign	nge	Amount (Rs.
At the date of Drawl or at the beginning to the year of the period 2 Scheduled repayment date of principal		Rate	_		Currency)	Rate	Lakh)		Currency;	Rate	Lakh)
Scheduled repayment date of principal											
Scheduled payment date of interest							+				
At the end of Financial year											
The more the currency to be mentioned e.g. USS, DM, etc. etc.  In case of more than one drawl during the year, Exchange rate at the date of each drawl to be given.  In case of more than one drawl during the year or part hedging, details of each hedging are to be given.  In the details of hedging, in case of more thanone hedging during the year or part hedging, details of each hedging are to be given.  In the details of hedging in case of more than one hedging change in rates, date from which change effective etc. must be clearly indicated.	drawl to be given. Ehedging, details of each hedging are to be given om which change effective etc. must be clearly inc	ach hedging ctive etc. mu	are to be g ust be clear	given rly indicatu	e q					Detitioner	

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Telephone in Leading to the control of the control of the control of the project under petition) - FORM- 4 (A) PART-UP JAL VIDYUT NIGAM LIMITED Name of the Company

**OBRA HYDRO POWER PLANT** 

Exchange Rate as on 31,03,2014 Name of the Power Station

The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s		Year 1				Ye	Year 2			<b>*</b>	Year 3	
Financial real (statute troil coo)	2	E	4	5	9	7	so	6	10	11	12	13
*		Amount Excha (Foreign Currency) Rate	ange	Amount (Rs. Lakh)	Date	Amount (Foreign Currency)	Exch		Amount Date (Foreign Currency		Exchange Amount Rate (Rs. Lakh	Amount (Rs. Lakh)
Currency1* At the date of infusions		NIL										
		:	i		į		· !		 			:
	İ				i						· · · · · · · · · · · · · · · · · · ·	
Currency21												
At the date of infusion:												
Currency3 <sup>1</sup> & so on												
At the date of infusion:					!							
						:			İ			
									i			
						100F						į

Message 1

Furnish details of hedging, in case of more thanone hedging during the year or part hedging, details of each hedging are to be given Name of the currency to be mentioned e.g. US \$, DM, etc. etc.

## Abstract of Admitted Capital Cost for the existing Projects

Name of the Company: Name of the Power Station: UP JAL VIDYUT NIGAM LIMITED OBRA HYDRO POWER PLANT

Capital Cost as admitted by UPERC

	Capita! Cost as admitted by UPERC	
а	Capital cost admitted as on	
	(Give reference of relevant UPERC Order with Petition No.& Date)	
þ	Foreign Component, if any (In Million US \$ or the relevant currency)	
С	Foreign Exchange rate considered for the admitted Capital cost (Rs Lakh)	NIL
d	Total Foreign Component (Rs. Lakh)	
e	Domestic Component (Rs. Lakh.)	
f	Hedging cost, if any, considered for the admitted Capital cost (Rs Lakh)	
	Total Capital cost admitted (Rs. Lakh) (d+e+f)	

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

Name of the Company: Name of the Power Station: UP JAL VIDYUT NIGAM LIMITED **OBRA HYDRO POWER PLANT** 

New Projects Capital Cost Estimates				NII			
Board of Director/ Agency approving the Capital cost							
estimates:							
Date of approval of the Capital cost estimates:	: 						
		Present D	Oaγ Cost Qtr. Of the		ompleted C		
Price level of approved estimates			Qtr. Of the	Station S		บย or the	
Foreign Exchange rate considered for the Capital cost estimates						   	
Capital Cost excluding IDC & FC	:						
Foreign Component, if any (In Million US \$ or the relevant Currency)			NIL				
Domestic Component (Rs. Cr.)							
Capital cost excluding IDC & FC (Rs. Cr)							
IDC & FC		:					
Foreign Component, if any (in Million US \$ or the relevant Currency)							<u> </u>
Domestic Component (Rs. Cr.)		-			<del>                                     </del>		
Total IDC & FC (Rs.Cr.)							
Rate of taxes & duties considered							····
Capital cost Including IDC & FC	ļ						
Foreign Component, if any (In Million US \$ or the relevant Currency)				:	:		
Domestic Component (Rs. Cr.)	<b>.</b>				****		<u> </u>
Capital cost Including IDC & FC (Rs. Cr)					:		
Schedule of Commissioning	ļ		:				
COD of Unit-I/3lock-I			·		· · · · · · · · · · · · · · · · · · ·		
COD of Unit-II/Black-II	1		· · · · · · · · · · · · · · · · · · ·		: .		
							i
COD of last Unit/Block	j		:				i

#### Note:

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

PART-I FORM-58

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

Yame of the Company : Name of the Power Station : UP JAL VIOYET NIGAM LIMITED OBRA HYDRO POWER PLANT

SI,No.	<u>:</u>	As per original Estimates	As an COD	Liabilities/ Provisions (5)	Variation (Rs. Cr.)	Reasons fo Variation
(1)	(2)	(3)	(4)	(5)	!6}	[7)
1.0	Infrastructure Works		·			<u></u>
1.1	Preliminary including Development					
1.2	and	:				
1.3	R&K expenditure	<u>:</u>	İ			
1.4	Bu 'dings					
1.5	Township					
16	Maintenance		[			
1.7	Tools & Plants		IV			
J 8	Communication		1			
19	Environment & Ecology					
1.10	Lasses on stock	:	:			
1.11	Receipt & Recoveries	1				
1.12	Total (Infrastructure )					
		i				
2.0	Major Civil Works	1				
2.1	Dam, Intake & Desiting chambers		1			
2.2	nR1, (R1, Surge Shart & Pressure shafts	-	!			
2,3	Power Plant civil works	+	:		~	
2.4	Other civ_works (to be specified)	+				
2.5	Total [Major Civil Works]		:		_	
11000	(major system)	+	-			
3.0	Hydro Mechanical equipments	+	<del> </del>			
	Tryon and control countries	<del></del>	····i	·——!		
4.0	Plant & Equipment	+				
4.1	Initial spares of Plant & Equipment			· · -··		
4.2	Total (Plant & Equipment)	- <del>!</del>	l			
	Transfer out & extending and	<del>-                                    </del>	h			
5.0	Taxes and Duties					
5.1	Custom Duty	<del>- i</del>	<del> </del>		<del></del>	
5.2	Other taxes & Duties	<del>                                     </del>			<del></del>	
	Total Taxes & Duties	- <del> </del>				<del></del>
	Traces reacting to the second	+				
6.0	Construction & Precummissioning expenses	·			——···	
5.1	Erection, testing & commissioning expenses					
£ 2	Construction	-				
63						
6.4	Site supervision	<u> </u>				
0.4	Total (Const. & Precommissioning)		ł	-		
7.0	<u></u>			· · · · · ·		
	Overheads			-		
7.2	Establishment	-			~	
7.2	Design & Engineering					
7.3	Audit 8 Accounts	-	į .			
7.4	Contingency			!		
7.5	Rehabilitation & Resettlement				:	
	:Total (Overheads)					
	!			:		
8.0	Capital Cost without IDC, FC, FERV & Hedging Co	5t	i	· · · · · · · · · · · · · · · · · · ·		
9.0	IDC, FC, FFRV & Hedging Cost				:	
	Interest During					
∄ 1						
	jihinana ng Uhurgot					
	Financing Charge:   Foreign Exchange	·   · · ·		:		
9.2 5.3	Foreign Exchange	-			i	
5.2 5.3 5.4	Foreign Exchange Hedging Cost				i	
5.2 5.3 9.4	Foreign Exchange				· · · · · · · · · · · · · · · · · · ·	

#### Vete

- 1 Case of cost variation, a detailed note giving reasons of such varietion should be submitted clearly indicating whether such cost over-run was beyond the control of the uting company.
- in case of buth time & cost overhun, a detailed note giving reasons of such time and cost over ron should he submitted.

  Clearly charging but the agency responsible and bether such time and cost overhun was object she control of the general necompany.
- The implication on cost due to time over run, ifany shall be sulvented separately group data is of increase in prices of different packages from scheduled COD to Actual chated COD, increase in EDC from scheduled COD to actual COD/anticipated COD and increase of DC from scheduled COD to actual participated COD.
- Impaction account of each reason for Time over run on Cost of project alroad be quantified and substantiated with necessary documents and supporting workings.
- S Airst of balance work assets/work wise including initial spore on original scope of works along with extimate shall be from shed positively.

#### The Control of the Control of Break-up of Capital Cost for Plant & Equipment (NewProjects)

Name of the Name of the

#### UP JAL VIDYUT NIGAM LIMITED OBRA HYDRO POWER PLANT

5. No.	Variables	Original Cost as approved by Authority/Investme nt Approval (1)	Original Cost as approved by Authority/Investment Approval (1)	Variation	: Reasons for Variation*
1	Generator, turbine & Accessories			*	
	Generator package	<del> </del>	···· · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·
	Turbine package			v ·· /	
	Unit control Board	i			1,
	CSI package		NiL		
	Bus Cuct of GT connection				
	Total (Generator, turbine & Accessories)				
					<del> </del>
2	Auxiliary Electrical quipment	Ť'	<del></del>		
	Step up transformer	<b></b>	<del></del>		<del>!</del>
	Unit Auxiliary Transformer	+	·		
	Local supply	·	:		
	transformer				:
	Station transformer	1			İ
	SCADA		:		:
	Switchgean, Batteries, DC dist. Board				:
	Telecommunication equipment		<del>:</del>		-
	Blumination of Dam, PH and Switchyard				
	Capies & cable				
	facilities, grounding		· :		
	Diesel generating sets				
	Total (Auxiliary Elect. Equipment)				•••••
		1			······
3	Auxillary equipment & services for power				
	station .	ļ			A.A
	EOT crane				· · · · · · · · · · · · · · · · · · ·
	Other cranes				
	Electric lifts & elevators				
	Cooling water system	<u>i                                      </u>			
	Drainage & dewatering				•
	system	<u> </u>			
	Firefighting equipment	<u> </u>			
	Air condit oning,				
	ventilation and heating	<del>:</del>	<u> </u>	<del></del>	
	¡Water supply system	÷			
	Oil handling eq., pment				
	Workshop machines & equipment	<del> </del>			
	Total (Auxiliary equipt. & services for PS)	1			
					·
4	Switchyard package	<u> </u>			
	•				<del></del>
5	Initial spares for all above equipments				: 
	· · · · · · · · · · · · · · · · · · ·	<del>;</del>		<b></b>	
6	Total Cost (Plant & Equipment) excluding IDC, FC, FERV & Hedging Cost				
				L	
	The Francisco Allega				<u> </u>
7	IDC, FC, FERV & Hedging Cos	<del> </del>			· · · ·
	Interest During Construction (ICC)	ļ			,.,.,
	Financing Charges (FC)	<del> </del>		: .———————	
	Foreign Exchange Rate				
	Variation (CERV)			<del></del>	<u> </u>
	Hedging Cost	<del> </del>			
			i i	i	i
	Total of IDC, FC, FERV & Hedging Cost	<b></b>			
	Total of IDC, FC, FERV & Hedging Cost				
8	Total of IDC, FC, FERV & Hedging Cost  Total Cost (Plant & Equipment) including IDC, FC, FERV & Hedging Cost				

					reak up o	f Construc	tion/Supply/	Break-up of Construction/Supply/Service packages					PART-I
Nar	Name of the Company: Name of the Power Statio	0					UP JAL VIDY OBRA HYG	UP JAL VIDYUT NIGAM UMITED OBRA HYDRO POWER PLANT	TED AT				
SI. No,	Name/No. of Construction / Supply / Service Package	Scope of works <sup>1</sup> (in line with head of cost break-ups as applicable)	Whether awarded through ICB/DCB/ Depatmentally/ Deposit Work	No. of bids received	Date of Award	Date of Start of work	Date of Completion of Work	Value of Award <sup>2</sup> in (Rs. Cr.)	Firm or With Escalation in prices	Actual expenditure till the completion or up to COD whichever is earlier(Rs.Cr.)	Taxes & Duties and IEDC (Rs. Lakh)	IDC, FC, FERV & Hedging cost (Rs. Lakh)	Sub -total (10+11+12) (Rs. Lakh)
Ξ	(2)	(3)	(4)	(5)	(9)	(7)	(8)	(6)	(10)	(11)	(12)	(13)	(14)
	The scope of work in any package should be indicated there is any package, which need to be show +USS550in=Rs.390Cr. at US\$=Rs.62 as on say 01.04.14	y package should be it	NIIL  NIIL  The scope of work in any package should be indicated in conformity of Capital cost or  If there is any package, which need to be shown in Indian Rupee and foreign +USS50in=Rs.390Cr. at USS=Rs62 as on say 01.04.14.	of Capital co	st oreak-up	c for the co	ai based plant	eak-up for the coal based plants in the FORM 5B to the extent possible.	to the extent prately along w	eak-up for the coal based plants in the I-ORM SB to the extent possible.  currency(tes), the sameshould be shown separately along with the currency, the exchange rate and the date e.g. Rs.80 Cr.	he exchange	rate and the	late e.g. Rs.SO Cr.
												Petitioner	

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Trabality (1887)

## In case there is cost over run

Name of the Company : Name of the Power Station :

## UP JAL VIDYUT NIGAM LIMITED OBRA HYDRO POWER PLANT

			Rs. Crores	_		Admitte
SI.No.	Break Down	As per original Estimates	As on COD	Variation( Rs. Cr.)	Reasons for. Variation	Cost (R
{1}	(2)	(3)	(4)	(5)	(6)	(7)
1.0	Cost of Land & Site Development		, ,			and provide the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the st
1.1	Land				†	
1.2	Rehabilitation & Resettlement (R&R)	1				er everyteren verd i sterioù o
1.3	Preliminary Investigation & Site development		+	+	†	
	Total Land & Site Development	C	0	0	0	
2.0	Plant & Equipment	<del></del>		+	1	
	·			<del>                                     </del>		
	Steam Turbine generator Island		<u> </u>			
2.2	Turbine Generator Island					
2.3	BOP Mechanical			1		
2.3.1	Fuel Handling & Storage system			<del></del> -	1	
2.3.2	External water supply system			†		
2.3.3	CW system					
2.3.4	Cooling Towers			†·	:	
2:3.5	DM water Plant		-		1	
2.3.6	Clarification plant					
2.3.7	Chlorination Plant		+		<del>                                     </del>	
2.3.8	Air condition & Ventilation System	·	+		†	
2.3.9	Fire Fighting system	<del></del>	+	-	+	
··· · · · · · · · · · · · · · · · · ·	HP/LP Piping		+		†	
	Total BOP Mechanical		0	0	0	
2.5	BOP Electrical	<del></del>	<del></del>	<u> </u>		
	Switch Yard Package		-	<del> </del> -	1	
	Transformers package			<del></del>	+	
2,5,3	Switch gear Package			<del> </del> -	†	
2.5.4	Cable , Cable Facilities & grounding	<del></del>		-	<del>                                     </del>	
	Lighting	+		<del> </del>	+	
2.5,6	Emergency D.G. set		+	<del> </del> -	<del>                                     </del>	
4-010	Total BOP Electrical		0	()	1	
2.6	C & I Package		<del>' </del>	-	+	
2.0	Total Plant & Equipment excluding taxes & Duties	+	+	<u>:</u>	ļ	
2.7	Taxes and Duties	+	+	<del></del> ,	<u> </u>	
2.7.1	Custom Duty		+		1	
2.7.2	Other Taxes & Duties		+	<del>!</del>	<del></del>	
4.1.4	Total Taxes & Duties	C	0	i		
	Total Plant & Equipment(with taxes & Duties)		<del>'                                       </del>	- 0	<del> </del>	
3.0	Initial spares	<del>-</del>	<del> </del>		<del> </del>	
4.0	Civil Works			<del> </del>	+	
4.0	Main plant/Adm. Building		<del> </del>	<del>                                     </del>	<del>                                     </del>	
4.1	External water supply system	+	<del> </del>	<del>                                     </del>		P4877 - 1-1-1
	4- mm///		<del> </del>	<del> </del> -	+	
4.3	Cw system	+	<del>                                     </del>	<del> </del>	+	
4.4	Cooling Towers			<del> </del>	<del>                                     </del>	
4.5	DM water Plant	1	-	ļ	<u></u>	
4.6	Clarification plant			ļ		
4.7	Fuel Handling & Storage system		<del> </del>	<u></u>	<b>↓</b>	
4.8	Township & Colonγ			<u> </u>		
4.9	Temp. construction & enabling works		Ι			
4.10	Road & Drainage					
4.11	Fire Fighting system					
	Total Civil works	0	)- 0	()	0	
	I					

		Cost in F	Rs. Crores		1	Admitted
SI.No.	Break Down	As per original Estimates	As on COD	Variation( Rs. Cr.)	Reasons for Variation	Cost (Rs.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
5.1	Erection Testing and commissioning				-	
5.2	Site supervision					<u> </u>
5.3	Operator's Training			Ī	<u>.</u>	
5.4	Construction Insurance					
5.5	Tools & Plant					
5.6	Start up fuel					<u> </u>
	Total Construction & Pre-Commissioning Expences	(	ol c	0 (	0 0	.
6.0	Overheads			<del></del>		
6.1	Establishment					<u> </u>
6.2	Design & Engineering			<u> </u>		<u> </u>
6.3	Audit & Accounts					<u> </u>
6.4	Contingency					<b></b>
	Total Overheads	(	0 0	0	0 0	(
7.0	Capital cost excluding IDC & FC					
7.1	Interest During Construction (IDC)					<u>!</u>
7.2	Financing Charges (FC)	<u> </u>				
8.0	Capital cost including IDC & FC	<u> </u>	:		_	

#### Note:

Note: Impact on account of each reason for Cost overrun should be quantified and substantiated with necessary documents and supporting workings.

		In case there is time over run	there is time	overrun			
Name of the Company Name of the Power Station				UP JAL VIDY OBRA HYI	UP JAL VIDYUT NIGAM LIMITED OBRA HYDRO POWER PLANT	IMITED LANT	
	Original Schedule (As per Planning)	edule ning)	Actual Sche	Actual Schedule (As per Actual)	Time Over- Run	Reasons for delay	Other Activity effected (Mention S. No. of activity affected)
Description of Activity/	Start Date	Completion	Actual Start Dat	Actual Completion Dat	days		
		NIL					
	1					) ) (	
						Petitioner	
						r cultiones	

The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s

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## Financial Package upto COD

Name of the Company Name of the Power Station Project Cost as on COD<sub>1</sub> UP JAL VIDYUT NIGAM LIMITED OBRA HYDRO POWER PLANT

Date of Commercial Operation of the Station2

	Financial Package	as Approved	Financial Pa	ackage as on COD	As Admitted	d on COD
	Currency and		Currence	y and Amounts	Currency and	d Amount
1	2	3	4	5	6	7
Loan-l			<del>. </del>			
Loan-II	<del></del>		NIL			
Loan-III						
and so on						
Loan-					11	
Foreign						
Domestic						
Total loan(Rs)						
Equity-	·					
Foreign						
Domestic						
Total Equity( Rs)						
Debt : Equity Ratio						

- 1. Say Rs. 80 Cr. + US\$ 200 m or Rs. 1320 Cr. including US\$ 200 m at an exchange rate of US\$=Rs62
- 2. Provide details on commercial operation as on COD of each Unit
- 3. For example: US \$ 200m, etc.

## Details of Project Specific Loans

Name of the Company Name of the Power Station

## UP JAL VIDYUT NIGAM LIMITED OBRA HYDRO POWER PLANT

Particulars	Package1	Package2	Package3	Package4	Package5	Package6
1	2	3	4	5	6	7
Loan No.						
Source of Loan		<u> </u>				
Currency						
Amount of Loan sanctioned			NIL	<u> </u>		
Amount of Gross Loan drawn upto 31.03.2014/COD						
Interest Type						
Fixed Interest Rate, if applicable						
Base Rate, if Floating Interest				: :		: 
Margin, if Floating Interest				···		L
Are there any Caps/Floor						<u> </u>
If above is yes, specify caps/floor						
Moratorium Period						<u> </u>
Moratorium effective from	-2.3155-					
Repayment Period						
Ropayment effective from						
Repayment Frequency						L
Repayment Instalment	,					
Base Exchange Rate	<del></del>					

<sup>&</sup>lt;sup>1</sup> Source of loan means the agency from whom the loan has been taken such as WB, ADB, WMB, PNB, SBI, ICICI, IFC, PFC etc.

<sup>&</sup>lt;sup>2</sup> Currency refers to currency of loan such as US\$, DM, Yen,Indian Rupee etc.

<sup>&</sup>lt;sup>3</sup> Details are to be submitted as on 31.03.2014 for existing assets and as on COD for the remaining assets.

<sup>&</sup>lt;sup>4</sup> 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 be given seperately in the same form.

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

Interest type means whether the interest is fixed or floating.

Base rate means the base as PIR, LIBOR etc. over which the margin is to be added. Applicable base rate on different dates from the date of drawl may also be enclosed.

<sup>&</sup>lt;sup>8</sup> Margin means the points over and above the floating rate.

<sup>&</sup>lt;sup>9</sup> At times caps/floor are put at which the floating rates are frozers. If such a condition exists, specify the limits.

 $<sup>^{10}</sup>$  Moratorium period refers to the period during which loan servicing liability is not required.

<sup>&</sup>lt;sup>11</sup> Repayment period means the repayment of loan such as 7 years, 10 years, 25 years etc.

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

etc.

15 Where there is more than one drawal/repayment for a loan, the date & amount of each drawal/repayement may also be given seperately.

16 If the repayment instalment amount and recoverage design in a life of the repayment instalment amount and recoverage design.

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

<sup>&</sup>lt;sup>15</sup> In case of Foreign loan,date of each idrawal & recayment alongwith exchange rate at that date may be given.

<sup>&</sup>lt;sup>16</sup> Base exchange rato means the exchange rate prevailing as on 31.03.2004 for existing assets and as on COD for the remaining assets.

#### Details of Allocation of corporate loans to various projects

Name of the Company Name of the Power Station

## UP JAL VIDYUT NIGAM LIMITED OBRA HYDRO POWER PLANT

(% Crl **Particulars** Package3 Package4 Package5 Paukage7 Total Package 6 9 Source of Loan Currency Amount of Loan sanctioned ни Amount of Gross Loan drawn upto 31.03.2012/COD Interest Type Fixed Interest Rate, if applicable Base Rate, if Floating Interest Margin, if Floating Interest Are there any Caps/Floor If above is yes, specify caps/floor Moratorium Period Moratorium effective from Repayment Period Repayment effective from Repayment Frequency Repayment instalment Base Exchange Rate Name of the Projects

<sup>&</sup>lt;sup>16</sup> Base exchange rate means the exchange rate prevailing as on 31,03,2004 for existing assets and as on COD for the remaining assets.



<sup>&</sup>lt;sup>2</sup> Source of loan means the agency from whom the loan has been taken such as WB, ADB, WMB, PNB, SBI, ICICI, IFC, PFC etc.

<sup>&</sup>lt;sup>2</sup> Currency refers to currency of loan such as US\$, DM, Yen, notion 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 be given seperately in the same form.

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

<sup>&</sup>lt;sup>5</sup> Interest type means whether the interest is fixed or floating.

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

Margin means the points over and above the floating rate.

<sup>&</sup>lt;sup>19</sup> At times caps/floor are put at which the floating rates are frozen. If such a condition exists, specify the limits.

 $<sup>^{10}</sup>$  Moratorium period refers to the period during which loan servicing liability is not required.

 $<sup>^{11}</sup>$  Repayment period means the repayment of loan such as 7 years, 10 years, 25 years etc.

<sup>12</sup> Repayment frequency means the interval at which the debt servicing is to be done such as monthly, quarterly, half yearly, about a job

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

<sup>&</sup>quot;If the repayment instalment amount and repayment date can not be worked out from the data furnished above, the repayment schedule to be furnished seperately.

 $<sup>^{15}</sup>$  In case of Foreign loan,date of each, drawal & repayment alongwith exchange rate as that date may be given.

PART	-1	
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#### Statement of Additional Capitalisation after COD

Name of the Company Name of the Power Station For FY

#### UP JAL VIDYUT NIGAM LIMITED OBRA HYDRO POWER PLANT

			ACE Claimed (Actu	ial/ Projected)		i '		!
Sl.No.	Head of Work/ Equipment	Accrual basis	Undischarged Liability included in col. 3	Cash basis	IDC included in col. 3	Regulations under which claimed	Justification	Admitted Cost be the Commission if any
(1)	(2)	(3)	(4)	{5=3-4)	(6)	[7]	(8)	(9)
_					·		<u> </u>	
			NI <sub>2</sub>		<del></del>		 	
					N		<u>L</u>	
·	i		-	<del></del> -				
					·			
								<del></del>
	TOTAL		<del>        </del>				· 	

Note:

1 Fill the form in chronological order year wise along with detailed justification clearly bring out the necessity and the benefits accoung to the benefit aries.

2 In case initial spaces are purchased alongwith any equipment, then the cost of such spaces should be indicated separately, e.g. Rotor - 50 Crs. in tial spaces- 5 Crs.

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

Name of the Company Name of the Power Station

## UP JAŁ VIDYUT NIGAM LIMITED OBRA HYDRO POWER PLANT

SI.No.	Year	Work / Equipment added during last five years of useful life of each Unit/Station	Amount capitalised /Proposed to be capitalised (Rs Lakh)	Justification	Impact on life extension
(1)	(2)	(3)	(4)	(9)	(10)
(1)	2019-20	3-7	0.00		
	2020-21		0.00		
	2021-22		0.00		
1	2022-23	Procurement of 132 KV polymer CT (9 Nos.) & 132 KV PT (13 Nos.) for Obra HEP	58.36	Reduce breakdown time during fault and aging and enhancing the reliability of machine	Improved reliability of machine
	2022-23	TOTAL	58.36		
2	2023-24	Replacement of 17 Nos. of LT switchgear complete in all respect	48.15	Reduce breakdown time during fault and aging and enhancing the reliability of machine	Improved reliability of machine
3	2023-24	Supply and installation of 12 Nos. 132 KV isolator for machines & feeders	81.82	Plant starter during blackout time	during black out startup
4	2023-24	Procurement of 02 Nos. Rotor Poles	50.00	Controlled operation and automation	Controlled operation and automation
5	2023-24	Automation works of Intake Gate Panels of all 3 machines	30.00	Reduce breakdown time during fault and aging and enhancing the reliability of machine	Improved reliability
6	2023-24	Replacement of 132 KV main and reserve bus bar in switchyard.	60,00	Reduce breakdown time during fault and aging and enhancing the reliability of machine	improved reliability
7	2023-24	Supply and installation of 01 No. 320 KVA new DG set complete along with auto Synchronization panel	37.79	Reduce breakdown time during fault and aging and enhancing the reliability of machine	Improved reliability
8	2023-24	Automation & refurbishment works of 15 Nos. Tainter gates including supply of new C&I panels along with installation of CCTV Camera at Gates of Obra Dam	125.00	Reduce breakdown time during fault and aging and enhancing the reliability of machine	Improved reliability
			1		

#### Note:

1 Fill the form in chronological order year wise along with detailed justification clearly bring out the necessity and the benefits accruing to the beneficiaries.

2 in case initial spares are purchased alongwith any equipment, then the cost of such spares should be indicated separately. e.g. Rotor - 50 Crs. Initial spares- 5 Crs.

# Details of Assets De-capitalized during the period

Name of the Company
Name of the Power Station

# UP JAL VIDYUT NIGAM LIMITED OBRA HYDRO POWER PLANT

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)	
					· · · · ·
		NIL			-
					110 0000,1101,07 107
		TOTAL			

Note:

Year wise detail need to be submitted.

Pρ	IK I	-1
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Statement showing reconciliation of ACE claimed with the capital additions as per books

Name of the Company Name of the Power Station UP JAL VIDYUT NIGAM LIMITED OBRA HYDRO POWER PLANT

		I		<del></del> -		r
Sl.No.	Particulars	2014-15	2015-16	2016-17	2017-18	2018-19
(1)	(2)	(3)	(4)	(5)	(6)	(7)
	Clasing Gross Black					
·	Less: Opening Gross Block		NIL	<u> </u>		
	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)					1
	Net Additional Capital Expenditure Claimed		:			
	ALCONOMICS AND RECORD AND A CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CO			L		<del>'</del>

Note:

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

#### Statement showing items/assets/works claimed under Exclusions

Name of the Company Name of the Power Station COD

# UP JAL VIDYUT NIGAM LIMITED OBRA HYDRO POWER PLANT

			ACE Claimed und	der Exclusion	L. B. ARS WARRING B	
SI.No.	Head of Work/ Equipment	Accrual basis	Undischarged Liability included in col. 3	Cash basis	IDC included in col. 3	Justification
(1)	(2)	(3)	(4)	(5=3-4)	(6)	(9)
	ŀ					
		l .				
				-		
		NIL				
		l			1, , , ,	
<del>.</del>	1		+			

#### Note:

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

PART-I FORM-9E

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

Name of the Co Name of the Po

South Market Market

15 March 12 12

# UP JAL VIDYUT NIGAM LIMITED OBRA HYDRO POWER PLANT

Amount in Rs. Lakh

		Amount in Rs. Lakh
5. No.	Variables	As on Relevant Date
Α	Opening Gross Block Amount 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	NIL
	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 Gross Block Amount curing the period (Direct purchases)	
	Amount of capital liabilities in 8(a) above	
	Amount of IDC in B(a) above	
	Amount of FC in B(a) above	
	Amount of FERV in B(a) above	
	Amount of Hedging Cost in B(a) above	
•	Amount of IEDC in B(a) above	
c	Adoition in Gross Block Amount during the period (Transferred from CWIP)	
	Amount of capital liabilities in C(a) above	
	Amount of iDC in C(a) above	
	d) Amount of FC in C(a) above	
	e) Amount of FERV in C(a) above	
	f) Amount of Hedging Cost in C(a) above	
	g) Amount of IEDC in C(a) above	
D	a)Deletion in Gross Block Amount during the period	
	b) Amount of capital liabilities in D(a) above	
	c) Amount of iDC in D(a) above	
	d) Amount of FC in D(a) above	
	e) Amount of FERV in D(e) above	
	i) Amount of Hedging Cost in D(a) above	
	g) Amount of IEDC in D(a) above	
É	a)Closing Gross Block Amount as per books	
	b) Amount of capital liabilities in E(a) above	
	c) Amount of IDC in E(a) above	
	d) Amount of FC in E(a) above	
	e) Amount of FERV in E(a) appve	
	f) Amount of Hedging Cost in E(a) above	
	g) Amount of IEOC in E(a) above	

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



PART-I	
FORM-9F	

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

Name of the Co Name of the Po

# UP JAL VIDYUT NIGAM LIMITED OBRA HYDRO POWER PLANT

Amount in Rs. Lakh

C N1	11-7-6-1	Amount in Rs. Lakh
S. No.	Variables	As on Relevant Date
A	Opening CWIP as per books	
	Amount of capital liabilities in A(a) above	NIL
	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	
	Amount of capital liabilities in B(a) above	
	Amount of IDC in B(a) above	
	Amount of FC in B(a) above	
	Amount of FERV in B(a) above	
	Amount of Hedging Cost in B(a) above	
	Amount of IEDC in B(a) above	
C	Transferred to Gross Block Amount during the period	
	Amount of capital liabilities in C(a) above	
	Amount of IDC in C(a) above	
	Amount of FC in C(a) above	
	Amount of FERV in C(a) above	
	Amount of Hedging Cost in C(a) above	
	Amount of IEDC in C(a) above	
D	a)Deletion in CWIP during the period	<del>-:</del>
	b) Amount of capital liabilities in D(a) above	
	c) Amount of IDC in D(a) above	
	d) Amount of FC in D(a) above	
	e) Amount of FERV in D(a) above	
	f) Amount of Hedging Cost in D(a) above	
	g) Amount of IEDC in D(a) above	
E	a)Closing CWIP as per books	
	b) Amount of capital liabilities in E(a) above	
	c) Amount of IDC in E(a) above	
	d) Amount of FC in E(a) above	
•	e) Amount of FERV in E(a) above	
	f) Amount of Hedging Cost in E(a) above	
	g) Amount of IEDC in E(a) above	

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



	A CONTROL OF THE STATE OF THE STATE OF THE STATE OF Additional Capitalisation			inancing of Addi	tional Capitalisa					FORM-10  St. St. St. St. St. St. St. St. St. St.
Name of the Company Name of the Power Station Date of Commercial Operation					UP JAL VIDYU OBRA HYDR	UP JAL VIDYUT. NIGAM! LIMITED OBRA HYDRO POWER PLANT	ED			
	Actual					Admitted			Amount in Rs Lakh	:
Financiał Year (Starting from COD)'	Year I	Year 2	Year3	Year4	Year 5 & so on	Year 1	Year 2	Year3	Year4	Year 5 & so on
· · · · · · · · · · · · · · · · · · ·	2	3	4	ın		7	œ	6	10	11
Amount Captalized in Work/Equipment										
Financing Details										
Loen 1		NIE								
tosn-2										
Loan-3 and so on										
lotal Loan:										
Equity										
Internal Resources						-				
Others (Pi, specify)										
Total										
Note: 1. Year 1 refers to Financial Year of COD and Year 2, Year 3 etc. are the subsequent financial years respectively.	and Year 2; Year 3 et	lanbaschs ett ere p	nt 'inancial years re	espective'y.					سر	
2. Loan detais for meeting the additional capitalisation requirement should be given as per FORM-7 or 8 whichever is relevant.	tional capitalisation	requirement shor	uld be given as pé	er FORM-7 or 8 wh	dichever is relevar	÷			Portition	
					-					

on the tage of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the c

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A SEWELL SALES

Name of the Company Name of the Power Station

#### UP JAL VIDYUT NIGAM LIMITED **OBRA HYDRO POWER STATION**

(Amount in Rs Crore)

				FY 2018-19		
Sl.No.	Name of the Asset <sup>l</sup>	Gross Block as on 31.03.2018 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)			(3)	4= Col.2 X Col.3
1	Land & Land Rights	0.03			0.00%	-
2	Temporary Structure	-			2.57%	-
3	Buildings	0.63			2.57%	0.02
4	hydraulic Works	10.90			1.80%	0.20
5	Other Civil works	0.23			2.57%	0.01
б	Plant & Machinery	6.61	58.80		2,57%	0.93
7	Lines, Cables, Networks Etc.	-			6.00%	-
8	Vehicles	0.15			18.00%	0.03
9	Furniture & Fixtures	0.07	W.W \1 W.W.		6.00%	0.00
10	Office Equipments	0.06			6.00%	0.00
11	Capital Spares at Generating Stations	0.03			2.57%	0.00
12	E-ectric Equipments		-		2.57%	
13	Survey Equipments	-		·	2.57%	-
14	Tools & Tackles	C.03	****** v		2.57%	0.00
15	Electric Installation	0.00			2.57%	0.00
16	Stee: Shuttering	-			3.60%	-
17	Library Book	0.00			2.57%	0.00
18	Wooden Frames				18.00%	-
19	Wireless Set	*			3.60%	<u> </u>
20	Computers	0.03			2.57%	0.00
	TOTAL	18.79	58.80	-	3.59%	1.73
	Weighted Average Rate of Depreciation (%)					

<sup>\*</sup>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.

Name of the Company Name of the Power Station

# UP JAL VIDYUT NIGAM LIMITED OBRA HYDRO POWER STATION

(Rs in Crore)

FY 2019-20

Sl.No.	Name of the Asset'	Gross Block as on 31.03.2018 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)			(3)	4= Col.2 X Col.
1	Land & Land Rights	0.03				<u>-</u>
2	Temporary Structure	-			100.00%	<u> </u>
3	Bulldings	0.63			3.34%	0.0
4	hydraulic Works	10.90			5.83%	0.6
5	Other Civil works	0.23		j 	3.34%	0.0
6	Plant & Machinery	65.41	-		5.83%	3.8
7	Lines, Cables, Networks Etc.	-			5.83%	
8	Vehicles	0.15			5.83%	0.0
9	Furniture & Fixtures	0.07	1		6.33%	0.
10	Office Equipments	0.06			6.33%	0.
11	Capital Spares at Generating Stations	0.03			5.83%	0.0
12	Electric Equipments	-			5.83%	-
13	Survey Equipments				5.83%	
14	Tools & Tackles	0.03			5.83%	
15	Electric Installation	0.00			5.83%	0.
16	Steel Shuttering	<u>.</u>			5.83%	
17	Library Book	0.00			5.83%	
18	Wooden Frames			<u> </u>	100.00%	· · · · · · · · · · · · · · · · · · ·
19	Wireless Set	-	ļ		6.33%	^
20	Computers	0.03			6.33%	0.
- "-	TOTAL	77.59	-		5.80%	4.
	Weighted Average Rate of Depreciation (%)					

\*Provide details of Freehold land and Lease hold land separately

#### Note:

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

l Length of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the

Name of the Company Name of the Power Station

# UP JAL VIDYUT NIGAM LIMITED OBRA HYDRO POWER STATION

(Rs in Crore)

FY 2020-21

				FY 2020-21		
Sì.No.	Name of the Asset¹	Gross Block as on 31.03.2018 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)			(3)	4= Col.2 X Col.3
1	Land & Land Rights	0.03			-	-
2	Temporary Structure	-			100.00%	-
3	Buildings	0.63			3.34%	0.03
4	hydraulic Works	10.90			5.83%	0.6
5	Other Civil works	0.23			3.34%	0.0
6	Plant & Machinery	65.41	-		5.83%	3.83
7	Lines, Cables, Networks Etc.	-			5.83%	-
8	Vehicles	0.15			5.83%	0.0
9	Furniture & Fixtures	0.07			6.33%	0.0
10	Office Equipments	0.06			6.33%	0.0
11	Capital Spares at Generating Stations	0.03			5.83%	0.0
12	Electric Equipments	-			5.83%	-
13	Survey Equipments	•			5.83%	
14	Tools & Tackles	0.03			5.83%	
15	Electric Installation	0.00		,	5.83%	·
16	Steel Shuttering	-			5.83%	
17	Library Book	0.00			5.83%	
18	Wooden Frames	-			100.00%	
19	Wireless Set				6.33%	-
20	Computers	0.03			6.33%	0.0
	TOTAL	77.59	-	-	5.80%	4.5
	Weighted Average Rate of Depreciation (%)					

<sup>\*</sup>Provide details of Freehold land and Lease hold land separately

#### Note

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

Name of the Company Name of the Power Station

# UP JAL VIDYUT NIGAM LIMITED OBRA HYDRO POWER STATION

(Rs in Crore)

FY 2021-22

SI.No.	Name of the Asset <sup>t</sup>	Gross Block as on 31.03.2018 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)			(3)	4= Col.2 X Col.
1	Land & Land Rights	0.03			-	
2	Temporary Structure	-			100.00%	
3	Buildings	0.63			3.34%	0.0
4	hydraulic Works	10.90			5.83%	0.6
5	Other Civil works	0.23			3.34%	0.0
6	Plant & Machinery	65.41	-		5.83%	3.8
7	Lines, Cables, Networks Etc.	-			5.83%	-
8	Vehicles	0.15			5.83%	0.0
9	Furniture & Fixtures	0.07			6.33%	0.0
10	Office Equipments	0.06			6.33%	0.0
11	Capital Spares at Generating Stations	0.03			5.83%	0.0
12	Electric Equipments	-			5.83%	-
13	Survey Equipments	-			5.83%	
14	Tools & Tackles	0.03			5.83%	
15	Electric Installation	0.00			5.83%	
16	Steel Shuttering	-			5.83%	<del></del>
17	Library Book	0.00			5.83%	
18	Wooden Frames		<u> </u>	<u> </u>	100.00%	
19	Wireless Set	-			6.33%	·
20	Computers	0.03			6.33%	0.
	TOTAL.	77.59	-	-	5.80%	4.
	Weighted Average Rate of Depreciation (%)					

\*Provide details of Freehold land and Lease hold land separately

#### Note:

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

্ শৈ Petitioner

Name of the Company Name of the Power Station

# UP JAL VIDYUT NIGAM LIMITED OBRA HYDRO POWER STATION

(Rs in Crore)

				FY 2022-23		
SI.No.	Name of the Asset¹	Gross Block as on 31.03.2018 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)			(3)	4= Col.2 X Col.3
1	Land & Land Rights	0.03			-	-
2	Temporary Structure	•			100.00%	
3	Buildings	0.63			3.34%	0.0
4	hydraulic Works	10.90			5.83%	0.6
5	Other Civil works	0.23			3.34%	0.0
6	Plant & Machinery	65.41	0.58		5.83%	3.8
7	Lines, Cables, Networks Etc.	-			5.83%	<u>-</u>
8	Vehicles	0.15			5.83%	0.0
9	Furniture & Fixtures	0.07			6.33%	0.0
10	Office Equipments	0.06			6.33%	0.0
11	Capital Spares at Generating Stations	0.03			5.83%	0.0
12	Electric Equipments	-			5.83%	-
13	Survey Equipments				5.83%	
14	Tools & Tackles	0.03			5.83%	ļ. <del></del> -
15	Electric Installation	0.00			5.83%	<del></del>
16	Steel Shuttering	·			5.83% 5.83%	
17	Library Book	0.00		<u></u>	100.00%	
18	Wooden Frames				6.33%	
19	Wireless Set				0.5570	<u> </u>
20	Computers	0.03			6.33%	0.0
41/4	TOTAL	77.59	0.58	-	5.80%	4.9
	Weighted Average Rate of Depreciation (%)					

<sup>\*</sup>Provide details of Freehold land and Lease hold land separately

#### Note:

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

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Name of the Company Name of the Power Station

# UP JAL VIDYUT NIGAM LIMITED OBRA HYDRO POWER STATION

(Rs in Crore)

FY 2023-24

Sl.No.	Name of the Asset <sup>1</sup>	Gross Block as on 31.03.2018 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)			(3)	4= Col.2 X Col.
1	Land & Land Rights	0.03			-	-
2	Temporary Structure	-			100.00%	
3	Buildings	0.63			3.34%	0.0
4	hydraulic Works	10.90			5.83%	0.0
5	Other Civil works	0.23			3.34%	0.0
6	Plant & Machinery	66.00	4.33		5.83%	3.
7	Lines, Cables, Networks Etc.	-			5.83%	•
8	Vehicles	0.15			5.83%	0.
9	Furniture & Fixtures	0.07			6.33%	0.
10	Office Equipments	0.06			6.33%	_0.
11	Capital Spares at Generating Stations	0.03			5.83%	0.
12	Electric Equipments	-			5.83%	
13	Survey Equipments	-			5.83%	
14	Tools & Tackles	0.03			5.83%	
15	Electric Installation	0.00			5.83%	
16	Steel Shuttering	<u>-</u>			5.83%	
17	Library Book	0.00			5.83%	
18	Wooden Frames	-	<u> </u>		100.00%	
19	Wireless Set				6.33%	
20	Computers	0.03			6.33%	0
	TOTAL	78.17	4.33		5.80%	4
	Weighted Average Rate of Depreciation (%)					

<sup>\*</sup>Provide details of Freehold land and Lease hold land separately

#### Note:

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

#### Statement of Depreciation

Name of the Company Name of the Power Station

# UP JAL VIDYUT NIGAM LIMITED OBRA HYDRO POWER PLANT

(Amount in Rs Crore)

S. No.	Particulars	2018 19	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7	8
	Opening Capital Cost	18.79	77.59	77.59	77.59	77.59	78.17
	Closing Capital Cost	77.59	77.59	77.59	77.59	78.17	82.50
	Average Capital Cost	48.19	77.59	77.59	77.59	77.88	80.33
	Freehold land			Ì			
	Rate of depreciation	3.59%	5.80%	5.80%	5.80%	5.80%	5.80%
	Depreciable value	43.37	69.83	69.83	69.83	70.09	72.30
	Balance useful life at the beginning of the period	20	19	18	17	16	15
	Remaining depreciable value	43.37	49.69	45.19	40.69	36.45	34.14
	Depreciation (for the period)	1.73	4.50	4.50	4.50	4.52	4.66
	Depreciation (annualised)	1.73	4.50	4.50	4.50	4.52	4.66
	Cumulative depreciation at the end of the period	20.14	24.64	29.14	33.64	38.16	42.82
	Less: Cumulative depreciation adjustment on account of un-discharged liabilities deducted as on 01.04.2009/Station COD						
•	Less: Cumulative depreciation adjustment on account of de-capitalisation						
	Net Cumulative depreciation at the end of the period	20.14	24.64	29.14	33.64	38.16	42.82

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

#### FORM- 13 Calculation of Weighted Average Rate of Interest on Actual Loans<sup>1</sup>

Name of the Company
Name of the Power Station

# UP JAL VIDYUT NIGAM LIMITED OBRA HYDRO POWER PLANT

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

#### Note:

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



# Calculation of Interest on Normative Loan

Name of the Company Name of the Power Station

# UP JAL VIDYUT NIGAM LIMITED OBRA HYDRO POWER PLANT

(Amount in Rs Crore)

	(*************************************								
S. No.	Particulars	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24		
3. 110.	2	3	4	5	6	7	8		
	Gross Normative loan – Opening								
	Cumulative repayment of Normative loan upto previous year								
	Net Normative loan - Opening	0.00	39.43	34.93	30.43	25.93	21.82		
	Add: Increase due to addition during the year / period	41.16	0.00	0.00	0.00	0.41	3.03		
<u></u>	Less: Repayment during the year	1.73	4.50	4.50	4.50	4.52	4.66		
	Less: Decrease due to reversal during the year / period	0.00	0.00	0.00	0.00	0.00	0.00		
	Add: Increase due to discharges during the year / period								
	Net Normative loan - Closing	39.43	34.93	30.43	25.93	21.82	20.19		
	Average Normative loan	19.72	37.18	32.68	28.18	23.87	21.00		
	Weighted average rate of interest	12.25%	12.25%	12.25%	12.25%	12.25%	12.25		
	Interest on Loan	2.42	4.55	4.00	3.45	2.92	2.57		

# Calculation of interest on Working Capital

Name of the Company Name of the Power Station

# UP JAL VIDYUT NIGAM LIMITED OBRA HYDRO POWER PLANT

S. No.	Particulars	Existing 2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7	8
	O & M expenses for the year	15.64	16.68	17.79	18.97	20.23	21.57
	O & M Expenses	1.30	1.39	1.48	1.58	1.69	1.80
	Maintenance Spares	2.35	2.50	2.67	2.85	3.03	3.24
	Receivables	3.84	3.72	3.80	3.89	3.99	4.15
	Total Working Capital	7.49	7.61	7.95	8.31	8.71	9.18
	Rate of Interest	13.50%	13.50%	13.50%	13.50%	13.50%	13.50%
	Interest on Working Capital	1.01	1.03	1.07	1.12	1.18	1.24

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# FORM- 13C

Name of the Company Name of the Power Station

#### UP JAL VIDYUT NIGAM LIMITED OBRA HYDRO POWER PLANT

S. No.	Particulars	Existing 2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
1	interest on Loans and advance						
2	interest received on deposits						
3	Income from Investment		NIL				
4	income from sale of scrap				7,7,7,7,7,7,7,7,7,7,7,7,7,7,7,7,7,7,7,7,		
5	Rebate for timely payment						
6	Surcharge on late payment from beneficiar es						
7	Rent from residential building	<i>‡</i>					
8	Misc. receipts (Please Specify Details)	ì				4	

PART-I FORM-13D

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

Name of the Company Name of the Power Station

# UP JAL VIDYUT NIGAM LIMITED OBRA HYDRO POWER PLANT

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

PART-I IORM-14

#### Draw Down Schedule for Calculation of IDC & Financing Charges

Name of the Petitioner

UP JAIL VIDYUT INGAM JAMITED OBRA HYDRO POWER PLANY

Name of the Petitioner				JAL VIDYUT NIC		)				
Name of the Generating St		<u> </u>		CO ORDYH ARBO				T21		A
SI. No.	Draw Down Particulars	Quarter 1 Quantum in Foreign currency	Rate on draw	Amount in Indian Rupee (Rs Lakh)	Quarter 2 Quantum in Foreign currency	Exchange Rate on draw	Amount in Indian Rupee (Rs			Amount in Indian Rupee (R
	:			i I		down	Lakin)		cown	Lakh)
1	Loans .	<u> </u>		<u>}</u>		date	ļ	₹ <del></del>	øa <u>te</u>	<del> </del>
1	Foreign Loans							<del>!</del>	<del>                                     </del>	<u> </u>
			MIL		İ	İ				
1.1.1	Foreign Loan' Draw down Amount				<u> </u>	<del>!</del>	<del> </del>	e Transport	ļ	<u> </u>
	IDC	<del></del>				<del>i</del>			<del> </del>	:
	Financing charges								1	Ī
	Foreign Exchange Rate			! !					1	:
	Variation Hedging Cost				-	:	!	<del></del>	<u> </u>	
							<del></del>			
1.1.2	Foreign Loan? Draw down Amount	<u> </u>			<u> </u>			<u> </u>	<u> </u>	
	FDC					·	<del> </del> -	ł	<u></u>	<b>~</b>
	Financing charges					•				
	Foreign Exchange Rate									:
	Variation Hedging Cost						<b></b>			** *** ***
								<u> </u>		<u> </u>
1.1.3	Foreign Loan3						ļ			
	Craw cown Amount	1						<del> </del>	<del>                                     </del>	<del>:</del>
<u> </u>	IDC				<del>                                     </del>	<del> </del>	t	<del>├</del> ───	<del> </del>	<del>!</del>
	Financing charges									
	Enreign Exchange Rate					:				
	Variation Hedging Cost		<u> </u>			· 	<del> </del>	<del> </del>	<b></b>	
					<u> </u>					<u> </u>
1.1.4		ļ	<u> </u>		ļ	<u> </u>	<u> </u>	<u> </u>		
		<del></del>				<del> </del>	<del>:</del> -	<del> </del>		<u> </u>
/···						<u> </u>	·	<u></u>	İ	<u> </u>
11.	Total Foreign Loans	ļ					:		i —	<u> </u>
1 1.	Draw down Amount	<del></del>			+		:	<del> </del>	<del> </del>	
	IDC									<u> </u>
	Financing charges	<u> </u>			<u> </u>	<u></u>	· .	L	ļ	ļ
	Foreign Exchange Rate Variation									
	Hedging Cost	1				1	<del>                                     </del>	<del> </del>	i .	
		1					ļ	~~~~		ļ
1.	Indian Kuans	i			<del> </del>		<del>                                     </del>			<del> </del>
1 3 1	Indian Ioan'						İ		i	<u> </u>
	Draw down	<del></del>		Amount						
	IDC charges			Financing	<del></del>	<u> </u>	·		ļ <u>-</u>	<u> </u>
	Cubiges			rinancing		<del>                                     </del>		÷ - · · · · · · · · · · · · · · · · · ·		ļ
1.2.2	Indian Loan2									i
	Draw down Amount						-	<u> </u>		!
	! DC				1	i	· · · · · · · · · · · · · · · · · · ·	<u></u>		<del>                                     </del>
	Financing			charges						T
2,2,3	indian toan3			1 may no	<del> </del>	<u> </u>		<u> </u>		ļ
	Draw down			Amount	1	<del> </del>	<del>                                     </del>	<u> </u>		-
	ê nanci ng			charges	477X			·	-	<u> </u>
- > 4					ļ				ļ	
1.24		<del> </del>			17	-				<u>:</u>
	,	<u> </u>			:			<u> </u>		
	Late to the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control o				-	ļ	ļ <del></del>			
	Total Indian Loans Draw down			Amount	<u> </u>		<del>                                     </del>	<del> </del>		
	DE DE				I		····			<del></del>
	charges			Silnancing					. –	ļ
	Total of Loans drawn	-		<u> </u>	1		<del> </del>	<u> </u>	· :	<del> </del>
	DC DC	1		-	<del> </del>		<del>                                     </del>	<u> </u>	<del></del>	†
-	Amancing charges									<u> </u>
	Foreign Exchange Rate				!		· · · · ·			
	Variation Heaging Cost		· · ·———		<u> </u>	<u> </u>	: :	<u></u>	<u></u>	-
	1200118 703			-			<u></u>	<u>                                     </u>		
										q
2	Equity						ļ	ļ		
2	Equity Foreign equity drawn							<u> </u>		

SI, No.	Draw Down	Quarter 1	Quarter 1			Quarter 2			Quarter n (COD)		
	Particulars	Quantum in	Exchange	Amount in	Quantum	Exchange	Amount	Quantum	Exchange	Amount	
		Foreign	Rate on draw	Indian Rupee	in Foreign	Rate on	in Indian	in Foreign	Rate on	in Indian	
		currency	down date	(Rs Lakh)	currency	draw	Rupee (Rs	currency	draw	Rupee (R)	
		1		ľ	'	down	Lakir)		down	Lakh)	
				1		date	i i		date		
	2.2 Indian equity drawn		I								
	Total equity	····			<del> </del>	***************************************		<u>.</u>			
	de a cyeri .			[			i				
Vote.			•		'						
I: Drawal of debt and equity shall	be on parabassubasis quarter wise to	meet the commissio	omęschedule. Ora	wallof higher equal	ly in the begin	ring is period	351010				
	ing reset dates used for above compa		eti separately								
B: In case of multi-unit project def	wils of capitalization ratio used to be t	birn shed							į		
									· · · · · · · · · · · · · · · · · · ·		

 $(x_1,\dots,x_n)\in G_{n-1}(\mathbb{R}^n)$ 

PART-I	
FORM- 14A	ļ

# Actual Cash Expenditure

Name of the Company Name of the Power Station

# UP JAL VIDYUT NIGAM LIMITED OBRA HYDRO POWER PLANT

		(Amount in Rs. Lakh				
Particulars	Quarter-I	Quarter-II	Quarter-III	Quarter- n (COD)		
Payments to contractors / suppliers	;	<u> </u>	<del></del>	-		
towards canital assets						
% of fund deployment		NIL				

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

#### PART-I FORM- 15 B

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

Name of the Company Name of the Power Station:

all seeds of the

# UP JAL VIDYUT NIGAM LIMITED OBRA HYDRO POWER PLANT

Month	Unit	Design Energy	Designed Peaking Capability (MW)
April			
	3		
	Total	22.93	:
May	1		
			<u> </u>
	Total	23.70	
June		23.70	<u> </u>
nue	<u>l</u>		
	11		<u> </u>
	Total	22.93	
July	<u> </u>		
	<u>                                     </u>		<u></u>
	Total	23.70	
August			
	!		
	Total	23.70	
eptember		25,70	
	II		
	111		
	Total	22.93	
October	<u>I</u>		
	11	<del>-  </del>	<u> </u>
		33.70	
November	Total	23.70	<u> </u>
NOVEL:IDEL			
	Total	22.93	; ;
December	l	22.73	<u></u> _
200.11001	ŢĮ	······	
	;		
	Total	23.70	<u></u>
January	1		· · · · · · · · · · · · · · · · · · ·
:	ll l		
:	l[		0.2
	Totai	23.70	
February	!	:	
	li		·
	HI		
"	Total	21.40	
March	[		
	[]		
	·		ř
	Total	23.70	1
			Petitioner

#### PART-I FORM- 15 B

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

Name of the Company Name of the Power Station: UP JAL VIDYUT NIGAM LIMITED OBRA HYDRO POWER PLANT

Month	Unit	Design Energy	Designed Peaking Capability (MW)*
April			
		NIL	
	III		
May	1		
	Ш		
June	1		
	111		
July			
	II		
	III		

PART-I	
FORM-16	

# Liability Flow Statement

Name of the Company Name of the Power Station:

UP JAL VIDYUT NIGAM LIMITED
OBRA HYDRO POWER PLANT

Party	Asset/Work	Year of Actual Capitalisation	Original Liability	Liability as on 31.03.2014	Discharges (Yearwise)	Reversal (Yearwise
	NIL					
				<u> </u>		

# Appendix-I

# TARIFF FILING FORMS KHARA HYDRO POWER STATION

#### Summary Sheet

Name of the Company Name of the Power Station: UP JAL VIDYUT NIGAM LIMITED KHARA HYDRO POWER PROJECT State: UTTAR PRADESH

Region

S. No.	Particulars		2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
1	2		3	4	5	6	7	8
1.1	Depreciation	Rs Crore	5.31	14.03	14.46	14.86	8.70	9.37
	Interest on Loan	Rs Crore	2.39	1.41	0.77	0.46	0.00	0.00
1.3	Return on Equity:	Rs Crore	11.40	11.07	11.65	12.20	12.38	12.66
1,4	Interest on Working Capital	Rs Crore	1.01	0.99	1.03	1.08	1.01	1.07
1.5	O & M Expenses	Rs Crore	10.36	11.05	11.78	12.56	13.40	14.29
	Total		30.47	38.54	39.70	41.17	35.50	37.38

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

John

# Statement Showing Claimed Capital Cost

Name of the Company Name of the Power Station: Region

**UP JAL VIDYUT NIGAM LIMITED** KHARA HYDRO POWER PROJECT State: UTTAR PRADESH

S. No.	Particulars	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
1	1 2	3	4	5	6	7	8
_	Opening Capital Cost	245.27	245.27	246.91	271.07	271.07	279.37
	Add: Addition during the year / period	0.00	1.64	24.16	0.00	8.30	3.91
	Less: Decapitalisation during the year / period	0.00	0.00	0.00	0.00	0.00	0.00
••	Less: Reversal during the year / period						
•	Add: Discharges during the year / period						
	Closing Capital Cost	245.27	246.91	271.07	271.07	279.37	283.28
	Average Capital Cost	245.27	246.09	258.99	271.07	275.22	281.33

# FORM-1 (II) Statement Showing Return on Equity

Name of the Company Name of the Power Station: Region

UP JAL VIDYUT NIGAM LIMITED KHARA HYDRO POWER PROJECT State: UTTAR PRADESH

S. Na.	Particulars	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7	8
	Opening Equity	73.58	73.58	74.07	81.32	81.32	83.81
	Add: Increase due to addition during the year / period	0.00	0.49	7.25	0.00	2.49	1.17
	Less: Decrease due to de-capitalisation during the year / period	0.00	0.00	0.00	0.00	0.00	0.00
	Less: Decrease due to reversal during the year / perlod						
	Add: Increase due to discharges during the year / period	· ·					
	Closing Equity	73.58	74.07	81.32	81.32	83.81	84.99
	Average Equity	73.58	73.83	77.70	81.32	82.57	84.40
	Rate of ROE	15.50%	15.00%	15.00%	15.00%	15.00%	15.00%
	Return on Equity	11.40	11.07	11.65	12.20	12.38	12.66

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

Name of the Company: Name of the Power Station : UP JAL VIDYUT NIGAM LIMITED KHARA HYDRO POWER PROJECT

	Unit	Existing 2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
Installed Capacity ( MW)	MW	/2.00	72.00	72.00	72.00	72.00	72.00
Free power to home state	%	0%	0%	0%	0%	0%	0%
Date of commercial operation (actual/anticipated)							
a. Unit-1		29-12-92	29-12-92	29-12-92	29-12-92	29-12-92	29-12-92
b. Unit-2		30-12-92	30-12-92	30-12-92	30-12-92	30-12-92	30-12-92
ç. Unit-3		31-12-92	31-12-92	31-12-92	31-12-92	31-12-92	31-12-92
Type of Station							
a) Surface/underground		Surface	Surface	Surface	Surface	Surface	Surface
b ) Purely ROR/ Pondage/Storage		ROR	ROR	ROR	ROR	ROR	ROR
c ) Peaking/non-peaking		Peaking	Peaking	Peaking	Peaking	Peaking	Peaking
d ) No. of hours of peaking							
e ) Oversoad capacity(MW) & period							
Type of excitation							
a) Rotating exciters on generator		Static	Static	Static	Static	Static	Static
b) Static excitation	<b>T</b>	Static	Static	Static	Static	Static	Static
Design Energy (Annual)	MŲ	385	385	385	385	385	385
Auxiliary Consumption including Transformation losses	%	1%	1%	1%	1%	1%	1%
Normative Plant Availability Factor (NAPAF)	%	85	85	85	85	85	85
Maintenance Spares for WC	INR Crores	1.55	1.66	1.77	1.88	2.01	2.14
Receivables for WC	INR Crores	5.08	4.74	4.89	5.08	4.38	4,60
Base Rate of Return on Equity	%	15%	15%	15%	15%	15%	15%
SBI Base Rate + 350 basis points as on 2	%	12.25%	12.25%	12.25%	12,25%	12.25%	12.25%
						Petitioner	

#### PART-I FORM-3

#### Salient Features of Hydroelectric Project

Name of the Company Name of the Power Station UP JAL VIDYUT NIGAM LIMITED KHARA HYDRO POWER PROJECT

Name of the Power Station	KHARA H	1					
1. Location							
State/Distt.	UP/Shahrenpur						
River	Tonk						
2. Diversion Tunnel							
Size, shape	10.5 meter						
Length (M)	1						
3. Dam							
Туре							
Maximum dam height (M)	:						
4. Spillway	· · · · · · · · · · · · · · · · · · ·						
Туре							
Crest level of spillway (M)	1						
5. Reservoir							
Full Reservoir Level (FRL) (M)							
Minimum Draw Down Level (MDDL) (M)		- 111					
Live storage (MCM)							
6. De-silting Chamber							
Туре							
Number and Size							
Particle size to be removed(mm)							
7. Head Race Tunnel							
	+						
Size and type	-						
Length (M)	+						
Design discharge(Cumecs)							
8. Surge Shaft							
Туре	<u></u>						
Diameter (M)							
Height (M)	<u> </u>						
9. Penstock/Pressure shafts	-						
Туре							
Diameter & Length (M)							
10. Power House							
Installed capacity (No of units x MW)	72 (3x 24 MW)						
Type of turbine	Francis						
Rated Head(M)	42.6 meter						
Rated Discharge(Cumecs)	198.3 cumecs						
Head at Full Reservoir Level (M)							
Head at Minimum Draw down Level (M)							
MW Capability at FRL							
MW Capability at MDDL							
11. Tail Race Tunnel/Channel							
Diameter (M) , shape							
Length (제)							
Minimum tail water level (M)							
12. Switchyard							
Type of Switch gear							
No. of generator bays	3						
No. of Bus coupler bays	1						
No. of line bays	<del></del>						

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

Amount (Rs. Lakh) PART-I Exchange 17 Year 3 Currency) Amount Date Foreign 11 9 Amount (Rs. Lakh) UP JAL VIDYUT NIGAM LIMITED KHARA HYDRO POWER PROJECT Exchange Rate Year 2 Currency) (Foreign Amount Details of Foreign loans (Details only in respect of loans applicable to the project under petition) Date φ Amount 'n Lakh) Amount (Foreign Exchange Rate Year 1 Currency) Ħ Date At the date of Drawl or at the beginning to the year of the period  $^{\circ}$ At the date of Drawl or at the beginning to the year of the period  $^{2}$ Exchange Rate at COD or 31.03.2004, whichever is later Scheduled repayment date of principal Scheduled repayment date of principal Scheduled payment date of interest Scheduled payment date of interest Exchange Rate as on 31.03.2014 Financial Year (Starting from COD) Name of the Power Station At the end of Financial year At the end of Financial year Name of the Company At the date of hedging At the date of hedging In case of Hedgings In case of Hedgings Currency31 & so on Period of hedging Period of hedging Cost of hedging Cost of hedging Currency2<sup>1</sup> 103

Financial rear (starting from COD)		Year 1				Υe	Year 2			Year 3	ęή	
7	2	3	4	5	6	7	80	6	10	11	12	13
	Date	Amount (Foreign Exchange (Rs. Currency) Rate Lakh)	Exchange Rate	Amount (Rs. Lakh)	Jate	Amount (Foreign Currency)	eign Exchange (Rs. Date (Foreign Rate Lakh)	Amount (Rs. Lakh)	Date (Fo	reign Ra	<u> </u>	Amount (Rs. Lakh)
At the date of Drawl or at the beginning to the year of the period 2												
Scheduled repayment date of principal												
Scheduled payment date of interest												
At the end of Financial year												

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

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In case of more than one drawl during the year, Exchange rate at the date of each drawl to be given.

Furnish details of hedging, in case of more thanone hedging during the year or part hedging, details of each hedging are to be given

Tax (such as withholding tax) details as applicable including change in rates, date from which change effective etc. must be clearly indicated.

FORM-4 (A) Details of Foreign Equity	74	PART-I
A COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE COUNTY OF THE	TOTA	DRM- 4 (A)

Name of the Company Name of the Power Station Exchange Rate as on 31.03.2014

# UP JAL VIDYUT NIGAM LIMITED KHARA HYDRO POWER PROJECT

Financial Year (Starting from COD)		Year 1				λ	Year 2				Year 3	
1	2	m	4	'n	ဖ	7	œ	6	10	11	12	13
	Date	Amount (Foreign Currency)	Exchange Amount Date (Rs. Lakh)	Amount (Rs. Lakh)		Amount (Foreign Currency)	Exchange Rate	Exchange Amount Date (Foreign Rate (Rs. Lakh)	Date (	Amount (Foreign Currency)	Exchange Amount Rate (Rs. Lakh	Amount (Rs. Lakh)
Currency1 <sup>1</sup>												
At the date of infusion2		NIL										
										:		
Currency2 <sup>2</sup>										:		
At the date of infusion:												
								:				
Currency3 <sup>1</sup> & so on												
At the date of infusion2												
*												

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

<sup>2</sup> Furnish details of hedging, in case of more thanone hedging during the year or part hedging, details of each hedging are to be given

#### PART-I FORM-5

# Abstract of Admitted Capital Cost for the existing Projects

Name	of the	Company:	
Name	of the	<b>Power Station</b>	

UP JAL VIDYUT NIGAM LIMITED KHARA HYDRONPOWER PLANT

Capital Cost as admitted by UPERC

	Capital Cost as admitted by UPERC	
а	Capital cost admitted as on	
	(Give reference of relevant UPERC Order with Petition No.& Date)	
b	Foreign Component, if any (In Million US \$ or the relevant currency)	
С	Foreign Exchange rate considered for the admitted Capital cost (Rs Lakh)	NIL
d	Total Foreign Component (Rs. Lakh)	
e	Domestic Component (Rs. Lakh.)	
f	Hedging cost, if any, considered for the admitted Capital cost (Rs Lakh)	
	Total Capital cost admitted (Rs. Lakh) (d+e+f)	

#### Abstract of Capital Cost Estimates and Schedule of Commissioning for the New projects

Name of the Company: Name of the Power Station: UP JAL VIDYUT NIGAM LIMITED KHARA HYDRO POWER PROJECT

NIL

New Projects

Capital Cost Estimates

Board of Director/ Agency approving the Capital cost						
estimates: Date of approval of the Capital cost estimates:				•		
Date of approval of the capital cost estimates.	Present I	Completed Cost				
Price level of approved estimates			the As on Scheduled COD of the Station			
Foreign Exchange rate considered for theCapital cost estimates						11111
Capital Cost excluding IDC & FC						
Foreign Component, if any (In Million US \$ or the relevant Currency)		NIL				
Domestic Component (Rs. Cr.)						
Capital cost excluding IDC & FC (Rs. Cr)						
IDC & FC						
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				<b></b>		
Capital cost Including IDC & FC						
Foreign Component, if any (In Million US \$ or the relevant Currency)						
Domestic Component (Rs. Cr.)						
Capital cost Including IDC & FC (Rs. Cr)						
Schedule of Commissioning						
COD of Unit-I/Block-I						
COD of Unit-II/Block-II						
						.,
COD of last Unit/Block	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	-				

#### Note

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

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

Name of the Company : Name of the Power Station :

# UP JAL VIDYUT NIGAM LIMITED KHARA HYDRO POWER PROJECT

Si.No.	Break Down	Cost in Rs. Crores		Liabilities/		
		As per original Estimates	As on COD	Provisions (5)	Variation (Rs. Cr.)	Reasons for Variation
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1.0	Infrastructure Works					
1.1	Preliminary including Development					
1.2	Land					
1.3	R&R expenditure					
1.4	Buildings					
1.5	Township					
1.6	Maintenance					
1.7	Tools & Plants		NIL			
1.8	Communication					<u></u>
1.9	Environment & Ecology				<del>,,</del>	
1.10	Losses on stock					
1.11	Receipt & Recoveries					
1.12	Total (Infrastructure )					
2.0	Major Civil Works					
2.1	Dam, Intake & Desilting chambers					
2.2	HRT, TRT, Surge Shaft & Pressure shafts					
2.3	Power Plant civil works		···-·			
2.4	Other civil works (to be specified)				<u>.</u> .	
2.5	Total (Major Civil Works)					
3.0	Hydro Mechanical equipments					
4.0	Plant & Equipment					
4.1	Initial spares of Plant & Equipment		ļ			
4.2	Total (Plant & Equipment)		<u></u>			
5.0	Taxes and Duties					
5.1	Custom Duty					
5.2	Other taxes & Duties					
5.3	Total Taxes & Duties					
6.0	Construction & Precommissioning expenses					
5.1	Erection, testing & commissioning					
6.2	Construction					
6.3	Site supervision					
6.4	Total (Const. & Precommissioning)		ļ			
7.0	Overheads					
7.1	Establishment		ļ			
7.2	Design & Engineering		<u> </u>			
7.3	Audit & Accounts					
7.4	Contingency					
7.5	Rehabilitation & Resettlement					
	Total (Overheads)				Ž.	
					- 3 /	
	Capital Cost without IDC, FC, FERV & Hedging C		<del>                                     </del>		),24	1

		Cost in F	ls. Crores	Liabilities/		
Sl.No.	Break Down	As per original Estimates	As on COD	Provisions (5)	Variation (Rs. Cr.)	Reasons for Variation
(1)	(2)	(3)	(4)	(5)	(6)	(7)
9.0	IDC, FC, FERV & Hedging Cost					
9.1	Interest During					
9.2	Financing Charges					
9.3	Foreign Exchange					
9.4	Hedging Cost					
9.5	Total of IDC, FC, FERV					
10	Capital cost including					

#### Note:

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

# FORM-5C Break-up of Capital Cost for Plant & Equipment (NewProjects)

Name of th Name of th

### UP JAL VIDYUT NIGAM LIMITED KHARA HYDRO POWER PROJECT

S. No.	Variables	Original Cost as approved by Authority/Investme nt Approval (1)	Original Cost as approved by Authority/Investment Approval (1)	Variation	Reasons for Variation*
1	Generator, turbine & Accessorles				
	Generator package				
	Turbine package				
	Unit control Board				
	C&I package		NIL		
	Bus Duct of GT connection				
	Total (Generator, turbine & Accessories)				
2	Auxiliary Electrical quipment				
	Step up transformer				
	Unit Auxiliary Transformer				
	Local supply				
	transformer				
	Station transformer				
	SCADA				
	Switchgear, Batteries, DC dist. Board				
	Telecommunication equipment				
	Illumination of Dam, PH and Switchyard				· · · · · · · · · · · · · · · · · · ·
	Cables & cable				
	facilities, grounding	<u>                                     </u>			
	Diesel generating sets				
	Total (Auxiliary Elect. Equipment)				
3	Auxillary equipment & services for power station				
	EOT crane				
	Other cranes				
	Electric lifts & elevators				
	Cooling water system				
	Drainage & dewatering system				
	Firefighting equipment				
	Air conditioning,				
	ventilation and heating				
	Water supply system				
	Oil handling equipment				
	Workshop machines & equipment				
	Total (Auxiliary equipt. & services for PS)				
4	Switchyard package				
5	Initial spares for all above equipments				
	militar sparce for all above equipments				
6	Total Cost (Plant & Equipment) excluding IDC, FC, FERV & Hedging Cost				
7	IDC, FC, FERV & Hedging Cos				
	Interest During Construction (IDC)				
	Financing Charges (FC)				
	Foreign Exchange Rate				
	Variation (FERV)				
	Hedging Cost				
	Total of IDC, FC, FERV & Hedging Cost				
8	Total Cost (Plant & Equipment) Including IDC, FC, FERV & Hedging Cost				
					hat.

Nam Nam	Name of the Company:		PART-I  Break up of Construction/Supply/Service packages  UP JAL VIDYUT NIGAM LIMITED  KHARA HYDRO POWER PROJECT		reak up o	ri Construc	tion/Supply/ UP JAL VIDY KHARA HYDI	on/Supply/Service packages. UP JAL VIDYUT NIGAM LIMITED KHARA HYDRO POWER PROJECT	S. Ecr				PART-I
No.	Name/No. of Construction / Supply / Service Package	Scope of works <sup>1</sup> (in line with head of cost break-ups as applicable)	Whether awarded through ICB/DCB/ Depatmentally/ Deposit Work	No. of bids received	Date of Award	Date of Start of work	Date of Completion of Work	Value of Award <sup>2</sup> in (Rs. Cr.)	Firm or With Escalation in prices	Actual expenditure till the completion or up to COD whichever is earlier(Rs.Cr.)	Taxes & Duties and IEDC (Rs. Lakh)	IDC, FC, FERV & Hedging cost (Rs. Lakh)	Sub -total (10+11+12) (Rs. Lakh)
(1)	(2)	(3)	(4)	(5)	(9)	(7)	(8)	(6)	(10)	(11)	(12)	(13)	(14)
	ALL ALL PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPER		NIL										
		500											
Ţ	s scope of work in any	package should be in	The scope of work in any package should be indicated in conformity of Capital cost b	of Capital co	st break-u	o for the co.	al based plant:	ireak-up for the coal based plants in the FORM-58 to the extent possible.	to the extent p	iossible.			
± 05;	there is any packag \$50m=Rs.390Cr. at US	<sup>2</sup> If there is any package, which need to be show +US\$50m=Rs.390Cr. at US\$=Rs62 as on say 01.04.14.	If there is any package, which need to be shown in Indian Rupee and foreign +US\$50m=Rs.390Cr. at US\$=Rs62 as on say 01.04.14.	pee and for		ncy(ies), th	e sameshould	i be shown sepa	rately along w	currency(ies), the sameshould be shown separately along with the currency, the exchange rate and the date e.g. Rs.80 Cr.	the exchange	rate and the	date e.g. Rs.80 Cr
												Petitioner	

### In case there is cost over run

Name of the Company : Name of the Power Station :

# UP JAL VIDYUT NIGAM LIMITED KHARA HYDRO POWER PROJECT

			Rs. Crores			Admitted
SI.No.	Break Down	As per original Estimates	As on COD	Variation( Rs. Cr.)	Reasons for Variation	Cost (Rs Cr.)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1.0	Cost of Land & Site Development					
1.1	Land					
1.2	Rehabilitation & Resettlement (R&R)					
1.3	Preliminary Investigation & Site development					
1.3	Total Land & Site Development	(	0	C	0	
2.0	Plant & Equipment		<u> </u>		1	
2.0	Trait & Equipment					
2.1	Steam Turbine generator Island					
2.2	Turbine Generator Island		"	i	T	
2.3	BOP Mechanical		··			
2,3.1	Fuel Handling & Storage system					
2.3.2	External water supply system				- " " " " " " " " " " " " " " " " " " "	
2.3.3	CW system					
2.3.4 2.3.4	Cooling Towers	<del>-</del>	1			
2.3.4	DM water Plant					
2.3.6	Clarification plant		<u> </u>			
2.3.7	Chlorination Plant					
2.3.8	Air condition & Ventilation System		<del></del>			
2.3.8	Fire Fighting system			<u> </u>		
				<del> </del>		
.3.10	HP/LP Piping		0 0	)	0	
	Total BOP Mechanical	'	9	<del>  </del>		
2.5	BOP Electrical		<del></del>	-		
2.5.1	Switch Yard Package		<del> </del>	<del> </del>		
2.5.2	Transformers package		<del>-</del>	· <del>  ·</del>		
2.5.3	Switch gear Package		+			
2.5.4	Cable , Cable Facilities & grounding		<del> </del>	1		
2.5.5	Lighting	<u> </u>	1		-	
2.5.6	Emergency D.G. set		0 (	1	0 0	
	Total BOP Electrical		<u> </u>	<u></u> '		
2.6	C & I Package					
	Total Plant & Equipment excluding taxes & Duties			<del></del>	+	
2.7	Taxes and Duties			<u> </u>		
2.7.1	Custom Duty					
2.7.2	Other Taxes & Duties	<del> </del>		)	0 0	
	Total Taxes & Duties	· <del></del> · · ·	0 (		<del> </del>	
	Total Plant & Equipment(with taxes & Duties)	·· <del></del> -		· <del> </del> ··		
3.0	Initial spares					
4.0	Civil Works				<del> </del>	<del> </del>
4.1	Main plant/Adm. Building	<u> </u>		<del> </del>	<del>                                     </del>	<del>-</del>
4.2	External water supply system			<del>                                     </del>	+	
4.3	CW system		1		<del> </del> -	
4.4	Cooling Towers			<del> </del>		
4.5	DM water Plant		<u> </u>		<del> </del>	<del> </del>
4.6	Clarification plant		_		+	<del> </del>
4.7	Fuel Handling & Storage system		ļ			
4.8	Township & Colony					
4.9	Temp. construction & enabling works					
4.10	Road & Drainage					
4.11	Fire Fighting system					
	Total Civil works		0	0	0 0	

		Cost in	Rs. Crores			Admitted
SI.No.	Break Down	As per original Estimates	As on COD	Variation( Rs. Cr.)	Reasons for Variation	Cost (Rs. Cr.)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
5.1	Erection Testing and commissioning		<u> </u>			
5.2	Site supervision					
5.3	Operator's Training					
5.4	Construction Insurance					
5.5	Tools & Plant					
5.6	Start up fuel					
	Total Construction & Pre- Commissioning Expences		o c			
6.0	Overheads					
6.1	Establishment					
6.2	Design & Engineering					
6.3	Audit & Accounts				ļ <u> </u>	
6.4	Contingency			<u> </u>	1	
	Total Overheads		D C	) (	0	
7.0	Capital cost excluding IDC & FC					
7.1	Interest During Construction (IDC)			<u> </u>		
7.2	Financing Charges (FC)					
8.0	Capital cost including IDC & FC				<u> </u>	

#### Note:

Note: Impact on account of each reason for Cost overrun should be quantified and substantiated with necessary documents and supporting workings.

		4	case there is time over run	N.A.			PART-I FORM- SEII
Name of the Company Name of the Power Station				UP JAL VID' KHARA HYE	UP JAL VIDYUT NIGAM LIMITED KHARA HYDRO POWER PROJECT	IMITED ROJECT	
	Original Schedule	dule	Actual Sche	Actual Schedule (As per	Time Over-	Reasons for	Other Activity effected (Mention S. No. of
	(As per Planning)	ning)	- 1	Actual)	Run	delay	activity affected)
Description of Activity/	Start Date	Completion	Actual Start	Actual Completion	days		
Works/ Service		Date	Dat	Dat			
		NIL					
	:						
						Petitioner	

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### Financial Package upto COD

Name of the Company Name of the Power Station Project Cost as on COD: Date of Commercial Operation of the Station:

# UP JAL VIDYUT NIGAM LIMITED KHARA HYDRO POWER PROJECT

	Financial Package	as Approved	Financial Packa	ge as on COD	As Admitt	ed on COD
F	Currency and	Amount <sub>3</sub>	Currency an	d Amount₃	Currency a	nd Amount₃
1	2	3	4	5	6	7
Loan-I						
Loan-II			NIL			
Loan-III						.,
and so on						
Loan-						
Foreign						
Domestic						
Total loan(Rs)						
Equity-						
Foreign					:	
Domestic						
Total Equity( Rs)						
Debt : Equity Ratio					·	

- 1. Say Rs. 80 Cr. + US\$ 200 m or Rs. 1320 Cr. including US\$ 200 m at an exchange rate of US\$=Rs62
- 2. Provide details on commercial operation as on COD of each Unit
- 3. For example: U\$ \$ 200m, etc.

### Details of Project Specific Loans

#### Name of the Company Name of the Power Station

### UP JAL VIDYUT NIGAM LIMITED KHARA HYDRO POWER PROJECT

Particulars	Package1	Package2	Package3	Package4	Package5	Package6
1	2	3	4	5	6	7
Loan No.						
Source of Loan						
Currency						
Amount of Loan sanctioned			NIL			
Amount of Gross Loan drawn upto 31.03.2014/COD						
Interest Type						
Fixed Interest Rate, if applicable						
Base Rate, if Floating Interest						
Margin, if Floating Interest						
Are there any Caps/Floor						
If above is yes, specify caps/floor						
Moratorium Period						
Moratorium effective from					·	
Repayment Period						
Repayment effective from						
Repayment Frequency						
Repayment Instalment						
Base Exchange Rate						

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

<sup>&</sup>lt;sup>2</sup> Currency refers to currency of loan such as US\$, DM, Yen,Indian Rupee etc.

<sup>&</sup>lt;sup>3</sup> Details are to be submitted as on 31.03.2014 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 be given separately in the same form.

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 form.

Interest type means whether the interest is fixed or floating.

<sup>&</sup>lt;sup>7</sup> Base rate means the base as PLR, LIBOR etc. over which the margin is to be added. Applicable base rate on different dates from the date of drawl may also be enclosed.

<sup>&</sup>lt;sup>8</sup> 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.

<sup>&</sup>lt;sup>10</sup> Moratorium period refers to the period during which loan servicing liability is not required.

 $<sup>^{11}</sup>$  Repayment period means the repayment of loan such as 7 years, 10 years, 25 years etc.

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

etc. <sup>13</sup> Where there is more than one drawal/repayment for a loan, the date & amount of each drawal/repayement may also be given seperately

seperately

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

<sup>&</sup>lt;sup>15</sup> In case of Foreign loan, date of each drawal & repayment alongwith exchange rate at that date may be given.

<sup>&</sup>lt;sup>16</sup> Base exchange rate means the exchange rate prevailing as on 31.03.2004 for existing assets and as on COD for the remaining assets.

#### Details of Allocation of corporate loans to various projects

#### Name of the Company Name of the Power Station

### UP JAL VIDYUT NIGAM LIMITED KHARA HYDRO POWER PROJECT

JRS Cr

Particulars	Package1	Package2	Package3	Package4	Package5	Package6	Package7	Total
1	2	3	4	5	6	7	8	9
Source of Loan								
Currency			L					
Amount of Loan sanctioned			NIL					
Amount of Gross Loan drawn upto								
31.03.2012/COD								
nterest Type								
ixed Interest Rate, if applicable								
Base Rate, if Floating Interest								
Margin, if Floating Interest			:		]			
Are there any Caps/Floor								
If above is yes, specify caps/floor	,							
Moratorium Period			1					
Moratorium effective from			1					
Repayment Period								
Repayment effective from								
Repayment Frequency								
Repayment Instalment						ļ		
Base Exchange Rate								
<u> </u>								
-								
Name of the Projects		[						
					····· <b></b>			
				1				
A A A A A A A A A A A A A A A A A A A								
				1				
						1		
						1	U., _410,,	
Total						i		

<sup>&</sup>lt;sup>1</sup> Source of loan means the agency from whom the loan has been taken such as WB, ADB, WMB, PNB, SBI, ICICI, IFC, PFC etc.



<sup>&</sup>lt;sup>2</sup> Currency refers to currency of loan such as US\$, DM, Yen,Indian Rupee etc.

<sup>&</sup>lt;sup>3</sup> Details are to be submitted as on 31.03.2004 for existing assets and as on COD for the remaining assets.

<sup>&</sup>lt;sup>4</sup> 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 be given seperately in the same form.

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 form.

Interest type means whether the interest is fixed or floating.

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

<sup>&</sup>lt;sup>8</sup> 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.

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

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

<sup>13</sup> 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

<sup>&</sup>lt;sup>T4</sup> If the repayment instalment amount and repayment date can not be worked out from the data furnished above, the repayment schedule to be furnished separately.

<sup>15</sup> In case of Foreign loan, date of each drawal & repayment alongwith exchange rate at that date may be given.

<sup>&</sup>lt;sup>16</sup> Base exchange rate means the exchange rate prevailing as on 31.03.2004 for existing assets and as on COD for the remaining assets.

### Statement of Additional Capitalisation after COD

Name of the Company Name of the Power Station For FY

### UP JAL VIDYUT NIGAM LIMITED KHARA HYDRO POWER PROJECT

			ACE Claimed (Act	ual/ Projected)				·
SI.No.	Head of Work/ Equipment	Accrual basis	Undischarged Liability included in col. 3	Cash basis	IDC included in col. 3	Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
(1)	(2)	(3)	(4)	(5=3-4)	(6)	(7)	(8)	(9)
			NIL					
				<b></b>				
	TOTAL							

#### Note:

1 Fill the form in chronological order year wise along with detailed justification clearly bring out the necessity and the benefits accruing to the beneficiaries.

2 in case initial spares are purchased alongwith any equipment, then the cost of such spares should be indicated separately. e.g. Rotor - 50 Crs. Initial spares- 5 Crs.

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

Name of the Company Name of the Power Station

# UP JAL VIDYUT NIGAM LIMITED KHARA HYDRO POWER PROJECT

Sl.No.	Year	Work / Equipment added during last tive years of useful life of each Unit/Station	Amount capitalised /Proposed to be	Justification	Impact on life extension
(1)	(2)	(3)	(4)	(9)	(10)
1	2019-20	Wiring of CISF Barrak	15.04	To maintain security of plant	Improve security
2	2019-20	Construction of 01 No. residential block (with S.S.O. room and quarter guard room) for CISE personnel and CISE unit line at Khara Power House	148.66		
otal	2019-20		163.70		
	2020-21	Construction of 4 No. spurs at Kulhal for protection of Khara Power Channel	2416.34		<del>, ., ., .</del>
otal	2020-21		2416.34		· · · · · ·
otal	2021-22		0.00	<u>                                     </u>	·
4	2022-23	Supply of neumarical protection system for all machines, feeders, and bus bar along with annunciation system for Khara HEP	166.76	Easy maintenance and improved reliability	Improved Reliability
5	2022-23	Supply of digital excitation system for 3 Units for Khara HEP	328.00	To maintain grid balance as per CERC norms	Grid Balancing
6	2022-23	Supply of RGMO/FGMO/FRAS compatible Digital Governor on 03Units at Khara HEP	180.34	To maintain security of plant	Improved Security
7	2022-23	Refurbishment of Intake gate pulley and hoisting mechanism of all the machines of Khara Power House	55.00	Easy Maintenance	Improved Reliability
8	2022-23	Construction of Sarai and Langer Hall near Hanuman Mandir at Paonta Saheb	100.00		
otal	2022-23		830.10		
9	2023-24	Supply, installation, testing & commissioning of new Emulsifier system for the generating transformer of machine for all 3 machines and hydrant pipelines for Switchyard	100.00	Improved Reliability	lmproved Reliability
10	2023-24	Supply & installation of new CO2 bank system with all automation accessories for all 3 machines	25.00	improved Reliability	Improved Reliability
11	2023-24	Supply & installation of new Smoke & Fire Detector system with all automation accessories foe cable gallery and control room	20.00	Improved Reliability	lmproved Reliability
12	2023-24	Refurbishment of EOT crane (130/25 T) and Draft tube gantry crane (20 T) at Khara HEP	60.00	Easy Maintenance	Improved Reliability
13	2023-24	Providing and fixing of quarater guard fencing at CISF Unit Line, Khara (Distt. Saharanpur)	38.94		
14	2023-24	Construction of Barrack building no. 02 for 35 Nos. CISF personnel at CISF Unit line at Khara Power House	147.50		
Total	2023-24		391.44		

Note

<sup>1</sup> Fill the form in chronological order year wise along with detailed justification clearly bring out the necessity and the benefits 2 In case initial spares are purchased alongwith any equipment, then the cost of such spares should be indicated separately. e.g. Rotor

### Details of Assets De-capitalized during the period

Name of the Company Name of the Power Station UP JAL VIDYUT NIGAM LIMITED KHARA HYDRO POWER 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 til date of de- capitalization
(1)	(2)	(3)	(4)	(5)	
		NIL.			
			·		
		TOTAL			
		TOTAL			

Note:

Year wise detail need to be submitted.

PART-I FORM-9C

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

Name of the Company Name of the Power Station UP JAL VIDYUT NIGAM LIMITED KHARA HYDRO POWER PROJECT

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

Note:

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

#### Statement showing items/assets/works claimed under Exclusions

Name of the Company Name of the Power Station COD

# UP JAL VIDYUT NIGAM LIMITED KHARA HYDRO POWER PROJECT

			ACE Claimed und	der Exclusion		
SI.No.	Head of Work/ Equipment	Accrual basis	Undischarged Liability included in col. 3	Cash basis	IDC included in col. 3	Justification
(1)	(2)	(3)	(4)	(5=3-4)	(6)	(9)
		NIL	1			···
					<u> </u>	
		· · · <u>-</u> -			<u> </u>	<u> </u>

#### Note:

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

#### PART-I FORM-9E

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

Name of the Co Name of the Po

# UP JAL VIDYUT NIGAM LIMITED KHARA HYDRO POWER PROJECT

Amount in Rs. Lakh

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

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

#### PART-I FORM-9F

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

Name of the Co Name of the Po

# UP JAL VIDYUT NIGAM LIMITED KHARA HYDRO POWER PROJECT

Amount in Rs. Lakh

		Amount in Rs. Lakn
S. No.	Variables	As on Relevant Date
Α	Opening CWIP as per books	<u> </u>
	Amount of capital liabilities in A(a) above	NIL
	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	
	Amount of capital liabilities in B(a) above	
	Amount of IDC in B(a) above	
	Amount of FC in B(a) above	
	Amount of FERV in B(a) above	
	Amount of Hedging Cost in B(a) above	
	Amount of IEDC in B(a) above	
С	Transferred to Gross Block Amount during the period	
•••	Amount of capital liabilities in C(a) above	
	Amount of IDC in C(a) above	
	Amount of FC in C(a) above	
	Amount of FERV in C(a) above	
	Amount of Hedging Cost in C(a) above	
	Amount of IEDC in C(a) above	
Ð	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	
<u>-</u>	5////	
E	a)Closing CWIP as per books	
	b) Amount of capital liabilities in E(a) above	
	c) Amount of IDC in E(a) above	
	d) Amount of FC in E(a) above	
	e) Amount of FERV in E(a) above	
	f) Amount of Hedging Cost in E(a) above	
	g) Amount of IEDC in E(a) above	

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

Financing of Additional Capitalisation				nancing of Add	tional Capitalisa	lon.				PART-I FORM-10
Name of the Company Name of the Power Station Date of Commercial Operation					UP JAL VIDYL KHARA HYDR	UP JAL VIDYUT NIGAM LIMITED KHARA HYDRO POWER PROJECT	e p			
									Amount in Rs Lakh	
	Actual					Admitted				
Financial Year (Starting from COD) <sup>1</sup>	Year 1	Year 2	Year3	Year4	Year 5 & so on	Year 1	Year 2	Year3	Year4	Year 5 & so on
	2	3	4	ıς	9	7	œ	6	10	11
Amount Captalized in Work/Equipment										
Financing Details										
Loan-1		NIL								
Loan-2										
Loan-3 and so on		,-,								
Total Loan'										
Equity										
Internal Resources								:		
Others (Pl. specify)										
Total										
Note:  1. Year 1 refers to Financial Year of COD and Year 2; Year 3 etc. are the subsequent financial years respectively.	and Year 2; Year 3 e	tc. are the subscque	ent financial years re	spectiveły.					Construction	, may
2. Loan details for meeting the additional capitalisation requirement should be given as per FORM-7 or 8 whichever is relevant.	sional capitalisation	n requirement sho	માંd be given as pe	er FORM-7 or 8 wl	hichever is releva	jt.			Petitioner	

::

Name of the Company Name of the Power Station

# UP JAL VIDYUT NIGAM LIMITED KHARA HYDRO POWER PROJECT

(Amount in Rs Crore)

FY 2018-19

SI.No.	Name of the Asset'	Gross Block as on 31.03.2018 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)			(3)	4= Col.2 X Col.3
1	Land & Land Rights	0.46			-	-
2	Temporary Structure	<u>-</u>			2.57%	-
3	Buildings	8.71			2.57%	0.22
4	hydraulic Works	149.03			1.80%	2.68
5	Other Civil works	2.53			2.57%	0.06
6	Plant & Machinery	82.22			2.57%	2.11
7	Lines, Cables, Networks Etc.	-			6.00%	-
8	Vehicles	0.55			18.00%	0.10
9	Furniture & Fixtures	0.64			6.00%	0.04
10	Office Equipments	0.52			6.00%	0.03
11	Capital Spares at Generating Stations	0.42			2.57%	0.01
12	Electric Equipments	-			2.57%	
13	Survey Equipments	-			2.57%	-
14	Tools & Tackles	0.14			2.57%	0.00
15	Electric Installation	* 0.00			2.57%	0.00
<b>1</b> 6	Steel Shuttering	-		<u></u>	3.60%	
17	Library Book	0.00			2.57%	0.00
18	Wooden Frames	<u>-</u>			18.00%	
19	Wireless Set	-			3.60%	-
20	Computers	0.05			2.57%	0.00
	TOTAL	245.27	-	-	2.16%	5.31
	Weighted Average of Depreciation (%)					

<sup>\*</sup>Provide details of Freehold land and Lease hold land separately

#### Note:

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

Name of the Company Name of the Power Station

# UP JAL VIDYUT NIGAM LIMITED KHARA HYDRO POWER PROJECT

FY 2019-20

SI.No.	Name of the Asset¹	Gross Block as on 31.03.2018 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)			(3)	4= Col.2 X Col.
1	Land & Land Rights	0.46			-	-
2	Temporary Structure	-			100.00%	-
3	Buildings	8.71	1.49		3.34%	, 0.3
4	hydraulic Works	149.03			5.83%	8.6
5	Other Civil works	2.53			3.34%	0.0
6	Plant & Machinery	82.22	-		5.83%	4.7
7	Lines, Cables, Networks Etc.	-			5.83%	•
8	Vehicles	0.55			5.83%	0.0
9	Furniture & Fixtures	0.64	0.15		6.33%	0.0
10	Office Equipments	0.52			6.33%	0.0
11	Capital Spares at Generating Stations	0.42			5.83%	0.0
12	Electric Equipments	-			5.83%	-
13	Survey Equipments	-			5.83%	
14	Tools & Tackles	0.14			5.83%	0.0
15	Electric Installation	0.00			5.83%	0.0
16	Steel Shuttering	-			5.83%	-
17	Library Book	0.00			5.83%	0.0
18	Wooden Frames	-			100.00%	
19	Wireless Set	-	ļ		6.33%	
20	Computers	0.05			6.33%	0.0
	TOTAL	245.27	1.64	-	5.70%	14.0
	Weighted Average Rate of Depreciation (%)					

<sup>\*</sup>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.

Name of the Company Name of the Power Station

# UP JAL VIDYUT NIGAM LIMITED KHARA HYDRO POWER PROJECT

#### FY 2020-21

SI.No.	Name of the Asset <sup>1</sup>	Gross Block as on 31.03.2018 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)			(3)	4= Col.2 X Col.3
1	Land & Land Rights	0.46			-	
2	Temporary Structure	-			100.00%	-
3	Buildings	10.20			3.34%	0.3
4	hydraulic Works	149.03			5.83%	8.6
5	Other Civil works	2.53	24.16		3.34%	0.49
6	Plant & Machinery	82.22			5.83%	4.7
7	Lines, Cables, Networks Etc.	-			5.83%	-
8	Vehicles	0.55			5.83%	0.0
9	Furniture & Fixtures	0.79			6.33%	0.0
10	Office Equipments	0.52			6.33%	0.0
1 <b>1</b>	Capital Spares at Generating Stations	0.42			5.83%	0.0
12	Electric Equipments	-			5.83%	
13	Survey Equipments	-		·	5.83%	-
14	Tools & Tackles	0.14			5.83%	0.0
15	Electric Installation	0.00			5.83%	0.00
16	Steel Shuttering	-			5,83%	-
17	Library Book	0.00			5.83%	0.00
18	Wooden Frames	-			100.00%	-
19	Wireless Set				6.33%	
20	Computers	0.05			6.33%	0.00
	TOTAL	246.91	24.16	-	5.58%	14.46
	Weighted Average Rate of Depreciation (%)					

<sup>\*</sup>Provide details of Freehold land and Lease hold land separately

#### Note:

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

Janes Committee

Name of the Company Name of the Power Station

# UP JAL VIDYUT NIGAM LIMITED KHARA HYDRO POWER PROJECT

FY 2021-22

Sl.No.	Name of the Asset'	Gross Block as on 31.03.2018 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)			(3)	4= Col.2 X Col.
1	Land & Land Rights	0.46			<u>-</u>	
2	Temporary Structure	-			100.00%	-
3	Buildings	10.20			3.34%	0.3
4	hydraulic Works	149.03			5.83%	8.6
5	Other Civil works	26.69			3.34%	0.8
6	Plant & Machinery	82.22	-		5.83%	4.7
7	Lines, Cables, Networks Etc.	-			5.83%	-
8	Vehicles	0.55			5.83%	0.0
9	Furniture & Fixtures	0.79			6.33%	0.0
10	Office Equipments	0.52			6.33%	0.0
11	Capital Spares at Generating Stations	0.42			5.83%	0.0
12	Electric Equipments	-			5.83%	-
13	Survey Equipments				5.83%	-
14	Tools & Tackies	0.14			5.83%	0.0
15	Electric Installation	0.00			5.83%	0.0
16	Steel Shuttering				5.83%	-
17	Library Book	0.00			5.83%	
18	Wooden Frames			<b></b>	100.00%	
19	Wireless Set			<u> </u>	6.33%	
20	Computers	0.05			C 53%	0.0
. '	TOTAL	271.07		-	5.48%	2,41,2
	Weighted Average Rate of Depreciation (%)					

<sup>\*</sup>Provide details of Freehold land and Lease hold land separately

#### Note:

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

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Name of the Company Name of the Power Station

#### UP JAL VIDYUT NIGAM LIMITED KHARA HYDRO POWER PROJECT

FY 2022-23

SI.No.	Name of the Asset¹	Gross Block as on 31.03.2018 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)			(3)	4= Col.2 X Col.
1	Land & Land Rights	0.46				<del>-</del>
2	Temporary Structure	-			100.00%	-
3	Buildings	10.20			3.34%	0.3
4	hydraulic Works	149.03	0.55		5.83%	8.7
5	Other Civil works	26.69	1.00		3.34%	0.9
6	Plant & Machinery	82.22	7.30		5.83%	5.0
7	Lines, Cables, Networks Etc.	-			5.83%	-
8	Vehicles	0.55			5.83%	0.0
9	Furniture & Fixtures	0.79		!	6.33%	0.0
10	Office Equipments	0.52			6.33%	0.0
11	Capital Spares at Generating Stations	0.42			5.83%	0.0
12	Electric Equipments	-			5.83%	
13	Survey Equipments	-			5.83%	
14	Tools & Tackles	0.14			5.83%	
15	Electric Installation	0.00			5.83%	<del></del>
16	Steel Shuttering				5.83%	
17	Library Book	0.00			5.83%	
18	Wooden Frames	-	ļ. <u></u> .		100.00%	
19	Wireless Set	·			6.33%	
20	Computers	0.05			6.33%	0.
	TOTAL	271.07	8.85	-	5.48%	15.
	Weighted Average Rate of Depreciation (%)					

<sup>\*</sup>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.

Name of the Company Name of the Power Station

# UP JAL VIDYUT NIGAM LIMITED KHARA HYDRO POWER PROJECT

FY 2023-24

\$l.No.	Name of the Asset <sup>1</sup>	Gross Block as on 31.03.2018 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)			(3)	4= Col.2 X Col.3
1	Land & Land Rights	0.46			<u> </u>	
2	Temporary Structure	•			100.00%	-
3	Buildings	10.20	1		3.34%	0.34
4	hydraulic Works	149.58	0.60		5.83%	8.74
5	Other Civil works	27.69	1.86		3.34%	0.96
6	Plant & Machinery	89.52	1.45		5.83%	5.26
7	Lines, Cables, Networks Etc.	-			5.83%	
8	Vehicles	0.55			5.83%	0.03
9	Furniture & Fixtures	0.79			6.33%	0.05
10	Office Equipments	0.52			6.33%	0.03
11	Capital Spares at Generating Stations	0.42			5.83%	0.02
12	Electric Equipments	-			5.83%	-
13	Survey Equipments	-			5.83%	
14	Tools & Tackles	0.14			5.83%	<del></del>
15	Electric Installation	0.00			5.83%	
16	Steel Shuttering	-	<u></u>		5.83%	
17	Library Book	0.00			5.83%	
18	Wooden Frames		<u> </u>		100.00%	
19	Wireless Set	-			6.33%	-
20	Computers	0.05			6.33%	0.00
	TOTAL	279.92	3.91	-	5.48%	15.45
	Weighted Average Rate of Depreciation (%)					

Since asset has accumulated depreciation greater than 70% of its book value, the depreciation considered for this period is 8.95

\*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.

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# Statement of Depreciation

Name of the Company Name of the Power Station

#### UP JAL VIDYUT NIGAM LIMITED KHARA HYDRO POWER PLANT

(Amount in Rs Crore)

C NI-	Particulars	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
S. No.	7	3	4	5	6	7	8
1	2	245.27	245.27	246.91	271.07	271.07	279.37
	Opening Capital Cost	245.27	246.91	271.07	271.07	279.37	283.28
	Closing Capital Cost		246.09	258.99	271.07	275.22	281.33
	Average Capital Cost	245.27	240.03	230,55	271.07	273,22	
	Freehold land	<u> </u>		e 500/	E 400/	5.48%	5.48%
	Rate of depreciation	2.16%	5.70%	5.58%	5.48%	<del></del>	281.33
	Depreciable value	220.74	246.09	258.99	271.07	275.22	
	Balance useful life at the beginning of the period	13	12	11	10	9	8
	Remaining depreciable value	70.11	92.33	91.20	88.82	78.10	75.5 <b>1</b>
	Depreciation (for the period)	3.13	14.03	14.46	14.86	8.70	9.37
	Depreciation (annualised)	3.13	14.03	14.46	14.86	8.70	9.37
	Cumulative depreciation at the end of the period	153.76	167.79	182.25	197.11	205.81	215.18
-	Less: Cumulative depreciation adjustment on account of un-discharged liabilities deducted as on 01.04.2009/Station COD						
	Less: Cumulative depreciation adjustment on account of de-capitalisation						
	Net Cumulative depreciation at the end of the period	153.76	167.79	182.25	197.11	205.81	215.18

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

#### FORM-13 Calculation of Weighted Average Rate of Interest on Actual Loans'

Name of the Company Name of the Power Station

### UP JAL VIDYUT NIGAM LIMITED KHARA HYDRO POWER PROJECT

(Amount in Rs Lakh)

					(Anioui	it in as taki
Particulars	Existing 2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
Loan-1		NIL				
Gross Ioan - Opening						
Cumulative repayments of Loans upto previous						
year						
Net Ioan - Opening	-	-	-	-	-	-
Add: Drawal(s) during the Year						
Less: Repayment (s) of Loans during the year						
Net Ioan - Closing	-	_	-	-	-	-
Average Net Loan	-	-	-	-	-	
Rate of Interest on Loan on annual basis						
Interest on loan	-			-	-	-
Loan-2						
Gross loan - Opening						
Cumulative repayments of Loans upto previous						
year						
Net Ioan - Opening		-	-	-	-	-
Add: Drawal(s) during the Year						
Less: Repayment (s) of Loans during the year						
Net loan - Closing	-	-	-	-	-	-
Average Net Loan	-	-	-	-	-	-
Rate of Interest on Loan on annual basis			1			
Interest on loan	_	-		-		-
Thereas of Tour						
Loan-3 and so on						
Gross loan - Opening						
Cumulative repayments of Loans upto previous year						<u> </u>
Net Ioan - Opening	<u> </u>	-		<u>-</u>	-	<u> </u>
Add: Drawal(s) during the Year						
Less: Repayment (s) of Loans during the year			<u> </u>			
Net loan - Closing	-	-	-	-		
Average Net Loan			<u> </u>	-	-	-
Rate of Interest on Loan on annual basis			<u>.</u>			
Interest on loan	-		-	-	-	-
		<u> </u>			<del> </del>	
Total Loan						
Gross Ioan - Opening						
Cumulative repayments of Loans upto previous						
year	<u> </u>					<del> </del>
Net loan - Opening					<u> </u>	<del> </del>
Add: Drawal(s) during the Year	<del></del>					
Less: Repayment (s) of Loans during the year						<del> </del>
Net Ioan - Closing			<del> </del>			<del> </del>
Average Net Loan		-				<del> </del>
Interest on loan		<b></b>	<b>-</b>			-
Weighted average Rate of Interest on Loans		<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

#### Note

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

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# Calculation of Interest on Normative Loan

Name of the Company Name of the Power Station

# UP JAL VIDYUT NIGAM LIMITED KHARA HYDRO POWER PLANT

(Amount in Rs Crore)

S. No.	Particulars	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7	8
	Gross Normative Ioan – Opening						
	Cumulative repayment of Normative loan upto						
	Net Normative loan - Opening	21.05	17.92	5.04	7.49	0.00	0.00
	Add: Increase due to addition during the year / period	0.00	1.15	16.91	0.00	5.81	2.74
	Less: Repayment during the year	3.13	14.03	14.46	7.49	5.81	2,74
	Less: Decrease due to reversal during the year / period	0.00	0.00	0.00	0.00	0.00	0.00
	Add: Increase due to discharges during the year / period						
	Net Normative Ioan - Closing	17.92	5.04	7.49	0.00	0.00	0.00
	Average Normative loan	19.49	11.48	6.26	3.75	0.00	0.00
	Weighted average rate of interest	12.25%	12.25%	12.25%	12.25%	12.25%	12.25%
	Interest on Loan	2.39	1.41	0.77	0.46	0.00	0.00

### Calculation of Interest on Working Capital

Name of the Company Name of the Power Station

#### UP JAL VIDYUT NIGAM LIMITED KHARA HYDRO POWER PLANT

\$. No.	Particulars	Existing 2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7	8
	O & M expenses for the year	10.36	11.05	11.78	12.56	13.40	14.29
		0.86	0.92	0.98	1.05	1.12	1.19
	O & M Expenses  Maintenance Spares	1.55	1.66	1.77	1.88	2.01	2.14
		5.08	4.74	4.89	5.08	4.38	4.60
	Receivables	7,50	7.32	7.64	8.01	7.50	7.93
	Total Working Capital	13.50%	13.50%	13.50%	13.50%	13.50%	13.50%
	Rate of Interest	1.01	0.99	1.03	1.08	1.01	1.07

PART-I FORM- 13C

### Other Income as on COD

Name of the Company Name of the Power Station

### UP JAL VIDYUT NIGAM LIMITED KHARA HYDRO POWER PROJECT

(Amount in Rs Lakh)

S. No.	Particulars	Existing 2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
1	Interest on Loans and advance		<u> </u>				
2	Interest received on deposits						
3	Income from Investment		NIL				
4	Income from sale of scrap						
5	Rebate for timely payment		1				
6	Surcharge on late payment from beneficiaries			<u>.</u>			
7	Rent from residential building						
8	Misc. receipts (Please Specify Details)					<u>\</u>	
						A STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STA	

PART-I FORM-13D

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

Name of the Company Name of the Power Station

# UP JAL VIDYUT NIGAM LIMITED KHARA HYDRO POWER PROJECT

Amount in Rs Lakh

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

# Draw Down Schedule for Calculation of IDC & Financing Charges

Name of the Petitioner Name of the Generating Station

#### UP JAŁ VIDYUT NIGAM LIMITED KHARA HYDRO POWER PROJECT

<b></b>										
SI. No.	Draw Down	Quarter 1			Quarter 2	r		Quartern		1-
	Particulars	Quantum in		Amount in		Exchange	Amount	Quantum	Exchange	Amount
	İ	Foreign	Rate on draw	Indian Kupee	in Foreign			in Foreign		in Indian
	1	currency	down date	(Rs Lakh)	currency	draw	Rupee (Rs	currency	draw	Rupee (Rs
	1					down	Lakh)		down	Lakh)
	ļ					date			date	l
1	Loans	1	1							
1	Foreign Loans									
			N.L						ĺ	
1.1.1	Foreign Loan'				··-					
	Draw down Amount		· · · · · ·		1	1				
	IDC	-	<del>                                     </del>		t	<del></del>				1
-	Financing charges					1				<del>                                     </del>
	Foreign Exchange Rate				<del> </del>	1	<del></del>	···-··		<del> </del>
						1				
	Variation	<del></del>			-	-		· · · · · · · · · · · · · · · · · · ·		<del>                                     </del>
	Hedging Cost				<del>                                     </del>			-		<b>.</b>
			-		<del> </del>				<del>                                     </del>	
1.1.2	Foreign Loan2	+			-	<del> </del>				ļ <b>—</b> —-
	Draw down Amount				1	ļ				-
	IDC						ļ			<b></b>
	Financing charges									l
	Foreign Exchange Rate									1
	Variation									
	Hedging Cost									
1.1.3	Foreign Loan3		1							1
"	Draw down	1	Ι "			T	į			1
	Amount				1				T	1
	IDC		<b>!</b>		1		<u> </u>			
	Financing charges		<del>                                     </del>	t	<del>                                     </del>	<del> </del>	<del>                                     </del>		<b> </b>	
·		<del>-  </del>	<del> </del>	<del>                                     </del>	<del>                                     </del>	<del> </del>	1	<del>                                     </del>	<del> </del>	<del>                                     </del>
	Foreign Exchange Rate						1			1
	Variation		ļ <u>-</u>		+		<del> </del>	<del> </del>		<del> </del>
	Hedging Cost						<u> </u>			1
							<del>                                     </del>		<b></b>	1
1.1.4							<u> </u>			-
						ļ	<u> </u>			
			1							
			I	<u> </u>						<u> </u>
			1				1			
11.	Total Foreign Loans						1			
	Draw down Amount		1				1		<u> </u>	<u>.</u>
	IDC						1		i	]
	Financing charges		1			1	1		ì	1
	Foreign Exchange Rate	-					1			
	Variation		1							
	Hedging Cost		1		1		1		l	T
	Hedging cost		<del>                                     </del>		1	<del> </del>	<del> </del>		<del>                                     </del>	1
1	Indian Loans				+-					
1.	Indian toans		+						<del> </del>	<del>                                     </del>
1.2.1	Indian toan'		<del>!                                    </del>	<del></del>			† · · · · · · · · · · · · · · · · · · ·			
1.4.4			+	A	·	<del></del>	<del> </del>		1	
	Draw down			Amount	<del>                                     </del>	+	+		<del> </del>	
	IDC		<del> </del>		_	-		******		+
	charges	_	1	Financing			<del></del>		<b></b>	
				<u> </u>					<del> </del>	
1.2.2	Indian Loan2		1		<del> </del>	-	1			
	Diaw down	 	<del></del>	<u> </u>	ļ		1			<b></b>
	Amount		ļ	į.		<u> </u>	<del> </del>		1	
	LDC					ļ	1			
	Fi nanci ng			charges						
1.2.3	Indian Loan3									
	Draw down		1	Amount			1			
	IDC	<u> </u>	1	£			1			]"
	Fi nanci ng			charges	Ι					
	uniuning		1			<u> </u>	1			
1.2.4				!			1			
		+	<b>T</b>				<b>†</b>		1	l
				<u> </u>	<del>                                     </del>	7877	1		-	
		L		<del> </del>	-	<del> </del>	-		<del></del>	
	····									
	T-4-11			<del></del>			1		<del> </del>	· · · · · · · · · · · · · · · · · · ·
12	Total Indian Loans									
12	Draw down			Amount						
12	Draw down						1			
12	Draw down			Amount Fi nanci ng						
12	Draw down I DC charges									
12	Draw down I DC charges Total of Loans drawn					-				
12	Draw down I DC charges									
12	Draw down I DC charges Total of Loans drawn I DC									
12	Draw down I DC charges Total of Loans drawn I DC Financing chârges									
12	Draw down I DC charges  Total of Loans drawn I DC Financing charges Foreign Exchange Rate									
12	Draw down 1 DC charges  Total of Loans drawn 1 DC Financing charges Foreign Exchange Rate Variation									
12	Draw down I DC charges  Total of Loans drawn I DC Financing charges Foreign Exchange Rate									
12	Draw down 1 DC charges  Total of Loans drawn 1 DC Financing charges Foreign Exchange Rate Variation Hedging Cost									
12	Draw down 1 DC charges  Total of Loans drawn 1 DC Financing charges Foreign Exchange Rate Variation									

SI, No.	Draw Down	Quarter 1			Quarter 2			Quarter n (COD)		
		Quantum in	Exchange	Amount in	Quantum	Exchange	Amount	Quantum	Exchange	Amount
1		Foreign	Rate on draw	Indian Rupee	in Foreign	Rate on	in Indian	in Foreign	Rate on	in Indian
		, -	down date	(Rs Lakh)	currency	draw	Rupee (Rs	currency	draw	Rupee (Rs
ļ				,		down	takh)		down	Lakh)
		1				date			date	
				i	*****					
2.2	Indian equity drawn				<u> </u>				<u> </u>	
							<b>_</b>		<b>-</b>	-
	Total equity					ŀ			1	
	deployed		<u> </u>	<u> </u>		<u> </u>	L		l	l .

Note.

1. Drawal of debt and equity shall be on paripossu basis quarter wise to meet the commissioningschedule. Drawal of higher equity in the beginning is permissible 2. Applicable interest rates including reset dates used for above computation may be furnished separately 3; in case of multi-unit project details of capitalization ratio used to be furnished.

PART-I FORM- 14A

### Actual Cash Expenditure

Name of the Company Name of the Power Station

# UP JAL VIDYUT NIGAM LIMITED KHARA HYDRO POWER PROJECT

(Amount in Rs. Lakh)

Particulars	Quarter-l	Quarter-II	Quarter-III	Quarter- n (COD)
Payments to contractors / suppliers		· · ·		
towards canital assets				
% of fund deployment		NIL		

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

July 1

### PART-I FORM- 15

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

Name of the Company

Name of the Power Station:

UP JAL VIDYUT NIGAM LIMITED KHARA HYDRO POWER PROJECT

II IIE		
III		
	NIL	
I		
II		
111		
I		
II		
111		
1		
II		λ
Ш		

#### PART-I FORM- 15 B

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

#### Name of the Company Name of the Power Station:

# UP JAL VIDYUT NIGAM LIMITED KHARA HYDRO POWER PROJECT

Unit	Design Energy	Designed Peaking Capability (MW)*
<u> </u>		
II		
10		
Total	31.64	
	22.70	
	32.70	
III .		
Total	31.64	
ļ		
111		
Total	32.70	
<u> </u>		
	22.70	
	32.70	<u> </u>
1		
III		
Total	31.6	
<del></del>		
	32.70	
	31.64	
	22.70	
	32.70	
	22.70	
	32.70	
<del>, ,,                                   </del>		
	30.53	<u> </u>
	29.53	<del> </del> ·
<del> </del>		
III		1

PART-I FORM-16

# Liability Flow Statement

Name of the Company Name of the Power Station: UP JAL VIDYUT NIGAM LIMITED KHARA HYDRO POWER PROJECT

Party	Asset/Work	Year of Actual Capitalisation	Original Liability	Liability as on 31.03.2014	Discharges (Yearwise)	Reversal (Yearwise
					1	
<del>.</del>						
	NIL					<u> </u>
						······································
					<u> </u>	<del></del>
						Petitione

# Appendix-I

# TARIFF FILING FORMS UPPER GANGA CANAL HYDRO POWER STATION

### Summary Sheet

Name of the Company Name of the Power Station: Region UP JAL VIDYUT NIGAM LIMITED UGC HYDRO POWER PLANT State: UTTAR PRADESH

s. No.	Particulars		2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
1	2		3	4	5	6	7	8
1.1	Depreciation	Rs Crore	0.02	0.06	0.06	0.06	0.06	0.06
1.2	Interest on Loan	Rs Crore	0.04	0.04	0.03	0.02	0.02	0.01
1.3	Return on Equity:	Rs Crore	0.17	0.17	0.17	0.17	0.17	0.17
1.4	Interest on Working Capital	Rs Crore	0.47	0.44	0.47	0.50	0.53	0.57
1.5	O & M Expenses	Rs Crore	8.36	8.92	9.51	10.14	10.81	11.53
	Total		9.06	9.62	10.23	10.89	11.59	12.34

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

## Statement Showing Claimed Capital Cost

Name of the Company Name of the Power Station : Region UP JAL VIDYUT NIGAM LIMITED UGC HYDRO POWER PLANT State: UTTAR PRADESH

S. No.	Particulars	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7	8
	Opening Capital Cost	3.68	3.68	3.68	3.68	3.68	3.68
	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
	Less: Reversal during the year / period						
	Add: Discharges during the year / period						
	Closing Capital Cost	3.68	3.68	3.68	3.68	3.68	3.68
	Average Capital Cost	3.68	3.68	3.68	3.68	3.68	3.68

## Statement Showing Return on Equity

Name of the Company Name of the Power Station : Region UP JAL VIDYUT NIGAM LIMITED UGC HYDRO POWER PLANT State: UTTAR PRADESH

5. No.	Particulars	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7	8
	Opening Equity	1.10	1.10	1.10	1.10	1.10	1.10
	Add: Increase due to addition during the year / period	0.00	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	0.00
	Less: Decrease due to reversal during the year / period						
	Add: Increase due to discharges during the year / period						
	Closing Equity	1.10	1.10	1.10	1.10	1.10	1.10
	Average Equity	1.10	1.10	1.10	1.10	1.10	1.10
	Rate of ROE	15.50%	15.00%	15.00%	15.00%	15.00%	15.00%
·	Return on Equity	0.17	0.17	0.17	0.17	0.17	0.17
~	1		· · · · · · · · · · · · · · · · · · ·			Petitloner	

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

Name of the Company: Name of the Power Station :

## UP JAL VIDYUT NIGAM LIM!TED UGC HYDRO POWER PLANT

		Unit	Existing 2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
Installed Capacity ( MW)		MW	13.70	13.70	13.70	13.70	13.70	13.70
Free power to home state		%	0%	0%	0%	0%	0%	0%
Date of commercial operation (actual/anticipated)			İ					
a. Nirgazini Power Station	Unit-1		1937	1937	1937	1937	1937	1937
	Unit-2		1931	1931	1931	1931	1931	1931
b. Chitaira Power Station	Unit-1		1938	1938	1938	1938	1938	1938
	Unit-2		1938	1938	1938	1938	1938	1938
c. Salawa Power Station	Unit-1		1937	1937	1937	1937	1937	1937
	Unit-2		1937	<b>1</b> 937	1937	1937	1937	1937
d. Bhola Power Station			1929-1935	1929-1936	1929-1937	1929-1938	1929-1939	1929-1940
Type of Station								
a) Surface/underground			Surface	Surface	Surface	Surface	Surface	Surface
b ) Purely ROR/ Pondage/Storage			Canal based	Canal based	Canal based	Canal based	Canal based	Canal based
c ) Peaking/non-peaking			Non-Peaking	Non-Peaking	Non-Peaking	Non-Peaking	Non-Peaking	Non-Peaking
d } No. of hours of peaking					:			
e ) Overload capacity(MW) & period								
Type of excitation								
a) Rotating exciters on generator			Static	Static	Static	Static	Static	Static
b) Static excitation			Static	Static	Static	Static	Static	Static
Design Energy (Annual)		MU	32	32	32	32	32	32
Auxiliary Consumption including Transformation losses		%	1%	1%	1%	1%	1%	1%
Normative Plant Availability Factor (NAPAF)		%	85	85	85	85	85	85
Maintenance Spares for WC		INR Crores	1.25	1.34	1.43	1.52	1.62	1.73
Receivables for WC		INR Crores	1.51	1.18	1.26	1.34	1.43	1.52
Base Rate of Return on Equity		%	15%	15%	15%	15%	, 15%	15%
SBI Base Rate + 350 basis points as on		%	12.25%	12.25%	12.25%	12.25%	12.25%	12.259
<u> </u>							Petitioner	

## Sellent Features of Hydroelectric Project

Name of the Company
Name of the Power Station

#### UP JAL VIDYUT NIGAM LIMITED UGC HYDRO POWER PLANT

Name of the Power Station				C HYDRO POWER PLA	: ***	
	Nirgajani	Chitraura	Salawa	Bhola	<u>:</u>	
. Location	110/04/110	UD /14 #	110/04	11D (Bdopret		
state/Distt.	UP/Muzaffarnagar	UP/Muzaffarnagar	UP/Meerut	UP/Meerut		
River	Upper Ganga Canal	Upper Ganga Canal	Upper Ganga Canal	Upper Ganga Canal		
2. Diversion Tunnel						
Size, shape						
ength (M)						
3. Dam						
Type					H	
Maximum dam height (M)						
1. Spillway						
Гуре						
Crest level of spillway (M)						
5. Reservoir						
ull Reservoir Level (FRL) (M)		N. 1,1 **-				
Minimum Draw Down Level (MDDL) (M)						
ive storage (MCM)						
5. De-sliting Chamber						
Туре						
Number and Size						
Particle size to be removed(mm)						
7. Head Race Tunnel						
Size and type						
ength (M)						
Design discharge(Cumecs)						
B. Surge Shaft						
Туре	1					
Diameter (M)						•
Height (M)						
9. Penstock/Pressure shafts						
Type						
Diameter & Length (M)						
10. Power House		2 - 5		4.0.000		
Installed capacity (No of units x MW)	2x 2.5	2x1.5	2x1.5	4x0.375 + 2x0.6		
Type of turbine	Vertical Keplan	Vertical Keplan	Vertical Keplan	Vertical Keplan		
Rated Head(M)	18 feet	19.1 feet	18 feet	14 feet		
Rated Discharge(Cumecs)	8900 cusec	6850 cusec	6750 cusec	5900 cusec		
Head at Full Reservoir Level (M)	16 leet	16 feet	16 feet	12 feet		
Head at Minimum Draw down Level (M)	4		··· <del></del>			
MW Capability at FRL	3625 BHP	2950 BHP	2830 BHP	560 BHP		
MW Capability at MDDL						
11. Tail Race Tunnel/Channel						
Diameter (M) , shape						<b></b>
Length (M)	350 M	530.5 M	730 M			
Minimum tail water level (M)						
12. Switchyard						
Type of Switch gear						
	2	2.00	2.00	6.00		
No. of generator days					i l	
No. of generator bays No. of Bus coupler bays	1	1.00	1.00	1.00		

Amount Ξ Lakh) FORM-4 PART-1 Exchange 12 Year 3 Amount
Date (Foreign
Currency) 11 10 Amount Lakh) 6 (Rs. UP JAL VIDYUT NIGAM LIMITED Exchange UGC HYDRO POWER PLANT 00 Rate Details of Foreign Ibans Year 2 Currency) (Foreign Amount (Details only in respect of loans applicable to the project under petition) Ф Date Amount 'n Lakh) (Rs Exchange Rate 4 Amount (Foreign Currency) Year 1 m  $\exists$ Date At the date of Draw! or at the beginning to the year of the period  $^{\mathrm{2}}$ At the date of Drawl or at the beginning to the year of the period  $^{\mathrm{2}}$ Exchange Rate at COD or 31.03.2004, whichever is later Scheduled repayment date of principal Scheduled repayment date of principal Scheduled payment date of interest Scheduled payment date of interest **Exchange Rate as on 31.03.2014** Financial Year (Starting from COD) Name of the Power Station At the end of Financial year At the end of Financial year Vame of the Company At the date of hedging At the date of hedging In case of Hedgings In case of Hedgings Period of hedging Period of hedging Cost of hedging Currency2<sup>1</sup> Currency1

Currency3<sup>1</sup> & so on

Cost of hedging

Financial Year (Starting from COD)		Year 1				Ye	Year 2			Year 3	E.	
	2	m	4	5	9	7	8	6	10	11	12	13
	Date	Amount (Foreign Exchange Currency)		nt	Date	Amount (Foreign	Exchange Rate	int.	An Date (Fr		Exchange Rate	Amount (Rs.
At the date of Drawl or at the beginning to the year of the period $^{\scriptscriptstyle 2}$				Lakh)		Currency)		Lakh)	3	Currency)		Lakh)
Scheduled repayment date of principal							:			:		
Scheduled payment date of interest					:							
At the end of Financial year			ı									
<ul> <li><sup>1</sup> Name of the currency to be mentioned e.g. US\$, DM, etc. etc.</li> <li><sup>2</sup> In case of more than one drawl during the year. Exchange rate at the date of each drawl to be given.</li> <li><sup>3</sup> Furnish details of hedging, in case of more thanone hedging during the year or part hedging, details of each hedging are to be given</li> <li><sup>4</sup> Tax (such as withholding tax) details as applicable including change in rates, date from which change effective etc. must be clearly indicated.</li> </ul>	ee of each dr ear or part h ss, date fron	awl to be given. edging, details of e i which change effe	ach hedging c <del>ctive et</del> c. m	are to be a	given rly indica'	led.				ં હે.	Petitioner	

(Rs. takh) Exchange Amount FORM-4 (A)

(Details only in respect of loans applicable to the project under petition) 13 77 Year 3 Rate Currency) Date (Foreign Amount Ħ 2 Exchange Amount
Rate (Rs. Lakh) 6 UP JAL VIDYUT NIGAM LIMITED **UGC HYDRO POWER PLANT** ∞ Year 2 Currency) Amount (Foreign Date Furnish details of hedging, in case of more thanone hedging during the year or part hedging, details of each hedging are to be given Exchange Amount
Rate (Rs. Lakh) 'n 4 Year 1 (Foreign Currency) Amount  $\exists$ Date Name of the currency to be mentioned e.g. US \$, DM, etc. etc. Exchange Rate as on 31.03.2014 Financial Year (Starting from COD) Name of the Power Station Name of the Company At the date of infusion? At the date of infusion2 At the date of infusion2 Currency31 & so on

Currency11

Currency21

### PART-I FORM-5

lame (	of the Company:	UP JAL VIDYUT NIGAM LIMITED
lame (	of the Power Station :	UGC HYDRO POWER PLANT
Capital Cost a Idmitte I b JPERC		
	Capital Cost as admitted by UPERC	
a	Capital cost admitted as on	
	(Give reference of relevant UPERC Order with Petition No.& Date)	
b	Foreign Component, if any (In Million US \$ or the relevant currency)	
. C	Foreign Exchange rate considered for the admitted Capital cost (Rs Lakh)	NIL
d	Total Foreign Component (Rs. Lakh)	

Domestic Component (Rs. Lakh.)

Capital cost (Rs Lakh)

Hedging cost, if any, considered for the admitted

Total Capital cost admitted (Rs. Lakh) (d+e+f)

e

f

### Abstract of Capital Cost Estimates and Schedule of Commissioning for the New projects

Name of the Company : Name of the Power Station : UP JAL VIDYUT NIGAM LIMITED UGC HYDRO POWER PLANT

New Projects	
Capital Cost Estimate	5

NIL

Board of Director/ Agency approving the Capital cost estimates:							
Date of approval of the Capital cost estimates:							
		esent Dav			mpleted Co		
Price level of approved estimates	1	d of	Qtr. Of the	As on So Station	theduled Co	OD of the	
Foreign Exchange rate considered for theCapital cost estimates							
Capital Cost excluding IDC & FC				-		·	<del>.</del>
Foreign Component, if any (In Million US \$ or the relevant Currency)			NIL	,			
Domestic Component (Rs. Cr.)							
Capital cost excluding IDC & FC (Rs. Cr)							
IDC & FC							
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.)							
Capital cost Including IDC & FC (Rs. Cr)							
Schedule of Commissioning							
COD of Unit-I/Block-I							
COD of Unit-II/Block-II							
COD of last Unit/Block							

### Note:

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

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

Name of the Company : Name of the Power Station :

# UP JAL VIDYUT NIGAM LIMITED UGC HYDRO POWER PLANT

		Cost in	Rs. Crores	Liabilities/		
SI.No.	Break Down	As per original Estimates	As on COD	Provisions (5)	Variation (Rs. Cr.)	Reasons for Variation
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1.0	Infrastructure Works	1	· · · · · · · · · · · · · · · · · · ·	1.,	1-1	1.7
1.1	Preliminary including Development					
1.2	Land					
1.3	R&R expenditure					
1.4	Buildings					
1.5	Township					
1.6	Maintenance					
1.7	Tools & Plants		NIL			
1.8	Communication					
1.9	Environment & Ecology					
1.10	Losses on stock					
1.11	Receipt & Recoveries					
1.12	Total (Infrastructure )					
2.0	Major Civil Works					
2.1	Dam, Intake & Desilting chambers					
2.2_	HRT, TRT, Surge Shaft & Pressure shafts					
2.3	Power Plant civil works		-			
2.4	Other civil works (to be specified)		-			
2.5	Total (Major Civil Works)					
3.0	Hydro Mechanical equipments					
4.0						
4.0	Plant & Equipment	<del></del>				
4.1	Initial spares of Plant & Equipment					
4.2	Total (Plant & Equipment)					
5.0	Taxes and Duties					
5.1	Custom Duty	1				•
5.2	Other taxes & Duties	·   · · · · · ·				
5.3	Total Taxes & Duties					
6.0	Construction & Precommissioning expenses					11111
6.1	Erection, testing & commissioning	<del>                                     </del>				
6.2	Construction	-	• •			<u>-</u>
6.3	Site supervision	<del>                                     </del>				
6.4	Total (Const. & Precommissioning)					
	· · ·			-		
7.0	Overheads	<del>                                     </del>		-200940		
7.1	Establishment					***************************************
7.2	Design & Engineering					
	Audit & Accounts	† · · · · · · · †		<del></del>		··· ·· ·· ·· ·· ·
7.4	Contingency					
	Rehabilitation & Resettlement				·	
	Total (Overheads)	-				
1	rotal (ottinicas)					
8.0	Capital Cost without IDC, FC, FERV & Hedging Cos	+		···		
	sapital cost without loc, re, renv & neuging cos				*:	

·		Cost in I	Rs. Crores			
Sl.No.	Break Down	As per original Estimates	As on COD	Liabilities/ Provisions (5)	Variation (Rs. Cr.)	Reasons for Variation
(1)	(2)	(3)	(4)	(5)	(6)	(7)
9.0	IDC, FC, FERV & Hedging Cost					
9.1	Interest During					
9.2	Financing Charges					·
9.3	Foreign Exchange					
9.4	Hedging Cost					
9.5	Total of IDC, FC, FERV					
10	Capital cost including					

#### Note:

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

PART-I FORM-5C

### Break-up of Capital Cost for Plant & Equipment (NewProjects)

Name of the Company : Name of the Power Station : UP JAL VIDYUT NIGAM LIMITED UGC HYDRO POWER PLANT

5. No.	: Variables	Original Cost as approved by Authority/Investme nt Approval (1)	Original Cost as approved by Authority/Investment Approval (1)	Variation	Reasons for Variation*
3	Generator, turbine & Accessories				
	Senerator package	1			
	Turbine package		•		
	Unit control Board				
			MIL		
	C&! package	<u></u>	194		
	Bus Duct of G7 connection				
	Total (Generator, Turbine & Accessories)				
		!			
2	Auxillary Electrical quipment				
	Step up transformer				
	Lunit Auxiliary Transformer				
	Local supply	<del> </del>			
	trensformer Station transformer				
	SCADA	-			
	Switchgear, Batteries, DC dist. Board				
	Telecommun cation equipment				
	illumination of Dam, PH and Switchyard				
	Cables & cable facilities, grounding				
	Diesel generating sets				
	Total (Auxiliary Elect. Equipment)			***	
		+			
	Auxiliary equipment & services for power	+	,		
<b>3</b>	station				
	EOT crane				
	Other cranes	<u> </u>			
	Electric lifts & elevators				
	Cooling water system				
	Drainage & dewatering				
	system Firefighting equipment	-			
	Air conditioning,		<u> </u>		
	ventifation and heating				
	Wate: supply system	:			
	Oil handling equipment	•	,,		
	Werkshop machines & equipment				
	Total (Auxiliary equipt. & services for P5)				
4	Switchyard package		··		
	Participation Francisco	<del> </del>	·		
5	Initial spares for all above equipments				
6	Total Cost (Plant & Equipment) excluding IDC, FC, FERV & Redging Cost				
	IDC, FC, FERV & Hedging Cos			:	
	Interest During Construction (IDC)				
			<u>                                     </u>		
	Linancing Charges (FC) Foreign Exchange Rate				
	Variation (FERV)	<u> </u>			
	Hedging Cost		<u> </u>		<del></del>
	Total of IDC, FC, FERV & Hedging Cost		<u> </u>		
<del></del>					<del> </del>
8	Total Cost (Plant & Equipment) including IDC, FC, FERV & Hedging				
	Cost		L	<u></u>	
				÷	

			Break up of Construction/Supply/Service packages		Break-up o	f Construc	tion/Supply/9	ervice package	vı	20 (1) (1) (2) (2) (2) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4			PART-1 FORM-50
Nan	Name of the Company: Name of the Power Statio	c					UP JAL VIDYI UGC HYDR	UP JAL VIDYUT NIGAM LIMITED UGC HYDRO POWER PLANT	- FB				
SI. No.	Name/No. of Construction / Supply / Service Package	Scope of works¹ (in line with head of cost break-ups as applicable)	Whether awarded through ICB/DCB/ Depatmentally/ Deposit Work	No. of bids received	Date of Award	Date of Start of work	Date of Completion of Work	Value of Award² in (Rs. Cr.)	Firm or With Escalation in prices	Actual expenditure till the completion or up to COD whichever is earlier(Rs.Cr.)	Taxes & Duties and IEDC (Rs. Lakh)	IDC, FC, FERV & Hedging cost (Rs. Lakh)	Sub -total (10+11+12) {Rs. Lakh)
Ξ	(2)	(3)	(4)	(5)	(9)	(2)	(8)	(6)	(10)	(11)	(12)	(13)	(14)
			NIL										
										:			
L													
													- District of the second
													•
¹ Th	scope of work in an	y package should be i	The scope of work in any package should be indicated in conformity of Capital cost break-up for the cost based plants in the FORM-5B to the extent possible.	of Capital c	ost break-up	o for the co	al based plants	in the FORM-5B	to the extent (	oossible.			•
			2) (8 3) is a step off for atom and different and off different and between state of the formation and the first and the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step of the step	7	2000	4. (2.2)	1	4. 4. 4.	a paole plotes	t was surround the	4	od+ hac oten	tate a g Re 80 Cr

Figure is any package, which need to be shown in Indian Rupee and foreign currency(ies), the sameshould be shown separately along with the currency, the exchange rate and the date e.g. Rs.80 Cr. +US\$50m=Rs.390Cr. at US\$=Rs62 as on say 01.04.14.



## In case there is cost over run

Name of the Company: Name of the Power Station:

# UP JAL VIDYUT NIGAM LIMITED UGC HYDRO POWER PLANT

			s. Crores		<u> </u>	Admitted
Sl.No.	Break Down	As per original	As on COD	Variation( Rs. Cr.)	Reasons for Variation	Cost (Rs Cr.)
<u> </u>		Estimates				
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1.0	Cost of Land & Site Development					
1.1	Land					
1.2	Rehabilitation & Resettlement (R&R)		-			
1.3	Preliminary Investigation & Site development					
	Total Land & Site Development	0	0	0	0	
2.0	Plant & Equipment	<del>-</del>			·	
	Steam Turking governor Island					
2.1	Steam Turbine generator Island Turbine Generator Island					
2.3	BOP Mechanical		1			
2.3.1	Fuel Handling & Storage system					
2.3.2	External water supply system					
2.3.3	CW system	<u> </u>				
2.3.4	Cooling Towers			-	<u>                                     </u>	·· <del>·</del>
2.3.5	DM water Plant	-			<del>                                     </del>	
2.3.6	Clarification plant					
2.3.7	Chlorination Plant					
2.3.8	Air condition & Ventilation System					
2.3.9	Fire Fighting system					
2.3.10	HP/LP Piping					
	Total BOP Mechanical	0	0	0	0	
2.5	BOP Electrical					
2.5.1	Switch Yard Package					
2.5.2	Transformers package					
2.5.3	Switch gear Package					
2.5.4	Cable , Cable Facilities & grounding			ļ		
2.5.5	Lighting					
2.5.6	Emergency D.G. set					
	Total BOP Electrical	0	0	0	0	
2.6	C & I Package			<u> </u>		
	Total Plant & Equipment excluding taxes & Duties					
2.7	Taxes and Duties				<u> </u>	
2.7.1	Custom Duty				<u> </u>	
2.7.2	Other Taxes & Duties			ļ		
	Total Taxes & Duties	0	0	0	0	
	Total Plant & Equipment(with taxes & Duties)					
3.0	Initial spares	<b>-</b>		<del> </del>		
4.0	Civil Works					
4.1	Main plant/Adm. Building					
4.2	External water supply system			<u> </u>		
4.3	Cooling Towers					
4.5	Cooling Towers  DM water Plant	<u> </u>				
4.5	Clarification plant	+		<del> </del> -		
4.7	Fuel Handling & Storage system	<del> </del>				
4.8	Township & Colony	-			<del> </del>	
4.9	Temp. construction & enabling works	<del></del>	-			
4.10	Road & Drainage	1				
4.11	Fire Fighting system					
	Total Civil works	0	0	0	0	
	·					

		Cost in I	Rs. Crores			Admitted
SI.No.	Break Down	As per original Estimates	As on COD	Variation( Rs. Cr.)	Reasons for Variation	Cost (Rs. Cr.)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
5.1	Erection Testing and commissioning					
5.2	Site supervision					
5.3	Operator's Training					
5.4	Construction Insurance					<u></u>
5.5	Tools & Plant					
5.6	Start up fuel					
	Total Construction & Pre-Commissioning Expences		) 0		0	0
6.0	Overheads					
6.1	Establishment					
6.2	Design & Engineering					
6.3	Audit & Accounts					
6.4	Contingency					
	Total Overheads	(	0	) (	0	0
7.0	Capital cost excluding IDC & FC					
7.1	Interest During Construction (IDC)					
7.2	Financing Charges (FC)					
8.0	Capital cost including IDC & FC					

### Note:

Note: Impact on account of each reason for Cost overrun should be quantified and substantiated with necessary documents and supporting workings.

		£	case there is time over run		2 May 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		PART-I FORM- SEII
Name of the Company Name of the Power Station				UP JAL VID' UGC HYD	UP JAL VIDYUT NIGAM LIMITED UGC HYDRO POWER PLANT	IMITED LANT	
	Original Schedule (As per Planning)	dule	Actual Sche	Actual Schedule (As per Actual)	Time Over-	Reasons for delay	Other Activity effected (Mention S. No. of activity affected)
Description of Activity/ Works/ Service	Start Date	Completion Date	Actual Start Dat	Actual Completion Dat	days		
		NIL					
						Petitioner	

Same to the second

### Financial Package upto COD

Name of the Company Name of the Power Station Project Cost as on COD: Date of Commercial Operation of the Station:

# UP JAL VIDYUT NIGAM LIMITED UGC HYDRO POWER PLANT

	Financial Package	as Approved	Financial Packa	ge as on COD	As Admitte	d on COD
	Currency and	Amount <sub>3</sub>	Currency and	l Amount₃	Currency an	d Amount₃
1	2	3	4	5	6	7
Loan-I		<u>.</u>		<del> </del>		
Loan II			NIL			
Loan-III						
and so on						
Loan-						
Foreign						
Domestic						
Total loan(Rs)						
Equity-				1		
Foreign						
Domestic						
Total Equity( Rs)						
Debt : Equity Ratio						

- 1. Say Rs. 80 Cr. + US\$ 200 m or Rs. 1320 Cr. including US\$ 200 m at an exchange rate of US\$=Rs62
- 2. Provide details on commercial operation as on COD of each Unit
- 3. For example: US \$ 200m, etc.

### Details of Project Specific Loans

#### Name of the Company Name of the Power Station

## UP JAL VIDYUT NIGAM LIMITED UGC HYDRO POWER PLANT

Particulars	Package1	Package2	Package3	Package4	Package5	Package6
1	2	3	4	5	6	7
Loan No.						
Source of Loan						
Currency						
Amount of Loan sanctioned			NIL			
Amount of Gross Loan drawn upto 31.03.2014/COD						
Interest Type						
Fixed Interest Rate, if applicable						
Base Rate, if Floating Interest						
Margin, if Floating Interest			•			
Are there any Caps/Floor						
If above is yes, specify caps/floor						
Moratorium Period						
Moratorium effective from						
Repayment Period		,				
Repayment effective from						
Repayment Frequency			,			
Repayment Instalment						
Base Exchange Rate			•			

<sup>&</sup>lt;sup>1</sup> Source of loan means the agency from whom the loan has been taken such as WB, ADB, WMB, PNB, SBI, ICICI, IFC, PFC etc.

<sup>&</sup>lt;sup>2</sup> Currency refers to currency of loan such as US\$, DM, Yen,Indian Rupee etc.

<sup>&</sup>lt;sup>3</sup> Details are to be submitted as on 31.03.2014 for existing assets and as on COD for the remaining assets.

<sup>&</sup>lt;sup>4</sup> 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 be given seperately in the same form.

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 form.

<sup>&</sup>lt;sup>6</sup> Interest type means whether the interest is fixed or floating.

<sup>&</sup>lt;sup>7</sup> Base rate means the base as PLR, LIBOR etc. over which the margin is to be added. Applicable base rate on different dates from the date of drawl may also be enclosed.

<sup>&</sup>lt;sup>B</sup>Margin means the points over and above the floating rate.

<sup>&</sup>lt;sup>9</sup> At times caps/floor are put at which the floating rates are frozen. If such a condition exists, specify the limits.

<sup>&</sup>lt;sup>10</sup> Moratorium period refers to the period during which loan servicing liability is not required.

<sup>&</sup>lt;sup>11</sup> Repayment period means the repayment of loan such as 7 years, 10 years, 25 years etc.

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

Where there is more than one drawal/repayment for a loan, the date & amount of each drawal/repayement may also be given seperately

seperately

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

<sup>&</sup>lt;sup>15</sup> In case of Foreign loan,date of each drawal & repayment alongwith exchange rate at that date may be given.

<sup>&</sup>lt;sup>16</sup> Base exchange rate means the exchange rate prevailing as on 31.03.2004 for existing assets and as on COD for the remaining assets.

#### Details of Allocation of corporate loans to various projects

#### Name of the Company Name of the Power Station

## UP JAL VIDYUT NIGAM LIMITED UGC HYDRO POWER PLANT

(Rs Cc)

Particulars	Package1	Package2	Package3	Package4	Package5	Package6	Package7	Total
1	2	3	4	5	6	7	8	9
Source of Loan								
Currency								
Amount of Loan sanctioned			NIL					
Amount of Gross Loan drawn								
pto 31.03.2012/COD								
nterest Type								
rixed Interest Rate, if applicable								
Base Rate, if Floating Interest								
Margin, if Floating Interest								
Are there any Caps/Floor								
If above is yes,specify caps/floor								
Moratorium Period				<u> </u>	<u> </u>			
Moratorium effective from								
Repayment Period								
Repayment effective from								
Repayment Frequency								
Repayment Instalment								
Base Exchange Rate								
Name of the Projects	:							
						<u> </u>	/.·.	
		<u> </u>						
				. · <del>———</del> I				
					: · · · · · · · · · · · · · · · · · · ·			
Total								

<sup>&</sup>lt;sup>1</sup> Source of loan means the agency from whom the loan has been taken such as WB, ADB, WMB, PNB, SBI, ICICI, IFC, PFC etc.

<sup>&</sup>lt;sup>2</sup> Currency refers to currency of loan such as USS, DM, Yen,Indian Rupee etc.

<sup>&</sup>lt;sup>3</sup> Details are to be submitted as on 31.03.2004 for existing assets and as on COD for the remaining assets.

<sup>&</sup>lt;sup>4</sup> 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 be given seperately in the same form.

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 form.

<sup>6</sup> Interest type means whether the interest is fixed or floating.

<sup>&</sup>lt;sup>7</sup> Base rate means the base as PLR, LIBOR etc. over which the margin is to be added. Applicable base rate on different dates from the date of drawl may also be enclosed.

<sup>&</sup>lt;sup>8</sup> 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.

<sup>&</sup>lt;sup>10</sup> Moratorium period refers to the period during which loan servicing liability is not required.

 $<sup>^{11}</sup>$  Repayment period means the repayment of loan such as 7 years, 10 years. 25 years etc.

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

<sup>&</sup>lt;sup>13</sup> 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

<sup>&</sup>lt;sup>14</sup> If the repayment instalment amount and repayment date can not be worked out from the data furnished above, the repayment schedule to be furnished seperately.

 $<sup>^{15}</sup>$  in case of Foreign loan,date of each idrawal & repayment alongwith exchange rate at that date may be given.

 $<sup>^{16}</sup>$  Base exchange rate means the exchange rate prevailing as on 31.03.2004 for existing assets and as on COD for the remaining assets.

## Statement of Additional Capitalisation after COD

Name of the Company Name of the Power Station For FY

## UP JAL VIDYUT NIGAM LIMITED UGC HYDRO POWER PLANT

			ACE Claimed (Act	ual/ Projected)				
SI.No.	Head of Work/ Equipment	Accrual basis	Undischarged Liability Included In col. 3	Cash basis	IDC included in col. 3	Regulations under which claimed	Justification	Admitted Cost b the Commission if any
(1)	(2)	(3)	(4)	(5=3-4)	(6)	(7)	(8)	(9)
			NIL					
	1.							
		·	<del> </del>					
			<del>                                     </del>					
	TOTAL							

Note:

2 In case initial spares are purchased alongwith any equipment, then the cost of such spares should be indicated separately. e.g.\( Rotor - 50 Crs. \) Initial spares - 5 Crs.

<sup>1</sup> Fill the form in chronological order year wise along with detailed justification clearly bring out the necessity and the benefits accruing to the beneficiaries.

PART-I FORM-9B

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

Name of the Company
Name of the Power Station

# UP JAL VIDYUT NIGAM LIMITED UGC HYDRO POWER PLANT

Sl.No.	Year	Work / Equipment added	Amount capitalised /Proposed to be capitalised (Rs Lakh)	Justification	Impact on life extension
(1)	(2)	(3)	(4)	(9)	(10)
			NIL		
					+
					"
	····				
		TOTAL			

Note:

<sup>1</sup> Fill the form in chronological order year wise along with detailed justification clearly bring out the necessity and the benefits accruing to the beneficiaries.

<sup>2</sup> in case initial spares are purchased alongwith any equipment, then the cost of such spares should be indicated separately.

## Details of Assets De-capitalized during the period

Name of the Company Name of the Power Station

# UP JAL VIDYUT NIGAM LIMITED UGC HYDRO POWER PLANT

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 til date of de- capitalization
(1)	(2)	(3)	(4)	(5)	
<u>.</u>					
		NIL			
					·—·
· · · · · · • • • • · · · · • • • · · · · · • • • · · · · · · • • · · · · · · · • · · · · · · · · · · · · · · · · · · · ·					
		TOTAL			

Note:

Year wise detail need to be submitted.

PART-I FORM-9C

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

Name of the Company Name of the Power Station UP JAL VIDYUT NIGAM LIMITED UGC HYDRO POWER PLANT

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 claimed under Exclusions

Name of the Company

UP JAL VIDYUT NIGAM LIMITED UGC HYDRO POWER PLANT

COD

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

#### Note:

<sup>1</sup> Exclusions claimed on assets not allowed in Tariff should be supported by the specific reference of Commission Order date, Petition No., amount disallowed, etc.

<sup>2</sup> For inter unit transfer, nature of transfer i.e. temporary or permanent should be mentioned. It is to be certified that exclusion

#### PART-I FORM-9E

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

Name of the Co Name of the Po

## UP JAL VIDYUT NIGAM LIMITED UGC HYDRO POWER PLANT

Amount in Rs. Lakh Variables As on Relevant Date S. Na. Opening Gross Block Amount as per books Α Amount of capital liabilities in A(a) above Amount of IDC in A(a) above NIL 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 Addition in Gross Block Amount during the period (Direct В purchases) Amount of capital liabilities in B(a) above Amount of IDC in B(a) above Amount of FC in B(a) above Amount of FERV in B(a) above Amount of Hedging Cost in B(a) above Amount of IEDC in B(a) above Addition in Gross Block Amount during the period C (Transferred from CWIP) Amount of capital liabilities in C(a) above Amount of IDC in C(a) above d) Amount of FC in C(a) above e) Amount of FERV in C(a) above f) Amount of Hedging Cost in C(a) above g) Amount of IEDC in C(a) above a)Deletion in Gross Block Amount during the period b) Amount of capital liabilities in D(a) above c) Amount of IDC in D(a) above d) Amount of FC in D(a) above e) Amount of FERV in D(a) above f) Amount of Hedging Cost in D(a) above g) Amount of IEDC in D(a) above a)Closing Gross Block Amount as per books b) Amount of capital liabilities in E(a) above c) Amount of IDC in E(a) above d) Amount of FC in E(a) above e) Amount of FERV in E(a) above f) Amount of Hedging Cost in E(a) above g) Amount of IEDC in E(a) above

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

### PART-I FORM-9F

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

Name of the Co Name of the Po

# UP JAL VIDYUT NIGAM LIMITED UGC HYDRO POWER PLANT

Amount in Rs. Lakh

S. No.	Variables	As on Relevant Date
Α	Opening CWIP as per books	
	Amount of capital liabilities in A(a) above	NiL
	Amount of IDC in A(a) above	
<del></del>	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	
Ð	Amount of capital liabilities in B(a) above	<del></del>
	Amount of IDC in B(a) above	
<u></u> .	Amount of FC in B(a) above	
	Amount of FERV in B(a) above	
	Amount of Hedging Cost in B(a) above	
	Amount of tEDC in B(a) above	
С	Transferred to Gross Block Amount during the period	
	Amount of capital liabilities in C(a) above	
	Amount of IDC in C(a) above	
	Amount of FC in C(a) above	
••••	Amount of FERV in C(a) above	
	Amount of Hedging Cost in C(a) above	
	Amount of IEDC in C(a) above	
D	a)Deletion in CWIP during the period	
··· · · · · · · · · · · · · · · · · ·	b) Amount of capital liabilities in D(a) above	
	c) Amount of IDC in D(a) above	
	d) Amount of FC in D(a) above	
	e) Amount of FERV in D(a) above	
	f) Amount of Hedging Cost in D(a) above	
	g) Amount of IEDC in D(a) above	
E	a)Closing CWIP as per books	
	b) Amount of capital liabilities in E(a) above	
	c) Amount of IDC in E(a) above	
	d) Amount of FC in E(a) above	
	e) Amount of FERV in E(a) above	
	f) Amount of Hedging Cost in E(a) above	
	g) Amount of IEDC in E(a) above	

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

Financing of Additional Capitalisation				nancing of Addit	tional Capitalisa	ion	1			PART-I FORM- 10
Name of the Company Name of the Power Station Date of Commercial Operation					UP JAL VIDYU UGC HYDR	UP JAL VIDYUT NIGAM LIMITED UGC HYDRO POWER PLANT	<b>a</b> .			
									Amount in Rs Lakh	
	Actual					Admitted				
Financial Year (Starting from COD) <sup>2</sup>	Year 1	Year 2	Year3	Year4	Year 5 & so on	Year 1	Year 2	Year3	Year4	Year 5 & so on
7	2	°C.	4	5	9	7	8	6	10	11
Amount Captalized in Work/Equipment										
				A 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00						
Financing Details							- T			
Loan-1		NIL								
Loan-2										
Loan-3 and so on										
Total Loan										
Equity										
Internal Resources										
Others (Pl. specify)										
Totaf										
Note: 1. Year 1 refers to Financial Year of COD and Year 2; Year 3 etc. are the subsequent financial years respratively.	and Year 2; Year 3 e	itc. are the subseque	nt financial years re	sp∈tive‱					3	
2. Loan details for meeting the additional capitalisation requirement should be given as per ORM-7 or 8 whichever is relevant.	tional capitalisation	n requirement shou	uld be given as pe	ORM-7 or 8 wh	nichever is relevan	<b>+</b> :			difficult in the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the	
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12.5

Name of the Company Name of the Power Station

# UP JAL VIDYUT NIGAM LIMITED UGC HYDRO POWER PLANT

(Amount in Rs Crore)

FY 2018-19

Sl.No.	Name of the Asset <sup>3</sup>	Gross Block as on 31.03.2018 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)		1	(3)	4≈ Col.2 X Col.
1	Land & Land Rights	0.0051			-	-
2	Temporary Structure	-			2.57%	
3	Buildings	0.1750			2.57%	0.0
4	hydraulic Works	1.6032			1.80%	0.0
5	Other Civil works	0.0440			2.57%	0.0
6	Plant & Machinery	1.3351			2.57%	0.0
7	Lines, Cables, Networks Etc.	0.4765			6.00%	0.0
8	Vehicles	0.0089			18.00%	0.0
9	Furniture & Fixtures	0.0067			6.00%	0.0
10	Office Equipments	0.0120			6.00%	0.0
11	Capital Spares at Generating Stations	0.0046			2.57%	0.0
12	Electric Equipments	-			2.57%	
13	Survey Equipments				2.57%	-
14	Tools & Tackles	0.0015			2.57%	0.0
15	Electric Installation	0.0016			2.57%	0.0
16	Steel Shuttering	-		4,-	3.60%	
17	Library Book	0.0001			2.57%	0.1
18	Wooden Frames	-			18.00%	-
19	Wireless Set	-	_		3.60%	-
20	Computers	0.0074			2.57%	0.
	TOTAL	3.68	-	-	0.54%	0.0
	Weighted Average Rate of Depreciation (%)					

<sup>\*</sup>Provide details of Freehold land and Lease hold land separately

#### Note:

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

Name of the Company Name of the Power Station

# UP JAL VIDYUT NIGAM LIMITED UGC HYDRO POWER PLANT

FY 2019-20

\$l.No.	Name of the Asset <sup>1</sup>	Gross Block as on 31.03.2018 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)			(3)	4= Col.2 X Col
1	Land & Land Rights	0.01			-	
2	Temporary Structure	-			100.00%	-
3	Buildings	0.18			3.34%	0.
4	hydraulic Works	1.60			5.83%	0.
5	Other Civil works	0.04			3.34%	0.
6	Plant & Machinery	1.34			5. <b>83</b> %	0.
7	Lines, Cables, Networks Etc.	0.48			5.83%	0
8	Vehicles	0.01			5.83%	0
9	Furniture & Fixtures	0.01			6.33%	0
10	Office Equipments	0.01			6.33%	0
11	Capital Spares at Generating Stations	0.00			5.83%	0
12	Electric Equipments	-			5.83%	
13	Survey Equipments	-			5.83%	
14	Tools & Tackles	0.00			5.83%	0
15	Electric Installation	0.00			5.83%	0
16	Steel Shuttering				5.83%	
17	Library Book	0.00	_		5.83%	0
18	Wooden Frames	•			100.00%	
19	Wireless Set				6.33%	
20	Computers	0.01			6.33%	0
	TOTAL	3.68	-	-	5.68%	0
	Weighted Average Rate of Depreciation (%)					-

<sup>\*</sup>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.

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Name of the Company Name of the Power Station

# UP JAL VIDYUT NIGAM LIMITED UGC HYDRO POWER PLANT

FY 2020-21

SI.No.	Name of the Asset <sup>1</sup>	Gross Block as on 31.03.2018 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)			(3)	4= Col.2 X Col.3
1	Land & Land Rights	0.01			-	-
2	Temporary Structure	-			100.00%	-
3	Buildings	0.18			3.34%	0.01
4	hydraulic Works	1.60			5.83%	0.09
5	Other Civil works	0.04			3.34%	0.00
6	Plant & Machinery	1.34			5.83%	30.0
7	Lines, Cables, Networks Etc.	0.48			5.83%	0.03
8	Vehicles	0.01			5.83%	0.00
9	Furniture & Fixtures	0.01			6.33%	0.00
10	Office Equipments	0.01			6.33%	0.00
11	Capital Spares at Generating Stations	0.00			5.83%	0.00
12	Electric Equipments	-		·	5.83%	-
13	Survey Equipments				5.83%	
14	Tools & Tackles	0.00			5.83%	0.00
15	Electric Installation	0.00			5.83%	0.00
16	Steel Shuttering	-			5.83%	<u>-</u>
17	Library Book	0.00			5.83%	0.00
18	Wooden Frames				100.00%	-
19	Wireless Set			•	6.33%	-
20	Computers	0.01			6.33%	0.00
	TOTAL	3.68			5.68%	0.21
	Weighted Average Rate of Depreciation (%)					

<sup>\*</sup>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.

Name of the Company Name of the Power Station

# UP JAL VIDYUT NIGAM LIMITED UGC HYDRO POWER PLANT

FY 2021-22

SI.No.	Name of the Asset <sup>1</sup>	Gross Block as on 31.03.2018 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)			(3)	4= Col.2 X Col.
1	Land & Land Rights	0.01			-	-
2	Temporary Structure	-			100.00%	
3	Buildings	0.18			3.34%	0.0
4	hydraulic Works	1.60			5.83%	0.0
5	Other Civil works	0.04			3.34%	0.0
6	Plant & Machinery	1.34			5.83%	0.0
7	Lines, Cables, Networks Etc.	0.48			5.83%	0.0
8	Vehicles	0.01			5.83%	0.0
9	Furniture & Fixtures	0.01			6.33%	0.0
10	Office Equipments	0.01			6.33%	0.0
11	Capital Spares at Generating Stations	0.00			5.83%	0.0
12	Electric Equipments	-			5.83%	-
13	Survey Equipments	-			5.83%	_
14	Tools & Tackles	0.00			5.83%	0.0
15	Electric Installation	0.00			5.83%	0.0
16	Steel Shuttering				5.83%	-
17	Library Book	0.00			5.83%	0.0
18	Wooden Frames	-			100.00%	
19	Wireless Set	-			6.33%	-
20	Computers	0.01			6.33%	0.0
	TOTAL	3.68	-	-	5.68%	0.2
	Weighted Average Rate of Depreciation (%)					

<sup>\*</sup>Provide details of Freehold land and Lease hold land separately

#### Note:

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

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Name of the Company Name of the Power Station

# UP JAL VIDYUT NIGAM LIMITED UGC HYDRO POWER PLANT

FY 2022-23

SI.No.	Name of the Asset'	Gross Block as on 31.03.2018 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)			(3)	4= Col.2 X Col.
1	Land & Land Rights	0.01			-	-
2	Temporary Structure	-			100.00%	-
3	Buildings	0.18			3.34%	0.0
4	hydraulic Works	1.60			5.83%	0.0
5	Other Civil works	0.04			3.34%	0.0
6	Plant & Machinery	1.34			5.83%	0.0
7	Lines, Cables, Networks Etc.	0.48			5.83%	0.0
8	Vehicles	0.01			5.83%	0.0
9	Furniture & Fixtures	0.01			6.33%	0.1
10	Office Equipments	0.01			6.33%	0.0
11	Capital Spares at Generating Stations	0.00			5.83%	0.0
12	Electric Equipments	-			5.83%	-
13	Survey Equipments	-			5.83%	_
14	Tools & Tackles	0.00			5.83%	0.
15	Electric Installation	0.00			5.83%	0.1
16	Steel Shuttering	-			5.83%	
17	Library Book	0.00			5.83%	0.
18	Wooden Frames	-			100.00%	-
19	Wireless Set	-			6.33%	-
20	Computers	0.01			6.33%	0.
	TOTAL	9.5.Y	<u>.</u> .	-	5.68%	0,;
·	Weighted Average Rate of Depreciation (%)					

<sup>\*</sup>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. ) hav

Name of the Company Name of the Power Station

# UP JAL VIDYUT NIGAM LIMITED UGC HYDRO POWER PLANT

FY 2023-24

				FY 2023-24		
SI.No.	Name of the Asset <sup>t</sup>	Gross Block as on 31.03.2018 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)			(3)	4= Col.2 X Col.3
1	Land & Land Rights	0.01			-	
2	Temporary Structure	-			100.00%	
3	Buildings	0.18			3.34%	0.01
4	hydraulic Works	1.60			5.83%	0.09
5	Other Civil works	0.04			3.34%	0.00
6	Plant & Machinery	1.34			5.83%	0.08
7	Lines, Cables, Networks Etc.	0.48			5.83%	0.03
8	Vehicles	0.01			5.83%	0.00
9	Furniture & Fixtures	0.01			6.33%	0.00
10	Office Equipments	0.01			6.33%	0.00
11	Capital Spares at Generating Stations	0.00			5.83%	0.00
12	Electric Equipments	-			5.83%	-
13	Survey Equipments	-			5.83%	-
14	Tools & Tackles	0.00			5.83%	0.00
15	Electric Installation	0.00			5.83%	0.00
16	Steel Shuttering	-			5.83%	
17	Library Book	0.00			5.83%	0.00
18	Wooden Frames	-			100.00%	
19	Wireless Set	-			6.33%	-
20	Computers	0.01			6.33%	0.00
	TOTAL	3.68	-	-	5.68%	0.21
	Weighted Average Rate of Depreciation (%)	-				

<sup>\*</sup>Provide details of Freehold land and Lease hold land separately

#### Note:

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

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## Statement of Depreciation

Name of the Company Name of the Power Station

#### UP JAL VIDYUT NIGAM LIMITED UGC HYDRO POWER PLANT

(Amount in Rs Crore)

5. No.	Particulars	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	G	7	8
	Opening Capital Cost	3.68	3.68	3.68	3.68	3.68	3.68
	Closing Capital Cost	3.68	3.68	3.68	3.68	3.68	3.68
	Average Capital Cost	3.68	3.68	3.68	3.68	7 3.68	3.68
	Freehold land						
	Rate of depreciation	0.54%	5.68%	5.68%	5.68%	5.68%	5.68%
	Depreciable value	3.31	3.31	3.31	3.31	3.31	3.31
	Balance useful life at the beginning of the period	9	8	7	6	5	4
	Remaining depreciable value	3.31	0.50	0.44	0.38	0.33	0.27
	Depreciation (for the period)	0.02	0.06	0.06	0.06	0.06	0.06
	Depreciation (annualised)	0.02	0.06	0.06	0.06	0.06	0.06
	Cumulative depreciation at the end of the period	2.81	2.87	2.93	2.99	3.05	3.11
	Less: Cumulative depreciation adjustment on account of un-discharged liabilities deducted as on 01.04.2009/Station COD					7 3.68 3.68 3.68 5.68% 3.31 5 0.33 0.06 0.06 3.05	
	Less: Cumulative depreciation adjustment on account of de-capitalisation			·			
	Net Cumulative depreciation at the end of the period	2.81	2.87	2.93	2.99	3.05	3.11

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

### FORM- 13 Calculation of Weighted Average Rate of Interest on Actual Loans'

### Name of the Company Name of the Power Station

# UP JAL VIDYUT NIGAM LIMITED UGC HYDRO POWER PLANT

(Amount in Rs Lakh)

Particulars	Existing <b>2013-14</b>	2014-15	2015-16	2016-17	2017-18	2018-19
Loan-1		NIL				
Gross Ioan - Opening						
Cumulative repayments of Loans upto previous						
year	_1	<u>.</u>				
Net Ioan - Opening	-	-	-	-	-	-
Add: Drawal(s) during the Year						
Less: Repayment (s) of Loans during the year						
Net Ioan - Closing	-	-	-	-	-	-
Average Net Loan	_		-	-		-
Rate of Interest on Loan on annual basis						
Interest on loan	-	-		-	-	-
Loan-2						
Gross loan - Opening						
Cumulative repayments of Loans upto previous	-					
year		1				ļ
Net loan - Opening	-	-	_	-	-	-
Add: Drawal(s) during the Year						
Less: Repayment (s) of Loans during the year						
Net loan - Closing	-	-	-	-	-	-
Average Net Loan	-	-	-	-	-	-
Rate of Interest on Loan on annual basis						
Interest on loan	-	-	-	-	-	
Loan-3 and so on						
Gross Ioan - Opening						
Cumulative repayments of Loans upto previous year						
Net loan - Opening	-	-	-	-	-	
Add: Drawal(s) during the Year						
Less: Repayment (s) of Loans during the year						
Net loan - Closing		-	-	-	-	-
Average Net Loan	-	-	_	-	-	_
Rate of Interest on Loan on annual basis						
Interest on loan	-	-	-	-	-	-
Total Loan						
Gross Ioan - Opening						
Cumulative repayments of Loans upto previous	··-··					
year						
Net Ioan - Opening						
Add: Drawal(s) during the Year						
Less: Repayment (s) of Loans during the year						
Net Ioan - Closing						
Average Net Loan						
Interest on loan						
Weighted average Rate of Interest on Loans			1			

### Note:

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

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#### Calculation of Interest on Normative Loan

Name of the Company Name of the Power Station

S. No.	Particulars	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7	8
	Gross Normative Ioan – Opening						
	Cumulative repayment of Normative loan upto previous year						
	Net Normative loan – Opening	0.35	0.33	0.27	0.21	0.15	0.12
	Add: Increase due to addition during the year / period	0.00	0.00	0.00	0.00	0.00	0.00
	Less: Repayment during the year	0.02	0.06	0.06	0.06	0.03	0.00
·	Less: Decrease due to reversal during the year / period	0.00	0.00	0.00	0.00	0.00	0.00
	Add: Increase due to discharges during the year / period						
	Net Normative loan - Closing	0.33	0.27	0.21	0.15	0.12	0.12
	Average Normative loan	0.34	0.30	0.24	0.18	0.14	0.12
	Weighted average rate of interest	12.25%	12.25%	12.25%	12.25%	12.25%	12.25%
	Interest on Loan	0.04	0.04	0.03	0.02	∖ 0.02	0.01

PART-I FORM- 13B

### Calculation of Interest on Working Capital

Name of the Company Name of the Power Station

## UP JAL VIDYUT NIGAM LIMITED UGC HYDRO POWER PLANT

S. No.	Particulars	Existing 2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7	8
	O & M expenses for the year	8.36	8.92	9.51	10.14	10.81	11.53
	O & M Expenses	0.70	0.74	0.79	0.84	0.90	0.96
	Maintenance Spares	1.25	1.34	1.43	1.52	1.62	1.73
	Receivables	1,51	1.18	1.26	1.34	1.43	1.52
	Total Working Capital	3.46	3.26	3.48	3.71	3.95	4.21
	Rate of Interest	13.50%	13.50%	13.50%	13.50%	13.50%	13.50%
	Interest on Working Capital	0.47	0.44	0.47	0.50	0.53	0.57

PART	-T
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## FORM- 13C Other Income as on COD

Name of the Company Name of the Power Station

#### UP JAL VIDYUT NIGAM LIMITED UGC HYDRO POWER PLANT

(Amount in Rs Lakh)

5. No.	Particulars	Existing 2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
1	Interest on Loans and advance						
2	Interest received on deposits						
3	Income from Investment		NIL				
4	Income from sale of scrap						
5	Rebate for timely payment						
6	Surcharge on late payment from beneficiaries						
7	Rent from residential building						
8	Misc. receipts (Please Specify Details)						
	(add)						

PART-I FORM-13D

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

Name of the Company Name of the Power Station

## UP JAL VIDYUT NIGAM LIMITED UGC HYDRO POWER PLANT

Amount in Rs Lakh

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

Draw Down Schedule for Calculation of IDC & Financing Charges
UP JAL VIDYUT NIGAM LIMITED

Name of the Generating Sta				UGC HYDRO POV				۱	tonol	
SI. No.	Draw Down	Quarter 1	Fr. ab arr	(Amanus :-	Quarter 2	C	1Amarina	Quarter n Quantum		Amount
	Particulars	Quantum In		Amount in		Exchange	Amount	in Foreign		in Indian
	i	Foreign	Rate on draw	Indian Rupee	in Foreign				draw	Rupee (Rs
	1	currency	down date	(Rs Lakh)	currency	draw down	Rupee (Rs Lakh)	currency	down	Lakh)
		ļ				date	Lakiri		date	Leaking
1	Loans	1	""			Jake			, unit	
1	Foreign Loans									
***************************************			NIL		Ι''					
1.1.1	Foreign Loan'		1			1				
	Draw down Amount	1				<u> </u>		1	-	
	IDC		1		ļ	1	1	-	-	<del>                                     </del>
	Financing charges	<u> </u>	<del>                                     </del>		1	1		<del>                                     </del>		
	Foreign Exchange Rate Variation							1		
	Hedging Cost		<del> </del>	1	1					
	Treasure cost			İ			l			
1 1.2	Foreign Loan2					<u> </u>				ļ
	Draw down Amount	<u> </u>								
	IDC				ļ					
	Financing charges				1		ļ <u> </u>			
	Foreign Exchange Rate									
	Variation				1			ļ	<del> </del>	1
	Hedging Cost	<del></del>	+	+	1	<del> </del>	<del>                                     </del>			<del>  .</del>
1.1.3	Foreign Loan3		<del>                                     </del>	<del> </del>	1		· · · · · · · · · · · · · · · · · · ·	1		
2.2.0	Draw down				<del>                                     </del>	<del> </del>		İ		
·	Amount				İ. ,					
	IDC									
	Financing charges		<u> </u>					ļ		
	Foreign Exchange Rate									
,	Variation			<b>_</b>						
	Hedging Cost					ļ				ļ
1.1.4		<del></del>		<del> </del>		· · · ·	<del> </del>	<del> </del> -		
1.1.4					<del>                                     </del>	<del> </del>				
				<del> </del>				····	<del>-</del>	1
			<b>.</b>							
1 1.	Total Foreign Loans							ļ		ļ
	Draw down Amount					<u> </u>	ļ		<u> </u>	ļ <u> </u>
	IDC			<del> </del> -	ļ	-			<del> </del>	ł
	Financing charges					<u> </u>	<del>-</del>	<del> </del>	<del> </del>	
	Foreign Exchange Rate									
	Variation Hadring Cost			<del> </del>			<u> </u>	l	<u> </u>	
-	Hedging Cost	<u> </u>	<del> </del>			<b>├</b> • · · · ·	<del></del>	+	<del> </del>	
1	Indian Loans		<b> </b>			<u> </u>	`. I			
									:	ļ <u></u>
1.2.1	Indian Loan'						<u> </u>			í
	Draw down			Amount			<u> </u>		ļ	ļ
	IDC	<u> </u>			-		<b></b>		<u>}</u>	<b>.</b>
	charges			Financing			ļ		<u> </u>	<del>                                     </del>
1 > >	1-4-11		<del> </del> -			<del>                                     </del>		<del> </del>		<del>                                     </del>
1.2.2	Indian Loan2 Draw down		t			l	<del>                                     </del>		<u>;</u>	
	Amount		<del></del>	<del></del>	-				1	
	IDC		1		<del>                                     </del>	-150	1		<u> </u>	- ···
	Fi nanci ng		<u> </u>	charges		İ			;	1
1.2.3	Indian Loan3			_ · *			T			İ
	Draw down			Amount					ļ	
	I DC.						ļ	ļ	ļ	
	Fi nanci ng			charges		<u> </u>			<u> </u>	ļ
			<del> </del>	1	<u> </u>	<del>                                     </del>	+		<u> </u>	<del> </del>
1.2.4		<del>-</del>		<u> </u>		<del> </del>	1	ļ · · · · · · · · · · · · · · · · · · ·	<del></del>	<del> </del>
		<del> </del>	<del></del>	<del> </del>	<del> </del>	-	<del>                                     </del>		$\vdash$	<del> </del>
		<del></del>	<del> </del>	1		<del>                                     </del>	<del> </del>		ļ	
12	Total Indian Loans	1	<del> </del>			1	†		1	
	Draw down		†	Amount		1		<u> </u>	<u></u>	
	I DC									1
	charges			Fi nanci ng						
		1					ļ			1
1	Total of Loans drawn			1	-	<del> </del>	ļ			1
	i DC		1	-	<u> </u>	<del> </del>	<del>                                     </del>		· · · · · · · · · · · · · · · · · · ·	<del> </del>
	Financing charges			<del> </del>	<del> </del>	+	1	<del>                                     </del>	ļ	<del> </del>
	Foreign Exchange Rate		1							
	Variation Hedging Cost			<del>                                     </del>		<del>                                     </del>	<del> </del>	<b>!</b>		
	stending rost		<del> </del>	1			1			
				d-r		_				•
2	Equity			1				f		
2	Equity						, , , , , , , , , , , , , , , , , , ,			
2	Equity  Foreign equity drawn						,			
2.							, <u></u>		wati-	

PART-: FORM 14

and the state of the state of

10 miles 200

Name of the Positioner Name of the Generating	Station			ngc habko boz stvr algant, lak						
SI. No.	Draw Down	Quarter 1			Quarter 2			Quarter n	(COD)	
	Particulars !	Quantum iii Foreign currency	Exchange Rate on draw down date	Amount in Indian Rupee (Rs Lakh)	Quantum in Foreign	draw	Amount In Indian Rupee (Rs Lakh)			Amquat in Indian Rupee (R Lakh)
1	Laans			<u> </u>	<u>: </u>	<del></del>	ļ		<u>.</u>	<u>:                                    </u>
<u> </u>	Foreign Loans		NO.	· 	i			<del> </del> -	ļ	
1.1.1	Foreign Loan'		CONTRACTOR CONTRACTOR			•				
	Draw down Amount IDC		<del> </del>			<b></b>	:			
	Financing charges	<del>                                     </del>	<del> </del>		<del> </del>	;		ļ		
	Foreign Exchange Rate									
	Variation		<del> </del>		<u> </u>	<del> </del>	İ	<u>:</u>	ļ	-:
<del></del>	Hedging Cost	-	<del> </del>	<u> </u>	<del>-i</del>			:		· <u>!</u>
1.1.2	Foreign Loan?				-			<u> </u>		i
	Draw down Amount LCC		ļ		<del></del>	L	: :	├		<del> </del>
	Financing charges			†	<del> </del>	<u> </u>	<del>-</del>	<del> </del>	† · · · ·	
	Foreign Evchange Rate			1.00						
	Variation	<del>-:</del>			<del>- </del>	. <b></b>		<u> </u> -		:
<del></del>	Hedging Cost	<del>.</del>	L	<u> </u>	<u></u>			<u> </u>		
1.1.3	Foreign Lnan3		!			ļ		ļ		
	Draw down Amount		. •	<b> </b>	·	-	·	ļ		+
	IDC		<del> </del>	<u> </u>				<u></u>		
	Financing charges	<del></del>		1			<del></del>			ĺ
	Foreign Exchange Rate	:		!		ţ			į	
	Variation  Bedging Cost	+				1	†	-	<del>                                     </del>	<del>.</del>
						1		<u> </u>	1	
1.1.4				:	1	<del></del>		ļ		1
				:		+	1			<del> </del>
	· i						<u> </u>			1
1 1	Total Foreign Loans		<del> </del>	i	<del> </del>		İ			
11	Draw down Amount	<del>                                     </del>	<del>                                     </del>					_		
	loc								<u> </u>	
	Financing charges Foreign Exchange Rate				<del> </del> -	<del>                                     </del>	<b></b>			
	Variation Variation									
	Hedging Cost									
1	Indian Loans	+		ļ		<del>                                     </del>	-	<del> </del>	<del>                                     </del>	<del> </del>
<u> </u>	Maiair Learis						:	Ĺ		<u> </u>
1.2.1	Indian Loan		:		<u> </u>		·	<u></u>	ļ <u>.</u>	<u> </u>
	Oracy down IDC	<u> </u>	<del>-</del> :	Amount	·	<del>                                     </del>	<del> </del>	<del> </del>	<u> </u>	
	charges	35 5/12 . · s vs	<del></del>	Financing	<u> </u>		<u> </u>	· · · · · · · · · · · · · · · · · · ·	<del> </del>	<del> </del>
	- rd.an Loan2		ļ	ļ	<u> </u>			ļ		
1.2.2	- Indian Loan2 Draw down	+	<del> </del>	<del> </del>		<u> </u>		<u> </u>	<u></u>	
	An our t		1	i	:	:	İ	<u> </u>		1
	)C] :		<u> </u>	<u> </u>	<u> </u>					
1 1 2	Finalisting Indian Loan3	<del></del>	ļ	tcharges	+	:	<u> </u>	<u> </u>		<del></del>
1.2 3	!Indian Loan.) Draw down		<del>                                     </del>	Amount				<u>L</u> _		· <u></u>
	TDC						ļ	<u> </u>		
	Filhanding	<del></del>		charges	+	<del> </del>		<u> </u>		•
1.2.4		<del> </del>				<u> </u>	<u> </u>	-	<del>.</del>	
							ļ	<u> </u>		
			<u> </u>	<b>4</b>	<del> -</del>	<del> </del>	ļ	ļ	<del></del> —	
12	Total Ind.an Loans	+	+			1	<b></b>		İ	^
	Craw down			Amount				Ţ		1
	E DC		<u> </u>	Ciamaina	<del> </del>		<u> </u>	1	!	+
	Charges		<u> </u>	Fi nanci ng	+	1		<u> </u>	<u>+                                     </u>	
1	Total of Loans diawn	Ī		4.44.04				:		
	I DC	-	·		+	-	-	<del>!</del>	ļ	.
	Financing changes Foreign Exchange Rate		:		+	1	<del> </del>	<del></del>	· <del> </del>	+
	Variation						L	<u>.</u>	<u> </u>	<u> </u>
	Hedging Cost					1	ļ			<u> </u>
9	Equity				+		<del> </del>	<b></b>		<del> </del>
			·	<u> </u>				İ		
2	Foreign equity drawn					ļ	<del></del>	ļ,	<u> </u>	ļ
	; z jedian equity crawn		<del></del> -	<del> </del>	+	<del> </del>	<del>                                     </del>	<del>-</del>	<del> </del>	-
	7 6 15 2000 555501 7 5510 551					<u> </u>		ď.	İ	
	·						3.1			

St. No.	Draw Down	Quarter 1			Quarter ?			Quarter n	(COD)	
	Particulars	Quantum in	Exchange	Arnount in	Quantum	Exchange	Amount	Quantum	Exchange	Amount
	ĺ	Foreign	Rate on draw	Indian Rupee	in Foreign	Rate on	in Indian	to Foreign	Rate on	in Indian
		currency	cown date	(Rs Lakh)	currency	craw	Rupee (Rs	currency	draw	Rupee (9
				[		down	Lakh)		down	Lakh)
		!		i		cate	!		date	
	Fotal equity				-	:	:			
	deployed	i		!			!		:	
Note:				•						<b></b>
<ol> <li>Drawal of dubt and symit</li> </ol>	te God by on as hasserbed spanish o	ose la live 11 e los amosada	migs, he little Gar	مروم مجروباك كمه	reachts Lager	chaging results	c.L.Ge			
2. Applicable interest, ates	including reset dates used for annivery	might at an iday og Graese	nd separately							
3. In case of multi-mit pro-	ect details of capitatication ratio used a	e tac filemished							Ţ	

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PART	<b>-</b> I
FORM-	14A

## Actual Cash Expenditure

Name of the Company Name of the Power Station

## UP JAL VIDYUT NIGAM LIMITED UGC HYDRO POWER PLANT

			T	(Amount in Rs. Lakh
Particulars	Quarter-l	Quarter-II	Quarter-III	Quarter- n (COD)
Payments to contractors / suppliers				73700
towards capital assets				
% of fund deployment		NIL		

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

- ()″ -- (Petitioner)

#### PART-1 FORM- 15 B

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

Name of the Company Name of the Power Station :

Month	Unit	Design Energy	Designed Peaking Capability (MW)
April			
	11		
	III		
E.	Total	2.63	
Мау	1		
	[il		
	Total	2.72	
June			
	11		1
	Total	2.53	
λJnlλ	<u> </u>		
	il		
	III		
A		2.72	
August	<u> </u>		
	Total	2.72	
september			
	II II II II II II II II II II II II II		
Ostalian	Total	2.63	
October	<u>l</u>		
		-	
	Total	2.72	
November	1	2.72	
1072111001			
	lotal	2.63	
December	1		
	ll		
<u> </u>	[otal	2.72	
January	[		
· · · · · · · · · · · · · · · · · · ·	: .		·
	III		
	Total	2.72	<del></del>
February	·-··		
	:		
	Total	2.45	
March	1		
· · ·			-
	Total	7.77	<del></del>
			Petitioner

PART-I	
FORM- 15	8

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

Name of the Company

Month	Unit	Design Energy	Designed Peaking Capability (MW)*
April	l		A STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STA
	If	NIL	
	111		
Мау	1		
	11		
1	111		
June	1		
	11		
	[]]		
July	1		
	11		
	111		

PART-I	
FORM-1	ĸ

## Liability Flow Statement

Name of the Company Name of the Power Station:

Party	Asset/Work	Year of Actual Capitalisation	Original Liability	Liability as on 31.03.2014	Discharges (Yearwise)	Reversa (Yearwis
	NIL					
						<u>.</u>

## Appendix-I

# TARIFF FILING FORMS BELKA HYDRO POWER STATION

#### Summary Sheet

Name of the Company Name of the Power Station:

Region

**UP JAL VIDYUT NIGAM LIMITED BELKA HYDRO POWER PLANT** State: UTTAR PRADESH

S. No.	Particulars		2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
1	2		3	4	5	6	7	8
1.1	Depreciation	Rs Crore	0.79	1.02	1.02	1.02	0.24	0.24
1.2	Interest on Loan	Rs Crore	1.26	1.15	1.02	0.89	0.82	0.79
1.3	Return on Equitys	Rs Crore	0.00	0.00	0.00	0.00	0.00	0.00
1.4	Interest on Working Capital	Rs Crore	0.08	0.07	0.07	0.07	0.06	0.06
1.5	O & M Expenses	Rs Crore	0.64	0.68	0.73	0.78	0.83	0.88
	Total		2,77	2.92	2.84	2.76	1.94	1.97

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

## Statement Showing Claimed Capital Cost

Name of the Company Name of the Power Station : Region UP JAL VIDYUT NIGAM LIMITED BELKA HYDRO POWER PLANT State: UTTAR PRADESH

5. No.	Particulars	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7	8
	Opening Capital Cost	17.92	17.92	17.92	17.92	17.92	17.92
	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
	Less: Reversal during the year / period						
	Add: Discharges during the year / period						
	Closing Capital Cost	17.92	17.92	17.92	17.92	17.92	17.92
	Average Capital Cost	17.92	17.92	17.92	17.92	17.92	17.92

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## FORM- 1 (II) Statement Showing Return on Equity

Name of the Company Name of the Power Station :

Region

UP JAL VIDYUT NIGAM LIMITED BELKA HYDRO POWER PLANT State: UTTAR PRADESH

S. No.	Particulars	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	- 6	7	8
	Opening Equity	0.00	0.00	0.00	0.00	0.00	0.00
	Add: Increase due to addition during the year / period	0.00	0.00	0.60	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	0.00
	Less: Decrease due to reversal during the year / period						
	Add: Increase due to discharges during the year / period	Ĭ			,		
	Closing Equity	0.00	0.00	0.00	0.00	0.00	0.00
	Average Equity	0.00	0.00	0,00	0.00	0.00	0.00
	Rate of ROE	15.50%	15.00%	15.00%	15.00%	15.00%	15.00%
	Return on Equity	0.00	0.00	0.00	0.00	0.00	0.00



PART-I FORM- 2

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

Name of the Company: Name of the Power Station :

	Unit	Existing 2018-19	201 <del>9</del> -20	2020-21	2021-22	2022-23	2023-24
Installed Capacity ( MW)	MW	3.00	3.00	3.00	3.00	3.00	3.00
Free power to home state	%	0%	0%	0%	0%	0%	0%
Date of commercial operation (actual/anticipated)		01-01-2003	01-01-2003	01-01-2003	01-01-2003	01-01-2003	01-01-2003
Type of Station							
a ) Surface/underground	-	Surface	Surface	Surface	Surface	Surface	Surface
b ) Purely ROR/ Pondage/Storage		Canal based	Canal based	Canal based	Canal based	Canal based	Canal based
c ) Peaking/non-peaking		Non-peaking	Non-peaking	Non-peaking	Non-peaking	Non-peaking	Non-peaking
d ) No, of hours of peaking							
e ) Overload capacity(MW) & períod							
Type of excitation	1						
a) Rotating exciters on generator		\$tatic	Static	Static	5tatic	\$tatic .	Static
b) Static excitation		Static	Static	Static	Static	Static	Static
Design Energy (Annual)	MU						
Auxiliary Consumption including Transformation losses	%	1%	1%	1%	1%	1%	1%
Normative Plant Availability Factor (NAPAF)	%	85	85	85	85	85	85
Maintenance Spares for WC	INR Crores	0.10	0.10	0.11	0.12	0.12	0.13
Receivables for WC	INR Crores	0.46	0.36	0.35	0.34	0.24	0.24
Base Rate of Return on Equity	%	15%	15%	15%	15%	, 15%	15%
SBI Base Rate + 350 basis points as on 2	%	12 25%	12.25%	12.25%	12.25%	12.25%	12.25%
	<b>,</b> , ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					Petitioner	

PART-FORM-3

Sallent Features of Hydroelectric Project UP JAL VIDYUT NIGAM EIMITED Name of the Company BELKA HYDRO POWER PLANT Name of the Power Station 1. Location State/Dist. UP/Shahranpur River Yamuna Canal 2, Diversion Tunnel Size, shape Length (M) 3. Dam Τγρε Maximum dam height (M) 4. Spiltway Туре Crest level of spillway (M) 5. Reservoir Full Reservoir Level (FRL) (M) Minimum Oraw Down Level (MDOL) (M) Live storage (MCM) 6. De-sitting Chamber Туре Number and Size Particle size to be removed(mm) 7. Head Race Tunnel Size and type Length (M) Design discharge(Cumecs) 8. Surge Shaft Type Diameter (M) Height (M) 9. Penstock/Pressure shafts Type Diameter & Length (M) 10. Power House (2x 1.5) Installed capacity (No of units x MW) Fully Kaplan, Horizontal, Tubular (s) type Type of turbine \$.70 M Rated Head(M) Rated Discharge(Cumecs) 25 m³/sec 6.24 M Head at Full Reservoir Level (M) Head at Manimum Draw down Level (M) 1770 KW MW Capability at FRL MW Capability at MDDL 11. Tall Race Tunnel/Channel Drameter (M) , shape tength (M) Minimum tail water level (M) 12. Switchyard Type of Switch gear No. of generator bays 2

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

No. of Bus coupler bays

No of line bays

1 1.

Amount 13 (Rs. Lakh) FORM- 4 PART-I Exchange 15 Rate Year 3 Currency) Amount Date (Foreign 11 10 Amount Φ (Rs. Lakh) UP JAL VIDYUT NIGAM LIMITED Exchange **BELKA HYDRO POWER PLANT** Rate Year 2 Currency) (Foreign Amount (Details only in respect of loans applicable to the project under petition) Date Amount S (Rs. Lakh) The second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second secon Amount (Foreign Exchange Currency) Year 1  $\exists$ ~ Date At the date of Drawl or at the beginning to the year of the period  $^{2}$ At the date of Drawl or at the beginning to the year of the period  $^{\circ}$ Exchange Rate at COD or 31.03.2004, whichever is later Scheduled repayment date of principal Scheduled repayment date of principal Scheduled payment date of interest Exchange Rate as on 31.03.2014 Scheduled payment date of interest Financial Year (Starting from COD) Name of the Power Station At the end of Financial year At the end of Financial year Name of the Company At the date of hedging At the date of hedging In case of Hedgings In case of Hedgings Currency31 & so on Period of hedging Period of hedging Cost of hedging Cost of hedging Currency21 Currency1

12   13   13   13   13   13   13   13	Financial Year (Starting from COD)		Year 1				Ϋ́	Year 2			-	Year 3	
Rate Lakh)  Rate Lakh)  Rate Currency)  Rate (Foreign Rate Lakh)  Rate Lakh)  Rate Lakh)  Currency)  Rate Rate (Foreign Rate Lakh)  Currency)  Rate Lakh)  Currency)  Rate Rate (Foreign Rate Lakh)  Currency)  Rate Rate (Foreign Rate Lakh)  Currency)  Rate Rate (Foreign Rate Lakh)  Currency)  Rate Rate (Foreign Rate Lakh)  Currency)  Rate Rate (Foreign Rate Lakh)  Currency)  Rate Rate (Foreign Rate Lakh)  Currency)  Rate Rate (Foreign Rate Lakh)  Currency)  Rate Rate (Foreign Rate Rate Rate Rate Rate Rate Parkh)  Currency)  Rate Rate (Foreign Rate Rate Rate Rate Rate Rate Rate Rate		7	3	4	25	9	7	8	6	10	11	12	13
At the date of Drawl or at the beginning to the year of the period 2  Scheduled repayment date of principal  Scheduled payment date of interest  At the end of Financial year  At the end of Financial year  At the end of Financial year  I Name of the currency to be mentioned e.g. US \$, DM, etc. etc.  In case of more than one drawl during the year, Exchange rate at the date of each drawl to be given.  Furnish details of hedging, in case of more than one hedging during the year or part hed** ng, details of each hedging are to be given.  Furnish details of hedging, in case of more than one hedging during the year or part hed** ng, details of each hedging are to be given.  Tax (such as withholding tax) details as applicable including change in rates, date from "hich change effective etc. must be clearly indicated.		Date	Amount (Foreign Currency)	Exchange Rate	Amount (Rs. Lakh)	Date		Exchange Rate	Amount (Rs. Lakh)	Date	Amount (Foreign Currency)	ınge	
Scheduled repayment date of principal Scheduled payment date of interest  At the end of Financial year  At the end of Financial year  At the end of Financial year  At the end of Financial year  At the end of Financial year  At the end of Financial year  At the end of Financial year  At the end of Financial year  At the end of Financial year  At the end of Financial year  At the end of Financial year  At the end of Financial year  At the end of Financial year  At the end of Financial year  At the end of Financial year  At the end of Financial year  At the end of Financial year  At the end of Financial year  At the end of Financial year  At the end of Financial year  At the end of Financial year  At the end of Financial year  At the end of Financial year  At the end of Financial year  At the end of Financial year  At the end of Financial year  At the end of Financial year  At the end of Financial year  At the end of Financial year  At the end of Financial year  At the end of Financial year  At the end of Financial year  At the end of Financial year  At the end of Financial year  At the end of Financial year  At the end of Financial year  At the end of Financial year  At the end of Financial year  At the end of Financial year  At the end of Financial year  At the end of Financial year  At the end of Financial year  At the end of Financial year  At the end of Financial year  At the end of Financial year  At the end of Financial year  At the end of Financial year  At the end of Financial year  At the end of Financial year  At the end of Financial year  At the end of Financial year  At the end of Financial year  At the end of Financial year  At the end of Financial year  At the end of Financial year  At the end of Financial year  At the end of Financial year  At the end of Financial year  At the end of Financial year  At the end of Financial year  At the end of Financial year  At the end of Financial year  At the end of Financial year  At the end of Financial year  At the end of Financial year  At the end of Financia	At the date of Drawl or at the beginning to the year of the period <sup>2</sup>												
Scheduled payment date of interest  At the end of Financial year  At the end of Financial year  At the end of Financial year  At the end of Financial year  At the end of Financial year  At the end of Financial year  At the end of Financial year  An the end of Financial year  An the end of Financial year  An the end of Financial year  An the end of Financial year  An the end of Financial year  An the end of Financial year  An the end of Financial year  An the end of Financial year  An the end of Financial year  An the end of Financial year  An the end of Financial year  An the end of Financial year  An the end of Financial year  An the end of Financial year  An the end of Financial year  An the end of Financial year  An the end of Financial year  An the end of Financial year  An the end of Financial year  An the end of Financial year  An the end of Financial year  An the end of Financial year  An the end of Financial year  An the end of Financial year  An the end of Financial year  An the end of Financial year  An the end of Financial year  An the end of Financial year  An the end of Financial year  An the end of Financial year  An the end of Financial year  An the end of Financial year  An the end of Financial year  An the end of Financial year  An the end of Financial year  An the end of Financial year  An the end of Financial year  An the end of Financial year  An the end of Financial year  An the end of Financial year  An the end of Financial year  An the end of Financial year  An the end of Financial year  An the end of Financial year  An the end of Financial year  An the end of Financial year  An the end of Financial year  An the end of Financial year  An the end of Financial year  An the end of Financial year  An the end of Financial year  An the end of Financial year  An the end of Financial year  An the end of Financial year  An the end of Financial year  An the end of Financial year  An the end of Financial year  An the end of Financial year  An the end of Financial Year  An the end of Financial Year	Scheduled repayment date of principal												
At the end of Financial year  1 Name of the currency to be mentioned e.g. US\$, DM, etc. etc. 2 In case of more than one drawl during the year or part hechors are the details of hedging, in case of more thanone hedging during the year or part hechors. 3 Furnish details of hedging, in case of more thanone hedging during the year or part hechors. In the context of hedging are to be given 4 Tax (such as withholding tax) details as applicable including change in rates, date from which change effective etc. must be clearly indicated.	Scheduled payment date of interest												
<sup>1</sup> Name of the currency to be mentioned e.g. US \$, DM, etc. etc. <sup>2</sup> In case of more than one drawl during the year, Exchange rate at the date of each drawl to be given. <sup>5</sup> Furnish details of hedging, in case of more thanone hedging during the year or part hedging are to be given <sup>4</sup> Tax {such as withholding tax} details as applicable including change in rates, date from ∴hich change effective etc. must be clearly indicated.	At the end of Financial year												
	<sup>1</sup> Name of the currency to be mentioned e.g. US \$, DM, etc. etc. <sup>2</sup> In case of more than one drawl during the year, Exchange rate at the di <sup>2</sup> Furnish details of hedging, in case of more thanone hedging during the y <sup>4</sup> Tax (such as withholding tax) details as applicable including change in rai	ate of each d year or part h tes, date fron	rawl to be given. ec'ng, details of ee n∵hich change effe	ach hedging ctive etc. m	are to be gust be clear	given 1y indical	ted.					,	

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Exchange Amount Rate (Rs. Lakh) 13 FORM- 4 (A) 12 Year 3 Date (Foreign R Amount 11 ន Exchange Amount (Rs. Lakh) g) UP JAL VIDYUT NIGAM LIMITED BELKA HYDRO POWER PLANT ∞ Year 2 **Details of Foreign Equity**(Details only in respect of loans applicable to the project under petition) Currency) Amount (Foreign φ Date Furnish details of hedging, in case of more thanone hedging during the year or part hedging, details of each hedging are to be given Exchange Amount
Rate (Rs. Lakh) 'n Year 1 (Foreign Currency) Amount 불 N Date Name of the currency to be mentioned e.g. US \$, DM, etc. etc. Exchange Rate as on 31.03.2014 Financial Year (Starting from COD) Name of the Power Station Name of the Company At the date of infusions At the date of infusions At the date of infusions Currency31 & so on Currency21 Currency1

PART-I FORM-5

### Abstract of Admitted Capital Cost for the existing Projects

Name of the Company: Name of the Power Station: UP JAL VIDYUT NIGAM LIMITED BELKA HYDRO POWER PLANT

Capital Cost as admitted by

UPERC

	Capital Cost as admitted by UPERC	
a	Capital cost admitted as on	
	(Give reference of relevant UPERC Order with Petition	
	No.& Date)	
b	Foreign Component, if any (In Million US \$ or the	
	relevant currency)	
С	Foreign Exchange rate considered for the admitted	NIII
	Capital cost (Rs Lakh)	INIL
d	Total Foreign Component (Rs. Lakh)	
e	Domestic Component (Rs. Lakh.)	
<u> </u>	Hedging cost, if any, considered for the admitted	
T	Capital cost (Rs Lakh)	
	Total Capital cost admitted (Rs. Lakh) (d+e+f)	,

#### Abstract of Capital Cost Estimates and Schedule of Commissioning for the New projects

Name of the Company: Name of the Power Station: **UP JAL VIDYUT NIGAM LIMITED** BELKA HYDRO POWER PLANT

New Projects

Capital Cost Estimates

NIL

Board of Director/ Agency approving the Capital cost	t						
estimates:							
Date of approval of the Capital cost estimates:	<u> </u>						
		esent Da		1	mpleted Co		
Price level of approved estimates	As of End year		Qtr. Of the	As on So Station	heduled Co	DD of the	
Fundamental Combol control				<del>                                      </del>			
Foreign Exchange rate considered for theCapital cost	-						
estimates	+			<del> </del>			
Capital Cost excluding IDC & FC	<del>                                     </del>	<u> </u>					
Capital Cost excitoling for the fire				<del> </del>			
Foreign Component, if any (In Million US \$ or the relevant Currency)	,		NIL				
Domestic Component (Rs. Cr.)							
Capital cost excluding IDC & FC (Rs. Cr)							
				ļ			
IDC & FC							
		:					
Foreign Component, if any (In Million US \$ or the relevant Currency)	1						
				ļ			
Domestic Component (Rs. Cr.)	<u> </u>						
	<del>                                     </del>			-			
Total IDC & FC (Rs.Cr.)	<del>                                     </del>	<u></u>	1	-			
	<u> </u>						
Rate of taxes & duties considered	<b></b>		1				
0 10 10 10 10 10 10 10 10 10 10 10 10 10	<del> </del>		-				
Capital cost Including IDC & FC	<del> </del>	<u> </u>	-	ļ			
Foreign Component, if any (In Million US \$ or the	<u> </u>						<u> </u>
relevant Currency)		<u> </u>		ļ	<u> </u>		
D	1			+			
Domestic Component (Rs. Cr.)	-			+-			
	<del>                                     </del>						
Capital cost Including IDC & FC (Rs. Cr)							
Schedule of Commissioning	ļ	<u> </u>					
COD of Unit-I/Block-I					<u> </u>		
	<del>                                     </del>	<u></u>		<u> </u>	<u> </u>		
COD of Unit-II/Block-II	1	<u></u>		1			-
4-4-1-1-1-1-1	<u> </u>			1			-
	<u> </u>			1			1
			ļ			<u></u>	-
COD of last Unit/Block	1	1	1	1	ì	I	1

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



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

Name of the Company: Name of the Power Station:

#### UP JAL VIDYUT NIGAM LIMITED BELKA HYDRO POWER PLANT

		Cost in 8	Rs. Crores	11-1-11-1		
Si.No.	Break Down	As per original Estimates	As on COD	Liabilities/ Provisions (5)	Variation (Rs. Cr.)	Reasons for Variation
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1.0	Infrastructure Works		,,,,		, ,	1.
1.1	Preliminary including Development	<u> </u>				
1.2	Land	1				
1.3	R&R expenditure		· ·			
1.4	Buildings					
1.5	Township		ļ			
1.6	Maintenance		1			
1.7	Tools & Plants	+	NIL			
1.8	Communication	· · · · · · · · · · · · · · · · · · ·	1			
1.9	Environment & Ecology					
1.10	Losses on stock	1				
1.11	Receipt & Recoveries	<del> </del>	1			
1.12	Total (Infrastructure )works					
1.12	Total (mirastructure )works	+	+		· ··· ··· ···	<del></del>
2 ^	Marine Civil Warks	<del>                                     </del>	ļ	h		
2.0	Major Civil Works	<del> </del>	+			
2.1	Dam, Intake & Desilting chambers		<del> </del>			
2.2	HRT, TRT, Surge Shaft & Pressure shafts Power Plant civil works		+			
2.3			<del> </del>			
2.4	Other civil works (to be specified)					
2.5	Total (Major Civil Works)					
		+				
3.0	Hydro Mechanical equipments	<del> </del>				
4.0	Plant & Equipment					
4.1	Initial spares of Plant & Equipment	1		ļ		
4.2	Total (Plant & Equipment)					
		<b>-</b>				
5.0	Taxes and Duties	<del>                                     </del>				
5.1	Custom Duty	ļ				
5.2	Other taxes & Duties					
5.3	Total Taxes & Outies					
6.0	Construction & Precommissioning expenses					
6.1	Erection, testing & commissioning					
6.2	Construction Insurance					
6.3	Site supervision					
6.4	Total (Const. & Precommissioning)					
7.0	Overheads					
7.1	Establishment					
7.2	Design & Engineering					
7.3	Audit & Accounts					
7.4	Contingency					
7.5	Rehabilitation & Resettlement			1		
	Total (Overheads)	+		<del> </del>		
·	Total (Overlieads)	+		<u> </u>		
8.0	Capital Cost without IDC, FC, FERV & Hedging Cost	+				
<u>a.u</u>	Capital Cost Without IDC, FC, FCRV & Heaging Cost	+	<del>                                     </del>	-		
	IDC EC EEDV 9 Hadring Cost	+	<del>                                     </del>			
9.0	IDC, FC, FERV & Hedging Cost	1	-			
9.1	Interest During Construction (IDC)		·	-		
9.2	Financing Charges (FC)	1	<del>                                     </del>	<del> </del>		
9.3	Foreign Exchange Rate Variation (FERV)	1				
9,4	Hedging Cost	<u> </u>	ļ	-		
9.5	Total of IDC, FC, FERV & Hedging Cost	1	<del> </del>	ļ <u></u>		-
			<del> </del>			<u> </u>
10	Capital cost including IDC, FC, FERV & Hedging Cost	1			Ŀ	(

#### Note

In case of cost variation, a detailed note giving reasons of such variation should be submitted clearly indicating whether such cost over-run was beyond the control of the ating company

In case of both time & cost overrun, a detailed note giving reasons of such time and cost over-run should be submitted clearly bringing out the agency responsible and hether such time and cost overrun was beyond the control of the generatingcompany.

		Cost in F	ts. Crores	Liabilities/		
Si.No.	Break Down	As per original Estimates	As on COD	Provisions (5)	Variation (Rs. Cr.)	Reasons for Variation
(1)	{2}	(3)	(4)	(5)	(6)	(7)

- The implication on cost due to time over run, ifany shall be submitted separately giving details of increase in prices in different packages from scheduled COD to Actual cipated COD, increase in IEDC from scheduled COD to actual COD/anticipated COD and increase of IDC from scheduled COD to actual anticipated COD.
- Impact on account of each reason for Time over run on Cost of project should be quantified and substantiated with necessary documents and supporting workings.
- A list of balance work assets/work wise including initial spare on original scope of works along with estimate shall be furnished positively

PART-I
ORM-SC

## FORM-SC Break-up of Capital Cost for Plant & Equipment (NewProjects)

Name of the Company : Name of the Power Station :

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## UP JAE VIDYUT NIGAM LIMITED BELKA HYDRO POWER PLANT

3 Generation publish & Accessories Generation publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publish of the publi	S. No.	Variables	Original Cost as approved by Authority/Investine of Approval (1)	Original Cost as approved by Authority/Investment Approval (1)	Variation	Reasons for Variation*
Generator peckage In Tubble peckage Unit control based Oct of a peckage In State of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service	1	Generator, turbine & Agressories				
Tubline package		1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.		i		
Unit control bord  Scil package  But but of Cit connection  Teal (Generates tubbine & Accessories)  Teal (Generates tubbine & Accessories)  Jaminus Pictorial automore  Jose of transformer  Unit Audient Transformer  Sation transformer  Sation transformer  Sation transformer  Sation transformer  Sation transformer  Sation transformer  Sation transformer  Sation transformer  Sation transformer  Sation transformer  Sation transformer  Sation transformer  Sation transformer  Sation transformer  Sation transformer  Sation transformer  Sation transformer  Sation transformer  Sation transformer  Sation transformer  Sation transformer  Sation transformer  Sation transformer  Sation transformer  Sation transformer  Sation transformer  Sation transformer  Sation transformer  Sation transformer  Sation transformer  Sation transformer  Sation transformer  Tole decrement of them Paland Southryand  Discharge of them Paland Southryand  Discharge of them Paland Southryand  Discharge equipment & services for power  station  Concience  Decrement  Online crease  Decrement  Discharge & devoted tring  yearing  Year supply system  Or Canding quarter system  Discharge & devoted tring  yearing  Vices recognition and Posting  Vices recognition and Posting  Vices recognition and Posting  Vices recognition and Posting  Vices recognition and Posting  Vices recognition and Posting  Vices recognition and Posting  Vices recognition and Posting  Vices recognition and Posting  Vices recognition and Posting  Vices recognition and Posting  Vices recognition and Posting  Vices recognition and Posting  Vices recognition and Posting  Vices recognition and Posting  Vices recognition and Posting  Vices recognition and Posting  Vices recognition and Posting  Vices recognition and Posting  Vices recognition and Posting  Vices recognition and Posting  Vices recognition and Posting  Vices recognition and Posting  Vices recognition and Posting  Vices recognition and Posting  Vices recognition and Posting  Vices recognition and Posting  Vices recognition an						:
Coll package  Use Dust of Cit Connection  Trail Generator, turbine & Accessories)  J. Austinity Electrical autisment  Use Austinity Plectrical autisment  Use Austinity Plectrical autisment  Use Austinity Plectrical autisment  Use Austinity Plectrical autisment  Use Austinity Plectrical autisment  Use Austinity Plectrical autisment  Second  Station transferment  SEADA  Station transferment  SEADA  Selfcages, Rateries, Dic dist. Reard  Telescentimus Austinities Collegament  Humministration of Electrical Austinities  International Collegament  Austinities, grounding  Disted promovabra (eds.)  Total (Austinity Returbinities)  Austinities, grounding  Disted promovabra (eds.)  Total (Austinity Returbinities)  Second Collegament & services for power station  Other cromes  Second Collegament & services for power station  Other cromes  Second Collegament & services for power station  Other cromes  Second Collegament & services for power station  Other cromes  Second Collegament & services for power station  Other cromes  Second Collegament & services for power station  Other cromes  Second Collegament & services for power station  Other cromes  Second Collegament & services for power station  Other cromes  Second Collegament & services for power station  Other cromes  Second Collegament & services for power station  Other cromes  Second Collegament & services for power station  Other Collegament & services for power station of the services for power station of the services for power station of the services for power station of the services for power station of the services for power station of the services for power station of the services for power station of the services for power station of the services for power station of the services for power station of the services for power station of the services for power station of the services for power station of the services for power station of the services for power station of the services for power station of the services for power station of the services for power sta		- to 1 9/1-				
Out Dut Let GET Commission Total (Simus for Labrius & Accessories)  Austiliany Electrical quipment See you mandatume Under Accessory Total care Statement States as a see your mandatume States as a see your mandatume States as a see your mandatume States as a see your mandatume States as a see your mandatument States as a see your mandatument States as a see your mandatument States as a see your mandatument States as a see your mandatument States as a see your mandatument States as a see your mandatument States as a see your mandatument States as a see your mandatument States as a see your mandatument States as a see your mandatument States as a see your mandatument States as a see your mandatument States as a see your mandatument States as a see your mandatument States as a see your mandatument States as a see your mandatument States as a see your mandatument States as a see your mandatument States as a see your mandatument States as a see your mandatument States as a see your mandatument States as a see your mandatument States as a see your mandatument States as a see your mandatument States as a see your mandatument States as a see your mandatument States as a see your mandatument States as a see your mandatument States as a see your mandatument States as a see your mandatument States as a see your mandatument States as a see your mandatument States as a see your mandatument States as a see your mandatument States as a see your mandatument States as a see your mandatument States as a see your mandatument States as a see your mandatument States as a see your mandatument States as a see your mandatument States as a see your mandatument States as a see your mandatument States as a see your mandatument States as a see your mandatument States as a see your mandatument States as a see your mandatument States as a see your mandatument States as a see your mandatument States as a see your mandatument States as a see your mandatument States as a see your mandatument States as your mandatument States as your mandatumen				NIL	·	
Total (Generator, Lurbino & Accessories)  J. Audilloy Escritical quipment  Size up transformer  Unit Analysis Transformer  Variations of Station of Accessories (Control of Station of Accessories)  Station stransformer  Scope  Scope  Scope  Scope  Subtinity Escritics, DC rist, Roard  Tokumamur, michior equipment  Illumination of Clars, PH and Switchyand  Cope as Code  Subrit genorance (Est)  Total Examination of Clars, Phanad Switchyand  Subrit genorance (Est)  Total Examination of Clars, Phanad Switchyand  Other crowners (Est)  Subrit genorance (Est)  Total Canadam Station (Company)  J. Subrit genorance (Est)  Subrit genorance (Est)  Total Canadam Station (Company)  J. Subrit genorance (Est)  J. Subrit genorance (Est)  J. Subrit genorance (Est)  J. Subrit genorance (Est)  J. Subrit genorance (Est)  J. Subrit genorance (Est)  J. Subrit genorance (Est)  J. Subrit genorance (Est)  J. Subrit genorance (Est)  J. Subrit genorance (Est)  J. Subrit genorance (Est)  J. Subrit genorance (Est)  J. Subrit genorance (Est)  J. Subrit genorance (Est)  J. Subrit genorance (Est)  J. Subrit genorance (Est)  J. Subrit genorance (Est)  J. Subrit genorance (Est)  J. Subrit genorance (Est)  J. Subrit genorance (Est)  J. Subrit genorance (Est)  J. Subrit genorance (Est)  J. Subrit genorance (Est)  J. Subrit genorance (Est)  J. Subrit genorance (Est)  J. Subrit genorance (Est)  J. Subrit genorance (Est)  J. Subrit genorance (Est)  J. Subrit genorance (Est)  J. Subrit genorance (Est)  J. Subrit genorance (Est)  J. Subrit genorance (Est)  J. Subrit genorance (Est)  J. Subrit genorance (Est)  J. Subrit genorance (Est)  J. Subrit genorance (Est)  J. Subrit genorance (Est)  J. Subrit genorance (Est)  J. Subrit genorance (Est)  J. Subrit genorance (Est)  J. Subrit genorance (Est)  J. Subrit genorance (Est)  J. Subrit genorance (Est)  J. Subrit genorance (Est)  J. Subrit genorance (Est)  J. Subrit genorance (Est)  J. Subrit genorance (Est)  J. Subrit genorance (Est)  J. Subrit genorance (Est)  J. Subrit genorance (Est)  J. Subrit genorance (						
Auxiliary Electrical quipment  See up Transformer  Unit Auxiliary Transformer  Vocal Supply  Section Unaddomer  SCADA  Section Unaddomer  SCADA  Section Unaddomer  Telecommunication equipment  Illumination of Burn, PH and Switzyard  Gate & Cable  Scales  Gate & Cable  Scales  Total Elawariary Peter Equipment  Total Elawariary Peter Equipment  Other crosses  Electric fifts & exectors  Conting water system  Othange & Environment  Street Burning  System  Street Burning  Street Burning  Water Swedy system  Of Smalling equipment  Air Conditioning,  versilation and healing  Water Swedy system  Of Smalling equipment  Total Elawariary system  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burning  Street Burn						
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	8	Total Cost (Plant & Equipment) including IDC, FC, FERV & Hedging Cost	:			L

	Breaklup of Construction/Supply/Service packages			<b>B</b>	ak-up of C	onstruction	aS/ylddns/n	rvice packages					PART-I FORM-5D
Na. Nar	Name of the Company: Name of the Power Station;						UP JAL VIDY BELKA HYI	UP JAL VIDYUT NIGAM LIMITED BELKA HYDRO POWER PLANT	ED F				
SI., 0	SI.N Name/No. of Construction o. / Supply / Service Package	Scope of works 1 (in line with head of cost break-ups as applicable)	Whether awarded through ICB/DCB/ Depatmentally/ Deposit Work	No. of bids received	Date of Award	Date of Start of work	Date of Completion of Work	Vafue of Award Escalation in in (Rs. Cr.)		Actual expenditure till the completion or up to COD whichever is earlier(Rs.Cr.)	Taxes & Duties and IEDC (Rs. Lakh)	IDC, FC, FERV & Hedging cost (Rs. Lakh)	Sub -total {10+11+12} (Rs. Lakh)
≘	(2)	(3)	(4)	(5)	(9)	E	(8)	(6)	(10)	(11)	(12)	(13)	(14)
								:					
			NIL										
<u> </u>													
					- 174 EROC-								
													NA MINO
F	The scope of work in any package should be indicated in conformity of Capital cost breal	age should be indicate	ed in conformity of Capi	ital cost brea	ak-up for th	e coal based	d plants in the	k-up for the coal based plants in the FORM-5B to the extent possible.	extent possible				
- 1 U.S.	If there is any package, which read to be shown in Indian Rupee and foreign currency(ies), the sameshould be shown separately along with the currency, the exchange rate and the date e.g. Rs 86 Cr. +USSS0m=Rs.390Cr. at US\$=Rs6 2 s on say 01.04.14.	reced to be shown in	i Indian Rupee and fore	ign currency	r(ies), the si	ameshould	be shown sep	arately along with	n the currency,	the exchange rate s	and the date e	.g. Rs 86 Cr. +U.	5\$50m=Rs.390Cr. at
												Petitioner	

the transfer of the

and the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second o

## In case there is cost over run

Name of the Company : Name of the Power Station :

			Rs. Crores		_	Admitted
SI.No.	Break Down	As per original Estimates	As on COD	Variation( Rs. Cr.)	Reasons for Variation	Cost (Rs Cr.)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1.0	Cost of Land & Site Development	<u>`````````</u>			)	
1.1	Land					
1.2	Rehabilitation & Resettlement (R&R)					
1.3	Preliminary Investigation & Site development	"		<u> </u>		" <del>-</del> '
<del>.</del>	Total Land & Site Development		0	0	O	
2.0	Plant & Equipment					
2.1	Steam Turbine generator Island					
2.2	Turbine Generator Island					
2.3	BOP Mechanical					
2.3.1	Fuel Handling & Storage system					
2.3.2	External water supply system					
2.3.3	CW system					
2.3.4	Cooling Towers					
2.3.5	DM water Plant				ļ ļ	
2.3.6	Clarification plant				<u> </u>	
2.3.7	Chlorination Plant					
2.3.8	Air condition & Ventilation System					
2.3.9	Fire Fighting system					
2.3.10	HP/LP Piping					
	Total BOP Mechanical		0 0	0	0	
2.5	BOP Electrical					
2.5.1	Switch Yard Package				ļ	
2.5.2	Transformers package				<u> </u>	
2.5.3	Switch gear Package			· 	<u> </u>	
2.5.4	Cable , Cable Facilities & grounding				<u> </u>	
2.5.5	Lighting			ļ		
2.5.6	Emergency D.G. set					
	Total BOP Electrical		0	0	0	
2.6	C & I Package					
	Total Plant & Equipment excluding taxes & Duties					
2.7	Taxes and Duties					
2.7.1	Custom Duty		<del>                                     </del>			
2.7.2	Other Taxes & Duties					
	Total Taxes & Duties		0 0	0	0	•
	Total Plant & Equipment(with taxes & Duties)			i		
3.0	Initial spares	1				
4.0	Civil Works		<del> </del>			
4.1	Main plant/Adm. Building	<del>                                     </del>	<del> </del>			
4.2	External water supply system		+	<del> </del>	<u> </u>	<u> </u>
4.3	CW system			<del>                                     </del>		
4.4	Cooling Towers					
4.5	DM water Plant					
4.6	Clarification plant			1		
4.7	Fuel Handling & Storage system			1		
4.8	Township & Colony					
4.9	Temp. construction & enabling works			<del></del>		
4.10	Road & Drainage				1 344	
4.11	Fire Fighting system		_		0	
	Total Civil works	1	0 (	) (		

		Cost in	Rs. Crores			Admitted
SI.No.	Break Down	As per original Estimates	As on COD	Variation( Rs. Cr.)	Reasons for Variation	Cost (Rs. Cr.)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
5.0	Construction & Pre- Commissioning Expences	<u> </u>				
5,1	Erection Testing and commissioning					
5.2	Site supervision					
5.3	Operator's Training	· · · · · · · · · · · · · · · · · · ·				
5.4	Construction Insurance					
5.5	Tools & Plant					
5.6	Start up fuel					
	Total Construction & Pre-Commissioning Expences	,	0	) 0	o	
6.0	Overheads	1	<u> </u>			
6.1	Establishment					
6.2	Design & Engineering					
6.3	Audit & Accounts					
6.4	Contingency	1				
	Total Overheads		5 0	) 0	0	
7.0	Capital cost excluding IDC & FC					
7.1	Interest During Construction (IDC)					
7.2	Financing Charges (FC)					
8.0	Capital cost including IDC & FC					

#### Note:

Note: Impact on account of each reason for Cost overrun should be quantified and substantiated with necessary documents and supporting workings.

		ln case	case there is time over run				PART-I FORM- SEII
Name of the Company Name of the Power Station				UP JAL VID' BELKA HY	UP JAL VIDYUT NIGAM LIMITED BELKA HYDRO POWER PLANT	IMITED LANT	
	Original Schedule (As per Planning)	edule ning)	Actual Sche	Actual Schedule (As per Actual)	Time Over- Run	Reasons for delay	Other Activity effected (Mention S. No. of activity affected)
Description of Activity/ Works/ Service	Start Date	Completion Date	Actual Start Dat	Actual Completion Dat	days		
		NIL					
						reulioner	

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#### Financial Package upto COD

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

## UP JAL VIDYUT NIGAM LIMITED BELKA HYDRO POWER PLANT

	Financial Package	as Approved	Financial Pack	age as on COD	As Admitte	ed on COD
ļ	Currency and	Amount₃	Currency a	nd Amount₃	Currency ar	nd Amounts
1	2	3	4	5	6	7
Loan-I						
Loan-II			NIL			
Loan-III						
Foreign						
Domestic						
Total loan(Rs)						
Equity-		:				
Foreign						
Domestic		:				
Total Equity( Rs)						
Debt : Equity Ratio						

- 1. Say Rs. 80 Cr. + US\$ 200 m or Rs. 1320 Cr. including US\$ 200 m at an exchange rate of US\$=Rs62
- 2. Provide details on commercial operation as on COD of each Unit
- 3. For example: US \$ 200m, etc.

্রণ Petitioner

#### Details of Project Specific Loans

#### Name of the Company Name of the Power Station

Particulars	Package1	Package2	Package3	Package4	Package5	Package6
1	2	3	4	5	6	7
Loan No.						
Source of Loan						
Currency						
Amount of Loan sanctioned			NIL			
Amount of Gross Loan drawn upto 31.03.2014/COD						
Interest Type						
Fixed Interest Rate, if applicable						
Base Rate, if Floating Interest						
Margin, if Floating Interest						
Are there any Caps/Floor						
If above is yes, specify caps/floor						
Moratorium Period						
Moratorium effective from						
Repayment Period						
Repayment effective from	·					
Repayment Frequency						
Repayment Instalment						
Base Exchange Rate						

<sup>&</sup>lt;sup>1</sup> Source of loan means the agency from whom the loan has been taken such as WB, ADB, WMB, PNB, SBI, ICICI, IFC, PFC etc.

<sup>&</sup>lt;sup>2</sup> Currency refers to currency of loan such as US\$, DM, Yen,Indian Rupee etc.

<sup>&</sup>lt;sup>3</sup> Details are to be submitted as on 31.03.2014 for existing assets and as on COD for the remaining assets.

<sup>&</sup>lt;sup>4</sup> 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 be given seperately in the same form.

<sup>&</sup>lt;sup>15</sup> 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 form.

Interest type means whether the interest is fixed or floating.

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

<sup>&</sup>lt;sup>8</sup> Margin means the points over and above the floating rate.

<sup>&</sup>lt;sup>19</sup> At times caps/floor are put at which the floating rates are frozen. If such a condition exists, specify the limits.

<sup>&</sup>lt;sup>10</sup> Moratorium period refers to the period during which loan servicing liability is not required.

 $<sup>^{11}</sup>$  Repayment period means the repayment of loan such as 7 years, 10 years, 25 years etc.

<sup>&</sup>lt;sup>12</sup> Repayment frequency means the interval at which the debt servicing is to be done such as monthly, quarterly, half yearly, annual, etc.

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

if the repayment instalment amount and repayment date can not be worked out from the data furnished above, the repayment schedule to be furnished seperately.

 $<sup>^{15}</sup>$  In case of Foreign loan,date of each drawal & repayment alongwith exchange rate at that date may be given.

<sup>&</sup>lt;sup>16</sup> Base exchange rate means the exchange rate prevailing as on 31.03.2004 for existing assets and as on COD for the remaining assets

#### Details of Allocation of corporate loans to various projects

Name of the Company Name of the Power Station

Particulars	Package1	Package2	Package3	Package4	Package5	Package6	Package7	Total
1	2	3	4	5	6	7	8	9
Source of Loan								
Currency								
Amount of Loan sanctioned		]	NIL					
Amount of Gross Loan drawn upto		1						
31.03.2012/COD				l				
Interest Type								
Fixed Interest Rate, if applicable		j				-		
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							<u> </u>	
Repayment Instalment	•	-						
Base Exchange Rate								
		]	L					
ni dil Buttura		;	1	I				
Name of the Projects				<u>.</u>				:
		i !	<del> </del>					
· · · · · · · · · · · · · · · · · · ·			<u> </u>					
		<u> </u>						
		<u> </u>						
			<del> </del>					
			<del> </del>					
			<b> </b>					
		ļ						
Total		L.,						

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

Currency refers to currency of loan such as US\$, 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 be given seperately in the same form.

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 form.

Interest type means whether the interest is fixed or floating.

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

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.

<sup>&</sup>lt;sup>to</sup> Moratorium period refers to the period during which loan servicing liability is not required.

<sup>&</sup>lt;sup>11</sup> Repayment period means the repayment of loan such as 7 years, 10 years, 25 years etc.

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

<sup>13</sup> 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

<sup>&</sup>lt;sup>14</sup> If the repayment instalment amount and repayment date can not be worked out from the data furnished above, the repayment schedule to be furnished seperately.

<sup>&</sup>lt;sup>15</sup> In case of Foreign loan, date of each drawal & repayment alongwith exchange rate at that date may be given.

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

### Statement of Additional Capitalisation after COD

Name of the Company
Name of the Power Station

## UP JAL VIDYUT NIGAM LIMITED BELKA HYDRO POWER PLANT

For FY

			ACE Claimed (Actu	al/ Projected)		Regulations		Admitted Cost b
SI.No.	Head of Work/ Equipment	Accrual basis	Undischarged Liability included in col. 3	Cash basis	IDC included in col. 3	under which claimed	Justification	the Commission if any
(1)	(2)	(3)	(4)	(5=3-4)	(6)	(7)	(8)	(9)
								<del> </del>
			NiL .					
							· ···	
					1			
			<u> </u>		<del> </del>			
	<u> </u>							
				N= 10				
	TOTAL							

#### Note:

2 In case initial spares are purchased alongwith any equipment, then the cost of such spares should be indicated separately. e.g. Rotor - 50 Crs. Initial spares- 5 Crs.

<sup>1</sup> Fill the form in chronological order year wise along with detailed justification clearly bring out the necessity and the benefits accruing to the beneficiaries.

PART-I FORM-9B

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

Name of the Company Name of the Power Station

## UP JAL VIDYUT NIGAM LIMITED BELKA HYDRO POWER PLANT

SI.No.	Year	Work / Equipment added	Amount capitalised /Proposed to be capitalised (Rs Lakh)	Justification	Impact on life extension
(1)	(2)	(3)	(4)	(9)	(10)
			NIL		
					<u> </u>
					]
		TOTAL			-

#### Note:

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

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PART-I FORM-9Bi

## Details of Assets De-capitalized during the period

Name of the Company Name of the Power Station

## UP JAL VIDYUT NIGAM LIMITED BELKA HYDRO POWER PLANT

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 til date of de- capitalization
(1)	(2)	(3)	(4)	(5)	
,,		NIL			
		:			
			· · ·		<del></del> .
				<u> </u>	
					<del></del>
		TOTAL			

Note:

Year wise detail need to be submitted.

PART-I	
FORM-9C	

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

Name of the Company Name of the Power Station **UP JAL VIDYUT NIGAM LIMITED BELKA HYDRO POWER PLANT** 

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

Note:

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

## Statement showing items/assets/works claimed under Exclusions

Name of the Company Name of the Power Station

# UP JAL VIDYUT NIGAM LIMITED BELKA HYDRO POWER PLANT

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

#### Note:

<sup>1</sup> Exclusions claimed on assets not allowed in Tariff should be supported by the specific reference ofCommission Order date, Petition No., amount disallowed, etc.

<sup>2</sup> For inter unit transfer, nature of transfer i.e.temporary or permanent should be mentioned. It is to be certified that exclusion

## PART-I FORM-9E

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

Name of the Company: Name of the Power Station:

# UP JAL VIDYUT NIGAM LIMITED BELKA HYDRO POWER PLANT

Amount in Rs. Lakh

		Amount in Rs. Lakh		
S. No.	Variables	As on Relevant Date		
Α	Opening Gross Block Amount 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	NIL		
	Amount of FERV in A(a) above			
	Amount of Hedging Cost in A(a) above	1		
	Amount of IEDC in A(a) above			
В	Addition in Gross Block Amount during the period (Direct purchases)			
	Amount of capital liabilities in B(a) above			
	Amount of IDC in B(a) above	<del> </del>		
	Amount of FC in B(a) above	- · · · · · · · · · · · · · · · · · · ·		
	Amount of FERV in B(a) above			
	Amount of Hedging Cost in B(a) above			
	Amount of IEDC in B(a) above			
С	Addition in Gross Block Amount during the period (Transferred from CWIP)			
	Amount of capital liabilities in C(a) above			
	Amount of IDC in C(a) above			
	d) Amount of FC in C(a) above	- "		
	e) Amount of FERV in C(a) above			
	f) Amount of Hedging Cost in C(a) above			
	g) Amount of IEDC in C(a) above			
D	a)Deletion in Gross Block Amount during the period			
	b) Amount of capital liabilities in D(a) above	<del>"</del>		
	c) Amount of IDC in D(a) above	<u> </u>		
	d) Amount of FC in D(a) above			
	e) Amount of FERV in D(a) above			
	f) Amount of Hedging Cost in D(a) above			
	g) Amount of IEDC in D(a) above			
E	a)Closing Gross Block Amount as per books			
-	b) Amount of capital liabilities in E(a) above	1		
	c) Amount of IDC in E(a) above			
	d) Amount of FC in E(a) above	1		
	e) Amount of FERV in E(a) above			
	f) Amount of Hedging Cost in E(a) above			
	g) Amount of IEDC in E(a) above	1		
	A	·		

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

## PART-I FORM-9F

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

Name of the Company: Name of the Power Station:

# UP JAL VIDYUT NIGAM LIMITED BELKA HYDRO POWER PLANT

Amount in Rs. Lakh

		Amount in Rs. Lakh
S. No.	Variables	As on Relevant Date
Α	Opening CWIP as per books	
	Amount of capital liabilities in A(a) above	NIL
	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	
,	Amount of capital liabilities in B(a) above	
	Amount of IDC in B(a) above	
	Amount of FC in B(a) above	
	Amount of FERV in B(a) above	
	Amount of Hedging Cost in B(a) above	
	Amount of IEDC in B(a) above	
С	Transferred to Gross Block Amount during the period	
	Amount of capital liabilities in C(a) above	
	Amount of IDC in C(a) above	
· · · · · · · · · · · · · · · · · · ·	Amount of FC in C(a) above	
	Amount of FERV in C(a) above	
	Amount of Hedging Cost in C(a) above	
	Amount of IEDC in C(a) above	
D	a)Deletion in CWIP during the period	
	b) Amount of capital liabilities in D(a) above	
	c) Amount of IDC in D(a) above	
	d) Amount of FC in D(a) above	
	e) Amount of FERV in D(a) above	
<u></u>	f) Amount of Hedging Cost in D(a) above	
	g) Amount of FEDC in D(a) above	
E	a)Closing CWIP as per books	
·	b) Amount of capital liabilities in E(a) above	
	c) Amount of IDC in E(a) above	
	d) Amount of FC in E(a) above	
	e) Amount of FERV in E(a) above	
	f) Amount of Hedging Cost in E(a) above	
	g) Amount of IEDC in E(a) above	

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

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FORM-10 Financing of Additional Capitalisation PART-1 Year 5 & so on Ħ Amount in Rs Lakh Year4 ដ Year3 Year 2 UP JAL VIDYUT NIGAM LIMITED BELKA HYDRO POWER PLANT Year 1 Admitted 2. Loan details for meeting the additional capitalisation requirement should be given as per FORM-7 or 8 whichever is relevant. Year 5 & so on Year4 LA 1. Year 1 refers to Financial Year of COD and Year 2; Year 3 etc. are the subsequent financial years respectively. Year3 Year 2 Ī Year 1 Actual Date of Commercial Operation Name of the Power Station (Starting from COD) Financial Year Name of the Company Amount Captalized in Internal Resources Others (PL specify) Work/Equipment Financing Details Loan-3 and so on Total Loan<sup>2</sup> Loan-1 Loan-2 Equity Note: Total

Name of the Company Name of the Power Station

#### UP JAŁ VIDYUT NIGAM LIMITED BELKA HYDRO POWER PLANT

(Amount in Rs Crore)

FY 2018-19

SJ.No.	Name of the Asset <sup>1</sup>	Gross Block as on 31.03.2018 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
	(1)	(2)			(3)	4= Coi.2 X Col.3
1	Land & Land Rights	-				-
2	Temporary Structure	-			2.57%	-
3	Buildings	0.61118			2.57%	0.0
4	hydraulic Works	10.56			1 80%	0.1
5	Other Civil works	0,33			2.57%	0.0
6	Plant & Machinery	6.13			2 57%	0.10
7	Lines, Cables, Networks Etc.				6.00%	-
8	Vehicles	0.11			18.00%	0.0
9	Furniture & Fixtures	0.05			6.00%	0.0
10	Office Equipments	0.09			6.00%	0.0
11	Capital Spares at Generating Stations	0.03			2.57%	0.0
12	Electric Equipments				2.57%	-
13	Survey Equipments	-	,		2.57%	-
14	Tools & Tackles	0.01			<b>2</b> .57%	0.0
15	Electric Installation	0.00			2.57%	0.0
16	Steel Shuttering	-			3.60%	-
17	Library Book	0.00			2,57%	0.0
18	Wooden Frames	-			18.00%	
19	Wireless Set	-			3.60%	-
20	Computers	0.00			2.57%	0.0
	TOTAL	17.92	-	-	4.41%	0.79
	Weighted Average Rate of Depreciation (%)					

\*Provide details of Freehold land and Lease hold land separately

Note:

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

Name of the Company Name of the Power Station

# UP JAL VIDYUT NIGAM LIMITED BELKA HYDRO POWER PLANT

FY 2019-20

			1	FY 2019-20	Depreciation	
SI.No.	Name of the Asset'	Gross Block as on 31.03.2018 or as on COD	Additions During the Year as per provisional accounts	Adjustment for deletion of units	Rates as per CERC's Depreciation Rate Schedule	Depreciation Amount
	(1)	(2)			(3)	4= Col.2 X Col.
1	Land & Land Rights	-			-	-
2	Temporary Structure	-			100.00%	-
3	Buildings	0.61			3.34%	0.0
4	hydraulic Works	10.56			5.83%	0.6
5	Other Civil works	0.33			3.34%	0.0
6	Plant & Machinery	6.13			5.83%	0.3
7	Lines, Cables, Networks Etc.	-			5.83%	-
8	Vehicles	0.11			5.83%	0.0
9	Furniture & Fixtures	0.05			6.33%	0.0
10	Office Equipments	0.09			6.33%	0.0
11	Capital Spares at Generating Stations	0.03			5.83%	0.0
12	Electric Equipments				5.83%	-
13	Survey Equipments	-			5.83%	-
14	Tools & Tackles	0.01			5.83%	0.0
15	Electric Installation	0.00			5.83%	0.0
16	Steel Shuttering	<u>-</u>			5.83%	-
17	Library Book	0.00			5.83%	0.0
18	Wooden Frames	-			100.00%	-
19	Wireless Set	-			6.33%	-
20	Computers	0.00			6.33%	0.0
	TOTAL	17.92	-		5.70%	1.0
	Weighted Average Rate of Depreciation (%)					

<sup>\*</sup>Provide details of Freehold land and Lease hold land separately

#### Note

੍ਹਾਂ Petitioner

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

Name of the Company Name of the Power Station

# UP JAL VIDYUT NIGAM LIMITED BELKA HYDRO POWER PLANT

FY 2020-21

Sl.No.	Name of the Asset'	Gross Block as on 31.03.2018 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
	(1)	(2)			(3)	4= Col.2 X Col.3
1	Land & Land Rights	-				-
2	Temporary Structure	-			100.00%	-
3	Buildings	0.61			3.34%	0.02
4	hydraulic Works	10.56			5.83%	0.62
5	Other Civil works	0.33			3.34%	0.01
6	Plant & Machinery	6.13			5.83%	0.36
7	Lines, Cables, Networks Etc.	-			5.83%	-
8	Vehicles	0.11			5.83%	0.01
9	Furniture & Fixtures	0.05			6.33%	0.00
10	Office Equipments	0.09			6.33%	0.01
11	Capital Spares at Generating Stations	0.03			5.83%	0.00
12	Electric Equipments	-			5.83%	-
13	Survey Equipments	-			5.83%	-
14	Tools & Tackles	0.01			5.83%	
15	Electric Installation	0.00	<u> </u>		5.83%	0.00
16	Steel Shuttering	-			5.83%	
17	Library Book	0.00			5.83%	0.00
18	Wooden Frames				100.00%	
19	Wireless Sct	-			6.33%	
20	Computers	0.00			6.33%	0.00
	TOTAL	17.92	-	-	5.70%	1.02
	Weighted Average Rate of Depreciation (%)					

<sup>\*</sup>Provide details of Freehold land and Lease hold land separately

Note

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

FORM-11

# Calculation of Depreciation

Name of the Company Name of the Power Station

# UP JAL VIDYUT NIGAM LIMITED BELKA HYDRO POWER PLANT

FY 2021-22

Sl.No.	Name of the Asset'	Gross Block as on 31.03.2018 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)			(3)	4= Col.2 X Col.3
1	Land & Land Rights	-			-	-
2	Temporary Structure	-			100.00%	-
3	Buildings	0.61			3.34%	0.0
4	hydraulic Works	10.56			5.83%	0.6
5	Other Civil works	0.33	:		3.34%	0.0
6	Plant & Machinery	6.13			5.83%	0,3
7	Lines, Cables, Networks Etc.	-			5.83%	-
8	Vehicles	0.11			5.83%	0.0
9	Furniture & Fixtures	0.05			6.33%	0.0
10	Office Equipments	0.09			6.33%	0.0
11	Capital Spares at Generating Stations	0.03			5.83%	0.0
12	Electric Equipments	-			5.83%	
13	Survey Equipments	-			5.83%	-
14	Tools & Tackles	0.01			5.83%	0.0
15	Electric Installation	0.00			5.83%	0.0
16	Steel Shuttering	-			5.83%	-
17	Library Book	0.00			5.83%	0.0
18	Wooden Frames	-			100.00%	
19	Wireless Set				6.33%	
20	Computers	0.00			6.33%	0.0
	TOTAL	17.92	-	-	5.70%	1.0
	Weighted Average Rate of Depreciation (%)					

<sup>\*</sup>Provide details of Freehold land and Lease hold land separately

#### Note:

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

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Name of the Company Name of the Power Station

# UP JAL VIDYUT NIGAM LIMITED BELKA HYDRO POWER PLANT

FY 2022-23

SI.No.	Name of the Asset'	Gross Block as on 31,03,2018 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)			(3)	4= Col.2 X Col.3
1	Land & Land Rights	-			-	-
2	Temporary Structure	-			100.00%	-
3	Buildings	0.61			3.34%	0.02
4	hydraulic Works	10.56			5.83%	0.62
5	Other Civil works	0.33			3.34%	0.01
6	Plant & Machinery	6.13			5.83%	0.36
7	Lines, Cables, Networks Etc.				5.83%	-
8	Vehicles	0.11			5.83%	0.01
9	Furniture & Fixtures	0.05			6.33%	0.00
10	Office Equipments	0.09			6.33%	0.01
11	Capital Spares at Generating Stations	0.03			5.83%	0.00
12	Electric Equipments	-			5.83%	-
13	Survey Equipments	-			5.83%	-
14	Tools & Tackles	0.01			5.83%	0.00
15	Electric Installation	0.00			5.83%	0.00
16	Steel Shuttering	-			5.83%	-
17	Library Book	0.00			5.83%	0.00
18	Wooden Frames	-			100.00%	-
19	Wireless Set	-			6.33%	
20	Computer:	0.00			6.33%	0.00
	TOTAL	17.92	-	-	5.70%	1.02
	Weighted Average Rate of Depreciation (%)	10.000				

<sup>\*</sup>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.

Name of the Company Name of the Power Station

# UP JAL VIDYUT NIGAM LIMITED BELKA HYDRO POWER PLANT

FY 2023-24

SI.No.	Name of the Asset <sup>1</sup>	Gross Block as on 31.03.2018 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)			(3)	4= Col.2 X Col.3
1	Land & Land Rights	-			-	-
2	Temporary Structure	-			100.00%	-
3	Buildings	0.61			3.34%	0.02
4	hydraulic Works	10,56			5.83%	0.62
5	Other Civil works	0.33			3.34%	0.01
6	Plant & Machinery	6.13			5.83%	0.36
7	Lines, Cables, Networks Etc.	-			5.83%	-
8	Vehicles	0.11			5.83%	0.01
9	Furniture & Fixtures	0.05			6.33%	0.00
10	Office Equipments	0.09			6.33%	0.01
11	Capital Spares at Generating Stations	0.03			5.83%	0.00
12	Electric Equipments				5.83%	_
13	Survey Equipments	-			5.83%	-
14	Tools & Tackles	0.01			5.83%	0.00
15	Electric Installation	0.00	· .		5.83%	0.00
16	Steel Shuttering	-			5.83%	
17	Library Book	0.00			5.83%	0.00
18	Wooden Frames	-			100.00%	-
19	Wireless Set				6.33%	
20	Computers	0.00			6.33%	0.00
	TOTAL	17.92	-	-	5.70%	1.02
	Weighted Average Rate of Depreciation (%)					

\*Provide details of Freehold land and Lease hold land separately

#### Note:

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

## Statement of Depreciation

Name of the Company Name of the Power Station

# UP JAL VIDYUT NIGAM LIMITED BELKA HYDRO POWER PLANT

(Amount in Rs Crore)

S. No.	Particulars	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7	8
	Opening Capital Cost	17.92	17.92	17.92	17.92	17.92	17.92
	Closing Capital Cost	17.92	17.92	17.92	17.92	17.92	17.92
	Average Capital Cost	17.92	17.92	17.92	17.92	17.92	17.92
	Freehold land						
	Rate of depreciation	4.41%	5.70%	5.70%	5.70%	5.70%	5.70%
	Depreciable value	16.13	16.13	16.13	16.13	16.13	16.13
	Balance useful life at the beginning of the period	74	23	22	21	20	19
	Remaining depreciable value	8.59	7.80	6.78	5.76	4.73	4.49
	Depreciation (for the period)	0.79	1.02	1.02	1.02	0.24	0.24
	Depreciation (annualised)	0.79	1.02	1.02	1.02	0.24	0.24
	Cumulative depreciation at the end of the period	8.33	9.35	10.37	11.40	11.64	11.88
	Less: Cumulative depreciation adjustment on account of un-discharged liabilities deducted as on 01.04.2009/Station COD						
*****	Less: Cumulative depreciation adjustment on account of de-capitalisation						
	Net Cumulative depreciation at the end of the period	8.33	9.35	10.37	<b>1</b> 1.40	11.64	11.88

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

## FORM-13 Calculation of Weighted Average Rate of interest on Actual Loans

Name of the Company Name of the Power Station

# UP JAL VIDYUT NIGAM LIMITED BELKA HYDRO POWER PLANT

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

#### Note:

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

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# Calculation of Interest on Normative Loan

Name of the Company Name of the Power Station

#### UP JAL VIDYUT NIGAM LIMITED BELKA HYDRO POWER PLANT

(Amount in Rs Crore)

S. No.	Particulars	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7	8
	Gross Normative loan – Opening						
	Cumulative repayment of Normative loan upto previous year						
	Net Normative loan - Opening	10.65	9.86	8.84	7.82	6.79	6.55
	Add: Increase due to addition during the year / period	0.00	0.00	0.00	0.00	0.00	0.00
	Less: Repayment during the year	0.79	1.02	1.02	1.02	0.24	0.24
	Less: Decrease due to reversal during the year / period	0.00	0.00	0.00	0.00	0.00	0.00
	Add: Increase due to discharges during the year / period						
	Net Normative loan - Closing	9.86	8.84	7.82	6.79	6.55	6.31
	Average Normative loan	10.26	9.35	8.33	7.30	6.67	6.43
	Weighted average rate of interest	12.25%	12.25%	12.25%	12.25%	12.25%	12.25%
	Interest on Loan	1.26	1.15	1.02	0.89	0.82	0.79



## Calculation of Interest on Working Capital

Name of the Company Name of the Power Station

# UP JAL VIDYUT NIGAM LIMITED BELKA HYDRO POWER PLANT

S. No.	Particulars	Existing 2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	
1	2	3	4	5	6	7	8	
	O & M expenses for the year	0.64	0.68	0.73	0.78	0.83	0.88	
	O & M Expenses	0.05	0.06	0.06	0.06	0.07	0.07	
	Maintenance Spares	0.10	0.10	0.11	0.12	0.12	0.13	
	Receivables	0.46	0.36	0.35	0.34	0.24	0.24	
	Total Working Capital	0.61	0.52	0.52	0.52	0.43	0.45	
	Rate of Interest	13.50%	13.50%	13.50%	13.50%	13.50%	13.50%	
	Interest on Working Capital	0.08	0.07	0.07	0.07	, 0.06	0.06	

PART-I FORM- 13C

# Other Income as on COD in the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the line of the

Name of the Company Name of the Power Station

# UP JAL VIDYUT NIGAM LIMITED BELKA HYDRO POWER PLANT

(Amount in Rs Lakh)

S, No.	Particulars	Existing 2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
1	Interest on Loans and advance						
2	Interest received on deposits						
3	Income from Investment		NIL				
4	Income from sale of scrap						
5	Rebate for timely payment						
6	Surcharge on late payment from beneficiaries						
7	Rent from residential building	j					
8	Misc. receipts (Please Specify Details)						
	(add)						
		\$		!		Ι,	

PART-I FORM-13D

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

Name of the Company Name of the Power Station

# UP JAL VIDYUT NIGAM LIMITED BELKA HYDRO POWER PLANT

Amount in Rs Lakh

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

PART-I FORM-14

## Draw Down Schedule for Calculation of IDC & Financing Charges

Name of the Petitioner
Name of the Generaling Station

UP JAL VIDYUT NIGAM LIMITED BELKA HYDRO POWER PLANT

Name of the Generaling Static	on		BELKA HYDRO POWER PLANT									
CI No.	Draw Passa	Duarter +		<del></del>	Quarter 2			Quarter n (	1 (COD)			
SI. Na.	Draw Down Particulers	Quarter t Quantum in	Exchange	Amount in	Quarter 2	Exchange	Amount		Exchange	Amount		
	Particulers	Foreign		Indian Rupee	in Foreign		in Indian		Rate on	in Indian		
		currency	down date	(Rs Lakh)	currency	draw	Rupee (Rs		draw	Rupee (R		
		Currency	down date	ins Earn)	turie,	dawn	Lakh]		down	Lakh)		
		1				date	,		date	,		
1	Loans					Ť						
1	Foreign Loans				l .							
			NR.				<u> </u>					
1.1.1	Foreign Loan'				<u> </u>		<u> </u>		<u> </u>	ļ. <u>.</u>		
	Draw down Amount	1		<b></b>	<b>├</b>		ļ	<u> </u>		-		
	IDC.	1	<del> </del>	<del>                                     </del>	<del> </del>		<u> </u>			<u>ļ</u>		
	Financing charges	· · · · · · · · · · · · · · · · · · ·		<del> </del>	├──	<del> </del>		<b></b>		-		
	Foreign Exchange Rate			1	1			i		1		
	Variation		+	<del>                                     </del>	<del> </del>		+			<del> </del>		
	Hedging Cost		<del>                                     </del>		├──	<del> </del>	+			<del> </del>		
1.1.2	Fore gn Loan2	· · · · · ·	<del>                                     </del>		$\vdash$							
	Draw down Amount		1		1							
	IDC											
	Financing charges											
	Foreign Exchange Rate											
	Variation	<u> </u>				ļ						
	Hedging Cost					<u> </u>		ļ	<u> </u>	<u>-</u>		
				<del>                                     </del>	+	<del> </del>	+	-	<del> </del>	<del> </del>		
1.1.3	Foreign Loan3	<del> </del>	+	<del>                                     </del>	<del> </del>	1	+	ļ	<del> </del>	<del> </del>		
	Draw down	-	<del> </del>	<del> </del>	<del> </del>	<del>-</del>	+	<del> </del>	<del></del>	<del> </del>		
	Amount	+	<del>                                     </del>	<del> </del>	+	┼	+	<del> </del>	<del></del>			
	Financing charges	1	<del> </del>	+		<del> </del>	+	<del> </del>	<del>                                     </del>	<u> </u>		
	Foreign Exchange Rate	· · · · · - · - · - · - · - · - · · · ·	<del></del>	+	+	<del> </del>	+	<del></del>				
	Variation											
	Hedging Cost	<del>                                     </del>	<del></del>		<del></del>		<del></del>	<b>†</b>				
	Heaging cost	+	<del></del>			+		<del> </del>				
1.1.4												
					1							
						l						
						<u> </u>	ļ					
			<del></del>	<del>                                     </del>			+			<u> </u>		
11.	Total Foreign Loans		+	<del>                                     </del>	<b>+</b>	┼	$\leftarrow$	<del></del>		<del></del>		
	Draw down Amount	-	+	<del> </del>	<del></del>	+	+	· · · · · · · · · · · · · · · · · · ·		<del> </del>		
	IDC Financing charges			<del> </del>	+		<del> </del>					
	Foreign Exchange Rate	1	†	<b>†</b>			<del>                                     </del>					
	Variation	1					1					
	Hedging Cost	1		ī · ···	+	<del>                                     </del>	1					
	The aging No.2				Ϊ ΤΤ					1		
	Indian Loans	1					Ţ			L		
							1	ļ		<u> </u>		
1.2.1	Indian Loan'	1										
	Draw cown			Amount	-	<u> </u>			ļ	<del>                                     </del>		
	IDC		ļ	ļ	——	<del> </del>	<b>↓</b>	<u> </u>		<del></del>		
<u></u>	charges	1		fi nanci ng	-	<del> </del>	<del></del>		<del> </del>	<del>                                     </del>		
	Indian Land		+	<del> </del>	<del>                                     </del>	<del> </del>	+			<del> </del>		
1.2.2	Indian Loan2 Draw down	<del></del>	i	<del>                                     </del>			+	1		1		
	Amount	+	1	<u> </u>	<del>                                     </del>	<del>                                     </del>	<del>                                     </del>	f				
	I DC	1	1		<u> </u>	<del>                                     </del>	1	1	t			
	Fi nanci ng		1	charges	T			ţ				
1.2.3	Indian Loan3	1	1							<u> </u>		
••	Draw down	T		Amount								
	I DC		1					1				
	Filinancing		.].	charges						<u> </u>		
			1	ļ	<b></b>	<u> </u>		<u> </u>	ļ	<del></del>		
1.2.4				<del></del>		<del> </del>	+	<del> </del>	=	<del> </del>		
			<del> </del>	ļ	<del> </del>	<del> </del>	+	<del> </del>		+		
		<del> </del>	<del> </del>	<del></del>	<del> </del>	<del> </del>	+	<del> </del>	<del></del>	+		
13	Total Indian Loans	+	<del>                                     </del>	<del> </del>	+	<del>                                     </del>	+	ł	<del></del>	<del>                                     </del>		
12	Draw down	+		Amount	+	<del>                                     </del>	+	<del> </del>	<del>                                     </del>	1		
	I DC	+	<del>                                     </del>	Amount	<del>                                     </del>	<del>                                     </del>	+	<del> </del>	t	1		
	charges	-	<del> </del>	Fi nanci ng	<del> </del>	<del>                                     </del>	†	1		1		
	Citarges	+	+	· · · · · · · · · · · · · · · · · · ·	1	†	<del> </del>	<del> </del>		1		
1	Total of Loans drawn	1	<del></del>			1						
·	1 DC					1	T	T.		I		
	Financing charges	1				I	I					
	Foreign Exchange Rate	T	1			]	T		1			
	Variation	1			<u> </u>				1			
	Hedging Cost	-			I							
			Τ.		7-3	1	T	1		1		
						+				+		
2	Equity	-						<u> </u>				

St. No.	Draw Down	Quarter 1	Quarter 1			Quarter 2			Quarter n (COD)		
	Particulars	Quantum in I	antum in Exchange Ar	Amount in	Quantum	Exchange	Amount	Quantum	Exchange	Amount	
		Foreign	Rate on draw	Indian Rupee	in Foreign	Rate on	in Indian	in Foreign	Rate on	in Indian	
		currency	down date	(Rs Lakh)	currency	draw	Rupee (Rs	currency	draw	Rupee (Rs	
		1				down	Lakh)		down	Lakh)	
	i					date			date	•	
2.	Foreign equity drawn						ļ				
	2.2 Indian equity drawn									· · · · ·	
	Total equity				<del>                                     </del>					<del></del>	
	dep oyed	1				l	J	1			

active:

1: Drawal of dept and equity shall be on panicassulbasis quarter wise to meet the commission-ngschedule. Drawal of higher equity in the beginning is permissible.

2: Applicable interest rates including reset dates used for above computation may be furnished separately.

3: In case of multi-unit project details of capitalization ratio used to be furnished.

PART	-1		
ORM.	1	Δ	ı

# Actual Cash Expenditure

Name of the Company Name of the Power Station

# UP JAL VIDYUT NIGAM LIMITED BELKA HYDRO POWER PLANT

(Amount in Rs. Lakh)

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

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

PART-I FORM- 15

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

Name of the Company Name of the Power Station: UP JAL VIDYUT NIGAM LIMITED BELKA HYDRO POWER PLANT

Month	Unit	Design Energy	Designed Peaking Capability (MW)*
April	l		
	II		
	III	NIL	
May	l		
	[[		
	III		
June	1		
	11		
	[1]		
July	l		
	II		
	III		1

## PART-I FORM- 15 B

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

Name of the Company Name of the Power Station: UP JAL VIDYUT NIGAM LIMITED BELKA HYDRO POWER PLANT

Month	Unit	Design Energy	Designed Peaking Capability (MW)*
April	l		
	H	NIL	
	(1)		
May	]		
	II		
	ļţļ		
June	l		
	ll l		
	111		
July	ì		
	II		
	III		

PART-I FORM-16

Petitioner

## Liability Flow Statement

Name of the Company

Name of the Power Station:

UP JAL VIDYUT NIGAM LIMITED BELKA HYDRO POWER PLANT

Party	Asset/Work	Year of Actual Capitalisation	Original Liability	Liability as on 31.03.2014	Discharges (Yearwise)	Reversal (Yearwise
	NIL					
** ***				<u> </u>		· •

# Appendix-I

# TARIFF FILING FORMS BABAIL HYDRO POWER STATION



## Summary Sheet

Name of the Company Name of the Power Station : Region UP JAL VIDYUT NIGAM LIMITED BABAIL HYDRO POWER PLANT State: UTTAR PRADESH

5. No.	Particulars		2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
1	2		3	4	5	6	7	8
1.1	Depreciation	Rs Crore	1.05	1.38	1.38	1.38	0.32	0.32
1.2	Interest on Loan	Rs Crore	1.68	1.53	1.36	1.19	1.08	1.04
1.3	Return on Equity:	Rs Crore	0.00	0.00	0.00	0.00	0.00	0.00
1.4	Interest on Working Capital	Rs Crore	0.11	0.09	0.09	0.10	80.0	0.08
1.5	O & M Expenses	Rs Crore	0.87	0.93	0.99	1.06	1,13	1.20
	Total	•	3.71	3.93	3.82	3.72	2.61	2.65

<sup>&</sup>lt;sup>1</sup> Details of calculations, considering equity as per regulation, to be furnished.



PART-I FORM- 1 (I)

## Statement Showing Claimed Capital Cost

Name of the Company Name of the Power Station : Region UP JAL VIDYUT NIGAM LIMITED BABAIL HYDRO POWER PLANT State: UTTAR PRADESH

S. No.	Particulars	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7	8
	Opening Capital Cost	24.21	24.21	24.21	24.21	24.21	24.21
	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
	Less: Reversal during the year / period						
	Add: Discharges during the year / period						
	Closing Capital Cost	24.21	24.21	24.21	24.21	24.21	24.21
	Average Capital Cost	24.21	24.21	24.21.	24.21	24.21	24.21

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PART-I FORM- 1 (II)

## Statement Showing Return on Equity

Name of the Company Name of the Power Station :

Region

UP JAŁ VIDYUT NIGAM LIMITED BABAIL HYDRO POWER PLANT State: UTTAR PRADESH

S. No.	Particulars	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7	8
	Opening Equity	0.00	0.00	0.00	0.00	0.00	0.00
	Add: Increase due to addition during the year / period	0.00	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	0.00
	Less: Decrease due to reversal during the year / period						
	Add. Increase due to discharges during the year / period						•
	Closing Equity	0.00	0.00	0.00	0.00	0.00	0.00
	Average Equity	0.00	0.00	0.00	0.00	0.00	0.00
	Rate of ROE	15.50%	15.00%	15.00%	15.00%	15.00%	15.00%
	Return on Equity	0.00	0.00	0.00	0.00	10.00	0.00

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PART-I FORM- 2

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

Name of the Company: Name of the Power Station:

#### UP JAL VIDYUT NIGAM LIMITED BABAIL HYDRO POWER PLANT

	Unit	Existing 2018-19	201 <del>9</del> -20	2020-21	2021-22	2022-23	2023-24
Installed Capacity ( MW)	MW	3.00	3.00	3.00	3.00	3.00	3.00
Free power to home state	%	0%	0%	0%	0%	0%	0%
Date of commercial operation (actual/anticipated)		16-07-2002	16-07-2002	16-07-2002	16-07-2002	16-07-2002	16-07-2002
Type of Station							
a ) Surface/underground		Surface	Surface	Surface	Surface	Surface	Surface
b ) Purely ROR/ Pondage/Storage		Canal based	Canal based	Canal based	Canal based	Canal based	Canal based
c ) Peaking/non-peaking		Non-peaking	Non-peaking	Non-peaking	Non-peaking	Non-peaking	Non-peaking
d ) No, of hours of peaking							`
e ) Overload capacity(MW) & period							
Type of excitation							
a) Rotating exciters on generator		Static	5tatlc	Static	Static	Static	Static
b) Static excitation		Static	Static	Static	Static	Static	Static
Design Energy (Annual)	MU						
Auxiliary Consumption including Transformation losses	%	1%	1%	1%	1%	1%	1%
Normative Plant Availability Factor (NAPAF)	%	85	85	85	85	85	85
Maintenance Spares for WC	INR Crores	0.13	0.14	0.15	0.16	0.17	0.18
Receivables for WC	INR Crores	0.62	0.48	0.47	0.46	0.32	0.33
Base Rate of Return on Equity	%	15%	15%	15%	15%	15%	15%
SBI Base Rate + 350 basis points as on 2	%	12.25%	12.25%	12.25%	12.25%	12.25%	12.25%
						Petitioner	

PART-I FORM-3

## Salient Features of Hydroelectric Project

Name of the Company

UP JAL VIDYUT NIGAM LIMITED BABAIL HYDRO POWER PLANT

	BABAIL HYDRO POWER PLANT	Г
1. Location		
State/Distt.	UP/Shahranpur	
River	Eastern Yamuna Canal	1
2. Diversion Tunnel		
Size, shape		
Length (M)		
3. Dam		
Туре		
Maximum dam height (M)		
4. Spillway		
Турс		
Crest level of spillway (M)		
5. Reservoir		
Full Reservoir Level (FRL) (M)		
Minimum Draw Down Level (MDDL) (M)		
Live storage (MCM)		
6. De-silting Chamber		1
Туре		
Number and Size		†· ··· ·
Particle size to be removed(mm)		
7. Head Race Tunnel		
Size and type		
Length (M)		
Design discharge(Cumecs)		
8. Surge Shaft		-
Туре		
D:ameter (M)		
Feight (M)		
9. Penstock/Pressure shafts		
Түре		
Diameter & Length (M)		
10. Power House		
Installed capacity (No of units x MW)	(2x 1.5)	
Type of turbine	Fully Kaplan, Horizontal, Tubular (s) type	
Rated Head(M)	5.70 M	
Rated Discharge(Cumecs)	24.4 m³/sec	
Head at Full Reservoir Level (M)	6.24 M	
Iread at Minimum Draw down Level (M)		
MW Capability at FRL	1892 KW	
MW Capability at MDDL		
11. Tail Race Tunnel/Channel		
Diameter (M) , shape		
Length (M)		
Minimum tail water level (M)		<u> </u>
12. Switchyard		
		-
Type of Switch gear	3	<del> </del>
		1
No. of generator bays No. of Bus coupler bays	1	

Note: Specify limitation on generation during specific time period(s) on account of restrictions on water use mue to irrigation, drinking water, industrial, environmental ansiderations acc

PART-I
FORM- 4
(Details only in respect of loans applicable to the project under petition)

UP JAL VIDYUT NIGAM LIMITED BABAIL HYDRO POWER PLANT

Name of the Company

Name of the Power Station

Exchange Rate at COD or 31.03.2004, whichever is later

Exchange Rate as on 31.03.2014

Financial Year (Starting from COD)		Year 1				Year 2	r 2			Ye	Year 3	
1	7	3	4	5	9	7	8	6	10	11	12	13
	Date	Amount (Foreign Currency)	Exchange Rate	Amount (Rs. I	Date	Amount (Foreign Currency)	Exchange Rate	Amount (Rs. I	Amount Date (Foreign Currency		Exchange (	Amount (Rs. Lakh)
Currency1 <sup>1</sup>												,
At the date of Drawl or at the beginning to the year of the period <sup>2</sup>												
Scheduled repayment date of principal						·						
Scheduled payment date of interest												
At the end of Financial year												
In case of Hedging3												
At the date of hedging												
Period of hedging												
Cost of hedging										:		
Currency2 <sup>2</sup>												
At the date of Drawl or at the beginning to the year of the period 2												
Scheduled repayment date of principal												
Scheduled payment date of interest												
At the end of Financial year												
In case of Hedgings												
At the date of hedging												
Period of hedging							*					
cost of hedging										<u>-</u>		
Currency32 & so on												

Financial Year (Starting from COD)		Year 1				Ye	Year 2			<b>*</b>	Year 3	
Water 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	2	8	4	5	9	7	80	6	10	11	12	13
	Date	Amount (Foreign Exchange Currency) Rate	Exchange Rate	Amount (Rs. Lakh)	Date	Amount (Foreign Currency)	Exchange Rate	Amount (Rs. Lakh)	Amount Date (Foreign Currer cy	_	Excharge Rate	Amount (Rs. Lakh)
At the date of Drawl or at the beginning to the year of the period 2												
Scheduled repayment date of principal												
Scheduled payment date of interest												
At the end of Financial year												
<sup>1</sup> Name of the currency to be mentioned e.g. US \$, DM, etc. etc. <sup>2</sup> In case of more than one drawl during the year, Exchange rate at the date of each drawl to be given. <sup>3</sup> Furnish details of hedging, in case of more thanone hedging during the year or part hedging, details of each hedging are to be given <sup>3</sup> Furnish details of hedging, in case of more thanone hedging during the year or part hedging, details of each hedging are to be given <sup>4</sup> Tax (such as withholding tax) details as applicable including change in rates, date from which change effective etc. must be clearly indicated.	ate of each di rear or part h	awi to be given. edging, details of e r which change effe	ach hedging ective etc. m	are to be g ust be clea	çiven ily indicat	ed.						
											est of	N.
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10 to 10 to 10 to 10 to

FORM-4 (A)

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

Exchange Rate as on 31.03.2014 Name of the Company Name of the Power Station

UP JAL VIDYUT NIGAM LIMITED BABAIL HYDRO POWER PLANT

Financial Year (Starting from COD)		Year 1				Ye	Year 2			Year 3	
1	2	æ	4	5	9	7	8	6	10 11	12	13
	Date	Amount (Foreign Currency)	Exchange Rate	_	Date	Amount (Foreign Currency)	Exchange Rate	Exchange Amount Rate (Rs. Lakh)	Amount Date (Foreign Currency)	Exchange ) Rate	Exchange Amount Rate (Rs. Lakh)
Currency1 <sup>1</sup>											
At the date of infusion2		NIL									
Currency2 <sup>1</sup>											
At the date of infusion2										:	
Currency3 <sup>3</sup> & so on											
At the date of infusion2											

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

<sup>2</sup> Furnish details of hedging, in case of more thanone hedging during the year or part hedging, details of each hedging are to be given

PART-I FORM-5

# Abstract of Admitted Capital Cost for the existing Projects

Name of the Company : Name of the Power Station : UP JAL VIDYUT NIGAM LIMITED BABAIL HYDRO POWER PLANT

Capital Cost as admitted by UPERC

<del></del>	Capital Cost as admitted by UPERC	
a	Capital cost admitted as on	
	(Give reference of relevant UPERC Order with Petition No.& Date)	
b	Foreign Component, if any (In Million US \$ or the relevant currency)	
¢	Foreign Exchange rate considered for the admitted Capital cost (Rs Lakh)	NIL
d	Total Foreign Component (Rs. Lakh)	
e	Domestic Component (Rs. Lakh.)	
f	Hedging cost, if any, considered for the admitted Capital cost (Rs Lakh)	
	Total Capital cost admitted (Rs. Lakh) (d+e+f)	

## Abstract of Capital Cost Estimates and Schedule of Commissioning for the New projects

Name of the Company : Name of the Power Station : UP JAL VIDYUT NIGAM LIMITED BABAIL HYDRO POWER PLANT

New Pr	oject	\$	
Capital	Cost	Esti	mates

NIL

Board of Director/ Agency approving the Capital cost						
estimates:				····		
Date of approval of the Capital cost estimates:				1 . 1		
		Day Cost		mpleted C		
Price level of approved estimates	As of End of _ year	Qtr. Of the	As on So Station	cheduled Co	DD of the	
Foreign Exchange rate considered for theCapital cost						
estimates	1					
Capital Cost excluding IDC & FC	1					
		"				
Foreign Component, if any (In Million US \$ or the relevant Currency)		NIL				
D						
Domestic Component (Rs. Cr.)						
Capital cost excluding IDC & FC (Rs. Cr)						
						·
IDC & FC						
Foreign Component, if any (In Million US \$ or the relevant Currency)						
Domestic Component (Rs. Cr.)						
Takel Inc 6 cc (n. ca)	ļ					
Total IDC & FC (Rs.Cr.)						
Rate of taxes & duties considered						
That of tands of action potistical ca						
Capital cost Including IDC & FC						• • • • • • • • • • • • • • • • • • • •
		"				
Foreign Component, if any (In Million US \$ or the relevant Currency)				,		
Domestic Component (Rs. Cr.)				<u> </u>		
Capital cost Including IDC & FC (Rs. Cr)						
Schedule of Commissioning						
COD of Unit-I/Block-I						
COD affiliate II/folast II	<del>  </del>					
COD of Unit-II/Block-II						
	<del> </del>					
	<del></del>					
COD of last Unit/Block	T					

#### Note:

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

Petitioner

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

Name of the Company: Name of the Power Station: UP JAL VIDYUT NIGAM LIMITED BABAIL HYDRO POWER PLANT

		Cost in I	Rs. Crores	Liabilities/		
Sl.No.	Break Down	As per original Estimates	As on COD	Provisions (5)	Variation (Rs. Cr.)	Reasons for Variation
(1)	(2)	{3}	(4)	(5)	(6)	(7)
1.0	Infrastructure Works					
1.1	Preliminary including Development					<b></b>
1.2	Land					
1.3	R&R expenditure					
1.4	Buildings					-
1.5	Township		<u></u>			
1.6	Maintenance	<u> </u>				
1.7	Tools & Plants	<u> </u>	NIL			
1.8	Communication		<u> </u>			
1.9	Environment & Ecology					
	Losses on stock					
	Receipt & Recoveries	-				
1.12	Totał (Infrastructure )works					
~ ^		<u> </u>		<del> </del>		
2.0	Major Civil Works	<del></del>				
2.1	Dam, Intake & Desilting chambers					<del> </del>
2.2	HRT, TRT, Surge Shaft & Pressure shafts					
2.3	Power Plant civil works	<del> </del>				
2.4	Other civil works (to be specified)					
2.5	Total (Major Civil Works)					
3.0						
3.0	Hydro Mechanica? equipments					
4.0	Dlank 9 Carriamana			1	•••	<del> </del>
4.0	Plant & Equipment Initial spares of Plant & Equipment	-				
4.1	Total (Plant & Equipment)					
4.2	Total (Flant & Equipment)					
5.0	Taxes and Duties					
5.1	Custom Duty					
5.2	Other taxes & Duties		···-			
5.3	Total Taxes & Duties					
3.5	Total lanes a sector					
6.0	Construction & Precommissioning expenses					
6.1	Erection, testing & commissioning					
6.2	Construction Insurance					[
6.3	Site supervision					<u> </u>
6.4	Total (Const. & Precommissioning)					
7.0	Overheads					1
7.1	Establishment					
7.2	Design & Engineering					
7.3	Audit & Accounts					
7.4	Contingency					
7.5	Rehabilitation & Resettlement					
	Total (Overheads)				*****	
8.0	Capital Cost without IDC, FC, FERV & Hedging Cost				=	
			1		******	
9.0	IDC, FC, FERV & Hedging Cost			<u> </u>		
9.1	Interest During Construction (IDC)					
9.2	Financing Charges (FC)	···				
9.3	Foreign Exchange Rate Variation (FERV)	·····				
9.4	Hedging Cost		1			
9.5	Total of IDC, FC, FERV & Hedging Cost		†	. 1		
			<del> </del>			****
	§					

		Cost in F	Rs. Crores	Liabilities/		
Sl.No.	Break Down	As per		Provisions	Variation	Reasons for
		original	As on COD	<b>(5)</b>	(Rs. Cr.)	Variation
		Estimates		(-)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)

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

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

Name of the Company : Name of the Power Station :

# UP JAL VIDYUT NIGAM LIMITED BABAIL HYDRO POWER PLANT

5, No.	Variables	Original Cost as approved by Authority/Investme nt Approval (1)	Original Cost as approved by Authority/investment Approval (1)	Variation	Reasons for Variation*
1	Generator, turbine & Accessories			L	
	Generator package				
	Turbine package				
	Unit control Board				
	C&I package		MIL		
	Bus Duct of GT connection	:			
	Total (Generator, turbine & Accessories)				
	·	]			
2	Auxillary Electrical quipment				
	Step up transformer				
	Unit Auxiliary Transformer				
	Local supply				
	transformer				
	Station transformer				ļ
	SCADA				
	Switchgear, Batteries, DC dist. Board				<u>;</u>
	Telecommunication equipment				:
	Illumination of Dam, PH and Switchyard				
	Cables & cable				
	facilities, grounding				
	Diese generating sets				<u> </u>
	Total (Auxillary Elect. Equipment)				·
3	Auxiliary equipment & services for power				!
	station EOT crane		·		
			<del> </del>		
	Other cranes				
	Electric lifts & elevators				
	Cooling water system				
	Dramage & dewatering system				· ·
	Firefighting equipment				
	Air conditioning,				
	ventilation and heating				
	Water supply system				
	Oil handling equipment				
	Workshop machines & equipment				
	Total (Auxiliary equipt. & services for PS)				
4	Switchyard package				,
<u>.</u>	Initial spares for all above equipments				
-					· ····-
6	Total Cost (Plant & Equipment) excluding IDC, FC, FERV & Hedging Cost				
7	IDC, FC, FERV & Hedging Cos				
	Interest During Construction (IDC)				
-	Financing Charges (FC)				
	Foreign Exchange Rate	<u>.</u>			
	Variation (FERV)				
	Hedging Cost				
	Total of IDC, FC, FERV & Hedging Cost				
8	Total Cost (Plant & Equipment) including IDC, FC, FERV & Hedging Cost				



27K	Breat-up of Construction/Supply/Service packages			<b>.</b>	eri-up of	Constructi	s//yddns/uo	ervice packages					PART-I FORM-SD
Nan	Name of the Company : Name of the Power Station :						UP JAL VIDY BABAIL HYI	UP JAL VIDYUT NIGAM LIMITED BABAIL HYDRO POWER PLANT	G3.				
SI.N o.	Name/No. of Construction / Supply / Service Package	Scope of works <sup>1</sup> (in line with head of cost break-ups as applicable)	Whether awarded through ICB/DCB/ Depatmentally/ Deposit Work	No. of bids received	Date of Award	Date of Start of work	Date of Completion of Work	Value of Award <sup>2</sup> in (Rs. Cr.)	Firm or With Escalation in prices	Actual expenditure till the completion or up to COD whichever is earlier(Rs.Cr.)	Taxes & Duties and IEDC (Rs.	IDC, FC, FERV & Hedging cost (Rs. Lakh)	Sub -total (10+11+12) {Rs. Lakh}
(1)	(2)	(3)	{4}	(2)	(9)	(7)	(8)	(6)	(10)	(11)	(12)	(13)	(14)
			H										
			1461										
L.													
	AND THE RESIDENCE TO SELECT THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF TH		THE RESERVE THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF TH										
											:		
	<sup>1</sup> The scope of work in any package should be indicated in conformity of Capital cost break-up for the coal based plants in the FORM-5B to the extent possible.	kage should be indica	sted in conformity of C	apital cost b	reak-up for	the coal ba	sed plants in t	ne FORM-58 to th	e extent possik	. <u>a</u> i			
2 IF at U.	<sup>2</sup> If there is any package, which need to be shown in Indian Rupee and foreign currency(ies), the sameshould be shown separately along with the currency, the exchange rate and the date e.g. Rs 80 Cr. +US\$50m=Rs.390Cr. at US\$=Rs62 as on say 01.04.14.	sh need to be shown i 4.	in Indian Rupec and fe	oreign currer	ncy(les), the	sameshou	ld be shown se	parately along w	ith the currenc	y, the exchange rate	and the date	e.g. Rs 80 Cr. 4	.US\$50m=Rs.390Cr.
												Petitioner	

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## In case there is cost over run

Name of the Company : Name of the Power Station :

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		Cost in I	Rs. Crores	_	1 .	Admitted
SI.No.	Break Down	As per original Estimates	As on COD	Variation( Rs. Cr.)	Reasons for Variation	Cost (Rs. Cr.)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1.0	Cost of Land & Site Development					
1.1	Land		<u> </u>			
1.2	Rehabilitation & Resettlement (R&R)					
1.3	Preliminary Investigation & Site development					
•••	Total Land & Site Development	(	C	C	0	
2.0	Plant & Equipment					
				ļ		
2.1	Steam Turbine generator Island					
2.2	Turbine Generator Island	<u> </u>				
2.3	BOP Mechanical			ļ		·
2.3.1	Fuel Handling & Storage system			-		
2.3.2	External water supply system	<del></del>	<del> </del>			
2.3.3	CW system			<del> </del>		
2.3.4	Cooling Towers					
2.3.5	DM water Plant		<u> </u>	<u> </u>		
2.3.6	Clarification plant		1	<del> </del> -		
2.3.7	Chlorination Plant					
2.3.8	Air condition & Ventilation System			<u> </u>		
2.3.9	Fire Fighting system				.	
2.3.10	HP/LP Piping			<del>  -</del> -		
	Total BOP Mechanical			) (	0	
2.5	BOP Electrical		ļ	ļ <u></u> -		
2.5.1	Switch Yard Package		<u> </u>	<b>_</b>	<u> </u>	
2.5.2	Transformers package		ļ	ļ		
2.5.3	Switch gear Package			1		
2.5.4	Cable , Cable Facilities & grounding		1		<del> </del>	
2.5.5	Lighting		ļ	ļ	<u> </u>	
2.5.6	Emergency D.G. set	ļ <u></u>		<del> </del>		
	Total BOP Electrical			) (	0	
2.6	C &   Package			ļ	<u> </u>	
	Total Plant & Equipment excluding taxes & Duties		ļ			
2.7	Taxes and Duties					
2.7.1	Custom Duty					
2.7.2	Other Taxes & Duties					
	Total Taxes & Duties		0 (	) (	0	
	Total Plant & Equipment(with taxes & Duties)	ļ <u>.</u>	<u> </u>	<del>-</del>		
3.0	Initial spares					<u> </u>
4.0	Civil Works	.	<u> </u>			
4.1	Main plant/Adm. Building			1	<del> </del> · · ·	
4.2	External water supply system	<u> </u>			ļ	
4.3	CW system					
4.4	Cooling Towers		<del></del>		1	
4.5	DM water Plant			<del> </del>		
4.6	Clarification plant			ļ		
4.7	Fuel Handling & Storage system	1			ļ <u></u>	
4.8	Township & Calony					<u>                                     </u>
4.9	Temp. construction & enabling works				4	
4.10	Road & Drainage					
4.11	Fire Fighting system				)\+\(\si^2\)	
	Total Civil works		0 (	0	0 0	

-		Cost in	Rs. Crores			Admitted
SI.No.	Break Down	As per original Estimates	As on COD	Variation( Rs. Cr.)	Reasons for Variation	Cost (Rs.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
5.0	Construction & Pre- Commissioning Expences					
5.1	Erection Testing and commissioning		<u> </u>			
5.2	Site supervision	-				
5.3	Operator's Training					
5.4	Construction Insurance					
5.5	Tools & Plant					
5.6	Start up fuel					
	Total Construction & Pre- Commissioning Expences		0 0		0	
6.0	Overheads					
6.1	Establishment					
6.2	Design & Engineering					
6.3	Audit & Accounts					
6.4	Contingency					
	Total Overheads		0 0	) (	0	
7.0	Capital cost excluding IDC & FC					
7.1	Interest During Construction (IDC)					
7.2	Financing Charges (FC)					
8.0	Capital cost including IDC & FC					

#### Note:

Note: Impact on account of each reason for Cost overrun should be quantified and substantiated with necessary documents and supporting workings.

		1. Sesse	case there is time over run				PART-I FORM- 5EII
Name of the Company Name of the Power Station				UP JAL VID' BABAIL HY	UP JAL VIDYUT NIGAM LIMITED BABAIL HYDRO POWER PLANT	IMITED PLANT	
	Original Schedule (As per Planning)	dule	Actual Sche	Actual Schedule (As per Actual)	Time Over- Run	Reasons for delay	Other Activity effected (Mention S. No. of activity affected)
Description of Activity/	Start Date	Completion	Actual Start	Actual Completion	days		
WOTKS/ Service		2	2				
						A. C.	
						Petitioner	

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#### Financial Package upto COD

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

## UP JAL VIDYUT NIGAM LIMITED BABAIL HYDRO POWER PLANT

	Financial Package	as Approved	Financial Pac	kage as on COD	As Admitt	ted on COD
	Currency and	Amount <sub>3</sub>	Currency	and Amount₃	Currency a	nd Amount <sub>3</sub>
1	2	3	4	5	6	7
Loan-l						
Loan-II	•		NIL			
Loan-ill						
and so on						
Loan-				<u> </u>		
Foreign						
Domestic						
Total loan(Rs)						
Equity-						
Foreign						
Domestic						
Total Equity( Rs)					,	
Debt : Equity Ratio						

- 1. Say Rs. 80 Cr. + US\$ 200 m or Rs. 1320 Cr. including US\$ 200 m at an exchange rate of US\$=Rs62
- 2. Provide details on commercial operation as on COD of each Unit
- 3. For example: US \$ 200m, etc.

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#### Details of Project Specific Loans

#### Name of the Company Name of the Power Station

Particulars	Package 1	Package2	Package3	Package4	Package5	Package6
1	2	3	4	5	6	7
Loan No.						
Source of Loan						
Currency						
Amount of Loan sanctioned			NIL			
Amount of Gross Loan drawn upto 31,03.2014/COD						
Interest Type						
Fixed Interest Rate, if applicable						
Base Rate, if Floating Interest						
Margin, if Floating Interest						
Are there any Caps/Floor	· ·					
If above is yes, specify caps/floor						
Moratorium Period						
Moratorium effective from						
Repayment Period						
Repayment effective from						
Repayment Frequency						
Repayment Instalment					-	
Base Exchange Rate		· · · · · · · · · · · · · · · · · · ·				

<sup>&</sup>lt;sup>1</sup> Source of loan means the agency from whom the loan has been taken such as WB, ADB, WMB, PNB, SBI, ICICI, IFC, PFC etc.

<sup>&</sup>lt;sup>16</sup> Base exchange rate means the exchange rate prevailing as on 31.03.2004 for existing assets and as on COD for the remaining assets.



<sup>&</sup>lt;sup>2</sup> Currency refers to currency of loan such as US\$, DM, Yen,Indian Rupee etc.

<sup>&</sup>lt;sup>3</sup> Details are to be submitted as on 31.03.2014 for existing assets and as on COD for the remaining assets.

<sup>&</sup>lt;sup>4</sup> 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 be given separately in the same form.

<sup>&</sup>lt;sup>5</sup> 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

<sup>&</sup>lt;sup>6</sup> Interest type means whether the interest is fixed or floating.

<sup>&</sup>lt;sup>7</sup> Base rate means the base as PLR, LIBOR etc. over which the margin is to be added. Applicable base rate on different dates from the date of drawl may also be enclosed.

<sup>&</sup>lt;sup>8</sup> Margin means the points over and above the floating rate.

<sup>&</sup>lt;sup>9</sup> At times caps/floor are put at which the floating rates are frozen. If such a condition exists, specify the limits.

<sup>&</sup>lt;sup>10</sup> Moratorium period refers to the period during which loan servicing liability is not required.

<sup>&</sup>lt;sup>11</sup> Repayment period means the repayment of loan such as 7 years, 10 years, 25 years etc.

<sup>&</sup>lt;sup>12</sup> Repayment frequency means the interval at which the debt servicing is to be done such as monthly, quarterly, half yearly, annual, etc.

etc.

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

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

<sup>14</sup> If the repayment instalment amount and repayment date can not be worked out from the data furnished above, the repayment schedule to be furnished seperately.

<sup>&</sup>lt;sup>15</sup> In case of Foreign loan,date of each-drawal & repayment alongwith exchange rate at that date may be given.

#### Details of Allocation of corporate loans to various projects

Name of the Company Name of the Power Station

### UP JAL VIDYUT NIGAM LIMITED BABAIL HYDRO POWER PLANT

íRs Cr

Particulars	Package1	Package2	Package3	Package4	Package5	Package6	Package7	Total
1	2	3	4	5	6	7	8	9
Source of Loan								
Currency								
Amount of Loan sanctioned			NIL					
Amount of Gross Loan drawn upto								
1.03.2012/COD						,		
nterest Type								
ixed Interest Rate, if applicable								
ase Rate, if Floating Interest					•			
Margin, if Floating Interest								
re there any Caps/Floor		i i						
above is yes, specify caps/floor								
Moratorium Period								
Moratorium effective from		_						
Repayment Period								
Repayment effective from	•••							
Repayment Frequency	•							
Repayment Instalment								
Base Exchange Rate								
			**					
lame of the Projects								
<del>-</del>								
Total								

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 US\$, 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 be given seperately in the same form.

<sup>&</sup>lt;sup>5</sup> 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 form.

Interest type means whether the interest is fixed or floating.

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

<sup>&</sup>lt;sup>8</sup> 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.

<sup>&</sup>lt;sup>10</sup> Moratorium period refers to the period during which loan servicing liability is not required.

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

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

<sup>&</sup>lt;sup>13</sup> 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

given seperately

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

<sup>&</sup>lt;sup>15</sup> In case of Foreign loan,date of each drawal & repayment alongwith exchange rate at that date may be given.

<sup>&</sup>lt;sup>16</sup> Base exchange rate means the exchange rate prevailing as on 31.03.2004 for existing assets and as on COD for the remaining assets.

### Statement of Additional Capitalisation after COD

Name of the Company
Name of the Power Station

UP JAL VIDYUT NIGAM LIMITED BABAIL HYDRO POWER PLANT

For FY

			ACE Claimed (Act	ual/ Projected)		Regulations		Admitted Cost by
SI.No.	Head of Work/ Equipment	Accrual basis	Undischarged Liability included in col. 3	Cash basis	IDC included in col. 3	under which claimed	Justification	the Commission,
(1)	(2)	(3)	(4)	(5=3-4)	(6)	(7)	(8)	(9)
			NIL		" -"-			
								·
	TOTAL							

#### Note:

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

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

Name of the Company Name of the Power Station

## UP JAL VIDYUT NIGAM LIMITED BABAIL HYDRO POWER PLANT

Sl.No.	Year	Work / Equipment added	Amount capitalised /Proposed to be capitalised (Rs Lakh)	Justification	Impact on life extension
(1)	(2)	(3)	(4)	(9)	(10)
			NIL		
					*******
		TOTAL			

#### Note:

<sup>1</sup> Fill the form in chronological order year wise along with detailed justification clearly bring out the necessity and the benefits accruing to the Peneficiaries.

<sup>2</sup> In case initial spared and purchased alongwith any equipment, then the cost of such spares should be indicated separately. e.g. Rotor - 50 Crs. Initial spares - 5 Crs.

PART-I FORM-9Bi

### Details of Assets De-capitalized during the period

Name of the Company Name of the Power Station UP JAL VIDYUT NIGAM LIMITED BABAIL HYDRO POWER PLANT

Sl.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)	
		NIL			
					-
			•		
					<u>-</u>
				-	
		TOTAL			

Note:

Year wise detail need to be submitted.

PART-I FORM-9C

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

Name of the Company Name of the Power Station UP JAL VIDYUT NIGAM LIMITED BABAIL HYDRO POWER PLANT

\$I.No.	Particulars	2014-15	2015-16	2016-17	2017-18	2018-19
(1)	(2)	(3)	{4}	(5)	(6)	{7}
	Closing Grass 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

M

### Statement showing items/assets/works claimed under Exclusions

Name of the Company Name of the Power Station COD

#### **UP JAL VIDYUT NIGAM LIMITED BABAIL HYDRO POWER PLANT**

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

#### Note:

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

#### PART-I FORM-9E

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

Name of the Co. Name of the Po

## UP JAL VIDYUT NIGAM LIMITED BABAIL HYDRO POWER PLANT

Amount in Rs. Lakh

		Amount in Rs. Lakh
S. No.	Variables	As on Relevant Date
Α	Opening Gross Block Amount 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	NIL
	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 Gross Block Amount during the period (Direct purchases)	
	Amount of capital liabilities in B(a) above	
	Amount of IDC in B(a) above	
	Amount of FC in B(a) above	
	Amount of FERV in B(a) above	
	Amount of Hedging Cost in B(a) above	
	Amount of IEDC in B(a) above	
		<del></del>
c	Addition in Gross Block Amount during the period (Transferred from CWIP)	
	(Transletted Holli Cwir)	
	Amount of capital liabilities in C(a) above	
	Amount of IDC in C(a) above	
	d) Amount of FC in C(a) above	
	e) Amount of FERV in C(a) above	
	f) Amount of Hedging Cost in C(a) above	
	g) Amount of IEDC in C(a) above	
Đ	a)Deletion in Gross Block Amount during the period	
	b) Amount of capital liabilities in D(a) above	· ·
	c) Amount of IDC in D(a) above	
	d) Amount of FC in D(a) above	
	e) Amount of FERV in D(a) above	
	f) Amount of Hedging Cost in D(a) above	
	g) Amount of IEDC in D(a) above	
	<i>S</i> /	
E	a)Closing Gross Block Amount as per books	
	b) Amount of capital liabilities in E(a) above	
	c) Amount of IDC in E(a) above	
	d) Amount of FC in E(a) above	
	e) Amount of FERV in E(a) above	
	f) Amount of Hedging Cost in E(a) above	
	g) Amount of IEDC in E(a) above	

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





#### PART-I FORM-9F

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

Name of the Co Name of the Po

## UP JAL VIDYUT NIGAM LIMITED BABAIL HYDRO POWER PLANT

Amount in Rs. Lakh

	11. *-14	Amount in RS. Lakii
S. No.	Variables	As on Relevant Date
А	Opening CWIP as per books	
	Amount of capital liabilities in A(a) above	NIL
	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	
	Amount of capital liabilities in B(a) above	
	Amount of IDC in B(a) above	
	Amount of FC in B(a) above	
	Amount of FERV in B(a) above	
	Amount of Hedging Cost in B(a) above	
	Amount of IEDC in B(a) above	
С	Transferred to Gross Block Amount during the period	
	Amount of capital liabilities in C(a) above	
•	Amount of IDC in C(a) above	
	Amount of FC in C(a) above	
	Amount of FERV in C(a) above	
	Amount of Hedging Cost in C(a) above	
	Amount of IEDC in C(a) above	
D	a)Deletion in CWIP during the period	
	b) Amount of capital liabilities in D(a) above	
	c) Amount of IDC in D(a) above	
	d) Amount of FC in D(a) above	
	e) Amount of FERV in D(a) above	
	f) Amount of Hedging Cost in D(a) above	
	g) Amount of IEDC in D(a) above	0.014
E	a)Closing CWIP as per books	
	b) Amount of capital liabilities in E(a) above	
	c) Amount of IDC in E(a) above	
	d) Amount of FC in E(a) above	
	e) Amount of FERV in E(a) above	
	f) Amount of Hedging Cost in E(a) above	
	g) Amount of IEDC in E(a) above	

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



										PART-1
				isancing of Addi	tional Capitalisa		A CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONT		FORM-10 (and thonal capitalisation)	FORM- 10
Name of the Company Name of the Power Station Date of Commercial Operation					UP JAL VIDYL BABAIL HYD	UP JAL VIDYUT NIGAM LIMITED BABAIL HYDRO POWER PLANT	<u> </u>			
									Amount in Rs Lakh	
	Actual					Admitted				
Financial Year {Starting from COD} <sup>1</sup>	Year 1	Year 2	Year3	Year4	Year 5 & so on	Year 1	Year 2	Year3	Year4	Year 5 & so on
F-4	2	3	4	'n	ي	7	∞	6	10	11
Amount Captalized in Work/Equipment										
Financing Details										
Loan-1		JiN					•			
Loan-2										
Loan-3 and so on										
Total Loan <sup>2</sup>										
Equity										
Internal Resources										
Others (PL specify)										
Total					provide the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same o		:			
Note:  1. Year 1 refers to Financial Year of COD and Year 2; Year 3 etc. are the subsequent financial years respectively.	and Year 2; Year 3 et	tc. are the subsequ	ent financial years re	sspectively.					,	
2. Loan details for meeting the additional capitalisation requirement should be given as per FORM-7 or 8 whichever is relevant.	tional capitalisation	requirement sho	ould be given as pe	r FORM-7 or 8 w	hichever is relevar	÷;			Petitioner	

and the first term of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the seco

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Name of the Company Name of the Power Station

## UP JAL VIDYUT NIGAM LIMITED BABAIL HYDRO POWER PLANT

(Amount in Rs Crore)

FY 2018-19

				FY 2018-19		
SI.No.	Name of the Asset <sup>1</sup>	Gross Block as on 31.03.2018 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
	(1)	(2)			(3)	4= Col.2 X Col.3
1	Land & Land Rights	-			-	-
2	Temporary Structure	-			2.57%	-
3	Buildings	0.83			2.57%	0.02
4	hydraulic Works	14.24			1.80%	0.26
5	Other Civil works	0.46			2.57%	0.01
6	Plant & Machinery	8.28			2.57%	0.21
7	Lines, Cables, Networks Etc.	-			6.00%	-
8	Vehicles	0.16			18.00%	0.03
9	Furniture & Fixtures	0.07			6.00%	0.00
10	Office Equipments	0.12			6.00%	0.01
11	Capital Spares at Generating Stations	0.04			2.57%	0.00
12	Electric Equipments	-			2.57%	-
13	Survey Equipments	-			2.57%	
14	Tools & Tackles	0.01			2.57%	0.00
15	Electric Installation	0.00	<u> </u>		2.57%	0.00
16	Steel Shuttering	-			3.60%	
17	Library Book	0.00			2.57%	
18	Wooden Frames	-			18.00%	411777
19	Wireless Set	-			3.60%	
20	Computers	0.00			2.57%	0.00
	TOTAL	24.21	-	_	4.34%	1.05
	Weighted Average Rate of Depreciation (%)					

\*Provide details of Freehold land and Lease hold land separately

Note

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

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Name of the Company Name of the Power Station

## UP JAL VIDYUT NIGAM LIMITED BABAIL HYDRO POWER PLANT

FY 2019-20

SI.No.	Name of the Asset <sup>1</sup>	Gross Block as on 31.03.2018 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)			(3)	4= Col.2 X Col.
1	Land & Land Rights	-			-	
2	Temporary Structure	•			100.00%	-
3	Buildings	0.83			3.34%	0.0
4	hydraulic Works	14.24			5.83%	0.8
5	Other Civil works	0.46			3.34%	0.0
6	Plant & Machinery	8.28			5.83%	0.4
7	Lines, Cables, Networks Etc.	-			5.83%	-
8	Vehicles	0.16			5.83%	0.0
9	Furniture & Fixtures	0.07			6.33%	0.0
10	Office Equipments	0.12			6.33%	0.0
11	Capital Spares at Generating Stations	0.04			5.83%	0.0
12	Electric Equipments	-			5.83%	-
13	Survey Equipments	-			5.83%	-
14	Tools & Tackles	0.01			5.83%	0.0
15	Electric Installation	0.00			5.83%	0.0
16	Steel Shuttering	-			5.83%	
17	Library Book	0.00		· · · · · · · · · · · · · · · · · · ·	5.83%	0.0
18	Wooden Frames	-			100.00%	-
19	Wireless Set	-			6.33%	
20	Computers	200			6.33%	0.1
	TOTAL	24.21	-	-	5.70%	1.5
	Weighted Average Rate of Depreciation (%)					

<sup>\*</sup>Provide details of Freehold land and Lease hold land separately

#### Note:

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

Assistant

Name of the Company Name of the Power Station

## UP JAL VIDYUT NIGAM LIMITED BABAIL HYDRO POWER PLANT

FY 2020-21

SI.No.	Name of the Asset <sup>1</sup>	Gross Block as on 31.03,2018 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)			(3)	4= Col.2 X Col.3
1	Land & Land Rights	-			-	-
2	Temporary Structure	-			100.00%	-
3	Buildings	0.83			3.34%	0.03
4	hydraulic Works	14.24			5.83%	0.83
5	Other Civil works	0.45			3.34%	0.02
6	Plant & Machinery	8.28			5.83%	0.48
7	Lines, Cables, Networks Etc.				5.83%	-
8	Vehicles	0.16			5.83%	0.01
9	Furniture & Fixtures	0.07			6.33%	0.00
10	Office Equipments	0.12			6.33%	0.01
11	Capital Spares at Generating Stations	0.04			5.83%	0.00
12	Electric Equipments	-			5.83%	-
13	Survey Equipments	-			5.83%	-
14	Tools & Tackles	0.01			5.83%	0.00
15	Electric Installation	0.00			5.83%	0.00
16	Steel Shuttering	-	<u> </u>		5.83%	-
17	Library Book	0.00	,		5.83%	0.00
18	Wooden Frames	-			100.00%	-
19	Wireless Set	- <u>-</u>			6.33%	
20	Computers	0.00			6.33%	0.00
	TOTAL	24.21		-	5.70%	1.38
	Weighted Average Rate of Depreciation (%)					

<sup>\*</sup>Provide details of Freehold land and Lease hold land separately

#### Note

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

Valor.

Name of the Company Name of the Power Station

## UP JAL VIDYUT NIGAM LIMITED BABAIL HYDRO POWER PLANT

FY 2021-22

SI.No.	Name of the Asset'	Gross Block as on 31.03.2018 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)			(3)	4= Col.2 X Cot.
1	Land & Land Rights	-			-	-
2	Temporary Structure	-			100.00%	-
3	Buildings	0.83			3.34%	0.0
4	hydraulic Works	14.24			5.83%	0.8
5	Other Civil works	0.46			3.34%	0.0
6	Plant & Machinery	8.28			5.83%	0.4
7	Lines, Cables, Networks Etc.	-			5.83%	
8	Vehicles	0.16			5.83%	0.0
9	Furniture & Fixtures	0.07			6.33%	0.0
10	Office Equipments	0.12			6.33%	0.0
11	Capital Spares at Generating Stations	0.04			5.83%	0.0
12	Electric Equipments				5.83%	-
13	Survey Equipments	-			5.83%	-
14	Tools & Tackles	0.01	·		5.83%	0.
15	Electric Installation	0.00			5.83%	0.
16	Steel Shuttering	-			5.83%	
17	Library Book	0.00			5.83%	0.
18	Wooden Frames				100.00%	-
19	Wireless Set				6.33%	-
20	Computers	0.00			6.33%	0.
	TOTAL	24.21	-		5.70%	1.
	Weighted Average Rate of Depreciation (%)					

<sup>\*</sup>Provide details of Freehold land and Lease hold land separately

#### Note:

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

Name of the Company Name of the Power Station

#### UP JAL VIDYUT NIGAM LIMITED BABAIL HYDRO POWER PLANT

FY 2022-23

SI.No.	Name of the Asset <sup>1</sup>	Gross Block as on 31.03.2018 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)			(3)	4= Col.2 X Col.3
1	Land & Land Rights	-			-	-
2	Temporary Structure	-			100.00%	
3	Buildings	0.83			3.34%	0.03
4	hydraulic Works	14.24			5.83%	0.83
5	Other Civil works	0.46			3.34%	0.02
6	Plant & Machinery	8.28			5.83%	0.48
7	Lines, Cables, Networks Etc.	-			5.83%	
8	Vehicles	0.16			5.83%	0.03
9	Furniture & Fixtures	0.07			6.33%	0.00
10	Office Equipments	0.12			6.33%	0.02
11	Capital Spares at Generating Stations	0.04			5.83%	0.00
12	Electric Equipments	-			5.83%	-
13	Survey Equipments	-			5.83%	-
14	Tools & Tackles	0.01			5.83%	0.00
15	Electric Installation	0.00			5.83%	0.00
16	Steel Shuttering	-			5.83%	-
17	Library Book	0.00			5.83%	0.00
18	Wooden Frames	-			100.00%	
19	Wireless Set	-		1.	6.33%	
20	Computers	0.00			6.33%	0.0
	TOTAL	24.21	-	-	5.70%	1.38
•	Weighted Average Rate of Depreciation (%)					

<sup>\*</sup>Provide details of Freehold land and Lease hold land separately

Note

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

Name of the Company Name of the Power Station

## UP JAL VIDYUT NIGAM LIMITED BABAIL HYDRO POWER PLANT

FY 2023-24

SI.No.	Name of the Asset <sup>1</sup>	Gross Block as on 31.03.2018 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)			(3)	4= Col.2 X Col.
1	Land & Land Rights	-			-	-
2	Temporary Structure	-	[		100.00%	-
3	Buildings	0.83			3.34%	0.0
4	hydraulic Works	14.24		"	5.83%	8.0
5	Other Civil works	0.46			3.34%	0.0
6	Plant & Machinery	8.28			5.83%	0.4
7	Lines, Cables, Networks Etc.	-			5.83%	-
8	Vehicles	0.16			5.83%	0.0
9	Furniture & Fixtures	0.07			6.33%	0.0
10	Office Equipments	0.12			6.33%	0.0
11	Capital Spares at Generating Stations	0.04			5.83%	0.0
12	Electric Equipments	-			5.83%	-
13	Survey Equipments	-			5.83%	-
14	Tools & Tackles	0.01			5.83%	0.0
15	Electric Installation	0.00			5.83%	0.0
16	Steel Shuttering	-			5.83%	-
17	Library Book	0.00			5.83%	0.0
18	Wooden Frames	-			100.00%	-
19	Wireless Set	-			6.33%	-
20	Computers	0.00			6.33%	0.0
	TOTAL	24.21	-	-	5.70%	1.3
	Weighted Average Rate of Depreciation (%)			1,		

<sup>\*</sup>Provide details of Freehold land and Lease hold land separately

#### Note:

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

### Statement of Depreciation

Name of the Company Name of the Power Station

#### UP JAL VIDYUT NIGAM LIMITED **BABAIL HYDRO POWER PLANT**

(Amount in Rs Crore)

S. No.	Particulars	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7	8
	Opening Capital Cost	24.21	24.21	24.21	24.21	24.21	24.21
	Closing Capital Cost	24.21	24.21	24.21	24.21	24.21	24.21
	Average Capital Cost	24.21	24.21	24.21	24.21	24.21	24.21
•	Freehold land						
	Rate of depreciation	4.34%	5.70%	5.70%	5.70%	5.70%	5.70%
	Depreciable value	21.79	21.79	21.79	21.79	21.79	21.79
	Balance useful life at the beginning of the period	23	22	21	20	19	18
	Remaining depreciable value	11.41	10.36	8.98	7.60	6.22	5.89
	Depreciation (for the period)	1.05	1.38	1.38	1.38	0.32	0.32
	Depreciation (annualised)	1.05	1.38	1.38	1.38	0.32	0.32
	Cumulative depreciation at the end of the period	11.43	12,81	<b>1</b> 4.19	15.57	15.89	16.22
	Less: Cumulative depreciation adjustment on account of un-discharged liabilities deducted as on 01.04.2009/Station COD						
	Less: Cumulative depreciation adjustment on account of de-capitalisation						
	Net Cumulative depreciation at the end of the period	11.43	12.81	<b>1</b> 4.19	15.57	15.89	16.22

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



### FORM- 13 Calculation of Weighted Average Rate of Interest on Actual Loans

#### Name of the Company Name of the Power Station

## UP JAL VIDYUT NIGAM LIMITED BABAIL HYDRO POWER PLANT

(Amount in Rs Lakh)

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

#### Note:

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

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PART-I FORM- 13A

### Calculation of Interest on Normative Loan

Name of the Company Name of the Power Station

## UP JAL VIDYUT NIGAM LIMITED BABAIL HYDRO POWER PLANT

(Amount in Rs Crore)

						1	
S. No.	Particulars	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7	8
	Gross Normative loan - Opening						
	Cumulative repayment of Normative loan upto previous year						
	Net Normative loan - Opening	14.20	13.15	11.77	10.39	9.01	8.69
	Add: Increase due to addition during the year / period	0.00	0.00	0.00	0.00	0.00	0.00
	Less: Repayment during the year	1.05	1.38	1.38	1.38	0.32	0.32
	Less: Decrease due to reversal during the year / period	0.00	0.00	0.00	0.00	0.00	0.00
	Add: Increase due to discharges during the year / period				•		
	Net Normative Ioan - Closing	13.15	11.77	10.39	9.01	8.69	8.36
	Average Normative loan	13.68	12.46	11.08	9.70	8.85	8.53
	Weighted average rate of interest	12.25%	12.25%	12.25%	12.25%	12.25%	12.25%
	Interest on Loan	1.68	1.53	1.36	1.19	1.08	1.04



### Calculation of Interest on Normative Loan

Name of the Company Name of the Power Station

## UP JAL VIDYUT NIGAM LIMITED BABAIL HYDRO POWER PLANT

(Amount in Rs Crore)

S. No.	Particulars	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7	8
	Gross Normative Ioan - Opening						
	Cumulative repayment of Normative loan upto previous year						
	Net Normative loan - Opening	14.20	13.15	11.77	10.39	9.01	8.69
	Add: Increase due to addition during the year / period	0.00	0.00	0.00	0.00	0.00	0.00
	Less: Repayment during the year	1.05	1.38	1.38	1.38	0.32	0.32
	Less: Decrease due to reversal during the year / period	0.00	0.00	0.00	0.00	0.00	0.00
	Add: Increase due to discharges during the year / period						
	Net Normative loan - Closing	13.15	11.77	10,39	9.01	8.69	8.36
	Average Normative loan	13.68	12.46	11.08	9.70	8.85	8.53
	Weighted average rate of interest	12.25%	12.25%	12.25%	12.25%	12.25%	12.25%
	Interest on Loan	1.68	1.53	1.36	1.19	1.08	1.04



PART-I FORM- 13B

### Calculation of Interest on Working Capital

Name of the Company Name of the Power Station

\$. No.	Particulars	Existing 2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7	8
	O & M expenses for the year	0.87	0.93	0.99	1.06	1.13	1.20
	O & M Expenses	0.07	0.08	0.08	0.09	0.09	0.10
	Maintenance Spares	0.13	0.14	0.15	0.16	0.17	0.18
	Receivables	0.62	0.48	0.47	0.46	0.32	0.33
	Total Working Capital	0.82	0.70	0.70	0.70	0.58	0.61
	Rate of Interest	13.50%	13.50%	13.50%	13.50%	√ 13.50%	13.50%
	Interest on Working Capital	0.11	0.09	0.09	0.10	0.08	80.0

PART-I FORM- 13C

#### Other Income as on COD

Name of the Company Name of the Power Station

## UP JAL VIDYUT NIGAM LIMITED BABAIL HYDRO POWER PLANT

(Amount in Rs Lakh)

5. No.	Particulars	Existing 2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
1	Interest on Loans and advance						
2	Interest received on deposits						
3	Income from Investment		NIL				
4	Income from sale of scrap						
5	Rebate for timely payment						
6	Surcharge on late payment from beneficiaries						
7	Rent from residential building						
8	Misc. receipts (Please Specify Details)						
"						, i	

# PART-I FORM-14 Draw Down Schedule for Calculation of IDC & Financing Charges

Name of the Petitioner Name of the Generating Station

SI. No.	Draw Down	Quarter 1			Quarter 2			Quarter n	(COD)	
_ · · · ·	Particulars	Quantum in	Exchange	Amount in	Quantum	Exchange	Amount	Quantum		Amount
		Foreign		Indian Rupee	in Foreign		in Indian	in Foreign		in Indian
		currency	down date	(Rs Lakh)		draw				Rupee (Rs
				(14 24111)	Luncincy	down	Lakh)	Lancine	down	Lakh)
						date	24171		date	
1	Loans			1						
1	Foreign Loans									
			NHL							
1 1.1	Foreign Loan <sup>1</sup>									
	Draw down Amount				Ţ	·				
	IDC									ļ
	Financing charges									
	Foreign Exchange Rate								1	
	Variation									
	Hedging Cost	ļ. <u></u>								
2.1.3	F!							<del> </del>	<u> </u>	
1.1.2	Foreign Loan2 Draw down Amount	1			<del> </del>				<del> </del>	
	IDC	<del> </del>								<del> </del>
	Financing charges	<del>                                     </del>			<del> </del>					-
	Foreign Exchange Rate	<del> </del>		<u> </u>		<b> </b>				
	Variation					İ				
	Hedging Cost									1
							<u> </u>	<u> </u>		† · · · · · · · · · · · · · · · · · · ·
1.1.3	Foreign Loan3									
	Draw down									
	Amount									
	IDC									
	Financing charges									<u> </u>
	Foreign Exchange Rate			ļ						
	Variation									
	Hedging Cost									
1.1.4	 	-								ļ
	<del></del>	<del> </del>	<del></del>		-					
	· ·	<del>                                     </del>			-			-	-	
		<del>                                     </del>							<u> </u>	····
1 1.	Total Foreign Loans	1				· · · · · · · · · · · · · · · · · · ·		· · · · · ·		
	Draw down Amount									
	IDC	ĺ								
	Financing charges									
	Foreign Exchange Rate									
	Variation									
	Hedging Cost									
1.	Indian Loans									
1 7 1	Indian basel			<del></del>	<del></del>					
1.2.1	Indian Loan' Draw down			Amount						
	IDC			Arnount						
	charges	***	_	Fi nanci ng		_		_	_	
	C IBIRES			T I I I I I I I I I I I I I I I I I I I	-					
1.2.2	Indian Loan2									
	Draw down		•						**	
	Amount									
	I DC									
	Fi nanci ng			charges						
1.2.3	Indian Loan3	ļ								
	Draw down			Amount		·				
	IDC							<u> </u>		
	Fi nanci ng			charges	<u> </u>					
124					<del> </del>					
1,2.4		4.	••							-
		<del>-</del>	_		_					
	<u> </u>		<del></del>	<del></del>						
12	Total Incian Loans									
	Draw down			Amount	<u>"                                    </u>					
	I DC	<u> </u>					•			
<del> </del>	charges			hi nanci ng					_	
1	Total of Loans drawn									
	i DC									
	Financing charges									
	Foreign Exchange Rate									
	Variation									
	Hedging Cost						1			
2	Equity									
	<u> </u>	l		L	Li			L		

SI. No.	Draw Down	Quarter 1	Quarter 1			Quarter 2			Quarter n (COD)		
	Particulars		Rate on draw	Amount in Indian Rupee (Rs Lakh)	,	Rate on draw down	Amount in Indian Rupee (Rs Lakh)	in Foreign currency	1	Amount in Indian Rupee (Rs Lakh)	
	Foreign equity drawn					date			date		
	Indian equity drawn  Total equity deployed										

Note

1: Drawal of debt and equity shall be on paripassu basis quarter wise to meet the commissioningschedule. Drawal of higher equity in the beginning is permissible

2: Applicable interest rates including reset dates used for above computation may be furnished separately

3: In case of multi-unit project details of capitalization ratio used to be furnished.

PART-I FORM- 14A

### Actual Cash Expenditure

Name of the Company Name of the Power Station

## UP JAL VIDYUT NIGAM LIMITED BABAIL HYDRO POWER PLANT

(Amount in Rs. Lakh)

Partículars	Quarter-l	Quarter-II	Quarter-III	Quarter- n (COD)
Payments to contractors / suppliers towards capital assets				
% of fund deployment		· NIL		

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

PART-I FORM- 15

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

Name of the Company Name of the Power Station:

Month	Unit	Design Energy	Designed Peaking Capability (MW)*
April	I		
	II		
	ill	NIL	
May	ı		
	ll		
	III		
June	<u> </u>		
	11		
	111		
July	1		
	III		1

### PART-I FORM- 15 B

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

Name of the Company Name of the Power Station:

Month	Unit	Design Energy	Designed Peaking Capability (MW)*
April	l		
	tI.	NIL	
May	ı		
	11		
	[[]		
June	1		
	ļ		
	111		
July	I		
	ll l		,
			,

PART-I FORM-16

### Liability Flow Statement

Name of the Company Name of the Power Station :

Party	Asset/Work	Year of Actual Capitalisation	Original Liability	Liability as on 31.03.2014	Discharges (Yearwise)	Reversal (Yearwise
	NIL					
				<u> </u>		
						-
						Jan .
						Petitione

#### U.P. JAL VIDYUT NIGAM LIMITED

Balance Sheet as at 31,03,2020

			(Amount in Rs.)
Particulars	Note no.	AS AT 31.03.2020	AS AY 31,03,2019
I. EQUITY AND LIABILITIES			
(1) Shareho'der's Funds			
(a) Share Capital	3	4353294000.00	4353294000.00
(b) Recordes and Scriptus	Δ	(3761913840 14)	1202-2-000-000
(2) Seate application money papains			
<u>allotiness</u>	5	0.60	0.00
(3) Non-Current Liabilities			
(a) Long-term borrowings	6	1520840166.03	1520840166,03
(b) Other Long term Habilities	7	4570769560.93	4345365685,93
(c) Long term provisions	8	1392881.06	1392881.06
(4) Current Liabilities			
(a) Other corrent liabilities	9	1810987179.25	1610758804.79
(b) Short-term provisions	30	281015049.00	267258020.00
Total		8776986936.11	8527905852.87
II.Assets		•	
(1) Non-current assets			
(a) Fixed assets		•	
(i) Tangible assets	11	1025910778.53	G=53- 44
(ii) Capital work-in-progress	12	117125905.16	976314272.80
(b) Long term loans and advances	13		195252335.08
(2) Current assets	13	1597906391.26	1597906391.26
(a) inventories	14	113050052.02	
(b) Trade receivables	15	112058053.03	▼ 88231856 86
(c) Cash and cash equivalents	16	1772466338.54	1203293616.92
(d) Short-term loans and advances	16 17	3354867812.16	3863265148.02
(e) Other current assets		569945233.45	442796576.10
Total	18	126707382.98	160845655.83
10101		8776986996.11	8527905852.87

Company Information & Significant

1 & 2

Accounting Policies

The accompanying notes form an integral part of these financial statements

CHARTESED ACCOUNTANTS

For and on behalf of the Board of Directors

As per report of even date RAJESH BHALLA & COMPANY

Chartered Accountants (FRN-009146C)

(ABHA SETHI TANDON) Company Secretary

(AVINASH CHANDRA PANDEY) General Manager(F&A)

(C.A. RAJESH BHALLA)

Partner (Mom. No. 078730)

Place: LUCKNOW,

(SUDHIR ARYA) Director(Firance)

DIN-05135780

Managing Director DIN-08677754

(M. DEV

[1]

### U.P. JAL VIDYUT NIGAM LIMITED

Statement of Profit & Loss, for the year enced 31st March 2020

Particulars			(Amount in Rs.
A Revenue from operations	Note no	31st March 2020	31st March 2019
II. Other Income		846717140.62	1089642144.54
	19	612270287.89	419435489,23
III. Total Revenue (I +II) IV. Expenses		1458987428.51	1509077633.77
Frie III Luneit expense Talum medets	711	562111668.0 <u>8</u>	832634271.23
Organisation	21	205285020.00	225255320.00
	72	06941675.98	63299182,17
Other expenses	22	792494309.87	861717320,09
Total Expens	es	1647096674.73	1762905793.52
V. Profit pefore exceptional and extraordinar items and rax	¥	- 11	····
News and tax Vt. Exceptional items		(188109246.22)	(253828159.75)
VII. Profit before extraordinary items and tax		C.00	0.00
(V - V-)		(188109246,22)	(252000-00-00-00-
/III. Extraordinary Items		·	(253828159.75)
X. Profit before tax (VII - VIII)		0.00	0.00
C Tax expense:		(188109246.22)	(253828159.75)
(1) Current tax		0.00	0.00
(2) Deferred tax		0.00	0.00
II. Profit(Loss) from the period from		0.00	0.00
Onticuing operations		(4.000.000.000.000.000.000.000.000.000.0	
II. Profit/(Loss) from discontinuing operation		(188109246.22)	(253828159.75)
III. Tax expenses of discounting operations	<b>.</b>	0.00	0.00
IV. Profit/(Loss) from Discontinuing		0.00	0.00
perations (XII - XIII)			7.00
		0.00	9.00
V. Profit/iLoss) for the period (XI + XIV)	·	(188109246.22)	(253828159.75)
VI. Earning per equity/share:			1200020133.737
(2) Basic		(43-21)	(58.32)
(2) Dauted		M\$ 211	(58.40)
ie accompanying notes form an integral par	t of these financial st	stements	(30.40)

For and on behalf of the Board of Directors

As per report of even date RAJESH BHALLA & COMPANY Chartered Accountants (FRN-009146C)

CHARTERED ACCOUNTANTS

(C.A. RAJESH BHALLA)

Partner (Mem. No. 078730) Place: LUCKNOW. Dated: 25 09 2

(ABHA SETHI TANDON) Company Secretary

(SUDHIR RYA) Director(Finance) DIN-05135780

(AVINASH CHANDRA PANDEY) General Manager(F&A)

(M. DEVARAJ) Managing Director DIN-08677754

[2]

As per report of even date RAJESH BHALLA & COMPANY Chartered Accountants (FRN-009146C)

-- - bhow

(C.A. RAJESH BHALLA) Partner (Mem. No. 078730)

Datod : 25 |09 |

Place: LUCKNOW.

CHARTENED CONTENTS

(ABHA SETHI TANDON) Company Secretary

(SUDHIR HRYA)
Director(Finance)
DIN-05135(80

[3]

(AVINASH CHANDRA PANDEY)
General Manager(F&A)

(M. DEVARAJ) Managing Director DIN-08677754

#### Company laformation 1.

U.P. Jal Vidyut Nigam Limited (the Company) is a Government (Public) Limited Company situated in the State of Uttar Pradesh. The company was incorporated on 15" April, 1985 mainly to establish, operate & maintain hydroelectric generating stations, tie-lines, substations, main transmission lines & to carry out investigations & to prepare the schemes relating to the establishment or acquisition of generating stations, tie mass, substations or transmission fines for promoting the use of electricity within the state of Uttan Pradesa.

#### Significant Accounting Policies :-2.

#### Basis of Accounting Α.

The financial statements are prepared under the historical cost convention on accrual basis except otherwise stated.

#### Employees Retirement Benefits В.

- For original employees of the Nigam  $\hat{\mathbf{i}}$ 
  - Company has taken a group gratuity cum life assurance scheme of Life Insurance Corporation of India.
- For Employees on deputation/transferred/amalgamated (ii)

Contribution toward gratuity & provident fund and pension is made at predetermined rate after actuarial valuation to GPF Trust formed for this purpose for employees of Erstwhile UPSEB, who are on deputation or transferred/amalgamated in the Nigam. As per actuarial valuation UPJVNL is required to contribute 19.08% of the Basic Salary, Grade Pay and Dearness Allowance towards future terminal benefit contributions. The liability for terminal benefits on account of pension and gratuity of existing personnel and existing pensioners of erstwhile UPSEB for prior to 15/1/2000 already rest with Uttar Pradesh Power Sector Employees Trust as per U P Power Sector Reform Scheme.

# Fixed Assets & Depreciation

Fixed Assets are valued at Cost less depreciation.

The Fixed Assets received under Transfer Scheme of U.P. Government ihave been taken into accounts as per details provided in the notification.

RAJESH BHALLA & COMPANY Chartered Accountants(FRN-009146C) (ABIIA SETHI TANDON) Company Secretary

(AVINASH CHANDRA PANDEY) General Manager(F&A)

(C.A. RAJESH BHALLA) Partner (Mem. No. 078730)

Placed: LUCKNOW Dated : 25 | 09

CHARTERED CCOUNTANTS (SUDHIR RRYA) Director(Fillance) DIN-05135\$80

[4]

Managing Director DIN-08677754

Companies Act 2013.

- 111) The depreciation has been charged on WDV of asset over their remaining useful life consequent upon changes in rates/mies as perschedule II of the Companies Act 2013.
- Any asset has been considered to be used for full year irrespective of his date of numbers Acquisition while working out the useful life of the asset.
- (00% depreciation is provided in the Sear of purchase of Fixed Assets whose cost of acquisition is less than Rs.5000/-.

## D. <u>Inventories</u>

Inventories of Stores and Spares, materials, consumables and other stocks are valued at the lower of cost and net realizable value.

# E. Grants & Subsidies

Govt. Grant received for renovation & modernization for the purpose of increasing capacity of projects, is treated as Capital Reserve.

## F. Writing off of debtors

50% of the receivables from UPPCL for the year beyond 5 years starting current year shall be written off every year if the dues for that year are not realized during the year for which the accounts are being prepared.

# G. Sales

- Sales is accounted for on the basis of tariff decided by UPERC but after reducing component of interest on LIC loan in tariff as the same as per policy followed is to be claimed on payment basis.
- ii) Wherever Corporation is supplying power to consumers directly including irrigation staff posted at unit's colony, the same has been treated to have been done on behalf of UPPCL and accordingly accounted for in books of account. These accounts are subject to confirmation from UPPCL.
- Export/Import of Electricity to UPPCL is accounted for on the basis of joint meter reading and net of Export and Import is taken as sale to UPPCL.

H. Compensation of generation loss & Interest on savings bank deposits & receivables at Pipri are accounted for on cash basis.

RAJESH BHALLA & COMPANY Chartered Accountants (FRN:009146C)

- CHARTÉLEO ACCOUNTANTS (ABHA SETHI TANDON) Company Secretary (AVINASH CHANDRA PANDEY)
General Manager (F&A)

(C.A. RAJESH BHALLA) Partner (Mem. No. 078730)

Placed: LUCKNOW.

Dated : 25/09

(SUDIHE RYA) Director(F nance) DIN-05136780

Managing Director D1N-08677754

[5]

# U.P. JAE VIDYUT NIGAM LIMITED

3 SHARE CAPITAL		(Amount in 8s.)
Particulars	AS AT 31.03.2020	A5 A7 30.03.2019
A. AUTHORISED		
1,50,00,000 Equity Shares of Rs. 1,000 each	1500000000000	15000000000.00
(Previous Year 1,50,00,000 Equity Share of		
P- 2000/-each)		
B. Issuad Subscribed & Policipp	4353294000.00	4353294000.00
4353294 Eq.Shares of Rs.10007- each		
(Previous Year 4353294.Equity Share of Rs.		
:000/- each)		
a) The Corporation has only one class of shares		
referred to as equity shares having a par		
valueRs. 1000 per share		
b) During the year the Corporation has not issued		
equity shares.		
c) Reconciliation of the number of shares		
Outstanding at the beginning of the year	4353294	4345294
Shares issued during the year	C	8,000
Outstanding at the end of the year	4353294	4353294
d) Shares held by each shareholder holding		
more than 5% shares		
Name of share holders	No. of Shares	No. of Shares
Government of Uttar Pradesh(100% holding		(
including nominees shareholders)	4353294	4353294
	4353294000.00	4353294000.00
4 <u>RESERVES &amp; SURPLUS</u>		
a. CAPITAL RESERVE	248238000.00	248238000.00
b. Add.Grants received (MNRE)	14850000.00	14850.000.00
c. Add Premium on lease of Land	20356666.00	205755555.00
d. Less. 1/99 transferred to other income	(2188889.00)	{2188889.00}
Closing Salance	464465777.00	466654666.00
Op 8al. of Profit & Loss A/C	(4037658370.94)	(3783840211.19)
Profit/(Loss )for the year	(188109246,22)	(253828159.75)
Total	(3761311840.16)	(3571013704.94)
5 Share Application money pending Allotment	0.00	0.00
a Angle Application (doubt heliquis Briotistif	0.00	0.00
The second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second secon	0.00	0.00

No share application money has been received during the year(previous year nil)

As per report of even date RAJESH BHALLA & COMPANY Chartered Accountants (FRN-009146C)

CHARTERED ACCOUNTANTS

(C.A. RAJESH BHALLA) Partner (Mem. No. 078730) Place: LUCKNOW,

Dated: 25/09

(ABHA SETHI TANDON) Company Secretary

(SUDHIR ARYA) Director(Finance) DIN-05135760

(AVINASH CHANDRA PANDEY) General Manager(F&A)

> (M. DEVARAJ) Managing Director DIN-08677754

[6]

# U.P. JAL VIDYUT NIGAM LIMITED

U.P. JAL VIDYUT N	IQUIVI FRANCED	(Amount in Rs)
6 Long -Term Borrowings	AS AT 31.03.2020	AS AT 31.03.2019
Particulars Accrued unclaimed amount relating to borrowings	22197166.03	22197166.03 646500000.00
Accrued unclaimed amount to the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the cont	646500000.00 851045000.00	£52143 <u>930,00</u>
From GC	1920840166.03	1520840160.03
TOTAL	and the Corporation at	fter the value of Assets

a) Accrued unclaimed amount relating to porrowings is the balance remained with the Corporation after the value of Assets & Habilities transferred to the Uttaranchal J.V.N.L on 8.11.2001 out of balance( transferred by the GoUP to the Corporation vide notification no. 348/P-1/2001 dated 25th January 2001 consequent upon trifurcation of erstwhile U.P.S.E.B) incorporated by the Corporation on 15.1.2000.

b) Unsecured Loan from U.P.Govt. was taken for construction of Belka, Baba. , Sheetia schemes & renovation & modernisation of Rihand power house between the period 1987 & 2001-02 but in absence of clear terms of

repayment, loan has not yet been repaid.

Loan from LIC has not been taken directly but was transferred to the Corporation under the transfer scheme vide notification no. 348/9-1/2001 dated 25th January 2001 on 15.1.2000. Initially total load of Rs.424.18 Crore was transferred to the Corporataion on 14.1.2000 but consequent upon formation of Uttaranchal JVN on 8.11.2001 aforesaid ioan along with overdue principal was trasferrred to UIVNL but out of this loan amounting to Rs. 85.22 crore was accounted for in FY 2005-06 as per Ministry of Power, Govt of Inoia's order no.S.o.1228E dated 2.9.2005 regarding division of loan between Uttaranchal JVNL & UPJVNL

Other long term liabilities  On Govt. Loans ( Not yet Due)  On LIC Loans Capital supplies/material  O&M works Credit for power purchase Staff related liabilities & provisions Deposits & other advances received Security deposits Liability UPPCL	2253702307.15 2434166948.92 {1782823.85} 64052289.86 347396.31 207683952.74 {5726666.05} 807108.16 {383244852.57} 26132574.62	2147747307.15 2314866928.92 (1782823.85) 64052289.86 347396.31 207683952.74 (5726666.05) 807108.16 (383244852.57) 25983719.62
Payable to trust .	(25368674.36)	(25368674.36)
Other liabilities TOTAL	4570769560.93	4345365685,93

Long term liabilities are mainly the transferred figures - remained with the Corporation after the value of Assets & liabilities transferred to the Uttaranchal J.V.N.L on 8.11.2001 out of the balance transferred by the GoUP to the Corporation vide notification no. 348/P-1/2001 dated 25th January 2001 consequent upon trifurcation of erstwhile

U.P.S.E.B.

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As per report of even date

RAJESH BHALLA & COMPANY Chartered Accountants (FRN-009146C)

-CHARTERED

(C.A. RAJESH BHALLA) Partner (Mem. No. 078/36) LUCKNOW

Place:

(ABHA SETHI TANDON) Company Secretary

> (SUDHIR HRYA) Director(Finance) DIN-05134780

(AVINASH CHANDRA PANDEY) General Manager(§&A)

> (M. DEWARAJ) Managing Director DIN-08677754

[7]

#### U.P. JAL VIDYUT NIGAM LIMITED

		(Amount in Rs)
8 Long term provisjous	AS AT 31.03.2020	AS AT 31.03.2019
Provisions for coubtful debts	1392881 06	1392881.06
TOTAL	1392881.06	1392881.06
9 Other current liabilities		
U.P.Rajya Viqyot Utpadari Nigam Ltd ( PtA A/c )	21444138.00	21444138.00
rigo patero da mages	1469386.60	1459385 60
Salary & Wages	55728400.96	86109654.96
Other riabbit es/payables	162342469.08	155347413.31
Security deposits/ Farnest Money	121011021.63	100907682.63
Retention money	64855874.12	62964854.12
Capital supplies/material	613574.54	74493.00
O&M works,	503464937.37	338136619.07
other payables	35000787.80	55932249.00
Liability -UPPCL	845058589 15	807372314.10
JAYGT	1810987179.25	1610758804.79

a) The PLA a/c of the Corporation represents the liability on account of amount sanctioned to UPRYUNL by GoUP and have been kept by the Corporation till its withdrawl.

b) Sale of electricity on behalf of UPPCL has been shown as flability towards UPPCL.

c) Other Payables includes unedjustable/Unclaimed balances.

10 Short term provisions

o short term provisions		
(i) Leave Encashment	281015049.00	 267268020.00
(ii) Others	0.00	0.00
TOTAL	281015049,00	 267268020.00

As per report of even date RAJESH BHALLA & COMPANY Chartered Accountants (FRN-009146C)

(ABHA SETH! TANDON) Company Socretary

(AVINASH CHANDRA PANDEY) General Manager(F&A)

(C.A. RAJESH BHALLA)

Partner (Menn. No. 078730/c Place: LUCKNOW.

Daled : 25/09/

ACCOUNT WITE

(SUDHIR ARYA) Director(Finance) DIN-05135780

(M. DEVIRAL) Managing Director DiN-08677754

# UPJAL VIDYUT NIGAM LIMITED

# CONSOLIDATED AS AT 31ST MARCH 2020

JI.TANGIBUE ASSETS		•			,					
	G R	8 8 0	B 1. O	Z K		Depresiation/Amortisulion	<u>mortisutioa</u>		Net Carrying V	lina)
Particulars	Opening Balance as on 1.4.2019	Additions during the	Deductions/ Adjustments	Deductions/ Closing as at 31st	Opening Balance as on 1.4.2019	Depreciation	Deductions/A (d)	Depreciation Deductions/A Closing as at 31st	Asat31 Mar.: Asa 2020	: cc
		Year	during the vear				during the			
	, A	8	U	D(A+B-C)	ы	بنا	ڻ	[[[:++-C]	J(D-f)	إشا
Land										
Lease Hold	7159085.75	00.0	00.0	7159085.75	000	0.00	S C	196 D	7159085.75	
Free Hold	2189635.22	00.0	00.0	2189635.22	0.00	00'0	00.0	100 c	2189633.22	21
Buildings									:	;
- Residential	₹117446820.99	16641589.00	0.00	134088409.99	98559441.58	2959310.61	0.00	101518752 19	32569657.80, 1	≃:
- Non Residential	142214527.45	00.00	0.00	142214527.45	86569273.76	2361203.51	0.00	88930477.77	53284050,18;	φı
Hydraulic Works	2270287870.33	0.00	00.0	2270287870.33	2182309929.82	82383.34	0.00	2182592813.14	87595057.17	
Other Civil Works	253707556.77	0.00	00.0	253707556.77	203682727.30	1823952.73	0.00	2CS506680 03		7.
Plant And Machinery	2475898705.74	98887528.35	00.00	25.	1729846683.35	58506194.02	00.0	=	786433356.72  740	ž
Lines.Cables, Networks Etc.	24589417.63	00.0		24589417.63	19077293.25	310207.37	000	19387500 62	5201917.01.	٠,
Furniture And Fixtures	10995257.87	128650.00	00.0	11123907.87	9791717.40,	. 269773.67	000		1062416.81.	
Vehicles	10673962.69	00'0	00'0	10673962.69	16282787,81	22941.90	0.00	10.105722974	368232-98	:
Office Equipments	14108334.36	60776.00	0.00	14169104.36	13311891.34	134783,77	00.0	13446675.17	722429.24	
Capital Spares At Generating Stations	\$557748.70	0.00		5597748.70	5449029.34	0.00	0.00	5449029.34	148719.36	
Survey Equipment	\$558.00	00'0	0.00	8558.00	8558.00	0.00	000	8558 00	0.00	
Tools & tackles	2192242.74	394209.36	00.0	2586452.10	2040186.37	201587.35		2241773.77	344678,38	
Electric Installation	88741.00	00.00			84303.95	0.00	60.0	84303.95	46705	1
Library Books	116634.05	0.00	00.0	146634,05	111022.55	0.00	00'1)	111072.53	:	
Cambuters	3929081.76	425435.00		4354516.76	97.630897.	268837.71	000	403.3809.92		:
	5341204181.05	116538181.71	0.00	5457742362.76	4364889908.08	66941675.97	0.00	4431831584.6	1025910778,71 97	Ĕſ

(ABHA SETHI TANDON) Company Secretary

> Chartered Accountants (FRN-009146C) RAJESH BHALLA & COMPANY

As per report of even date

Director(Finance) DIN-05139780 (SUDHIRWRYA)

General Manager (£ & A)

(AVINASH CHANDRA PANDEY)

(M. DEVIKA) Managing Director DIN-38677754

[6]

CHARTERED ACCOUNTANTS ,

Dated: 25/09/2

Partner (Mem. No.,078730) Place: LUCKNOW.

(C.A.RAJESH BHALLA)

# U.P. JAL VIDYUT NIGAM LIMITED

		(Amount in Ro
12 <u>Capite! Work in progress</u>	AS AT 31,03,7020	AS AT 31.03.201
Civil & E& M. Works	137125006,16	195252335.0
TOTAL	117125006.16	195252335.0
3 Long term Loans & Advances		
Advance to Suppliers & Contractors	(30205578.45	(38200578.4)
Advances to statif	(508292.02)	(36200376.4)
Sundry Doposity	12599808.05	125998us.ii
Sundry Receivables	(86371345.57)	{8\$371345.57
Receivabale from UPPCs	159814000.CO	169814000.0
Amount Recoverable from Ultaranchal JVNL	1532011097.06	1532011097.0
Advances recoverable in cash or kind or value to be received	6518848.71	8518848.7
Other advances	42852.50	42852.50
TOTAL	1597906391.26	1507005201 2
Long term loans @ advances are mainly the transferred figures rer	nained with the Corporation afti	
- maderities defisienced to the Ottaranchal J.V.N.L on 8,11,2001 out o	total lielance vide nortfication i	no 340/0 1/2001 dec. 1
25th January 2001 consequent upon trifurcation of erstwhile U.PS,	E.B transferred by the GoUP to	the Corporation.
<u>INVENTORIES</u>	, .	, , , , , , , , , , , , , , , , , , ,
The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s		
i Stores & Spares	45043555	<del></del>
i Stores & Spares ii. Loose Tools	138635230,42	
ii. Loose Tools	302261.00	
	302261.00 1343648.41	302261.00 1457260.24
ii. Loose Tools iii. Lubricant stocks	302261.00 1343648.41 140281139.83	302261.00 1457260.24 116454943.66
ii. Loose Tools	302261.00 1343648.41 140281139.83 28223086.80	114695422.42 302261.00 1457260.24 116454943.66 28223086.80
iii. Lubricant stocks  Provision for unserviceable stores	302261.00 1343648.41 140281139.83	302261.00 1457260.24 116454943.66

As per report of even date
RAJESH BHALLA & COMPANY
Chartered Accountants (FRN-009146C)

(C.A. RAJESH BHALLA)
Partner (Mem. No. 078730)
Place: LUCKNOW.

Dated : 25 |09/2

from the date they are due for payment

Others 1

TOTAL

CHARTERED ACCOUNTANTS

(ABHA SETHI TANDON) Company Secretary

1264007768.23

508458570.31

1772466338.54

(SUDHIR ARYA) Director(Finance) DIN-051 (5780 (AVINASH CHANDRA PANDEY) General Managor(F&A)

 $\mu w/2$ 

632241204,49

571052412.43

1203293616.92

(M. DEVARAJ) Managing Director DIN-08677754

## U.P. JAL VIDYUT NIGAM LIMITED

		(Amount in Rs)
10 Cash & Cash Equivalents	AS AT 31.03.2020	AS AT 31.03.2019
(i)Balances with Banks		
- In saving Bank A/c	80746131.29	65886891.26
r - in Fixed Deposits	3055804237.00	3734757792.00
- In others	196810655.06	40139847.64
(ii)Cash -on- Hand	43640.81	24294 10
, ministriens-Pryst.	19010.00	12095.00
<u>-in PLA Account (Gavit, Treasury)</u>	21444138.00	21444138.00
JATOT	3354867812.16	3863265148 02
The deposits with banks comprise time deposits ,which can be with penalty on principal.	drawn at any time without p	prior notice and without any
17 Short term Loans & Advances		
Advances to Suppliers & Contractors	44977547.20	33661398.11
Advances to staff	1586092.69	1764717.55
Prepaid expenses	13250962.55	742332.77
TDS	58017546.00	742332.72 58019724.00
Advance Income tax	178997764.00	178250545.00
Sundry deposits	20027210:00	27210.00
Sundry receivables	9775025.57	27210.00 2803619.00
Other Advances	235025536.51	
Electricity, rental & other deposits	108287548.93	78338321.39
TOTAL	669945233.45	89188708.33 442796576.10
Other Advances includes unadjustable balances(without details).		442750576.10
18 Other Current Assets	and the second second	
Interest receivables from banks	85388686.00	120209342.00
inter Unit-Uttaranchal	1856432621.49	1856432521.49
Inter Unit balances	(1815113924.51)	· · - · · ·
TOTAL	126707382.98	(1815796307.66)
	+00,07002.70	160845655,83

As per report of even date RAJESH BHALLA & COMPANY Chartered Accountants (FRN-009146C)

CHARTEROD ACCOUNTANTS

(C.A. RAJESH BHALLA) Partner (Mem. No. 078730)

Place: LUCKNOW.

Dated: 25/09/2

(ABHA SETHI TANDON) Company Secretary

(SUDHIRITAYA) Director(Fibance) DIN-05135780

(AVINASH CHANDRA PANDEY) General Manager(F&A)

(M. DEVARAJ) Managing Director DIN-08677754

# U.P. JAI VIDYUT NIGAM LIMITED

29 OTHER INCOME Particulars		(Amount in 6s)
Interest on Bank deposits	31st March 2020	B1st March 2019
	257102933.00	265044300.74
Compensation of generation loss	332365402,62	129217202.79
Penalty from contractors & Suppliers Rent from contractors	719877.00	312737.00
Sale of tender forms	3156593.04	1323284.00
	\$3 <b>169</b> 6.69	719497 90
1018 of Surup materix	7120.00	3370 71
hent from Housing property	56256.00	335.00
idase Rent/Premium	5826189.00	5692869.53
Liability/Provision Written back	0.00	5304356,38
Miscelfaneous income	5134050.54	9054553.7s
Sale of Fish	9370370.00	2756042,00
TOTAL	612270287.89	419435489.23
70 March 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		440400463.23
20 Employee Benefits Expenses		
Salary & Wages	455586928.70	453251163.75
Contribution to Provident & other Funds	29737901,00	28307587.00
Staff Welfare Expenses	251351.64	
Medical Expenses	5339998.20	375650,16
Uniform & Liveries	165187.34	4307099.50
Pension & Gratuity Contribution	36772597.00	394304.10
Stipends	640808.00	90796503.00
Ex-gratia Compensation	1222716.00	49735.60
Over time	30000.00	1332709.00
Leave Encashment		60000.00
Ex-gratia	32400401,00	33482015,15
TOTAL	256780.00	277504.00
	562405668.88	612634271.26
21 <u>Finance Costs</u>		
loterest expense	225255020.00	
TOTAL	225255020.00	225255020.00
	223255020.00	225255020.00

As per report of even date
RAJESH BHALLA & COMPANY
Chartered Accountants (FRN-009146C)

(C.A. RAJESH BHALLA) Partner (Mem. No. 078780) Place: LUCKNOW Dated: 25 09

CHARTERSO CACCOUNTAINTS

(ABHA SETHI TANDON) Company Secretary

(SUDHIR ARYA) Director(Floance) DIN-05135780 (AVINASH CHANDRA PANDEY) General Manager(F&A)

> (M. DEWIRAJ) Managing Director DIN-08677754

# U.P. JAI. VIDYUT NIGAM LIMITED

ZZ <u>OTHER EXPENSES</u>		(Amount in Rs)
Particulars Particulars	31st March 2020	31st March 2019
Power & Fuel	348763.78	552 <b>306</b> ,96
<u>Repair &amp; Mantainence :</u>		
Bellding	34016815.01	37611105.99
Plant & Machinery	84914571.09	103142287.02
Others	234575860,00	42095701148
www.e.ce	3362936.17	1914823 55
Rate & Taxes	587777.00	574634,00
Miscellaneous expenses	Z81926.85 <sup>-</sup>	268613.27
Bad dabts written off/written back	8206 <b>9</b> 500.00	(37583000,00)
Statutory Audit Fee	153400.00	153400,00
Secretarial Audit Fee	0.00	25000.00
Office Expenses	1580003,28	2291307.08
Internal audit fee	295708.00	290060.00
Cost Audit fee	135700.00	135700,00
Advertisement Expenses	2881469.53	3210577.00
Bank charges	24740.20	1\$305.41
Books & Periodicals	7005.00	27162.00
CISF (Security ) Exp.	317223930.68	293506036.06
Conveyance	39509.00	Ċ.00
Electricity Charges	265473.00	270676.00
Entertainment/ Ceremonial exp.	88058.00	106520.00
Postage & Stamps	124922.00	134796.00
Computer hire charges	230770.00	161751.00
Printing & Stationery	1076317.74	1192630.48
Legal & Professional Charges	5236950.14	5211600.40
Registration Fees / Subscriptions	295000.00	329205.00
Rent	116400.00	116400.00
Seminars & Conference Exp.	0.00	240133.00
Prior period items (Net)-refer note no.23	(3841646.86)	3248334.80
Telephone & Trunk calls	1507018.18	1491554.09
Travelling Exp.	1386621.48	1964197.99
Vehicle biring/running & maintenance Exps.	21311320.60	19863328.07
Plantation	1595100.00	0.00
School exp.	602390,00	597080.00
TOTAL	792494309.87	861717320.09

As per report of even date RAJESH BHALLA & COMPANY Chartered Accountants (FRN-009146C)

(C.A. RAJESH BHALLA)

Partner (Mem. No. 078730) Place : LUCKNOW.

Place: LUCKNOW. Dated: 25 09 12

CHARTERED ACCOUNTANTS

(ABHA SETHI TANDON)
Company Secretary

(SUDHIR VRYA) Director(Finance) DIN-0513\$780 (AVINASH CHANDRA PANDEY), General Manager(F&A)

> (M. DEVARAJ) Managing Director DIN-08677754

[13]

# U.P. JAL VIDYUT NIGAM LIMITED

23. Prior period items		(Amount in Rs)
Particulars	31st March 2020	31st March 2019
Prior period Expenses		
Pension & gratuity contribution	56541.00	493774.00
EPF & FPF employer contribution	242152.00	705646.00
Ciffice Expenses	3654.00	5083.00
CPF	87628.00	0.00
Tender Cost	0.00	938,00
Rates & taxes	300.00	516812.00
Salary & Wages	1709925.30	782593.00
GST	1733679.36	0.00
CISS Expenses	624503.00	846908.00
Bank Charges	0.00	13:90
Liability for Works	519039.00	0.00
Penalty from Contractor	. 0.00	69843.00
Insurance	3200000.00	497067.00
Ex-Gratia/Exgratia compensation	6908,00	0.00
Lega; Expenses	(21413.00)	0.00
Misc Expenses	786004.41	0.00
Travelling Exp.	62723.00	44584.00
Payment to Irrigation	09.0	3828758.00
Repairs & Maint.	418904.00	0.00
Medical Expenses	377412.00	218349.00
Vehicle Running & Maintenance	194751.00	0.00
TOTAL :: c/d	10002711.07	8010366.90
TOTAL b/f	10002711.07	8010366.90
Less : Prior period income	•	
Liabilities written back	0.00	4672519.00
Stock Adjustment	0.00	59525:10
Interest on Bank Deposits	0.00	28873.00
Telephone Expenses	00.00	1115.00
Deposit Work UPPCL	737551.00	0.00
Travelling Expenses	36084.00	0,00
Lease Premium	5997058.93	0,00
Miscellaneous Income	7073664.00	0.00
TOTAL ::	13844357.93	4762032.10
Net prior period expenses/Income	(3841646.86)	3248934.80
	<del></del>	<del></del>

As per report of even date RAJESH BHALLA & COMPANY Chartered Accountants (FRN-009146C)

(ABHA SETHI TANDON)
Company Secretary

(AVINASH CHANDRA PANDEY)
General Manager(F&A)

(C.A. RAJESH BHALLA)
Partner (Mem. No. 078730)
Place: LUCKNOW.

Dated : 25 | 09 | 2 |

CHARTERED ACCOUNTANTS

(SUDHIR ARYA) -Director(Firance) DIN-05135780

[14]

(M. DEVARAJ) Managing Director DIN-08677754

Contingent Liabilities	2019-20 (Rs. in facs)	2018-19 (Rs. in lacs)
Capital Commitments	465.67	751.81
Claims against Company not acknowledged as debt *	1572.30	1314.14
Disputed Trade Tax Demand	.9.71	9.92
Disputed Income Tax demand * *	5440.10	5500.33
Compensation against drawl of water(MPPTCL)	2972.14	2972.14

<sup>\*</sup> Includes amount of awards Rs 439.38 lacs against which a sum of Rs 1352.41 lacs is deposited in various courts.

Consequent upon trifurcation of erstwhile U.P.S.E.B. the balances of Assets & Liabilities transferred by Go UP to the Corporation vide notification no.348/P-1/2001 dated 25<sup>th</sup> January 2001 were incorporated in the books of the corporation on 15.1.2000 as per aforesaid notification. These Assets & Liabilities were without any individual/project wise details. Therefore, the accounts of the Corporation consist also these assets & liabilities remained with the Corporation after the value of Assets & liabilities transferred to the Uttaranchal J.V.N.L on 8.11,2001 out of aforesaid figures.

## 3. LIC Loan

A.LIC Loan to the tune of Rs.85.21 crores (including overdue principal) was accounted for in F.Y.-2005-06 as per Ministry of Power, Govt of India's order no.S.o.1228 E dated 2.9.2005.

B.UJVNL has not accepted their loan liability amounting to Rs.352.54 crore as decided by above referred order ,Consequently the transfer scheme between Uttaranchal JVNL & UPJVNL is not yet finalized & liability remain unpaid.

## 4. Sales

i) Own consumption of power on account of Streetlight, utilities, dffice premises, club, inspection Houses owned by Nigam is treated as own consumption and is reduced from generation. However, electricity charges being charged from staff in respect of electricity supplied to them is being shown as liability to UPPCL.

Sales is being accounted for as per tariff approved by Hon'ble UPERC on 03.07.2018. However, as the Tariff in respect of Rihand & Matatila HEP is yet to be decided by Hon'ble Commission, therefore, the Corporation has accounted for sales of these power houses on the basis of tariff approved by Hon'ble UPERC on 20.10.2011 for the FY 2013-14.

RAJESH BHALLA & COMPANY Chartered Accountants (FRN-009146C)

A 4

ACCOUNTANTS

(ABHA SETHI TANDON)
Company Secretary

(AVINASII CHANDRA PANDEY) General Manager(F&A)/

(C.A. RAJESH BHALLA) Partner (Mem. No. 078730)

· .

Placed; LUCKNOW.

(SUDHHUARYA) Director(Finance) DIN-05135780

(M. DEGABAJ)
Managing Director
DIN-08677754

[15]

<sup>\*\*</sup> Disputed Income tax demand (excluding adjustment against bought forward tosses) of which cases are pending before CIT appeal/ITAT.

- The Corporation has accounted for sales after reducing component of interest iii) amounting to Rs. 17.02 crore on LIC Loan in UPERC's tariff orders.
- Terms & conditions of UP Govt. Loan (Amount Rs. 64.65 Crores) are yet to be finalized; as a result, interest Rs. 225.37 Crores (Previous year Rs. 214.77 crores) on the same has been provided for on adhoc basis.
- As the assets of the Corporation, are already appearing at low cost & the recoverable б. amount is expected to be higher, therefore, impairment losses are unlikely. The realizable value of assets is more than the book value
- The corporation has commenced billing to HPSEBL & MPPTCL out of the generation from Khara, Rihand & Matatila power houses since FY 2011-12. Percentage of power supplied out of generation from these power houses is as under :-

Name of Power House	Percentage of power supply		
	<u>UPPCL</u>	<u>HPSEBL</u>	MPPTCL.
Khara Power House	80	20	-
Rihand Power House	85	-	15
Matatila Power House	66.67	<b>-</b> .	33,33

MPPTCL is not verifying the bills of UPJVNL as matter is sub-judice in Hon'ble APTEL.

The Corporation was making payment/adjustment from income of Compensation of 8. generation loss(water charges) against the dues recoverable from UPPCL (on account of sale of electricity from FY 2011-12) after considering their claim that they are making payment to the UPJVNL to the extent of design energy even in case of less supply to them (because of drawl of water by the Corporation for sale/garning income). Since current year, the Corporation has commenced billing of capacity charges & energy charge every month based on energy charge rate to its beneficiaries as per UPERC (Terms and Conditions of Generation Tariff) Regulation-2019 w.e.f. April-2019. Due to aforesaid change, the claim of UPPCL is not justified now. Accordingly, aforesaid payment /adjustment has been discontinued from current year.

RAJESH BHALLA & COMPANY Chartered Accountants(FRN-009146C) (ABHA SETTH TANDON) Company Secretary

(AVINASH CHANDRA PANDEY) General Manager(F&A)

(C.A. RAJESH BHALLA)

Partner (Mem. No. 078730)

Placed: LUCKNOW Dated : 25 0

(SUDHILLIARYA) Director( | pance) D1N-05136780

(M. DEVAÏKAJ) Managing Director DIN-08677754

[16]

- As specified in note no. 24.2 ,no project vise detail was available for Assets transferred by 9. GoUP to the Corporation vide notification no.348/P-1/2001 dated 25th January 2001. After transfer of assets to the UJVNL on 8.11.2001 , Gross fixed assets valuing Rs. 32079.28 laes remained with the Corporation. Out of this, Building ,Hydrolle works, other civil works & Plant & Machinery consist value of Rs.31901.95 lacs. These fixed assets have been bifurcated on the basis of Capacity of Projects. Age of aforesaid assets has been considered since year of commercial operation to workout remaining life of assets for the purpose of calculation of depreciation.
- No provision for taxation has been done during the year in view of admissible brought 10. forward losses for the A.Y. 2020-21. The brought forward losses are subject to disposal of appeals in Nigam's favour.
- The balances in accounts of Parties, Contractors, and Government Departments etc. under 11. the Heads Current Assets, Loans & Advances and Current Liabilities are subject to confirmation and reconciliation.
- Inter Unit Balances mainly represents un-reconciled transactions of the earlier years (upto 12. 31.3.2002) related to large hydro projects.
- Advances due from Directors of Nigam, as at the end of the year was Rs 4785.00 i3. (Previous year Rs.4785.00). Maximum balance due from Directors during the year was Rs 4785.00(Previous year Rs. 4785.00 only).
- Cash & Bank Balances includes Rs 2.14 crores (Previous Year Rs. 2.14 crores) received from U.P. 14. Government in P.L.A on account of UPRVUNL). The same has been shown as payable to UPRYUNL as current liabilities
- Information in respect of installed capacity & actual generation is as follows:-15.

and the second	<u>2019-20</u>	<u>2018-19</u>
The Installed capacity	524,90 MW	524.90 MW
The Actual Generation	1122,20 MU	1194.19 MU

Disclosure as per Accounting Standard 20 'Earning Per Share' ;-16.

	Current Year	Previous Year
Net Profit/(Loss) after tax used as numerator -	(18.81)	(25.38)
Rs. in Crores  Weighted average number of equity shares used	4353294	4352001
as denominator (Basic) Weighted average number of equity shares used as denominator (Diluted)	4353294	4346587
Earning per share (Basic) – Rs.	(43.21)	(58.32)
Earning per share (Diluted) – Rs.	(43.21)	(58.40)
Nominal value per share – Rs.	1000.00	1000

RAJESH BHALLA & COMPANY Chartered Accountants(FRN-009146C)

> CHARTERED **ACCOUNTANTS**

(ABITA SETHI TANDON) Company Secretary

(AVINASH CHANDRA PANDEY) General Manager(F&A)

(C.A. RAJESH BHALLA) Partner (Mem. No. 078730) (SUDHIR RYA) Director(Figunce) DIN-05135780

(M. DEVĮAJ) Managing Director D1N-08677754

Placed: LUCKNOW.

Dated : 25 09

[17]

17. Information about primary business segment :-

The Nigam has disclosed Business segment as the Primary Segment. The Nigam's operations only relate to generation of electricity as a result it has only one business segment.

Information about Secondary Segments: - Geographical.

The Nigam has operations only in India.

The Figures of previous year have been regrouped /rearranged wherever necessary.

RAJESH BHALLA & COMPANY Chartered Accountants(FRN-009146C)

ACCOUNTAN

(ABHA SETHI TANDON) Company Secretary (AVINASH CHANDRA PANDEY) General Manager(F&A)

(C.A. RAJESH BHALLA) Partner (Mem. No. 078730) (SUDHIR WRYA) Director(Finance) DIN-05135180 (M. DEVARAJ) Managing Director DIN-08677754

.

Placed: LUCKNOW Dated: 25/09/

# उत्तर प्रदेश जल विद्युत निगम लिगिहेड U.P.YAL VIDYUT NIGAM LIMITED

(A U.P. GOVERNMENT ENTERPRISE)

Registered & Corporate office : Shakti Bhawan Extra, 13th Flant,14: Ashak Mary, Luck now-226001 पंजीकृत एवं कारपोरेट कार्यालय शक्तिमनम विभाग 13th वर्ज 14 संशोक गोर्न , अंख्याज CIN-13180111P18886G5007138

OFFICE OF THE
EXECUTIVE ENGINEER
HYDEL OBRA POWER STATION
P.O.-OBRA-231215
DISTT. SONEBHADRA (U.P.)
Telefax No. 05445-282191



कार्यालय अधिकासी अभिकता ओक्श जल विश्वा गृह गंजालयः ओब्स-231219 जनपदः-सौनमद्र

<u> कौन 05445-,282191</u>

No. 15 AlOPS Capital works

Date It Cu wow

Subject: - Regarding details of the Additional Capital works for the F.Y. 2018-19 to 2023-24 for regulation of ARR and Tariff in order to claim Additional Capitalization in ARR.

Superintending Engineer(commercial)

U.P. Jal Vidyut Nigam Ltd. Vikasdeep, Lucknow.

Dear Sir,

Please find enclosed here with the required details of Additional Capital works for the F.Y. 2018-19 to 2023-24 for regulation of ARR and Tariff in order to claim Additional Capitalization in ARR against letter no. 54/SE(Comm.)/E-1 dated 08-04-2022 for your kind information and necessary action.

Encl: As above

(M. K. Gautam)

Executive Engineer

No. /HOPS / Capital works of Dated:

Copy forwarded to the following for information and necessary action:

1. Chief Engineer (O&M), U.P. Jal Vidyut Nigam Ltd. Shakti Bhawan Lucknow.

(M. K. Gautam)
Executive Engineer

# HYDEL OBRA POWER STATION Poposed Capital Works from 2018-19 to 2023-24

	1 For the Year 2018-19	
<u> </u>	. No Description of Work	Amount (Pain Law)
	Test	(Rs in Lac) Nil
L	<u> </u>	
<u>[</u>		Amount
S.	No Description of Work	(Rs in Lac)
	1 Total	Nil
	3 For the Year 2020-21	
S.	No Description of Work	Amount (Rs in Lac)
1	Total	Nil
4	For the Year 2021-22	
S. N	Description of Work	Amount (Rs in Lac)
1	Total	Nil
5	For the Year 2022-23	
S. N	Description of Trota	Amount (Rs in Lac)
	Supply, Installation, Testing and Commissioning of RGMO/ FGMO software in Governors of machines.	45.00
2	Supply and Installation of new centralize Air Conditioning (2x25Ton) system.	45.00
3	Supply and Installation of 320 KVA new DG set along with auto synchronization panel.	37.79
4	Procurement of 132 KV Polymer CT(09 CT)& PTs(13 PT) for Obra	58.36
5	Relays Networking and PCM upgradation	24.90
6	Refurbishment of Turbine Hall roof shed	70.00
7	Automation & R&M work of 15 No.s Tainter Agtes and its C&I panels as well as security work with fixing of CCTV camera at these gates of Obra Dam	125.00
	Total	406.05
_5	For the Year 2023-24	
S. No	Description of Work	Amount
1	Refurbishment of 17 Nos. LT switchgear complete in all respect.	(Rs in Lac 48.15
2	Supply and installation of 12 Nos. 132 KV Isolators for machine and feeders	
3	Procurement of two no. Rotor poles.	81.82
4	Automation works of Intake Gate Panels of all 03 machines.	50
5	Replacement of 132 KV Main Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passania Bus and Passa	30.00

Replacement of 132 KV Main Bus and Reserve Bus conductor in 132 KV

Note:- Taxes shall be extra

switchyard

5

Total Rs.

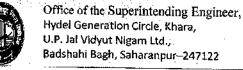
60.00

269.97

# उत्तर प्रदेश जल विद्युत निगम लिमिटेड UTTAR PRADESH IAL VIDYUT NIGAM LIMITED

(A U.P. Govt. Enterprises)

कार्यालय अधीक्षण अभियन्ता, जल विद्युत उत्पादन मण्डल, उ०प्र० जल विद्युत निगम लि०, खारा, बादशाहीबाग, सहारनपुर—247122



Head Office: 12th Floor, Shakti Bhawan Extn., 14-Ashok Marg, Lucknow-226001

पत्रांकः 12, /जाविव उठमं विकासित (२.३)

दिनाँकः । 2\_अप्रैल, 2022

अधीक्षण अभियन्ता (वाणिज्य), उठप्रठ जल विद्युत निगम लिठ, 12वाँ तल, शक्ति भवन विस्तार, 14—अशोक मार्ग, लखनऊ—226001.

विषयः निगम के जल विद्युत गृहों के वित्तीय वर्ष 2018—19 से 2023—24 तक ARR एवं Tariff के निर्धारण हेतु Additional Capitalization को AKR में Claim करने के सम्बन्ध में।

महोदय,

कृपया उपरोक्त विषयक अपने मत्र संख्या 54/अधी०अभि०(वाणिज्य)/ई—1, दिनाँक 08.04.2022 का सन्दर्भ ग्रहण करने का कष्ट करें।

उपरोक्त सम्बन्ध में अधिशासी अभियन्ता, जल विद्युत उत्पादन खण्ड, खारा के पत्रांक 351/जिविठिउठेख्व / टैरिफ, दिनाँक 11.04.2022 तथा अधिशासी अभियन्ता, जानपद निर्माण खण्ड, खारा के पत्रांक 15/जिविनिठ / कैंपिटल वर्क, दिनाँक 11.04.2022 द्वारा खारा जल विद्युत गृह के वित्तीय वर्ष 2018—19 से 2023—24 तक के Additional Capitalization की अद्यतन स्थिति / नया प्रस्तावित कार्य की प्राप्त विकित सूचना संलग्न कर आपको अग्रेतर आवश्यक कार्यवाही हेतु प्रेषित की जा रही है।

संलग्नकः यथोपरि।

<u> ਮਰਟੀ</u> ਦ

(अतुल कुमार) अधीक्षण अभिवन्ता

संख्याः / ज०वि०च०म० /

तद्दिनोंकः .04,2022

प्रतिलिपि निम्नलिखित को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित :--

- 1. अधिशासी अभियन्ता, जल विद्युत उत्पादन खण्ड, उ०प्र०जल विद्युत निगम लि०, खारा, बादशाहीबाग।
- 2. अधिशासी अभियन्ता, जानपद निर्माण खण्ड, उ०प्र० जल विद्युत निगम लिंग, खारा, बादशाहीबाग।

(अतुल कुमार) अधीक्षण अभियन्ता For Year- 2018-19

i No.	Name of Work			Amount (In Lac)
01		Nill		O D
لنسا			Total	0

2:- For Year- 2019-20

Sl No. Name of Work	ř		Amount (In Lac)
01 Wiring of CISF Barrak			15.04
		To	tal 15.04

3:- For Year- 2020-21

SI No.	Name of Work	Amount (In Lac)
01	Nill Nill	0
<u> </u>	Total	0

4:- For Year- 2021-22

	1 (Ca) - 2021-22	
	Name of Work	Amount (In Lac)
7	Supply, Erection, Testing & Commissioning of Numerical Relay Control Protection System for 03 units, Feeders, busbar at Khara HEP, along with annunciation system.	233.00
2	Supply, Erection, Testing & Commissioning of Digital Excitation System on 03 Units at Khara HEP.	332,80
3	Supply, Erection, Testing & Commissioning of RGMO/FGMO/FRAS compatible Digital Governing System in 03 Units at Khara HEP.	300.00
4	Procurement of 220 KV polymer CT (24 No.) & 220KV CVT (24 No.) for Khara HEP.	175.18
:	Total	1040,98

5:- For Year- 2022-23

Si No.	Name of Work Relations, Relations	Amount (In Lac)
1	Supply, Erection, Testing & Commissioning of new emulsfire system for generating transformer of all three machines & hydrant pipe line for switch yard	100.00
2	Supply & installation of new co2 bank system with all automation accessories for generators of all three machines.	25,00
3	Supply & installation of new Smoke & Fire detector system of with all accessories for cable gallery & Control room.	20.00
4	Refurbishment of intake gate pulley and hoistuing mechanism of all three machines of KPH.	140.00
	Refurblshment of EOT crane (130/25 T) & Draft tube gantry crane (20 T) of KPH.	60.00
4.75	Total	345.00

6:- For Year- 2023-24

		10.00		
Sl No. Name of Work	1.	·····	11.1	4
01				Amount (In Lac)
UI	Nill			
		·	<u> </u>	- 0
			Total	

Note:- GST Extra.

Qi-w

# Proposed Capital works of CCD Khara Badshahibagh From FY-2018-19 to 2023-24

1:- For Year - 2018-19

Sl.No.	Name of work	Amount (in Lac including GST)
1	Nil	0
<u> </u>	Total	0

2:- For Year :- 2019-20

SLNo.	Name of work	Amount (in Lac including GST)
1	Construction of 01 no. residential block (with S.S.O. room and quarter guard room) for C.I.S.F. unit line at Khara Power House (Distt. Saharanpur)	148.66
	Total	148.66

3:- For Year 2020-21

Sl.No.	Name of work	Amount (in Lac including GST)
1	Construction of 04 no. spur at Kulhal for protection of Khara Power House	2416.34
	Total	2416.34

4:- For Year 2021-22

Sl.No.	t v se s	Name of work		Amount (in Lac including GST)
1		Nil		0
نـــــا	<u> </u>		Total	0

5:- For Year 2022-23

Sl.No.	Name of work	Amount (in Lac including GST)
1	Protection work at back side of Khara Power House, Distt Saharanpur	
2	Constuction of sarai and langer hall near hamuman Mandir at paonta Saheb	236.00
	Total	354.00

6:- For Year 2023-24

Sl.No.	Name of work	Amount (in Lac including GST)		
1	Providing and fixing of quarter guard fencing at CISF Unit Line Khara Distt. Saharanpur	38.94		
2	Construction of Barrack building no 02 for 35 nos C.I.S.F. personnel at CISF Unit Line at Khara Power House (Distt. Saharanpur)	147.50		
	Total	186.44		

Executive Engineer

Civil Const. Div.

U.F. Jal Vidyut Nigam 1 to

Khara Badshahi Bugh

Saharaupur

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<b>उ</b> ०प्र <b>०</b> ज	ाव०	न०	लिव

ਸ਼ਾਨਤ	सख्या	-	
7.~	(1) (24)	•	

# टिप्पणी एवं आदेश

<u>उ० प्र0 जल विद्युत निगम लि0 के निदेशक मण्डल की दिनांक 30.05.2022 को सम्पन्न 129वीं</u> बैठक में एजेन्डा बिन्दु संख्या 15 में दिये गये निर्देशो की अनुपालन आख्या :--

बिन्दु संख्या-10 (2)

निदेशक मण्डल ने निम्नलिखित संशोधनों सहित आय-व्ययक अनुमान वर्ष 2022-23 अनुगोदित किया :-

" पूँजीयत प्राप्तियाँ के अन्तर्गत आन्तरिक संसाधन मद् में प्रस्तावित धनराशि रू० 2618.51 लाख को संशोधित कर रू० 1026.08 लाख किया जाए तथा समानान्तर रूप से पूँजीगत कार्यो पर व्यय के अन्तर्गत अयोजनेतर मद् में धनराशि रू० 2618.51 लाख संशोधित कर रू० 1026.08 किया जाए।"

आख्या :- निर्देशक मंडल द्वारा दिये गये निर्देश के क्रम में उ०प्र० जल विद्युत निगम के विद्युत गृहों हेतु आन्तरिक संसाधन मद् में प्रस्तावित धनराशि रू० 2618.51 लाख के स्थान पर रू० 1026.08 लाख व्यय हेतु निगम के पत्र सं0 213/मु०अभि०(परि०अनु०)/बजट (2022–23) दिनांक 27.06.2022 द्वारा सम्बन्धित मण्डल अधिकारियों को निर्देशित किया गया है।

मुठभाष्मिम्हा (प्रिक्षं अरे 9) भि रुप्प 28/6/2022

(चन्द्रभान प्रसाद)<sup>28</sup>/८/12<sup>2</sup> अधिशासी अभियन्ता (परि० एवं अनु०)

कम्पनी अन्यव

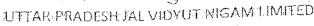


Proposed Capital works during FY 2022-23

Period		Lakh Rupee)
Carrier and Carrier and Carrier and Carrier	Name of Work	Amount
	Replacement of cross piece of 01 No. machine	22.81
Rihand	Purchase of misc. Items for CISF Pipri (Bulletproof Jacket, CC TV etc.)	29.76
Power House	Procurement of 132 KV polymer CT (3 Nos.) & 132 KV PT (3 Nos.) of Rihand HEP	17.74
	Total (I)	70,31
Obra Power	Procurement of 132 KV polymer CT (9 Nos.) & 132 KV PT (13 Nos.) for Obra HEP	58,36
House	Total(ii)	58,36
		40.27
	Capital overhauling of Unit No. 3 of Matalila HEP	
Matatila	Supply, installation, Commissioning and testing of CO2 fire	23.60
Power House	protection system for all 03 machines of Matatila HEP Total (III)	63,87
	Supply of numerical protection system for all machines, feeders & bus bar along with annundation system for Khara HEP	166.76
	Supply of Digital Excitation system on 03 Units at Khara HSP	328.00
Khara Power	Supply of RGMO/ FGMO/ FRAS compatible Ligital Governor On	180.34
House (EGD)	03Units at Khara HEP Refurbishment of intake gate pulley and holating mechanism of all 01 machine of Khara Power House	.55.0C
	Total ((v)	730,10
	Construction of Sarai and Langer Hall near Hanuman Mandir at.	100.00
Khara Power		
House (Civil	<del></del>	100.00
(Works)	Total Capital Work during FY 2022-23 (i) + (ii)+ (iii)+(iv)+(v)	1022.24

Downton (the little

# उत्तर प्रदेश जल विद्युत निगम लिमिटेड



(A. U.P. Govt, Enterprise) CIN-U39101UP1985SGG007135

Corporate Office: 12" Floor, Shakti Bhawan Extn., 14-Ashok Marg, Lucknow. Phone: 0522-2288308

Fax : 0522-2287050

संख्याः

こうことは 大阪衛衛の 総を書きる

/ मु०अ०(परि०अनु०) / जविनिलि० /



कारपोरेट कार्यालयः 12वाँ सहा, शक्ति भवन विग्तार 14—अशोक मार्ग, लखनक। फोन : :0522-2288308 फेर्क्स : 0522-2287050

दिनांक:

.12,2018

# कार्यालय-ज्ञाप

सिंचाई विभाग, छ०प्र० के पत्र सं० 497/यंग्रेलिंग्चैंग्निंग्खंग्सपुर/ई-4(9) दिनांक 17.07.2017 द्वारा प्रस्तुत एवं प्रत्य संव 866 / यंगलिंग्चैंगिंगिंग्यास पुर दिनांक 08.10.2018 द्वारा प्रास्त सहमति के अनुसार जनपद देहरादून में यमुना नदी के बाए किनारे पर खास पावर यैनल के क्रिक्शि० 2.075 से कि0मी0 2,720 तक चार संख्या (04 Nos) स्पर के निर्माण की परियोजना पर मारत संरकार जल संसाधन नदी विकास एवं गुंगा संरक्षण मंत्रालय, गंगा बाढ़ नियन्त्रण आयोग, पहना से स्वीकृति के क्रम में पूँजीगत मद में सिद्धाई विभाग के माध्यम से डिग्राजिट मद्ध के अन्तर्गत वर्ष 2018-19 एवं अग्रिम वर्षों में कुल रू0 2493.78 लाख मात्र (सेन्टेज चार्जेस+कन्टिजेंसी सहित) में कराए जाने हेतु अनुमोदन प्रदान किया जाता है। जीइसाटी, नियमानुसार अविरिक्त देय होगा।

प्रबन्ध निदेशक

संख्या रे // मु०अ०(प्ररिव्यम्व) / जविनिलिव / तदिनाकः 24 .12.2018 प्रतिलिपि निम्नलिखित को भूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित/है-

1. निजी सियाद, अध्यक्ष, उठप्राठ जल विद्युत निगम लिए। लखन्नऊ।

निजी राचिव, प्रबन्ध निदेशक, उ०प्रव जल विद्युत निगम लिंव, लखनऊ।

3. निदेशक (तक्तनीकी /वित्त), उ०प्र० जल विद्युत निगम लि०, लखनक ।

4. प्रमुख अभियन्ता एवं विमागान्यक्ष सिंचाई एवं जल संसाधन विभाग, लखनऊ ।

5. मुख्य अभियन्ता (मू० / एम०पी०एस०), उ०प्र० जल विद्युत निगम लि०, लखनऊ।

6. महाप्रवय्वक (वित्ता एवं लेखा), उ०प्र० जल विद्युत निगम लि०, लखनऊ।

7. अधीक्षण अभियन्ता, सिनाई एवं जल संसाधन विभाग, सिनाई कार्य मण्डल, सहारनपुर।

ह अधीक्षण अभियन्ता (जा०), उ०प्र० जल विद्युत निगम लिए, लखन्छ।

अधीक्षण अभियन्ता (क्रामशियल), उ०प्र० जल विद्युत तिगम लिए, लखनका ।

10. अधीक्षण अभियुन्ता, जल विद्युत उत्पादन पण्डल, उ०५० जल विद्युत जिगम लि०, खारा, बादशाहीबाम. संहारनपुर।

11. अधिशासी अभियन्ता, यमुना लिंग चैनल निर्माण खण्ड, सहारनप्र।

12. अधिशासी अभियन्ता, जानपद निर्माण खण्ड, उ०प्र० जल विद्युत निगम लि०, खारा, बादशाहीबाग, सहारनपुर।

13. अधिशारीं अभियन्ता, जल विद्युत उत्पादन खण्ड, उ०प्र० जल विद्युत निगम लि०, खारा, बादशाहीबाग, सहारनमूर।

14. केस फाइल।

(हरि राज सिंह) मुख्य अभियन्ता (परि० एवं अन्ते)



# High Court of Uttarakhand

# High Court of Uttarakhand Case Details

	Lase De	Rais	
Case Type	:AO J		
	: 10,00018/1997	Filling Date, 07-05-2003	
Registration Number	: 152/1997	Registration Date: 07-05-2003	
CNR Number	: UKHC01-007464-2003		

## Case Status

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First Hearing Date	: 10th August 2004	
Decision Date	: 10th August 2004	
Case Status	: CASE DISPOSED	<del></del>
Nature of Disposal	:DISPOSED	
Coram	: 1037Hon'ble Mr. Justice P. C. Verma	
State	UTTARAKHAND	
District	OTHER	
Judicial	: ALL SECTIONS (CIVIL AND CRIMINAL)	· · · · · · · · · · · · · · · · · · ·

# Petitioner and Advocate

1) STATE

Advocate- S.C.

#### Respondent and Advocate

1) M/S RAJESH KUMAR GUPTA

Advocate - ANIL SHARMA, RAJENDRA DOBHAL

# History of Case Hearing

Cause List Type	Judge	Business On Date	Hearing Date	Purpose of hearing
	Hon'ble Mr. Justice P. C: Verma			Disposed
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#### Orders

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# The degree out of the Land All or Nation as Appeal because that Novi 1997 of 2001

The State of U.P. through the Superintending Engineer, Yamuna Civil Construction Division, Dehradun.

Plaintiff-appellant

#### Versus.

M/s Rajesh Kumar Gupta through M/s Abbal Hasan & Company, Babail Buzurg, Saharanpur.

Defendant-Respondent.

Sri Bhupender Singh, learned Standing Counsel for the appellant. Sri Rajendra Dobhal, Adv., Learned counsel for the respondent.

Coram: Hon'ble P.C.Verma, J. Hon'ble B.S.Verma, J.

Dates August 10, 2004

This appeal has been preferred against the judgment and decree dated 9-8-1995 passed by the Civil Judge (Sr.Division). Dehradun in Original Surf. No. Toxof 1994 State of UP exis. M/s Raicsia Extract whereby the learned Judge rejected the objection under Section 30/33 of the Lateral Adams of the appellant filed against the award dated 6-1-1994 and made the same Rule of the Court.

Brief facts giving rise to the present appeal were that an agreement of contract between the parties was executed in terms of contract no. 3/S.E./82-83 dated 3-2-1983 for construction of drainage crossing at Kim FI-to of power channel inder Khara Hydel Scheme on Khara Nala and the work under the contract was to start from 3-2-1983 to be completed within a period of 18 months, i.e. upto 2-8-1984 by the respondent, but the work was not completed within the stipulated period, hence on the request of the respondent the time was extended and finally the work was completed our 21-7-1982. The cost of the contract was 188 28.08,482/-; that during the

execution of work certain disputes and differences arose between the parties and the dispute was referred to the sole arbitrator, who submitted the award on 6.1 1994 to be made rule of the court, which was registered as Civil Suit No. 76 of 1994 in the court below. Thereafter notice was issued to the State, which filed its objections alleging therein that the award of the arbitrator was erroneous and not tenable; that the arbitrator has misconducted the proceedings as conditions of contract were not considered by him. Ultimately, it was prayed that on account of misconduct apparent on the face of record the award was liable to be set aside. The objection was supported by the affidavit of the Executive Engineer Netra Prakash.

The defendant-respondent filed its written statement by refuting the allegations made in the objections, inter alia on the ground that the award was legal and no misconduct was committed in the arbitration proceedings. In support of the written statement, defendant M/s Rajesh Kumar Gupta filed its affidavit 10-C before the court below.

After hearing both the parties and perused the record, the learned court below came to the conclusion that the arbitrator had not misconducted himself or the proceedings, therefore, no case for interference was made out. The court below accordingly rejected the objections of the appellant filed under Sections 30/33 of the Arbitration Act. Aggrieved, the State has come up in appeal.

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Before scrutinizing the record whether the sole arbitrator misconducted himself or the proceedings, it is necessary to look into the salient feature of the award made by the Arbitrator. The total dispute referred to the arbitrator savard samples of Rs. 27.271 as relating to seven mans made for arbitrator independent award removed by the arbitrator in the infragrant award removed by the arbitrator in Rs. 27.271 and as a first of the dispute between the parties under appeal related to (A) towards payment due as claim on account of clearance of silt, debris,

boulders and doing cleaning co-operation of the work area, in which sum of Rs. 5,46,000/- was claimed and awarded, (b) towards payment due as claim on account of Sales Tax deducted from final bill amounting to Rs. 13,882/- and awarded and (C) payment due as claim on account of pendente lite and other reliefs and cost of arbitration in which amount of Rs. 13,64,299.84 was claimed against award of Rs. 5,71,000/- where the first awarded further interest @ 18k% per annum on this amount we f. 2-4-1990 and further interest @ 6% per annum from the date of award to the date of decree or payment, whichever was earlier. The arbitrator also awarded Rs. 2000/- towards half of the stamp duty paid by the contractor.

So far as misconduct on the part of the arbitrator is concerned, the learned counsel for the appellant could not point out anything material which may be sufficient to hold that the arbitrator had misconducted himself or the proceeding, apparent on the face of record. The learned court below has claborately discussed the case in entirety and we also find that there is nothing to show that the arbitrator had in any way misconducted, himself of the proceeding. Therefore, on the ground misconduct, the appeal does not require any interference by this Court so as to set aside the award.

The learned counsel for the appellant challenged the impugned award only on technical grounds and it was submitted that the amount of sale tax awarded in favour of the respondent by the arbitrator was not justified. Our attention has been drawn to condition no. 1.03.02 of the contract as regards to payment of sale tax, which provides that "the contract price includes all taxes including sales tax, local tax etc. No claim shall be entertained on account of any type of tax paid by the Contractor." Therefore, it was argued that the award of Rs. 13,882/- was liable to be deducted from the award. We find force in the contention of the learned counsel that the contractor could not claim the reimbursement of the amount of sales tax in view of the specific term of the contract

mentioned above. It appears that the court below as well as the arbitrator have misconstrued the aforesaid clause of contract and creed in awarding the sale tax of Rs. 13,882 - therefore, the award in respect of the reimbursement of the sale tax is contrary to the terms of the contract and the same could not have been awarded.

It was further argued on behalf of the appellant that the Arbitrator has not given any reasons for awarding sum of Rs. 5,71,000/+ to the contractor towards increase in prices during the extended period of time. We have considered the submissions in the light of the award made by the Arbitrator. The arbitrator dealt the point in para no. 2.2.9-A of the award. The arbitrator field that "on the basis of evidence on record and submission of parties it is clear that respondents were responsible for the extra cost involved. It is held that the 'No Claim Certificate' was given under duress. The extended period of completion was 4 years. Escalation upto mid dated @ 10% works out to 20%. Accordingly it is held that Respondents are liable to pay a sump sum of Rs. 5,71,000/- to the claimants for increase in prices during the extended period of time." This amount of Rs. 5,71,000/- awarded by the arbitrator is not based on any concrete finding, rather based on discretion. In our opinion, it would be just and proper to reduce the award of Rs. 5,71,000/- to Rs. 4,71,000/- on that score.

Lastly, it was argued that the award of interest @ 18% per annum w.e.f. 2.4.1990 to the date of award, i.e. 6-1-1994, is highly excessive. This contention bears some force. In our opinion, it will be just and proper to award interest @ 15% per annum instead of 18% per annum for the period 2-4-1990 to 6-1-1994.

In view of the discussion aforesaid, we are of the opinion that the award of the Arbitrator does not suffer from any miscondoet. Accordingly, we afficient the improped judgment and order making award in question rules of the court to the extent the amount of Rs. 13.8824 towards faurement of sales tax, and Rs.

Accordingly, the appeal is partly allowed. No order as

to costs.

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(B.S. Verma, J.) (P.C. Verma, J.)

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्र पुत्रावली वास्ते आदेश नियत है।

प्रस्तुत निष्ठादन वाद नध्यरथता अधिनियम १९४० की कार्यवाही से राग्विक्त है जिसमें डिकीचार व निर्णात ऋणी के मध्य किसी निर्माण कार्य के सम्बन्ध में करार हुआ था तथा विवाद उत्पन्त होने पर गागला मध्यरथता को रेफर किया भया। जिसके सम्बन्ध में मध्यरथ द्वीरा एक अवार्ड दिनाक 20,67,1984 को फ़ारित किया गया।

मध्यस्थ द्वारा भारित भारित अवार्ड एवं उराके परिपेक्ष्य में धारित भानति हैं उच्चां न्यायालय उत्तराखण्ड के आदेश विनाकित 25.09.2018 के अवलोकन से उपष्ट है कि प्रस्तुत निष्पादन वाद में डिकीधन दो आईटमों में प्रदान किया जाना है। प्रथन आईटम के रूप में नध्यस्थ द्वारा धनराशि मुठ 18.62.000 / - रूप्ये निश्चित की जा चुकी है और उच्च पर मानतीय उच्च न्यायालय उत्तराखण्ड के आदेश के अनुसार अवार्ड की तिथि अर्थात दिन क 20.07,1984 से गार्डवेक्ष मुग्तान वक 36 प्रति साधारण वार्षिक ब्याज प्रदान किया जाना है।

अवार्ड संप-2 दिनांकित 21.11.1982 के बाद किये गये कार्य के भुगतान के सम्बन्ध में हैं जिसकी गणना 26.56/-रूपये प्रति क्यूबिक मीटर के अनुसार की



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# केवल प्रतिलिपि फीस हेत्

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निर्णीत जाणी द्वारा कथन किया गया कि उनकी ओर से 75,65,945/ - रूपये का भुगतान दिनाक 07,12,2012 की किया जा चुका है।

आईट्स तम्बर-1 में वणित धनराशि बहु.62,000 / ल्लाग्रंथ का 06 प्रितिसत साधारण बाहिक बाहत दिनान 07 02 2012 तक निर्णात जाणी ट्रास 28 वर्ष 03 माह 02 बिने का जो आकृतित किया गया है बहु 31.56 711 / -रुपये हैं। इस प्रकार आइंट्स सु9-1 का कुल भुगतान 18,62 000 । 31.56 711 अर्थात कुल 50.18 711 = रुपये का मुगताब बनता है। जो कि बिप्रांत क्टणी द्वारा जमा। की स्कि इंचरिए। 75.65 995 / -रुपये से कम ही हैं। इस एकार चाही तक आईट्स व्यक्षित व सुसतात का प्रथन है वह निर्णात ऋणी हारा ब्याज सहित पूर्व रूप अद्देश केर दिया गया है तथा अतिरिक्त श्रेष धनराशि अर्थात मुछ 75.56 995 50.18 751 = 25.47, 234 / -रुपये आईट्स मम्बर 1 के भुगताम क्रिकांद अतिरिक्त चुना हैं।

अब केंग्रल आईटग नग्बर-2 से सम्बन्धित भगुतान का प्रश्न शेष रह जाता है। ब्राह्मस्थ के अवर्जिय ब्राह्मनीय स्टेन्स अपान यह जेंद्धिय के के केविस्सिक्तियाँ के 25:09:2018 के अनुसार इस भुगतान का आकलन दिनांक 21:11,1982 के बाद की खुदाई प्रर मु0 २६:56%-रूपये प्रति व्यूबिक भीटर के अनुसार होना है।

अपिंद्रन तम्बर=2 के राम्बन्ध में दिनाक 21.11.1982 से पूर्व हिद्धीक्षार द्वारा कित्रनीर्भश्वदार्थ को गयी थी या किस दर को की गयी थी इस्वन्यर विवार नहीं विद्या: जाना है क्योंकि इस सम्बन्ध में मध्यस्थ महोदय ने अवाईश्वितिश्वन धनराशि। 18.62:000 / - श्रुपेस के रुपे में तय कर दिया है।

धाइट्स मुख्य - 2 के सम्बन्ध में बनराशि के सम्बन्ध में मिष्कर्व निकालने हेतु इस स्थायालय द्वारा आपने आदेश दिशांकित 11/12/2018 द्वारा डिक्कीदार पे निर्णात ऋग्रीको किन्ते दो अवस्थाय मागी गयी थी –

1— दिनाक 21.11.1982 से किस तिथि तक डिकीदार प्रास्त्र खुदाई का

2 विकास 21.11:1982 से डिकीदार द्वारा कार्य खत्म करने तक कुल कितने क्यूंबिक मीट्र खुदाई की मुद्दी ?

उम्बर आहेश के अनुषालन में डिक्केंदार व निर्मीत काणी द्वारा सूचनारे प्रदान की गंधी जो कि कार्या स0-106सी2 व 109की प्रजावनी में सन्तरन है। डिक्कीवार द्वारा जो आकलन कामज संस्था-109बी प्रस्तुत किया गया है उसमें



ताल शन्ति के शिविश्वन उन्हरन से किये नहें सम्मूर्ण कार्य / खुदाई के अभार पर बकाया सन्दर्शि पर व्यास दिशित किया गया है सबकि माननीय जिल्ले स्थायालय अस्तराखण्ड हारा अपने आदेश दिशिका 25.09.2019 (कार्या संख्या = 160वी) लायां स्था अनुक्रम में इस त्यायालय हारा पारित आदेश दिवानिक सिंहा है है किया परित आदेश दिवानिक सिंहा के स्थाय कार्य के सम्बन्ध में अब कोई निष्कर्ष नहीं निकाला जानी है अर्द किया गया कार्य के सम्बन्ध में अब कोई निष्कर्ष नहीं निकाला जानी है अर्द किया गया कार्य के सम्बन्ध में अब कोई निष्कर्ष नहीं निकाला जानी है अर्द किया गया कार्य के सम्बन्ध में अब कोई निष्कर्ष नहीं निकाला जानी है अर्द किया गया कार्य के सम्बन्ध में अब कोई निष्कर्ष नहीं निकाला जानी है अर्द किया गया कार्य के सम्बन्ध में स्था कार्य के सम्बन्ध में स्था कार्य के सम्बन्ध में स्था कार्य के सम्बन्ध में स्था कार्य के सम्बन्ध में स्था कार्य के सम्बन्ध में स्था कार्य के सम्बन्ध में स्था कार्य के सम्बन्ध में स्था कार्य के सम्बन्ध में स्था कार्य के सम्बन्ध में स्था कार्य के सम्बन्ध में स्था कार्य के सम्बन्ध में स्था कार्य के सम्बन्ध में स्था कार्य के सम्बन्ध में स्था कार्य के सम्बन्ध में स्था कार्य के सम्बन्ध में स्था कार्य के सम्बन्ध में स्था कार्य के सम्बन्ध में स्था कार्य के सम्बन्ध में स्था के सम्बन्ध में स्था कार्य के सम्बन्ध में स्था कार्य के सम्बन्ध में स्था के स्था कार्य के सम्बन्ध में स्था कार्य के सम्बन्ध में स्था के स्था के सम्बन्ध में स्था कार्य के स्था कार्य के स्था कार्य के स्था कार्य के सम्बन्ध में स्था के सम्बन्ध में स्था कार्य के स्था के स्था कार्य के स्था कार्य के स्था कार्य के स्था कार्य के स्था कार्य के स्था कार्य के स्था कार्य के स्था कार्य के स्था कार्य के स्था कार्य के स्था कार्य के स्था कार्य के स्था कार्य के स्था कार्य के स्था कार्य के स्था कार्य के स्था कार्य के स्था कार्य के स्था कार्य के स्था कार्य के स्था कार्य के स्था कार्य के स्था कार्य के स्था कार्य के स्था कार्य के स्था कार्य के स्था कार्य के स्था कार्य के स्था कार्य के स्था कार्य के स्था कार्य के स्था कार्य के स्था कार्य के स्था कार्य के स्था कार्य के स्था के स्था कार्य के स्था कार्य के स्था कार्य के स्था कार्य के स्था कार्य के स्था कार्य के स्था कार्य के स्था कार्य क

निर्भितं ऋणी द्वारा जो विवरण का०स०-१०६सी२ प्रस्तुत किया अया **उसके अनुसार** दिनाक 21:11 1982 के बाद जल खंदाई 2 95 494 72 वयुंबिक सिट्ट की श्रायी किसा कि इस न्यायालय हारा आदेश दिनाकित १४ १२ २०१८ से प**क्षकी** से सुचना मार्गी भयी थी तथा डिकीदार द्वारा भी अपने आकृतन का०स०-109सी रवीकार किया गया है कि दिनाक 21.11.1982 के बाद जुल खुदाई 2.95.49देश वयूबिक भीटर की भयी है। उक्त खुदाई का भुगतान 26.56 रूपये प्रति वयूबिक मीटर के अनुसार होना था। इस प्रकार दिनाक 21.11.1982 के बाद डिकीवर की कुल 29549472 X 26.56 = 78.48,339.76 / — रूपये का भगुतान बनता है नथा निर्णात ऋसी द्वारा दाखिल विवरण के अनुसार दिनाक 21.11.1982 के बार डिकीदार की भु0 63701/106 /- रूपये का भुगतान किया गया है। जी कि डिकीदार को भी खीकार है। इसके अतिरिक्त न्यायालय द्वारा आदेश दिलाकित ११ तुर 2018 **मे** स्क्रीरंगयी विवेचना व आकलन ये यह निष्कर्भ निकाला गया था कि आईट्रम नेन्द्ररे के बाद निर्णात ऋणी द्वारा अतिरिक्त जगा धतराशि द्वारा 2547 2347 क्लप्रये है। इस प्रकार आईटम नम्बर-५ को छीडकर आईट्स नांबर 2 अधित दिवाक 11/12/2018 के बाद की खुदाई के सम्पन्ध में निश्चीत ज्ञांभी द्वारा कुल 53:01:106+ 25:47.234 (पूर्व बकारा) =78:46:340/- रूपये का भूगतान किया हो। बुका है जो कि दिनाक 21.11.1982 के बाद की खुदाई भुगतात के धुमरीशि द्वारा पु0 78:46 339 76 🗸 रूपये ने समर्पीयित होता है। इस प्रकार स्वरूप है कि दिनाक 21.11 1982 के बाद निर्मात ऋणी को की गई खुदाई 2,95,494.72 संयुधिक मीटर के सम्बन्ध में डिकीदार को मुं० 78.48,339.76 🗸 रूपर कर भुगतान किसा आना था तथा उपरोव्द विवेदना के आधार पर निर्मित हारा डिकीदार को कुल 78,48,340 / - अपरे पा भुगतान किया जा सुका अर्थात पूर्ण धनुराशि अदा कर दी गई है।



इस प्रकार निर्णात वरणी हारा हिकीदार को आईटम नायर-1 ए ४ टोनों के संम्बाध में सम्पूर्ण धनराशि अहा कर दी गयी है। अतः निर्णात ऋणी पर कोई भी बकाया धनराशि शेष नहीं है। नवनुसार प्रस्तुत निस्मादन वाद पूर्ण गुण दोष व पूर्ण सन्तुष्टि के आधार पर निस्तारित किया जाता है।

पत्राहली बाद जीवश्यक कार्यवाही दाखिल दफतर हो।

(सीक्रिक्ट्रेंगर्शकोंदी) तृतीय अपर भिनिल अंग्रा(सी०डि०) न्देहरादन्।

सत्याप्रतिस्थिप

मुख्यं प्रतिलिपिकार नेतिलिपि विभाग (पिपिला)

# High Court of Uttarakhand

# High Court of Uttarakhand

	Case Type	Case Details
		: AO
ı	Filing Number	: 1000445/2006
1	Registration Number	
1	rregistration Milliper	
Į	CNR Number	UKHC01-010689-2006
		. Citito 1-0 10003-2008

## Case Status

First Hearing Date	: 23rd October 2017	
Decision Date	23rd October 2017	
Case Status	CASE DISPOSED	
Nature of Disposal	:-DISPOSED	
Coram	: 1037Hon'ble Mr. Justice Rajiv Sharma	
State	:UTTARAKHAND	
District	*Dehradun	
Judicial		
	: ALE SECTIONS (CIVIL AND CRIMINAL)	

Petitioner and Advocate

1) STATE and OTHERS

Advocate- S.C.UP

# Respondent and Advocate

1) M/S MEHTA CONSTRUCTION COMPANY

Advocate - S.K.JAIN G.K.VERMA S.S. BHANDARI

## IA Details

LA Number		<del></del>		
	Party	Date of Filing	Next Date	A Status
CLMA/362/2007 (0000362/2007, ).	STATE and OTHERS M/S MEHTA CONSTRUCTION COMPANY		19-03-2007	
CLMA/367/2007 (0000367/20 <b>07</b> :)	STATE and OTHERS M/S MEHTA CONSTRUCTION COMPANY		19-03-2007	<u> </u>
CLMA/1681/2007 (0001681/2007)	STATE and OTHERS M/S MEHTA CONSTRUCTION COMPANY			Disposed
MCC/8/9/2016 (0000879/2016)  Classification: MONEY  MITHORAWAL APPLICATION	STATE and OTHERS M/S MEHTA CONSTRUCTION COMPANY		23-10-2017	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
CLMA/13190/2017 (0013190/2017.) Classification : APPLICATION FOR	STATE and OTHERS M/S MEHTA CONSTRUCTION COMPANY		23-10-2017	
	History of Case Hearing	<u> </u>		

#### History of Case Hearing

Cause List Type	Jüdge	Business On Date	Hearing Date	Purpose of hearing
-	Flon'ble Mr. Justice Rajiv Sharma			Disposed
			17-12-2016	ORDERS ON APPLICATIONS -22
			17-12-2016	DELIVERY OF JUDGMENT2
	5000		13-01-2017	ORDERS ON APPLICATIONS -22
		·	06-03-2017	ORDERS ON APPLICATIONS -22
			13-09-2017	ORDERS ON APPLICATIONS -22
			23-10-2017	ORDERS ON APPLICATIONS -22
			23-10-2017	ORDERS ON APPLICATIONS -22
		, ,		ORDERS ON APPLICATIONS -22
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				ORDERS ON APPLICATIONS -22
				FOR FINAL HEARING (AFTER FRESH) -45
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Orders

Hon'ble Mr. Justice V. K. Bist

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Order Number	Judge	. was superior		Order Date	Order Details
1				23-10-2017	

Category Details

Revoked

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# IN THE HIGH COURT OF UTTARAKHAND AT NAINITAL

# Money Withdrawal Application No. 879 of 2016 ln Appeal from Order No. 514 of 2006

State of U.P. and others

.....Appellants

Versus

M/S Mehta Construction Company

..... Respondent.

Present
Mrs. Bina Pandey, Standing Counsel for the State of U.P. / appellants.

#### ORDER

Coram: Hon'ble Rajiv Sharma, J. Hon'ble Sharad Kumar Sharma, J.

Dated:23rd October, 2017

# Per Hon'ble Sharad Kumar Sharma, J.

This appeal was preferred under Section 37 of the Arbitration and Conciliation Act, 1996 by the State, wherein, the State has questioned the judgment dated 5th March, 2005, passed by the learned District Judge, Dehradun, in Arbitration Case No. 5 of 2002, State of Uttaranchal Vs. M/s Mehta Construction Company, in which the challenge was given to the order passed by the Chief Engineer on 2nd September, 2001, by which the objection under Section 34 of Arbitration and Conciliation Act, 1996 as was preferred by the appellant State was rejected. Consequent to the rejection of the objection under Section 34, the award which was passed by the Arbitrator, was confirmed.



Initially, when the challenge was given to the award, the Coordinale Bench of this Court while admitting the appeal vide its order dated 17th August, 2006 had directed that the State would deposit the entire decreetal amount of the award within a period of eight weeks before this Court subject to this deposit, the execution of the award dated 2nd September, 2001, passed by the Arbitrator was kept in abeyance.

In compliance of the interim order, the appellant / State, vide tender dated 10.10.2006 had deposited a sum of Rs.52,00,280/. The said deposit remains deposited before the Registry. While the appeal was pending, the respondent contractor filed an application for withdrawal of the amount deposited by the State in compliance of the order passed by this Court on 7th August, 2006.

This Court, vide its order dated 3rd May, 2007, directed partial withdrawal of 10% of the decreetal amount as deposited before this Court on furnishing the personal security.

It has been argued today by the learned counsel for the State that in pursuance to the order dated 3rd May, 2007, no withdrawal was made by the respondent.

Ultimately, the appeal came up for final adjudication and the same has been allowed by the Division Bench of this Court vide its judgment dated 2nd August, 2007 and, consequently, the award dated 2nd September, 2001 as well as the order rejecting the objection of the State dated 5th March, 2005, passed by the District Judge was also set aside.

The State, being aggrieved against the said order, had preferred an SLP before the Hon'ble Apex Court. The Hon'ble Apex Court too vide its judgment dated 5th January,

2016, had dismissed the SLP No. 16890 of 2007, Mehta Construction Company Vs. State of U.P. and others. The consequential effect of the judgment dated 2<sup>nd</sup> August, 2007, passed by this Court and the judgment dated 5<sup>th</sup> January, 2016, passed by the Hon ble Apex Court would be that the deposit made by the appellants in compliance of the interim order ought to be refunded back to the appellants.

In this regard, the appellant had filed an application on 15th December, 2016, which was numbered as Money Withdrawal Application No. 879 of 2016, wherein, they have prayed for a suitable direction to the Registry to release the amount of Rs.52,00,280/-deposited in compliance of the interim order dated 17th August, 2006.

In view of the fact that the award stands quashed by this Court and the same has been affirmed by the Hon'ble Apex Court, the interim order in pursuance to which the deposit has been made merges with the final order and thus, the purpose of deposit made in pursuance to the interimorder stands frustrated.

In that view of the matter, this Court feels that the State is entitled for the refund of the amount deposited in pursuance to the interim order passed by this Court.

In that view of the matter, the Registry is directed to refund the amount deposited by the appellants in the instant appeal in pursuance to the interim order dated 17th August, 2006, which the appellants has deposited by tender dated 10.10.2006.

Needful action for refund of the amount to the appellants may be done within four weeks from the date of passing of the present order.

Accordingly, the Money Withdrawal Application (MCC No. 879 of 2016, is disposed of.

(Sharad Kumar Sharma, J.) 23:10:2017

(Rajiv Sharma, J.) 23.10.2017

# Case Status FIRST APPEAL FROM ORDER (FAFO) - [883/1995]

FAFO/883/1895

CNR	UPRC010225051995	Date of Registration : 18-09-1995	
		Case Status	
First Regnery Water		09th January 2018	
Date of Decision		17th December 2018	
Case Status		Crist Disposed.	
Natine of Disposal Dismiss other than metri(DD/Mor Proseut/Abated)			
Stage of Case		For Order	
Coram ( Horrible Mr./Ms/fbr.	Justice )	SALR, KUMAR RAL ( 5125 )	
Bench Type		Division Bench	
Jodanal Branch		Civit Appeal	
Causeast Type			
State		UTTARPRADESH	
Cistori		Selection 10	

## Petitioner/Respondent and their Advocate(s)

Petitioner	Respondent
STATE OF U.P. THROUGH SUPERINTENDING ENGINEER	M/S AUTAR SINGH CHADHA AND COMPANY
Advocate - S.C.	Advocate: RAJESH TANDON, NITIN SHARMA , NITIN SHARMA , NITIN SHARMA

# Category Details

Category	 FIRST APPEAL FROM ORDER ( 30210)	0)	 	 
Sub Category	U/s M:SCELLANEOUS (90)	45.45		

#### IA Details

Application(s) Number	arty .	Date of		IA.
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	TATE OF U.P.THROUGH SUPERINTENDING ENGINEER Vs	M/S AUTAR SINGH 28-09-	200 A 7 BARA	Britage 1
Bench : 4784	HADHA AND COMPANY	2018	03-10-2018	Pending

# Last Listing Detail

Cause List Type	The second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second secon	Last Listing Date	Stage of Listing	Last Short Order
Daily Cause List	SALIL KUMAR RAI (Bench; 5125)	17-12-2018	For Order	DATE FIXED.

Disclatmer: This is not an authemicroerlified copy of the information regarding status of a case. Authentic/certified information may be obtained under Chapter Vtill Rule 30 of Allahabad High Court Rules. Mistake, if any, may be brought to the notice of OSD(Juddicial)(Computer).

Just

Court No. - 25

Case:- FIRST APPEAL FROM ORDER No. - 883 of 1995

**Appellant :-** State Of U.P.Through Superintending Engineer

Respondent: - M/S Autar Singh Chadha And Company

Counsel for Appellant :- S.C.,P.K.Bisaria,S.C. Mamgain

Counsel for Respondent :- Rajesh Tandon

# Hon'ble Salil Kumar Rai, J.

Today the standing counsel has filed an affidavit sworn by the Assistant Engineer Jamuna Link Channel, Nirmankhand, Saharanpur stating that the decree of the Court has already been satisfied.

The standing counsel states that in view of the aforesaid, he does not press the appeal as it has become infructuous.

Sri Nitin Sharma representing the respondents has no objection, if the appeal is consigned to record.

In view of the above, the appeal is dismissed as infructuous and is consigned to record.

Order Date :- 17.12.2018 Ashok Gupta

## Court No. - 18

Case: FIRST APPEAL FROM ORDER No. - 883 of 1995

Appellant: - State Of U.P.Through Superintending Engineer
Respondent: - M/S Autar Singh Chadha And Company Counsel for Appellant: - S.C.,P.K.Bisaria,S.C. Mamgain Counsel for Respondent: - Rajesh Tandon

# Hon'ble Dr. Kaushal Jayendra Thaker, J.

It is submitted by Sri Nitin Sharma- Advocate for the respondent that the State in principle has already accepted the arbitral award but as there is a technical issue namely that the matter should be decided by the Uttarakhand High Court and not this High Court as the order is of Civil Judge, Dehradun which now is in the State of Uttarakhand.

Sri S.K.Mehrotra shall seek instructions and as to the statement of Sri Nitin Sharma- Advocate that the award is already accepted and it is only for the academic purpose that the matter is pending, the matter may be put an end to here itself.

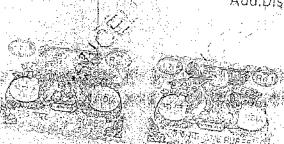
List on 17.12.2018.

It shall not be treated as part heard to this Bench.

Order Date :- 22.11.2018 Mukesh

A.K. Dimi

Advocat Add.District Govt.Counsel (Civil) Dehraduj



# केवल प्रतिलिपि फीस हेतु

प्रार्थना पत्र देने का दिनाकः	नोटिस का दिनाक	जारी करने का दिनाक	हैं0 मुख्य प्रीति
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स्राल्यम् नकत् – अस्ट्रेशः ॥/।०/।५

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न्यायालय अपर जिला जिल पंचम देहेराद्ता। े निष्पादन बाद संख्या - 2/2004 मैंसर्स सिकद करेटच्यान कृष्णनि बनाम उत्तराखण्ड राज्य

## <u> दिनाकः 14.10.2017</u>

पत्रावली पेश हुई। भुकार करोई गयी। पुकार पर डिकीदार की ओर से कोई उपरिथत नहीं एवं ना हो कोई तिथि रथमन प्रार्थनापत्र प्रस्तुत किया गया। विपक्षी एतार प्रदेश राज्य की ओर से विद्वान प्रसरी जिला हासकीय अधिववता श्री अशोक डिमरी एवं यंगुना लिक चैनल निर्माण खंग्ड सहारतपुर की ओर से सीनियर असिसटेट बंबीन कुनार व उत्तर प्रदेश जेले विदुत निगम को ओर से अधिशासी अभिवेता श्री गाई डी शर्मा उपरिधत १ 2 पंत्रीवली पुन लंब बाद पेश हो।

> विनोद कुमार अपर जिला जेज प्रचम देहरादूने।

लचनाद 3.00पी एम.

व पत्रावली पुनः लन्न बादः प्रेश हुई। पुकार कराई गुडी। पुकार कर डिकीदार की और से कोई उम्मियत नहीं एयं ना ही कोई तिथि स्थान प्रार्थनापत्र प्रस्तुत किया गया। विपक्षी जतार प्रदेश राज्य की ओर से विद्वान प्रभारी जिला शासकीय अधियकता श्री अंशीक हिमरी एवं यमुनी तिक चैनल निर्माण खण्ड सहारमधुर की ओर से सीनियर असिसटेट प्रवीन कुमार व उत्तर प्रदेश जल विधुर निगम की और से अधिशासी अभियन्ता श्री ताई.डी. शर्मा उपस्थित।

पत्रावली का अवलोकन किया गया।

अवलाकृत सं विदित्त हो ा है कि न्यायालय द्वारा दिनाक 31.07 2017 के आदेश द्वारा निर्देशित किया प्रमा था कि निर्रातऋणी व डिकीदार अवशेष धनशशि की गणना करके न्यायालय को अग्रिम लिख कर या उससे पूर्व अवगत कराये। पूर्व शियत तिथि दिनाक 12.9.2017 व 27.9. 2017 तक भी डिकीदार की ओर से अवशेष धनराम की गणना करके चौंयोत्य को अवगत नहीं कराया भया है। आज भी डिकीदार की और से प्रवाहली में पैरवी करते हेंतु कोई उपरिधत नहीं है। एवं ना ही कोई बकाया धनराशि [यदि, कोई हो ] की गणना करके डिकीदार की ओर है न्यायालय में दाखिल की गयी है।

् छ०प्रं०ः सरकार की ओर से जिला शासकीय अधिवक्रता श्री अशोक हिमरी द्वारा कथन किंग गेंगी कि प्रस्तुत निधादन याद में निर्णितित्राणी की ओर से समस्त डिकीत घनराशि चायातियं में जमा की जो चुकी हैं तथा उस पर समस्य व्याज जमा किया जा चुका है। निर्णीतऋणी पर वर्तमान में कोई बकाया नहीं एते हैं। प्रस्तुत निष्पादन वार्द को निरस्त किये जाने की याचेनी की एयी।

मूर्कि डिकीटार की ओर से न्यामातम द्वारा निर्देशित किये जाने के उपरांत भी बकाया धनराशि गाँद कोई हो तो उसके गणना करके चौंयालय को अवगत नडी करोया गया है जिससे ऐसी प्रतीत होता है कि निर्णितंत्रहणी द्वारो संगरत डिकीत धाररेशि जमा की जो चुकी है। तथा इस कर्रण ही डिकीदार की ओर से कोई गणना दाखिल नहीं की गया है। निष्पादन याद अत्यन्त पुराना होते हुए वर्ष 2004 रो लॉग्वेत है।

उपरोक्त समस्त परिस्थितियों में निष्पादन की कार्यवाही पूर्ण धन्तुष्टिःकं आधार पर निस्तारित की जाती है। पत्रायली बाद आवश्यक कार्यक्रिही दाखित दफतर हो।

> ..11.10 17-विनोद कुमार भूपर जिला जज पचन

<u>= दे</u>हरादून ।

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याद में पूर्व हंगशंशि काम हो जार के यापण कर अधाया बुत्त है।	आठ सर्वास्त न्यायात्त्रय को आदेश दिनीय 20,00,2018 ये अनुपानने में मार्थितक धडाकारों को मूल २०, 32,00,00,00 (ट्रेम्स सरित) दिनीय ७३,10,2018 रूप ०, 11,2018 यो गुपरन्त (ट्रेम्स सरित)	माठ न्यायात्वय क्रांप 25 61 2019 प्रमां यो द या संपूर्ण प्रनारात सम्पन्न हो स्त्रोन के मत्त्रक्षत्वल नियादन स्पर्द पूर्ण गुण दोन य पूर्ण सम्बन्धित के अधित पर निरम्भीत अस्त्रिय स्पर्धित गया।	बती का जगर गांत बच्चा सामान भाग गंगा है. छारण गांत सामान्य भागा शांभ किया छूप घरना गय जी	तत् सर्वोच्याः स्मामतत्त्व तृत्यं स्वदान्ताः । शानाः प्राप्तां प्रमान्त्रः प्राप्तां प्रमान्त्रः । भागाः । भागाः । भागाः । भागाः । भागाः । भागाः । भागाः । भागाः । भागाः । भागाः । भागाः । भागाः । भागाः । भागाः । भागाः । भागाः । भागाः । भागाः । भागाः । भागाः । भागाः । भागाः । भागाः । भागाः । भागाः । भागाः । भागाः । भागाः । भागाः । भागाः । भागाः । भागाः । भागाः । भागाः । । ।	याद में संस्पूर्ण धुनसाशि जान. हे. जाने के सारफ बाद समध्य हो गया है।	मित हाइजाट असाहायाद द्वाप दिनोक ११.५५ २०१६ को उन्दर भूदे में के अंतर्द को पूर्व मनरीत जग क्षेत्र के अपन के फ्यावडीन को जाने के कारण वाद समान्त कर दिया गणा।	
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(प्रेनीहा, जा.03/31/10 ( उद्गेशका जुड़ा (जुड़ा (जुड़ा (जुड़ा)) दिनीस १६, (व.१९)१५ (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जुड़ा (जु	(unr.vio.ss <sub>2.501.</sub> 02, 33, 34, 35 (2-17) os.10.10 ind - 05.10.10 ind \$45 \text{46. sersours of 12-1167 (02.11.18)}	75.65.935.00 አጥሮ ነኘስ 23.49.08 (ሺግ(ጀፋርን 02.2012	\$172 70 05100 Erifer 05, 10,2000	FQ 60.554.52.00 (R=ff;	「	ಗೆನ್ನು ಬ್ಯಾಂ ಕ್ರಕ್ತಿ74,708,29, ಜಿರಿಜಿರಿ ಕರ್ನ ಜನಗತ್ತು 12,44,603,29 ಜಿರಿಜಿರಿ ಕರ್ನ ಜನಗತ್ತು 12,44,603,29 ಕರ್ 9,20,20,00 ೨,20,20,00 ಜಿರಿಜಿರಿ ಕರ್ನತ್ತಿಗೆ 12,007,09 ಕರ್ ಜಿರಿಜಿರಿ ಕರ್ನತ್ತಿಗೆ 12,007,09 ಕರ್	4,50,705.00
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(Shiv Narayan) OA(31/20)
Executive Engineer

OA(01/2020

L.No. SAA CCD MC Copy inc. Superintending Engineer, Hydel Generation Circle, Khara-Badshichibagh Distr. Saharanpur.

(Shiv Narayah) Od st