

Summary of ARR & Tariff Filings

Submitted by

OHPC

For

FY 2025-26

SUMMARY OF ARR PROPOSAL OF OHPC FOR FY 2025-26

1. PROCEDURAL HISTORY

The Odisha Hydro Power Corporation Ltd. (OHPC) is a generating company established in 1995 under the Companies Act, 1956, to manage hydroelectric power generation in Odisha. Following the unbundling of the Odisha State Electricity Board (OSEB) in 1996, OHPC took over the assets, liabilities, and personnel of hydroelectric projects from OSEB and the Government of Odisha. The power generated by OHPC, except for a 5 MW share allocated to Chhattisgarh State from the Hirakud Hydro Electric Project (HHEP), is dedicated entirely to Odisha.

Under the Electricity Act, 2003, and the Odisha Transfer Scheme, 2005, GRIDCO manages the bulk purchase and distribution of power generated by OHPC. The 5 MW share to Chhattisgarh is supplied as per agreements and directives following legal proceedings and orders by the Ministry of Power, Government of India.

2. Installed Capacity

The installed capacity of HHEP, Burla increased from 275.5MW to 287.8MW and The installed capacity of various Hydro Stations owned by Odisha Hydro Power Corporation (OHPC) is increased from 2063.5MW to 2099.8 (2039.8+ 60) MW including 50% Odisha share of Machhkund. The Installed Capacity of MHEP is 120MW (i.e. 17MW x 3 = 51MW and 23MW x 3 = 69MW) of MHEP(Jt.) scheme. So the 50% Odisha Share from MHEP being 60 MW, has been considered for computation of total IC of OHPC.

3. Design Energy of OHPC Stations

The Design Energy (DE) of a Hydro Power Station is an important parameter for determination of Tariff. The approved Design Energy of OHPC Power Stations for the FY 2024_25 is given in the table below:

**Table -1:
Design energy approved for FY 2024-25**

(In MU)			
Sl. No.	Name of the Power Station	Design Energy (DE)	Design Energy for sale
1	RHEP	525.00	519.75
2	UKHEP	832.00	823.68
3	BHEP	1183.00	1171.17
4	HHEP	684.00	660.52
5	CHEP	490.00	485.10
6	UIHEP	1962.00	1942.38
Sub Total		5676.00	5602.60
7	Odisha share of MHEP (Jt.) Scheme	262.50	259.875
Total		5938.50	5862.475

Auxiliary energy consumption (AUX) of Hydro generating station with static excitation system is 1% for installed capacity above 200MW & 1.2% for installed capacity up to 200MW are considered as per Regulation 50 (e) of OERC (Terms & Conditions for Determination of Generation Tariff) Regulations 2024.

During years of Hydrology failure OHPC sustains substantial loss in Revenue due to shortfall in the recovery of Energy Charges. In response to the OHPC's claim towards Hydrology Failure Hon'ble Commission had observed in the Tariff Order of OHPC for FY 2014-15 as follows:

“The compensation claimed towards hydrology failure is not to be allowed in view of the Commission's earlier orders dt.10.06.2005 & dt.23.03.2006 wherein OHPC was directed to maintain a separate fund to deposit the revenue earnings out of sale of secondary energy which shall be utilized to replenish the shortfall in revenue due to lesser generation by OHPC in years of hydrology failure to provide necessary comfort to the consumers of the state. {Para 6.5(e) of Order dt.10.06.2005}.”

In view of the above, the energy sold by different power stations of OHPC for the last five years are given below:

Table-2

(in MU)

Sl. No.	Name of the Power Station	Design Energy (DE)	Saleable Design Energy (DE)	Actual Sale of 2020-21 (In MU)	Actual Sale of 2020-21 (In MU)	Actual Sale of 2021-22 (In MU)	Actual Sale of 2022-23 (In MU)	Actual sale of 2023-24 (In MU)
1	RHEP	525.00	519.75	647.71	980.77	837.92	732.53	754.79
2	UKHEP	832.00	823.68	813.04	771.26	440.01	531.94	565.33
3	BHEP	1183.00	1171.17	1482.02	1594.30	1001.96	980.72	1012.07
4	HHEP	684.00	677.16	518.80	613.82	700.72	886.34	850.22
5	CHEP	490.00	484.12	228.67	322.37	263.24	319.53	294.70
6	UIHEP	1962.00	1942.38	2188.21	1713.10	1124.80	1351.49	1687.00
Total		5676.00	5618.26	5878.45	5995.62	4368.65	4802.55	5164.11
7	MHEP	262.50	259.35	306.55	298.97	315.24	254.23	386.13
Total		5938.5	5877.61	6185.00	6294.59	4683.89	5056.78	5550.24

Status of Secondary Fund as on 31.03.2024:

OHPC submitted that the status of Secondary Fund as on 31.03.2024 as (-) 152.70.OHPC have received total amount Rs22.199Cr from HHEP, Burla up to March 2024 & Rs0.559Cr from CHEP, Chiplima upto October 2024 towards energy compensation. Though OHPC was adjusting this amount in the secondary energy fund, but CAG of India has observed to keep this compensation in a separate account, as the matter is under sub-judice in the Court of Law.

OHPC submitted that in the above matter final Order of Hon'ble High Court of Odisha & decision of Govt. of Odisha is awaited in order to address the above and provide necessary financial effect in the ARR of OHPC.

Revision of Design Energy of HHEP and CHEP:

OHPC is constantly losing energy charges for 78MU (i.e., 31.0MU for restriction up to 595ft RL & another 47MU for restriction from 595ft to around 600ft RL) every year on account of restriction in generation from Hirakud reservoir below 600ft. R.L by DoWR, Govt. of Odisha

Pending decision from DoE/ DoWR, OHPC has not considered reduction in Design Energy of HHEP, Burla & CHEP, Chiplima due to restriction in Generation at HHEP, Burla below RL 595ft in Hirakud Reservoir.

Table -3

MDDL (In ft)	MINIMUM R.L ATTENDED IN THE WATER YEAR((IN FT)				
	2019-20	2020-21	2021-22	2022-23	2023-24
590	598.39	599.65	599.73	599.65	600.02

Considering the above facts, OHPC proposes the following Design Energy for its Power stations for computation of tariff for the FY 2025-26.

**Table-4
Proposed Design Energy for FY 2025-26**

Sl. No.	Name of the Power Station	Design Energy approved for FY2024-25	Saleable Design Energy for GRIDCO approved for FY 2024-25	(in MU)	
				Design Energy proposed for FY 2025-26	Saleable Design Energy proposed for GRIDCO for FY 2025-26
1	RHEP	525.00	519.75	525.00	519.75
2	UKHEP	832.00	823.68	832.00	823.68
3	BHEP	1183.00	1171.17	1183.00	1171.17
4	HHEP	684.00	660.52	684.00	660.52
5	CHEP	490.00	485.10	490.00	484.12
6	UIHEP	1962.00	1942.38	1962.00	1942.38
Sub Total		5676.00	5602.60	5676.00	5601.62
7	MHEP Odisha Share	262.50	259.875	262.50	259.35
Total		5938.50	5862.475	5938.50	5860.97

OHPC pray before the Hon'ble Commission to approve the proposed Saleable Design Energy of different power stations of OHPC for FY 2025-26 as furnished in the Table above. Further the deficit of secondary energy fund amounting to (-) Rs 152.707 Cr may kindly be recognized.

4. Reservoir Level and Anticipated Generation for FY 2025-26

The Reservoir Level of OHPC Power Stations as on 15.11.23 vis-à-vis on 15.11.24 is given below:

**Table – 4:
Reservoir level of power stations**

Sl. No.	Reservoirs	As on 15.11.2023	As on 15.11.2024
1.	Rengali	122.72mtr.	120.75mtr.
2.	Kolab	855.71mtr.	855.38mtr.
3.	Balimela	1487.90ft.	1505.80ft.
4.	Hirakud	627.93ft.	626.04ft.
5.	Indravati	636.02 mtr.	634.33mtr.

The actual generation of different Power Stations under OHPC from 01.04.2024 up to 15.11.2024 and anticipated generation up to 31.03.2025 for the FY 2024-25 prepared on the basis of the availability of water, irrigation requirement and peak load requirement of power in co-ordination with DoE, DoWR, GRIDCO and SLDC is furnished below.

Table – 5:

Actual /Anticipated Energy Generation

(In MU)

Sl. No.	Name of the power stations	Actual generation from 01.04.24 up to 15.11.24 (In MU)	Anticipated generation from 16.11.24 to 31.03.25 based on DoWR & DoE Schedule (in MU)	Total Anticipated generation for the FY 2024-25 based on DoWR & DoE Schedule (in MU)
1.	RHEP	721.1576	215.00	936.1576
2.	UKHEP	522.7320	399.00	921.7320
3.	BHEP	1220.3210	631.00	1851.3210
4.	HHEP	706.4060	109.00	815.406
5.	CHEP	178.4610	72.00	250.4610
6.	UIHEP	1044.3025	713.00	1757.3025
Total		4393.3801	2139.00	6532.3801

So, there shall be shortfall of **856.3801MU** from the approved designed energy of **5676MU**.The extra/ shortfall in generation from the design energy of the respective Power Stations shall be accounted towards the secondary energy fund as per Order of the Hon'ble Commission which presently stands as (-) **Rs 152.707Crs.**

5. Project Cost

The revalued cost of old power stations under OHPC is Rs.1196.80 Crs as on 01.04.1996 as per the notification vide S.R.O No. 254/96 dtd. 01.04.1996 of Department of Energy, Government of Orissa. The Commission in its Order dated 23.03.2006 at clause no. 5.4 (C) had approved the same.

Further, Hon'ble Commission, in the order dated 20.03.2008 has approved Rs. 1195.42 Crs. as final capital cost of UIHEP for the purpose of determination of tariff. However, the Tariff of Old power stations was determined on the historical cost of old power station of OHPC for Rs. 479.80 Crores as per the Notification No. 1068 Dtd. 29.01.2003 of DoE, GoO.:

OHPC submitted that the petition for Truing Up of the Gross Fixed Asset from FY2020-21 to FY2023-24 has been submitted to the Hon'ble Commission on dtd 17.09.2024 and the case is pending before Hon'ble Commission for approval. In anticipation of approval of the proposed Gross Fixed Asset as on 31.03.2024, OHPC has considered the same as Project Cost/ GFA for FY2025-26 in line with the provisions under OERC (Terms and Conditions for Determination of Generation Tariff) Regulations, 2020.

Accordingly , OHPC has considered the total additional capital expenditure of Rs 2544.853Crs as per the proposed truing up as on 31.03.2024 for calculation of Tariff for FY2025-26.

Table – 6:
Capital Expenditure considered for Additional Capitalization for FY 2024-25 & FY 2025-26

SL. No	Power Stations	New additions from 01.04.1996 to 31.03.2024 (Considered in Truing up of GFA for FY2023-24 as OB)	Estimated Additional Capitalisation for FY2024-25 & FY2025-26	Proposed New additions in Tariff calculation for FY 2025-26
1	2	3	4	5=3+4
1	RHEP	89.333	0.000	89.333
2	UKHEP	42.759	6.090	48.849
3	BHEP	416.943	0.000	416.943
4	HHEP	452.144	4.615	456.759
5	CHEP	152.952	144.360	297.312
6	Sub Total	1154.131	155.065	1309.196
7	UIHEP	1390.722 (195.932 + 1194.79)	0.000	1390.722
8	Total	2544.853	155.065	2699.918

The details of decapitalization of Gross Fixed asset considered for computation of tariff for FY2025-26 is furnished in the table below.

Table – 7:
Proposed Decapitalization of Fixed Asset

Sl. No.	Name of the Power Stations	Asset reduction during the FY 2011-12 to FY 2023-24 (Considered in Truing up of GFA for FY2023-24)
1	RHEP	1.723
2	UKHEP	3.509
3	BHEP	3.205
4	HHEP	25.685
5	CHEP	2.818
	Sub Total	36.940
6	UIHEP	5.825
	Total	42.765

The decapitalization of assets in Odisha Hydro Power Corporation Ltd. (OHPC) from FY 2011-12 to FY 2023-24, as proposed in the Truing-up of Project Cost/ GFA, amounts to **₹42.765 Crore**. Key details include:

1. Rs 39.94 Cr deducted from the historic cost of old power stations, as most decapitalized assets belong to transferred assets.
2. Rs 5.825 Cr deducted from the Project Cost/ GFA of the Upper Indravati Hydro Electric Project (UIHEP) for tariff determination.

The total Project Cost/ GFA for computation of tariff for FY2025-26 is considered as follows:

- (a) Total proposed additional capitalization as on 31.03.2024 considered in the truing up petition.
- (b) Estimated additional capitalization for the FY2024-25 & FY2025-26.
- (c) The Historic cost for old power stations (Rs 479.80Cr)
- (d) The Approved original Project Cost/ GFA of UIHEP (Rs 1194.79Cr)
- (e) Total proposed deletion as on 31.03.2024 considered in the truing up petition.
- (f) The total Project Cost/ GFA for FY2025-26= (a) +(b) + (c)+ (d) – (e)

In view of the above, the Project Cost/ GFA considered for Computation of Tariff for FY2025-26 are furnished in the Table below:

**Table-6:
Project Cost for tariff Calculation for FY 2025-26**

(in Rs. Cr.)

Name of the power stations	New Addition from 01.04.1996 to 31.03.2024 as per Truing up Petition submitted by OHPC	Estimated additional capitalization for the FY2024-25 & FY2025-26	Historic Cost as on 01.04.1996 for old Power stations of OHPC	Approved original Project Cost/ GFA of UIHEP	Total Asset reduction/decapitalisation during the FY 2011-12 to FY 2023-24 as per Truing up Petition submitted by OHPC	Project Cost/ GFA considered Tariff calculation
	(a)	(b)	(c)	(d)	(e)	(f)=a+b+c+d-e
RHEP	89.333	0.000	91.09	0.000	1.723	178.700
UKHEP	42.759	6.090	108.31		3.509	153.650
BHEP	416.943	0.000	115.42		3.205	529.158
HHEP	452.144	4.615	72.75		25.685	503.823
CHEP	152.952	144.360	92.23		2.818	386.724
Sub Total	1154.131	155.065	479.800		0.000	36.940
UIHEP	195.932	0.000	0.000	1194.790	5.825	1384.897
Total	1350.063	155.065	479.800	1194.790	42.765	3136.952

OHPC prays before the Hon'ble Commission to approve the Project Cost/ GFA of different power stations of OHPC amounting to Rs 3136.952Cr for computation of tariff for FY2025-26.

6. Determination of Annual Fixed Cost

OERC (Terms and conditions for determination of Generation Tariff) Regulations, 2024 that specifies methodology for computation of tariff for supply of electricity from a hydro generating station. The tariff shall comprise capacity charge and energy charge to be shared on 50:50 basis for recovery of annual fixed cost.

The Annual Fixed Cost of a hydro generating station shall consist of the following components:

- a. Return on equity (ROE)
- b. Interest on loan capital
- c. Depreciation
- d. Interest on working capital
- e. Operation and Maintenance expense
- f. Income Tax
- Less
- g. Non-tariff Income

a. Return on equity (ROE):

Based on the Commission's tariff order dtd 19th April, 2002 and subsequent government notification the ROE to OHPC was allowed on new investments made after 01.04.1996. According to Clause No. 28(2) of OERC (Terms and conditions for determination of Generation Tariff) Regulations, 2024, stipulates that Return on equity shall be computed at the base rate of 14.0% for all thermal generating stations, at the base rate of 15.5% for run-of-river hydro generating station and at the base rate of 16.5% for storage type hydro generation station, pumped storage hydro generating station and run-of-river generating station with pondage.

**Table – 7:
Computation of RoE for different power stations of OHPC for FY 2025-26
(in Rs. cr.)**

Thus, OHPC has appealed before the Commission to approve Rs123.549Crs as RoE for FY 2025-26 for different power stations of OHPC.

Name of the Power Station	Capital Addition considered for RoE upto FY 2023-24 audited account (in Crs) {refer col. 8 of Table-13}	Share of Equity (%)	Value of Equity capital (in Crs)	ROE @16.5% as per New OERC Regulations 2024 & provisions under PPA
1	2	3	4=2*3	5=16.5% of 4
RHEP	89.333	30	26.800	4.422
UKHEP	48.849	30	14.655	2.418
BHEP	416.943	30	125.083	20.639
HHEP	456.759	30	137.028	22.610
CHEP	297.312	30	89.194	14.717
UIHEP	1384.897	25&30	356.021	58.743
Total	2694.093		748.779	123.549

NB: Approved Project Cost/ GFA of UIHEP is Rs1194.79Cr.

OHPC prays before the Hon'ble Commission to approve Return on Equity of different power stations of OHPC amounting to Rs123.549Cr for the FY2025-26 as shown in the Table above.

b. Interest on loan

The loan liabilities on OHPC consist of state Government loan, PFC loans and Normative Loans. The State Government loan liabilities outstanding as on 01.04.1996 is given in the table below:

**Table – 8:
Loan liabilities transferred to OHPC by State Govt.**

(Rs. inCr)		
Sl. No.	Description of loan	Amount as on 01.04.1996
1.	9.8% loan	39.20
2.	13% or 7% loan (UIHEP)	497.86
3.	Interest free loan (UIHEP)	132.14
4.	13% loan (Potteru)	14.30
5.	Zero Coupon Bond-I	383.10
6.	Zero Coupon Bond-II	383.10

Normative Loans - Though, 9.8% State Govt. loan has been repaid, the normative loans of the respective units are still pending. The normative loans of CHEP, RHEP & UKHEP for the FY2025-26 are considered @ 9.8% as per Clause No. 22 of OERC (Terms & Conditions for determination of Generation Tariff) Regulation, 2024. The normative loan of BHEP, Balimela is considered @ 9.6 % for FY 2025-26 based on PFC interest rate applicable to BHEP. Similarly, the normative loan of HHEP, Burla is considered @ 8.75 % for FY 2025-26 based on PFC interest rate applicable to HHEP, Burla. The Normative loan of UIHEP for the FY2025-26 due to the additional capitalization based on audited accounts of FY 2023-24 is considered @7% being the prevailing rate of interest for State Govt. Loan as per the OERC tariff norms.

Hon'ble Commission has never allowed interest and principal of the Normative Loan of Rs 78.74Cr in previous Tariff approvals of OHPC. The accumulated interest calculated up to 31.03.2025 will be Rs 140.43 Crore at the prevailing rate of interest of State Govt. Loan @7%.

Hence, based on the earlier directions of Hon'ble OERC, OHPC has not considered the impact of interest on Govt Loan & Normative Loan of UIHEP in the Tariff Calculation of OHPC for the FY2025-26. Similarly, OHPC has not claimed the accumulated interest on Govt Loan & Normative Loan of UIHEP as regulatory asset in view of the directives of Hon'ble Commission.

Table-9:
Statement of Outstanding Loan & Interest thereon for the FY 2025-26

(Rs. in Crs.)

Sl. No.	Source of Loan	Loan O/S as on 01.04.2025	Interest on Loan for the FY 2025-26
1	State Govt. Loan of UIHEP @7%*	44.41	0.00
2	Normative Loan of Rs78.74Cr for UIHEP, Mukhiguda @ 7%	78.74	0.00
3	Normative Loan of CHEP@ 9.80%	155.99	14.78
4	Normative Loan of UKHEP@ 9.80%	16.30	1.54
5	Normative Loan of HHEP@ 8.75%	119.02	10.07
6	Normative Loan of BHEP@ 9.60%	123.52	11.46
7	Normative Loan of RHEP@ 9.80%	21.39	2.03
8	Normative Loan of UIHEP@ 7.0%	114.24	7.73
Total		673.60	47.607

The Power Station wise interest on loan and guarantee commission as described above is given below:

Table-10:

Interest on loan of different power house of OHPC (Rs. Cr.)

Sl. No.	Source of loan	Interest on loan for FY 2025-26						(Rs. In Crs)
		RHEP	UKHEP	BHEP	HHEP	CHEP	UIHEP	TOTAL
1.	Normative loan	2.026	1.544	11.462	10.067	14.777	7.730	47.607
Total		2.026	1.544	11.462	10.067	14.777	7.730	47.607

Therefore, OHPC prays before the Hon'ble Commission to approve Rs 47.607 Crs. in the tariff of OHPC for the FY2025-26 for payment of Interest towards Normative Loans of the different Power Stations of OHPC as mentioned in the above table.

- c. **Depreciation:** Depreciation is the refund of capital subscribed and is a constant charge against an asset to create a fund for its replacement. The comparative statement for actual repayment of loans and depreciation @2.57% for the FY 2025-26 are shown in the Table below to arrive at the depreciation amount to be claimed in the ARR & Tariff of OHPC for the FY 2025-26.

Table -11:

Depreciation Claim for the FY 2025-26 (Rs. in Crs)

Sl. No.	Power Stations	Project Cost	Depreciation @ 2.57%	Loan Repayment	Depreciation Claimed for the FY2025-26
1.	RHEP	178.70	4.59	1.43	4.59
2.	UKHEP	153.65	3.95	1.09	3.95
3.	BHEP	529.16	13.60	8.23	13.60
4.	HHEP	503.82	12.95	7.93	12.95
5.	CHEP	386.72	9.94	10.40	10.40
6.	UIHEP	1384.90	35.59	37.85	37.85
Total		3136.95	80.62	66.93	83.33

Operation a OHPC prays before the Hon'ble Commission to approve Rs. 83.33 Crs towards Depreciation for the FY 2025-26 for the different Power Stations of OHPC as mentioned in the above table.

d. Operation and Maintenance (O&M) Expenses:

O & M Expenses has been calculated as per the Generation Tariff Regulations, 2024. Accordingly, OHPC for computation of O&M Expense of different power stations of OHPC for the FY 2025-26 has escalated the average actual O&M expenses for FY 2022-23 & FY2023-24 @ 5.72% for FY2024-25 & FY2025-26 as per the principle adopted by the Hon'ble Commission in the tariff orders of OHPC for the FY2022-23, FY2023-24 & FY2024-25 mentioned above. Hon'ble Commission had deducted an amount of Rs2.43Crs from the O&M Expense of UIHEP, Mukhiguda towards the Dam Maintenance Expense received from DoWR for the FY 2023-24 while computing the O&M expenses of UIHEP for FY 2024-25. Assuming the same principle, Accordingly, power station wise and asset wise estimated additional capitalization less than Rs 20lakhs and Capital Spares valuing up to Rs. 10 lakhs as per budgetary provisions approved by OHPC for the FY2024-25 & FY2025-26 amounting to Rs 18.18 Crs are not considered as estimated additional capitalization and the same are included in the O & M Expenses as per Regulation 3(1)(vv) & 21(2) of OERC (Terms & Conditions for Determination of Generation Tariff) Regulations 2024 .

Table- 12:
Statement of O & M Expenses for different power stations of OHPC for FY 2025-26

(Rs.in Cr.)

Sl · No.	Particulars	RHEP	UKHEP	BHEP	HHEP	CHEP	Sub Total	UIHEP	CO	Total
1	O & M expenses for FY 2024-25 approved by Hon'ble OERC	57.7	55.3	57.82	54.32	24.56	249.70	68.19		317.89
2	O & M expenses for FY 2022-23 as per Audited Account.	47.57	46.21	45.63	43.02	21.25	203.68	49.61	36.87	290.16
3	O & M expenses for FY 2023-24 as per Audited Account.	48.95	57.51	68.11	48.67	31.51	254.75	55.60	41.88	352.23
4	Average of O&M expenses (2022-23 & 2023-24)	48.26	51.86	56.87	45.85	26.38	229.21	52.61	39.37	321.20
5	Escalation @5.72% for FY 2024-25	51.02	54.83	60.12	48.47	27.89	242.33	55.62	41.63	339.57
6	Escalation @5.72% for FY 2025-26	53.94	57.96	63.56	51.24	29.48	256.19	58.80	44.01	358.99

Sl · No.	Particulars	RHEP	UKHEP	BHEP	HHEP	CHEP	Sub Total	UIHEP	CO	Total
7	Add: Estimated Additional capitalization less than Rs 20lakhs and Capital Spares valuing up to Rs. 10 lakhs for the FY2024-25 & FY2025-26 (Corporate Office apportioned)	4.62	3.24	2.66	2.50	3.38	16.41	1.77		18.18
8	Total O & M Expenses for the FY 2025-26(6+7)	58.56	61.21	66.22	53.74	32.87	272.60	60.57	44.01	377.17
9	Less : Income to be received from DOWR towards dam maintenance of UIHEP	63.95	68.11	77.23	59.95	34.42	303.66	73.51		377.17
	Corporate Office expenses apportioned to different units under OHPC based on Installed Capacity							2.43		2.43
	Total O & M Expenses for the FY 2025-26(8+9)	63.95	68.11	77.23	59.95	34.42	303.66	71.08	0.00	374.74
	Less Amount to be received from DoWR towards Dam Maintenance Sharing of UIHEP for FY 2025-26	8.88	12.78	7.06	-2.82	-1.50	24.40	3.74		28.14
	O&M Expenses for the FY 2025-26	72.83	80.89	84.29	57.13	32.92	328.07	74.82	0.00	402.89

OHPC prays before the Hon'ble Commission to approve Rs.402.89Cr towards O&M Expenses for the FY 2025-26 for the different Power Stations of OHPC as mentioned in the above table.

e. Interest on Working Capital

Hon'ble OERC has stipulated the following regarding rate of interest on working capital for OHPC at clause no. 32(4) of the OERC (Terms & Conditions for determination of Generation Tariff) Regulation, 2024.

Table -13 below summarizes the station wise interest on working capital as proposed by the OHPC for FY 2025-26.

**Table- 13:
Interest on Working Capital for FY 2025-26**

(Rs. in Crs)

Sl. No	Description	RHEP	UKHEP	BHEP	HHEP	CHEP	Sub Total	UIHEP	Total
1	Interest on Loan & GC	2.03	1.54	11.46	10.07	14.78	39.88	7.73	47.61
2	RoE	4.42	2.42	20.64	22.61	14.72	64.81	58.74	123.55
3	O & M Expenses	72.83	80.89	84.29	57.13	32.92	328.07	74.82	402.89
4	Depreciation	4.59	3.95	13.60	12.95	10.40	45.49	37.85	83.33
5	Less Non Tariff Income	1.00	0.77	1.07	1.16	3.32	7.326	1.04	8.369
6	Adjustment of Non-Tariff Income of FY2023-24	0.61	0.78	1.24	0.70	0.18	3.497	1.46	4.954
7	Less Sale of Power to CSPDCL				3.43		3.429		3.429
8	Total[1+2+3+4-5+6-7]	83.48	88.81	130.16	98.87	69.66	470.98	179.56	650.53
9	O & M Expenses for One Month	6.07	6.74	7.02	4.76	2.74	27.34	6.24	33.57
10	Maintenance spares @15% of O & M Expenses	10.92	12.13	12.64	8.57	4.94	49.21	11.22	60.43
11	Receivable equivalent to 45days of Annual Fixed Cost	10.69	11.38	16.57	12.56	8.83	60.03	22.71	82.74
12	Total Working Capital	27.68	30.26	36.24	25.89	16.51	136.58	40.17	176.75
13	Interest on Working Capital calculated @ 11.65%	3.225	3.525	4.221	3.016	1.923	15.911	4.680	20.59

OHPC prays before the Hon'ble Commission to approve Rs 20.59 Crs towards Interest on Working Capital for the FY 2025-26 for the different Power Stations of OHPC as mentioned in the above table.

f. NON- TARIFF Income

Clause No.35(1), (2) & 60 of OERC (Terms & Conditions for determination of Generation Tariff) Regulation, 2024 specifies that the non-tariff net income in case of generating station from rent of land or buildings, sale of scrap and advertisements shall be shared between the beneficiaries and the generating company, in the ratio 50:50.

Table -14

Non-Tariff Income of different Power Stations of OHPC for FY 2025-26

Sl. No	Description	RHEP	UKHEP	BHEP	HHEP	CHEP	UIHEP	Total
1	Net sharable Non-Tariff Income	1.994	1.549	2.145	2.318	6.646	2.086	16.738
2	50% of net sharable Non-Tariff Income to be considered in ARR	0.997	0.774	1.072	1.159	3.323	1.043	8.369

Therefore, OHPC prays before the Hon'ble Commission to approve the sharable non-tariff income of Rs. 8.369Cr's different power stations for the FY2025-26 as shown in the Table above. Further OHPC has adjusted Rs4.954Cr's (i.e. Rs24.77Cr's/5= Rs4.954Cr's) as 3rd instalment of recovery of excess Non-Tariff income deducted by Hon'ble OERC in the Tariff of OHPC for FY2021-22. The above Rs4.954Cr's is apportioned among the different Power Stations of OHPC in the ratio of Installed Capacity..

Annual Revenue Requirement (ARR) & Tariff for the FY 2025-26

Based on the above parameters the power station wise ARR and tariff of OHPC have been calculated for the FY 2025-26 as follows:

The values of ARR along with its different components and the average tariff computed considering the Saleable Design Energy of 5601.62MU for the FY 2025-26 is shown in the table below.

Table-15:

Station wise ARR and Tariff for the FY 2025-26 considering saleable D.E. of 5601.62 MU

Details expenses	RHEP	UKHEP	BHEP	HHEP	CHEP	Sub Total	UIHEP	Total
Existing Saleable Design Energy (MU)	519.75	823.68	1171.17	660.52	484.12	3659.24	1942.38	5601.62
(Rs. in Crs.)								
Return on Equity	4.422	2.418	20.639	22.610	14.717	64.805	58.743	123.55
Interest on Loan	2.026	1.544	11.462	10.067	14.777	39.877	7.730	47.61
Depreciation	4.593	3.949	13.599	12.948	10.399	45.488	37.846	83.33
O&M Expenses	72.830	80.893	84.292	57.132	32.919	328.066	74.821	402.89
Interest on working capital	3.225	3.525	4.221	3.016	1.923	15.911	4.680	20.591

Details expenses	RHEP	UKHEP	BHEP	HHEP	CHEP	Sub Total	UIHEP	Total
Total Cost	87.095	92.329	134.213	105.773	74.736	494.147	183.821	677.968
Less Non-Tariff Income as per Audited Account for FY2023-24	0.997	0.774	1.072	1.159	3.323	7.326	1.043	8.369
Adjustment of recovery of 3rd instalment of excess Non-Tariff income deducted in ARR of OHPC for FY2021-22 (Apportioned as per Installed Capacity)	0.607	0.777	1.239	0.699	0.175	3.497	1.457	4.954
Less Sale of power to CSPDCL for 2025-26				3.429		3.429		3.429
Total ARR for FY2025-26	86.705	92.332	134.380	101.884	71.588	486.889	184.235	671.124
Average Tariff (p/u)	166.82	112.10	114.74	154.25	147.87	133.06	94.85	119.81

7. Two-Part Tariff

As per clause no. 45(1) of the OERC (Terms and conditions for determination of Generation Tariff) Regulation 2024, the annual fixed cost of a power station shall be recovered on monthly basis through capacity charge (inclusive of incentives) and energy charge. Accordingly, annual capacity charges, annual energy charges and energy charge rate of different power stations of OHPC for FY 2025-26 is shown below.

Table-16:

Proposed Capacity charge and energy charge of OHPC power stations for FY 2025-26

Name of the Power Stations	Annual Fixed Cost (Rs in Crs.)	Capacity Charges (Rs in Crs.)	Energy Charges (Rs in Crs.)	Saleable Design Energy (in MU)	Energy Charge Rate(P/U)
RHEP, Rengali	86.705	43.353	43.353	519.75	83.410
UKHEP, Baraniput	92.332	46.166	46.166	823.68	56.048
BHEP, Balimela	134.380	67.190	67.190	1171.17	57.370
HHEP, Burla	101.884	50.942	50.942	660.52	77.124
CHEP, Chiplima	71.588	35.794	35.794	484.12	73.936
UIHEP, Mukhiguda	184.235	92.118	92.118	1942.38	47.425

OHPC prays before the Hon'ble Commission to approve the AFC, ACC, AEC & ECR of its power stations as indicated in Table above for the FY 2025-26.

8. Application Fee and Publication Expenses

As per the OERC tariff regulation 2024, the application filing fee and the expenses incurred on publication of notices may in the discretion of the commission, be allowed to be recovered by the generating company directly from the beneficiaries. As per the Commission notification no. 1992 dated

31.08.2009 in the clause no. 17, Commission has fixed a fee of Rs. 5000/- per MW as application fee for determination of tariff of conventional fuel based plant/ hydel plants, subject to maximum limit of Rs. 25,00,000/- (Rupees Twenty-five lakhs). In consideration of the above order, OHPC has to deposit application fee of Rs. 25 Lakhs for the FY2025-26. OHPC may be allowed to recover the same amount from GRIDCO. So, considering Rs.1.479Lakhs as last year publication expense, OHPC propose Rs2.0Lakhs as reimbursement towards publication expenses for FY2025-26. Therefore, Hon'ble OERC may kindly approve Rs27 Lakhs to be reimbursed from GRIDCO towards application fees and publication expenses as shown in the Table below.

Table -17:

Application Fees and Publication Expenses FY 2025-26

(Rs. In lakhs)

Sl. No.	Particulars	Amount to be reimbursed
1	Application fee for FY2025-26	25.00
2	Publication expenses for FY2025-26	2.00
	Total	27.00

9. Electricity Duty on Auxiliary Consumption

As per the agreed PPA, the taxes and duties including ED on auxiliary consumption etc payable by OHPC to the State Government and other statutory bodies shall be passed on to GRIDCO in the shape of supplementary bill raised by OHPC. GRIDCO will make payment accordingly within 30 days of receipt of bills.

As per the Odisha Electricity (Duty) Amendment Act, 2016 vide their Gazette Notification No. 1981 Dtd. 05.11.2016 the electricity duty (ED) on Auxiliary Energy Consumption shall be paid on auxiliary equipment consumption and the transformer losses within the power stations. The Auxiliary Energy Consumption (AUX) has been defined in CERC Tariff Regulation 2024 & OERC (Terms & condition for determination of generation Tariff) Regulation, 2024

Based on the subsequent implementation of Odisha Electricity (Duty) Amendment Rules, 2017 by Govt. of Odisha in Dept. of Energy vide Notification No.617 dated 24.01.2017, OHPC is paying the Electricity Duty in "J" format, where Electricity Duty is payable on total Energy Generated minus total Energy Sold. This implies that the Electricity Duty is payable on the Auxiliary Equipment consumption and Transformer loss within the Power Station.

Further in pursuance to Sub-section-I of Section-3 of Orissa Electricity (Duty) Act-1961 and supersession to the Govt. Notification No 9539 BT(ed)-01/2016-En dated 27.12.2016, the State Govt in the Dept. of Energy has revised the rate of ED vide notification No.912 dated the 12.05.2017. Accordingly, the Rate of Electricity Duty / Unit has been revised from 30 paisa per Unit to 55 paisa per Unit with effect from 12th May 2017 as per the Gazette Notification No. 912 dtd. 12.05.2017. Accordingly OHPC has computed ED @55paisa per Unit for all power station for FY 2025-26 as reimbursement.

Table-18:
ED claim for OHPC power station for FY 2025-26

(Rs. in Crs)

Power Stations	Design Energy (in MU)	Proposed Percentage of Auxiliary Energy Consumption (in %)	Auxiliary Energy Consumption to be approved (in MU)	ED Rate Applicable (in Rs/Unit)	ED proposed for Reimbursement by OHPC @55p/u & AUX (in Crs)
RHEP	525	1	5.25	0.55	0.289
UKHEP	832	1	8.32	0.55	0.458
BHEP	1183	1	11.83	0.55	0.651
HHEP	684	1	6.84	0.55	0.376
CHEP	490	1.2	5.88	0.55	0.323
UIHEP	1962	1	19.62	0.55	1.079
MHEP Odisha share	262.5	1.2	3.15	0.55	0.173
Total	5676		60.89	0.55	3.349

Hence, OHPC prays before the Hon'ble OERC to kindly approve reimbursement of ED amounting to Rs3.349Cr for the FY 2025-26 from GRIDCO which may kindly be provisioned in the ARR.

10. License Fee for Use of Water for Generation of Electricity

As per the gazette Notification Dt. 01.10.2010, OHPC has to pay @Rs. 0.01/KWh as Licence Fee on water used for generation of electricity from all Hydro Electric Project and getting the same reimbursed from GRIDCO.

The Revenue & Disaster Management Department have amended the Odisha Irrigation (Amendment) Rule, 2016 which was published in Odisha Gazette on 27.09.2016. As per the amendment made in Rule-23-A (2) (f) of the Odisha irrigation Rule the license fee for drawl or allocation of water was enhanced @10% per annum w.e.f 1st day of April.

Accordingly, OHPC was paying water cess @1.1paise/ unit for the FY 2017-18, @1.2 paise/ unit for the FY2018-19, @1.3paise/ unit for the FY2019-20, @1.4paise/ unit for FY2020-21, @1.5paise/ unit for the FY2021-22, @1.6paise/ unit for the FY2022-23, @1.7paise/ unit for the FY2023-24, @1.8paise/ unit for FY2024-25 and got reimbursed from GRIDCO. In a similar manner OHPC shall pay Licence Fee on water used for generation of electricity for FY 2025-26 @1.9 paise/ unit amounting to Rs 11.285 Cr based on the approved design energy for generation as shown in the table below, which shall be reimbursed from GRIDCO on actual basis.

Table – 19:

License fee for Consumption of water for generation of electricity FY 2025-26

(Rs. in Crs)

Power Stations	Design Energy (in MU)	Licence Fee on water Proposed by OHPC @0.019Rs/Kwh of Generation (in Crs)	Remarks
RHEP	525	0.998	OHPC will claim reimbursement
UKHEP	832	1.581	
BHEP	1183	2.248	

HHEP	684	1.300	@Rs 0.019/Kwh on actual generation of each Power Station.
CHEP	490	0.931	
UIHEP	1962	3.728	
MHEP (Odisha Share)	262.5	0.499	
Total	5938.5	11.285	

Accordingly, OHPC prays before the Hon'ble Commission for approval of provisional amount of Rs11.285 towards License fee mentioned in the table above as Reimbursement from GRIDCO subject to approval of reimbursement to the extent of actual water Cess paid to the Govt. based on actual generation pattern for the FY2025-26.

11. SLDC Charges

As per OERC (fees & charges of state load dispatch centre and other related matters) regulations, 2010 SLDC has to levy and collect annual charges from the users towards system operation charges and market operation charges.

The Commission provisionally approved Rs 2.08Cr to be reimbursed from GRIDCO by OHPC towards payment of SLDC fees & charges for the FY 2024-25 considering 1798.8 MW towards average available Capacity of OHPC power Stations for the FY 2024-25, which is to be collected by SLDC from OHPC on monthly basis and OHPC has to reimburse the same from GRIDCO. Since OHPC has not received the ARR, fees & charges of SLDC for the FY 2025-26, the previous year approved charges applicable to OHPC has been escalated @5.47% to arrive at the charges payable by OHPC for the FY 2025-26

Accordingly, Rs. 2.194Crs. has provisionally been considered as fees & charges of SLDC payable by OHPC on the average available Installed Capacity of 1635 MW.

12. Reimbursement of Contribution Made to ERPC

OHPC is contributing towards ERPC establishment fund & ERPC fund from the FY 2006-07 onwards as per their demand note. Annually OHPC is paying Rs15Lakhs towards contribution to ERPC Establishment Fund & Rs.01 Lakh towards contribution to ERPC Fund. Assuming the same claim of ERPC, OHPC has claimed this amount of Rs 16.0 Lakhs as a pass through in the tariff for FY 2025-26 to be reimbursed from GRIDCO. Any excess claim (above Rs16.0 Lakhs) made by ERPC for the FY 2025-26 will be claimed as additional reimbursement in the subsequent Tariff year.

13. Income Tax

Calculation of Income Tax for Reimbursement for FY2025-26 based on audited account 2023-24 is detailed below:

Table-20:
Calculation of Income Tax for Reimbursement by OHPC for the FY 2025-26 based on Audited account 2023-24

Statement of Computaion of income Tax Reimbursement from GRIDCO		
(Rs. In Crs)		
SI No	Particulars	As per OERC Generation regulation 2024
A	Total Other Income As Per Audited Accounts (Refer Note No- 31 of Audited Accounts)	358.011
B	Non Tariff Income reduced From ARR	16.738
C	Reimbursement from GRIDCO on A/C of Income Tax	7.290
D	Dam Share from DOWR	2.430

E	Net Other income	331.552
F	Income Tax On other Income @25.168%	83.445
G	Total Tax liability as per Audited Accounts	97.894
H	Income Tax to be claimed from Gridco.(G-F)	14.449

Accordingly, OHPC prays for approval of Rs 14.449 Cr towards reimbursement of income tax for FY 2025-26 on core business.

14. Details of Reimbursement Cost:

Total reimbursement cost claimed for the FY 2025-26 is given in the table – 21 below.

**Table 21:
Details of Reimbursement for FY 2025-26**

<i>Component of Costs</i>	RHEP	UKHEP	BHEP	HHEP	CHEP	UIHEP	MHEP (Odisha Share)	Total
<i>(a) License fee for use of water for generation of electricity for FY 2025-26.</i>	0.998	1.581	2.248	1.300	0.931	3.728	0.499	10.786
<i>(b) ED on Auxiliary Energy Consumption for FY2025-26.</i>	0.289	0.458	0.651	0.376	0.323	1.079	0.173	3.122
<i>(c) SLDC charges for FY 2025-26.</i>								2.194
<i>(d) Application fees and publication expenses for FY2025-26.</i>								0.270
<i>(e) ERPC charges for FY2025-26.</i>								0.160
<i>(f) Income Tax for tariff Year 2025-26 as per Audited Account of FY 2023-24</i>								14.449
<i>(g) Unapproved Income Tax of Tariff Year 2024-25 as per Audited Account of FY2021-22 & FY2022-23</i>								25.060
<i>(h) 1st Year of Truing up Claim for the block period from FY2020-21 to FY2023-24 considering the reimbursement of truing up claim in five equal installment.</i>	1.362	0.434	8.009	10.204	5.737	9.749	35.496	1.362
Total								91.537

Thus, the Commission may approve the total reimbursement of Rs 91.537 as proposed by OHPC in table above. The above expenditure may be included in GRIDCO's ARR for reimbursement to OHPC and hence shown as revenue requirement in OHPC filing for FY 2025-26.

15. Tariff for Energy Billing to CSPDCL:

the erstwhile Chhattisgarh State Electricity Board (CSEB), presently Chhattisgarh State Power Distribution Company Limited (CSPDCL) drawing energy from Hirakud generation towards 5MW share of Chhattisgarh State (erstwhile share holder being Madhya Pradesh) was taking a plea since the FY 2006-07 to pay the energy charges at the tariff approved by the Hon'ble Commission for HHEP, Burla, applicable for the consumers of Odisha, considering the supportive measures extended by the Govt. of Odisha which is considerably less than the actual cost of generation from HHEP on which billing was made to them as per the Minutes of Meeting dtd.24.12.2004.

Accordingly, as per request of OHPC Hon'ble Commission have provisionally fixed the ECR for billing to CSPDCL for the FY2015-16 to FY2024-25. OHPC has computed the provisional tariff for billing of Energy to CSPDCL for coming FY 2025-26 as per the CERC (Terms and Conditions of Tariff) Regulation'2024, Upvalued Project Cost/GRA of HHEP, Burla & approved additional capitalization from 01.04.1996 to 31.03.2024 as furnished at Table below.

**Table 22:
Tariff for CSPDCL for 2025-26**

Details of Expenses HHEP	Amount (Rs in Crs)
Salable Design Energy of HHEP (in MU)	677.16
Project Cost/ GFA (Up-valued cost as on 01.04.1996 + Capitalization up to 31.03.2023 - Decapitalization)	561.23
Return on Equity (@ 22.0494%)	37.12
Interest on Loan	11.82
Depreciation (@ 5.28%)	29.63
O & M expenses (Escalated @ 5.47%)	57.29
Interest on Working Capital (@ 11.90%)	3.64
Total ARR	139.50
Average Tariff (p/u)	206.012
Total amount to be billed for 16.644MU for FY2025-26 (Rs in Crs)	3.429

OHPC prays Hon'ble OERC to approve the tariff for energy billing to CSPDCL @ 206.012paise/unit for the FY 2025-26. As a result Rs 3.429 Cr is to be adjusted from ARR of HHEP, Burla.

16. Annual Revenue Requirement & Tariff for Machhkund H.E. (Jt.) Scheme

**Table-24:
Performance of MHEP(Jt.) Scheme for the FY2023-24:**

Sl. No.	Performance Parameters	Approval by OERC	Actual Performance	Remarks
1	Energy sold	259.875MU (50% Share of saleable DE)	386.127MU	126.252MU more than approved saleable energy
2	O&M Expenses	Rs32.1337Crs (ARR approved)	Rs31.799Crs	MHEP has generated 126.252MU more than Saleable DE even by spending Rs0.3347Cr less than ARR approved.

3	Short Drawl by Odisha		29.535MU	Odisha could not draw 29.535MU in the FY2023-24.
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**Table-23:
Projected Tariff of Machhkund H. E. (J) Scheme for FY 2025-26**

PROJECTED TARIFF OF MACHHKUND (JT.) HEP FOR 2025-26	
	2025-26
Present Installed Capacity of MHEP (Jt.) Scheme (MW)	120
(50%) Odisha Share as per New Agreement dated 23.10.2020 (MW)	60
Design Energy of MHEP for Generation (MU)	525
Normative Auxiliary Energy Consumption (AUX) (%)	1.2%
Normative Auxiliary Energy Consumption (AUX) (MU)	6.3
Saleable Design Energy for sharing between Andhra Pradesh & Odisha (MU)	518.7
(50%) Saleable Design Energy Share of Odisha (MU)	259.35
Drawl of Total Share of Odisha Energy by GRIDCO (MU)	259.35
O&M Escalation factor @ 5.47 % for two years over the O&M Bill of MHEP for FY 2023-24.	1.112
	(Rs. in Crs.)
1. Total Audited Cost of O&M Bill of MHEP (Jt.) for the FY 2023-24.	63.5988
2. 50% O&M Expenditure share (Orissa share of Actual O&M Expenditure for 2023-24)	31.7994
3. O&M Expenditure for FY 2025-26 applying the escalation factor	35.3734
4. Total Expected Expenditure during the FY 2025-26	35.3734
5. Provisional Tariff (Paise/Kwh)	136.393
Reimbursements of Statutory Dues/Duty/Cess as applicable shall be considered under the O&M Expenses.	

17. Normative Plant Availability Factor (NAPAF)

Hon'ble OERC in Case No. 52 of 2019 had fixed the NAPAF of different power stations for the control period 2019-20 to 2024-25 as follows:

<i>Power Stations</i>	<i>RHEP</i>	<i>UKHEP</i>	<i>BHEP</i>	<i>HHEP</i>	<i>CHEP</i>	<i>UIHEP</i>
<i>NAPAF (%)</i>	80	87	<i>83- for first 3 years 87 – for subsequent 2 years</i>	75	75	88

**Table-24:
Normative Plant Availability Factor proposed by OHPC for FY 2025-26**

In view of the above, the NAPAF of different power stations of OHPC for the FY 2025-26 for computation of Capacity Charges may please be extended as mentioned in the Table below:

Power Stations	RHEP	UKHEP	BHEP	HHEP	CHEP	UIHEP
NAPAF (%)	80	87	87	75	75	88

**17 COMPLIANCE TO THE DIRECTIVES AS PER ARR AND TARIFF
ORDER OF OHPC FOR FY 2023-24**

PARA NO	DIRECTIVES OF OERC	COMPLIANCE
63(a)	<i>“The Design Energy of UKHEP, BHEP, UIHEP, and CHEP has come down over the years. The reason for less generation shall be submitted to the Commission for each HEP along with actual generation (in MU) in last ten (10) years.”</i>	<p>The actual generation in MU of OHPC Power stations in last 10 years are submitted by OHPC.</p> <p>Reasons for less generation:</p> <p>HHEP, Burla : Unable to achieve its Design Energy till FY 2020-21 because of its Renovation, Modernization & Uprating (R,M&U) work of Unit-5 & Unit-6. The desired generation during spillage period could not be achieved due to R, M & U of the said units.</p> <p>CHEP, Chiplima : Unable to achieve Annual Design Energy generation since its inception. The ene generated by the CHEP for FY 2020-21 is 328 MU which is the maximum in last 10 years far below the Design Energy (490 M However, CHEP was maintaining mach availability more than approved NAPAF in rec years.</p> <p>BHEP, Balimela : Due to hydrology failure and R & M work BHEP generated energy less than its design energy in some years.</p> <p>UKHEP, Bariniput : Unable to achieve Design Energy in most of years due to hydrology failure. It achieved Design energy of generation only in the FY 20 19 since last 10 years.</p> <p>UIHEP, Mukhiguda : Unable to achieve Design Energy of gener most of the years due to hydrology failure However, UIHEP was maintaining machi availability around approved NAPAF in la years.</p>

63(b)	<i>“OHPC shall submit the status of capital maintenance of Unit 1&2 of Chiplima Power House and Repair & Renovation of power channel from Burla Power House to Chiplima Power House for which huge amount has been approved by the Commission.”</i>	The status of capital maintenance of Unit 1&2 of Chiplima Power House and Repair & Renovation of power channel from Burla Power House to Chiplima Power House.
63 (c)	<i>“OHPC shall submit the present status and the completion schedule of Kharag HEP (63 MU), pump storage projects associated with UIHEP, UKHEP, BHEP and nine (9) off the river closed loop PSP.”</i>	The present status and the completion schedule of Kharag HEP (63 MU), pump storage projects associated with UIHEP, UKHEP, BHEP and nine (9) off the river closed loop PSP..
63 (d)	<i>“OHPC shall submit the status of implementation of floating solar projects on the existing reservoirs.”</i>	The status of implementation of floating solar projects on the existing reservoirs..
63 (e)	<i>“OHPC shall submit brief details of any major Forced Outage of HEP, reasons thereof and remedial measures taken to avoid repetition of such incidence in future.”</i>	The brief details of any major Forced Outage of HEP, reasons thereof and remedial measures taken to avoid repetition of such incidence in future.

Table-25:

Details of proposal for approval of capital maintenance work of UIHEP, Mukhiguda

Sl No	Name of the Unit	Name of work	Estimated capital addition (Rs)	Period of shut down for availing capacity charge benefit	Remarks
1	Unit 1 to 4 of UIHEP, Mukhiguda	Design, Engineering, Manufacturing, Supply, Erection, Testing & Commissioning	52,76,53,200	3 months for replacement of each MIV with seal control system.	(1) Zero date for installation of each MIV shall be decided in consultation with SLDC

		of new MIVs with new MIV seal control system.			(2) The capacity (MW) of the Unit under Capital Maintenance shall be deducted from the total Installed Capacity for computation of PAFM.
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OHPC prayed for approval of the capitalisation for execution of the capital maintenance work for replacement of Main Inlet Valve of all four Units of UIHEP with an estimated price of Rs 52, 76, 53,200/-(excluding GST) and to allow the shutdown period of 3 months for each unit of UIHEP as mentioned in the Table-25 as above.

19. PRAYER

OHPC prays before the Hon'ble Commission to kindly approve the following in the ARR & Tariff Order of OHPC Power Stations for the FY 2025-26:

- i) The proposed Saleable Design Energy of different power stations of OHPC for FY 2025-26 as furnished in the Table-4.
- ii) The ARR amounting to Rs 671.124Cr. of OHPC Power Stations at an average tariff @ 119.81 Paise/Unit;
- iii) The ACC, AEC & ECR of different Power Stations of OHPC as shown in the Table-25;
- iv) The miscellaneous reimbursement of Rs 91.5366Crore by OHPC from GRIDCO;
- v) The tariff for energy billing to CSPDCL @ 2.06012 Rs / kWh considering Up-valued cost of HHEP and the norms of CERC (Terms & Conditions of Tariff) Regulations, 2024;
- vi) The tariff of MHEP (Joint Scheme) @ 1.3704 Rs/unit with provision of Rs 35.5413 Crores in the ARR of OHPC & GRIDCO to enable OHPC to make payment of O&M cost to APGENCO as per the new Agreement;
- vii) The average available Installed Capacity as 1635 MW for payment of SLDC charges;
- viii) Approval of the Loan repayment schedule of UIHEP as shown in Table No.18, so that 90% of Project Cost/ GFA is recovered & Loan Liabilities are cleared during the Useful life of the project.
- ix) Recognition of the secondary energy fund as per the Para 6.5(e) of Order dt.10.06.2005 of the Hon'ble Commission which presently stands as (-) Rs 152.707Cr.

- x) To accord the in principle approval of capital maintainance work for procurement & installation of 4 nos of MIVs with seal control system of UIHEP as proposed under Table-40.
- xi) To Condone any inadvertent omission, errors, shortcomings and permit the Petitioner to add/change/modify/alter this filing and make further submissions as may be required at a future date;