

*Summary of ARR & Fees and  
Charges for SLDC Filings*

*Submitted by*

*SLDC*

*For*

*FY 2023-24*

**OPTCL'S PROPOSAL FOR ARR & LEVY OF ANNUAL FEES & CHARGES FOR  
SLDC FUNCTIONS FOR FY 2023-24**

1. The application for approval of Annual Revenue Requirement and Fees & Charges for SLDC for FY 2023-24 has been prepared by OPTCL in line with the provision mentioned in the CERC (Fees & Charges of RLDC & other related matters) Regulations, 2009, OERC (Fees & Charges of SLDC & other related matters) Regulations, 2010 and considering the following recommendation of the MOP Committee Report.
  - (a) SLDC is to be equipped suitably to play the pivotal role of an Independent System Operator (ISO).
  - (b) Power system operation is the core activity of LDCs. Efficient load dispatching also requires a deep understanding of Transmission, Generation and Distribution technology. In view of above, the executives shall be from electrical engineering discipline. Efforts need be made to supplement them with interdisciplinary learning and development.

**Provision of CAPEX Plan**

2. The Commission has approved the CAPEX expenditure plan amounting Rs. 717.99 lakh proposed by SLDC vide their order dated 23.03.2017 including construction of a new building having total cost of Rs. 450 lacs. Phasing of expenditure for the building was Rs.135.00 lacs during FY-2016-17 and Rs. 315.00 lacs during the FY-2017-18. On request of SLDC, the Commission has allowed shifting of the CAPEX plan implementation by one year i.e. during FY 2017-18 and 2018-19 in its order dated 22.03.2018 in case No. 78 of 2017.
3. Due to modification in plan and site, revised proposal of construction of new building of total estimate of Rs 34.35 Cr phased in next two years was submitted and the same was approved by the Commission vide letter No. DIR(T)-351/08/112 dated 19.01.2021.
4. The Commission vide letter No. DIR(T)-351/08/1520 dated 27.10.2017 have approved Rs. 309.105 lakhs towards up-gradation and expansion of existing VPS, procurement & commissioning of RVDU at Jayanagr for Machhakund data and procurement of furniture. All works have been completed.
5. The Commission vide letter No. DIR(T)-351/08/1288 dated 10.09.2019 has approved capex plan of Rs. 27.72 lakhs towards procurement & installation of 16 numbers of AC machines and computers & peripherals. The Commission vide letter No. DIR(T)-351/08/1298 dated 16.11.2020 has approved 21.0 lakhs for procurement and installation of firewall device at SLDC. The works have been completed.

6. The Commission vide its letter No. DIR(T)-351/08/112 dated 19.01.2021 has approved the following capital expenses:
- (i) Rs. 1.78 lakhs for procurement & installation of Poly studio with expansion Microphone which has been procured.
  - (ii) Rs. 7.1928 lakhs for procurement of 12 nos. Acer intel core i5 14 inch Laptops which have been procured.
  - (iii) Rs. 11.90838 lakhs for license renewal of Maintenance and Support (M&S) contract of PSS/E user licenses of SLDC. The PSS/E user licenses of SLDC have been renewed.
  - (iv) Rs. 3435.15895 lakhs for construction of new (G+5) building with total built up area of 63559.2 Sq.ft.

7. The status of CAPEX in enclosed herewith as Annexure-I

**Organizational structure and their Functions**

8. OPTCL submitted that the man power structure given in the ARR is in line with the approved structure by the Government of Odisha. Total 67 nos. of executives / non-executives shall be deployed at SLDC.

**Item wise Annual Revenue Requirement for SLDC operation as proposed by OPTCL for FY 2023-24**

9. As per the OERC (Fees and Charges of State Load Despatch Centre and other related matters) Regulations, 2010 the annual charges consist of the following components:
- a. Return on Equity
  - b. Interest on Loan Capital
  - c. Depreciation
  - d. Operation & Maintenance Expenses Excluding Human Resource expenses
  - e. Human Resource Expenses
  - f. Interest on Working Capital

**a. Return on Equity and (b) Interest on loan capital:**

Since no equity has been invested by SLDC and there is no outstanding loan on SLDC, Return on Equity and Interest on loan capital are not considered in the ARR.

**c. Depreciation:**

Depreciation for the assets in the Unified Load Despatch Center and offices in SLDC has been computed as Rs. 80.689 lacs as per CERC Regulation. The major amount of depreciation charges is for recovering the depreciation cost for the upgraded & enhanced VPS (costing Rs 166.53 lacs) amounting Rs 24.979 lacs. Further, depreciation charges for recovering the depreciation cost of laptops, computers & peripherals for SLDC data centre and office amounting Rs. 44.239 lacs. Total depreciation amount is provided in table below.

**Table – 1: Statement of Depreciation (in Rs. Lacs)**

<b>Financial Year</b>	<b>2021-22</b>	<b>2022-23</b>	<b>2023-24</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
<b>Recovery of Capital Cost (Amount to be recovered during the year)</b>	0.000	0.000	0.000
Depreciation on existing assets	71.298	81.183	80.689
<b>TOTAL</b>	<b>71.298</b>	<b>81.183</b>	<b>80.689</b>

**d. Operation and Maintenance Expenses:**

Operation and maintenance expenses excluding human resources expenses for FY 2023-24 has been computed as **Rs. 356.455 lacs** considering the R&M expenditure proposed to be incurred for Facility Management Services (FMS), Website charges, IT equipment and Electrical maintenance of office building and colony quarters etc and A&G expenses. The O & M expenses have been projected considering actual expenditure to be incurred during FY 2023-24.

**Table – 2: Statement of O&M Expenses Excluding Human Resource Expenses**

(in Rs. Lacs)

SL No	ITEMS	2021-22 (Actual)	2022-23 (Approved)	2022-23 (Actual up to Sept.-22)	2023-24 (Proposed)
1	2	4	5	6	7
1	<b>Repairs and maintenance expenses</b>	72.919	56.996	18.528	140.290
2	<b>Administrative and general expenses, etc</b>	113.811	124.240	56.627	216.165
	<b>Total</b>	186.730	181.236	75.155	<b>356.455</b>

**c. Human Resources Expenses:**

Human resources expenses have been computed as Rs. **974.545** lacs considering the existing employees including 4 numbers of Telecommunication personnel working at SLDC control centre. In addition, salary for 13 contractual/outsourcing staffs to be engaged at SLDC in the FY 2023-24 has been considered.

**Certificate of LDC Personnel:**

The committee on “Manpower, Certification and Incentives for System Operation and Ring Fencing Load Despatch Centres” recommended compensation structure, innovative incentive schemes for higher learning and monetary incentives based on the ratings of the employees. For imparting training to the executives, the expenditure for Training & Certification of LDC personnel has been projected as Rs **30.0** lacs for FY 2023-24.

**d. Interest on Working Capital:**

The interest on working capital (amounting Rs **353.083**) is computed as **Rs. 41.311 lacs** as per OERC Regulation considering 11.70 % rate of interest (SBI base rate 8.70 % plus 300 basis points). Even though SLDC has not taken loan to meet the working expenses, the provision has been kept due to non-receipt of SLDC charges from the user for two months from the commencement of financial year. The loss of interest for

the above amount is being recovered as interest on working capital. The details on working capital requirement and interest on it is given in table-3 below.

**Table – 3: Statement of Interest on Working Capital**

(in Rs. Lacs)

<b>Sl. No.</b>	<b>Particulars</b>	<b>Amount Lacs</b>
<b>1</b>	<b>2</b>	<b>3</b>
1	O & M expenses for one month excluding human resource expenses	29.705
2	Human resource expenses for one month	81.212
3	Receivables (2 months of SOC & MOC)	<b>242.167</b>
<b>4</b>	<b>Total Working Capital</b>	<b>353.083</b>
5	Rate of Interest	11.70%
<b>6</b>	<b>Interest on Working Capital</b>	<b>41.311</b>

10. Total ARR proposed for FY 2023-24 by SLDC is given in table – 4 below.

**Table – 4: ARR Proposed for FY 2023-24**

(in Rs. Lacs)

<b>Sl. No.</b>	<b>Particulars</b>	<b>Amount</b>
1	Return on Equity	0.000
2	Interest on Loan Capital	0.000
3	Depreciation	80.689
4.	O&M Expenses excluding human resource expenses	356.455
5.	Human Resource expenses	974.545
6.	Interest on Working Capital	41.311
	<b>Total expenses</b>	<b>1453.000</b>

**SLDC Assets:**

11. Most of the assets of SLDC along with sub-SLDC have been identified for transfer as per the direction of Hon'ble Commission.

**Determination of Annual Charges for SLDC:**

12. The Annual Charges for SLDC have been computed as per provision in Regulation 17, 18, 19, 20, 21 & 22 of OERC Regulation as detailed below:

Annual charges: Annual charges computed shall comprise of

a) **System Operation Charges (SOC)** i.e. 80% of Annual charge

**b) Market Operation Charges (MOC) i.e. 20% of Annual charge**

- **System Operation Charges (SOC)** shall be collected from the users in the following ratio
  - Intra State Transmission Licensee - 10% on the basis of Ckt-KMs
  - Generating Company & Seller - 45% on the basis of installed capacity
  - Distribution Licensee and Buyers - 45% on the basis of allocation
  
- **Market Operation Charges (MOC)** shall be collected from the users in the following ratio
  - Generating Company & Seller - 50% on the basis of installed capacity
  - Distribution Licensee and Buyers - 50% on the basis of allocation
  
- As per the proposed maintenance program, the installed capacity of OHPC stations has been considered as 1681 MW as per the availability projection made by OHPC considering the R&M programme. (attached as Annexure- II)
- For the purpose of determination of the above charges for CGPs, the maximum MW scheduled during April to October 2022 has been considered.
- In the absence of approved injection schedule for some of the CGPs during FY 2022-23 (up to October 2022), the approved schedule quantum for previous year has been considered.
- Further, it has been proposed by SLDC to collect SLDC charges from industries which are importing power through inter-state open access only for the month of their transaction basing on the maximum scheduled quantum.

**Table – 5: Abstract of Collection of SLDC Charges Proposed for FY 2023-24**

	<b>(in Rs. lacs)</b>
<b>Annual charges (AFC)</b>	<b>1453.000</b>
<b>System Operation Charges (SOC) (80% of the AFC)</b>	<b>1162.400</b>
Intra State Transmission Licensee @10% of SOC	116.240
Generating Station & Sellers @45% of SOC	523.080
Distribution Licensees & Buyers@45% of SOC	523.080

<b>Market Operation Charges (MOC) (20% of the AFC)</b>	<b>290.600</b>
Generating Station & Sellers @50% of MOC	145.300
Distribution Licensees & Buyers@50% of MOC	145.300

**Registration Fee:**

13. Besides the above charges, provision for collection of registration fee @ Rs1.00 lac from all users has been made as per OERC Regulation.

**Application Fee and Scheduling Charges:**

14. SLDC submits that application fee and scheduling charges shall be paid by the short term open access customers as per the OERC (Terms and Conditions of Intra-State Open Access) Regulations, 2020.

**Prayer**

15. Considering the submission made above, OPTCL prays before the Commission to approve the Annual Revenue Requirement of Rs. **1453.000 lacs** for FY 2023-24 towards State Load Dispatch Centre (SLDC) function separately and kindly allow recovering the same from the users.

**Proposed Levy and Collection of Fees and Charges by OPTCL for SLDC operation for FY 2023-**

**24**

**LEVY AND COLLECTION OF FEES & CHARGES (Rs. in Lacs)**

<b>Annual charges</b>	1453.000
Total Cost (Annual Fixed Cost)	<b>1453.000</b>
System Operation Charges (SOC) (80% of the AFC)	1162.400
Market Operation Charges (MOC) (20% of the AFC)	290.600
<b>System Operation Charges (SOC)</b>	<b>1162.400</b>
Intra State Transmission Licensee @10% of SOC	116.240
Generating Station & Sellers @45% of SOC	523.080
Distribution Licensees & Buyers@45% of SOC	523.080
<b>(a) Intra State Transmission Licensee (SOC per month)</b>	<b>9.687</b>
<b>(b) Generating Station &amp; Sellers @45% of SOC</b>	<b>523.080</b>

*(Rs. in Lacs)*

Sl. No.	Generating Company / Sellers	Installed Capacity (MW)	Total amount	Total amount
			(Annual)	(Monthly)
<b>A.</b>	<b>State Generating Station</b>			
1.	OHPC	1681.00	141.376	11.781
2.	OPGC Stage-I	420.00	35.323	2.944
3.	OPGC Stage-II	1320.00	111.015	9.251
<b>B.</b>	<b>Small Hydro &amp; Bio-mass</b>			
4.	OPCL (Small Hydro)	20.00	1682	0.140
5.	Meenakshi Power Ltd. (Small Hydro)	37.00	3112	0.259
6.	Shalivahana Green Energy Ltd	20.00	1682	0.140
7.	Baitarani Power Project Pvt. Ltd(Small Hydro)	24.00	2018	0.168
8.	Sri.Avantika Power Projects Private Limited Saptadhara SHEP	18.00	1514	0.126
9.	Kakatiya Industried Pvt. Ltd. Bargarh	9.00	0.757	0.063
<b>C.</b>	<b>IPP</b>			
10.	GMR, Kamalanga	350.00	29.436	2.453
11.	Vedanta Limited (IPP)	600.00	50.461	4.205
12.	NBVL (IPP)	60.00	5.046	0.421
<b>D.</b>	<b>CGPs</b>	<b>Maximum Scheduled (MW) (up to end of October-2020)</b>		

(Rs. in Lacs)

Sl. No.	Generating Company / Sellers	Installed Capacity (MW)	Total amount	Total amount
			(Annual)	(Monthly)
13.	Aarti Steel Ltd	50.00	4.205	0.350
14.	Aditya Aluminium Limited	30.00	2.523	0.210
15.	Aryan Ispat & Power Pvt. Ltd.	11.60	0.976	0.081
16.	Bhubaneswar Power Pvt. Ltd.	120.00	10.092	0.841
17.	Tata Steel BSL Limited, Meramundali	90.00	7.569	0.631
18.	ESSAR Power (Orissa) Ltd.	27.00	2.271	0.189
19.	FACOR Power Ltd.	30.36	2.553	0.213
20.	IMFA	45.87	3.858	0.321
21.	Jindal Stainless Limited, Duburi	24.00	2.018	0.168
22.	Jindal Steel & Power Ltd., Angul	269.44	22.661	1.888
23.	Maithan Ispat Ltd.Kalinganagar	12.00	1.009	0.084
24.	MGM Minerals Ltd.	4.50	0.378	0.032
25.	NALCO, Angul	37.00	3.112	0.259
26.	Narbheram Power & Steel (P) Ltd	2.00	0.168	0.014
27.	Nava Bharat Ventures Limited	55.00	4.626	0.385
28.	Dalmia Cement (Bharat) Ltd. [OCL], Rajgangpur	22.00	1.850	0.154
29.	Rungta Mines Ltd. DSP Dhenkanal	19.50	1.640	0.137
30.	Rungta Mines Ltd. SID, Karakolha	4.00	0.336	0.028
31.	Shree Ganesh Metalicks Limited	12.00	1.009	0.084
32.	SMC Power generation	18.00	1.514	0.126
33.	SMC Power generation Ltd(UNIT-II) Budhipadar	29.00	2.439	0.203
34.	Tata Steel Long Product Limited (TSIL)	19.00	1.598	0.133
35.	Vedanta Limited (Jharsuguda)	255.00	21.446	1.787
36.	Viraj Steel and Energy Pvt.Ltd	10.70	0.900	0.075
	<b>Solar Projects</b>	<b>Installed Capacity (MW)</b>		
37.	ACME, Odisha	25.00	2.103	0.175

(Rs. in Lacs)

Sl. No.	Generating Company / Sellers	Installed Capacity (MW)	Total amount	Total amount
			(Annual)	(Monthly)
38.	AFTAB Solar	5.00	0.421	0.035
39.	BEL SOLAR	7.50	0.631	0.053
40.	GEDCOL	23.00	1.934	0.161
41.	M/s Raajratna Energy Holdings Pvt.Ltd	1.00	0.084	0.007
42.	M/s. S. N. Mohanty	1.00	0.084	0.007
43.	MGM Green Energy Ltd.	1.00	0.084	0.007
44.	M/s Molisati Vinimay Pvt.Ltd.	1.00	0.084	0.007
45.	M/s Jay Iron and Steel Ltd.	1.00	0.084	0.007
46.	M/s Abacus Holdings Pvt. Ltd	1.00	0.084	0.007
47.	M/s Shri Mahavir Ferro Alloys Pvt. Ltd.	1.00	0.084	0.007
48.	M/s Vivacity Renewable Energy Pvt. Ltd.	1.00	0.084	0.007
49.	Alex Green Energy Ltd.	5.00	0.421	0.035
50.	M/s Jyoti Solar Solutions Pvt.Ltd.	10.00	0.841	0.070
51.	M/s Sadipali IBP solar Pvt.Ltd.	20.00	1.682	0.140
52.	M/s Dakshin Odisha Urja Pvt.Ltd.	40.00	3.364	0.280
53.	M/s Vento Power & Energy Ltd. KESHINGA1	40.00	3.364	0.280
54.	M/s Vento Power Pvt. Ltd. KESHINGA-2	40.00	3.364	0.280
55.	M/s Vento Power Infra Pvt.Ltd. TUSURA -1	40.00	3.364	0.280
56.	M/s Vento Energy Infra Pvt.Ltd. TUSURA-2	40.00	3.364	0.280
57.	M/s Vento Power Projects Pvt.Ltd. TENTULIKHUNT	40.00	3.364	0.280
58.	ABRL,Saintala	25.00	2.103	0.175
59.	ABRL, Bouda	25.00	2.103	0.175
60.	ABRL, Bargarh New	25.00	2.103	0.175
61.	MCL, Burla	2.00	0.168	0.014
62.	KCMW, A unit of Dalmia cement Bharat Ltd.Salepur	17.10	1.438	0.120
63.	J K PAPER, Theruvali	25.00	2.103	0.175
	<b>Total</b>	<b>6219.57</b>	<b>523.080</b>	<b>43.590</b>

*(Rs. in Lacs)*

Sl. No.	Generating Company / Sellers	Installed Capacity (MW)	Total amount	Total amount
			(Annual)	(Monthly)
(c)	Distribution Licensees & Buyers @45% of SOC		523.080	
		% share		
64.	TPCODL	33.08	173.035	14.420
65.	TPNODL	21.86	114.345	9.529
66.	TPWODL	31.37	164.090	13.674
67.	TPSODL	13.69	71.610	5.967
	<b>Total</b>	<b>100</b>	<b>523.080</b>	<b>43.590</b>

**Market Operation Charges (MOC) 290.600**  
**(a) Generating Company @50% of MOC 145.300**

(Rs. in Lacs)

Sl. No.	Generating Company / Sellers	Installed Capacity (MW)	Total amount	Total amount
			(Annual)	(Monthly)
<b>A</b>	<b>State Generating Station</b>			
1.	OHPC	1681.00	39.271	3.273
2.	OPGC Stage-I	420.00	9.812	0.818
3.	OPGC Stage-II	1320.00	30.837	2.570
<b>B</b>	<b>Small Hydro &amp; Bio-mass</b>			
4.	OPCL (Small Hydro)	20.00	0.467	0.039
5.	Meenakshi Power Ltd. (Small Hydro)	37.00	0.864	0.072
6.	Shalivahana Green Energy Ltd	20.00	0.467	0.039
7.	Baitarani Power Project Pvt. Ltd.(Small Hydro)	24.00	0.561	0.047
8.	Sri.Avantika Power Projects Private Limited Saptadhara SHEP	18.00	0.421	0.035
9.	Kakatiya Industried Pvt. Ltd. Bargarh	9.00	0.210	0.018
<b>C</b>	<b>IPP</b>			0.000
10.	GMR, Kamalanga	350.00	8.177	0.681
11.	Vedanta Limited (IPP)	600.00	14.017	1.168
12.	NBVL (IPP)	60.00	1.402	0.117
<b>D</b>	<b>CGPs</b>	<b>Maximum Scheduled (MW) (up to end of October-2020)</b>		
13.	Aarti Steel Ltd	50.00	1.168	0.097
14.	Aditya Aluminium Limited	30.00	0.701	0.058
15.	Aryan Ispat & Power Pvt. Ltd.	11.60	0.271	0.023
16.	Bhubaneshwar Power Pvt. Ltd.	120.00	2.803	0.234
17.	Tata Steel Limited, Meramundali	90.00	2.103	0.175
18.	AMNSIL, Paradeep	27.00	0.631	0.053
19.	FACOR Power Ltd.	30.36	0.709	0.059
20.	IMFA	45.87	1.072	0.089
21.	Jindal Stainless Limited, Duburi	24.00	0.561	0.047
22.	Jindal Steel & Power Ltd., Angul	269.44	6.295	0.525

(Rs. in Lacs)

Sl. No.	Generating Company / Sellers	Installed Capacity (MW)	Total amount	Total amount
			(Annual)	(Monthly)
23.	Maithan Ispat Ltd.Kalinganagar	12.00	0.280	0.023
24.	MGM Minerals Ltd.	4.50	0.105	0.009
25.	NALCO, Angul	37.00	0.864	0.072
26.	Narbheram Power & Steel (P) Ltd	2.00	0.047	0.004
27.	Nava Bharat Ventures Limited	55.00	1.285	0.107
28.	Dalmia Cement (Bharat) Ltd., Rajgangpur	22.00	0.514	0.043
29.	Rungta Mines Ltd. DSP Dhenkanal	19.50	0.456	0.038
30.	Rungta Mines Ltd. SID, Karakolha	4.00	0.093	0.008
31.	Shree Ganesh Metalicks Limited	12.00	0.280	0.023
32.	SMC Power generation	18.00	0.421	0.035
33.	SMC Power generation Ltd(UNIT-II) Budhipadar	29.00	0.677	0.056
34.	Tata Steel Long Product Limited (TSIL)	19.00	0.444	0.037
35.	Vedanta Limited (Jharsuguda)	255.00	5.957	0.496
36.	Viraj Steel and Energy Pvt.Ltd	10.70	0.250	0.021
	<b>Solar Projects</b>	<b>Installed Capacity (MW)</b>		
37.	ACME, Odisha	25.00	0.584	0.049
38.	AFTAB Solar	5.00	0.117	0.010
39.	BEL SOLAR	7.50	0.175	0.015
40.	GEDCOL	23.00	0.537	0.045
41.	M/s Raajratna Energy Holdings Pvt.Ltd	1.00	0.023	0.002
42.	M/s. S. N. Mohanty	1.00	0.023	0.002
43.	MGM Green Energy Ltd.	1.00	0.023	0.002
44.	M/s Molisati Vinimay Pvt.Ltd.	1.00	0.023	0.002
45.	M/s Jay Iron and Steel Ltd.	1.00	0.023	0.002
46.	M/s Abacus Holdings Pvt. Ltd	1.00	0.023	0.002
47.	M/s Shri Mahavir Ferro Alloys Pvt. Ltd.	1.00	0.023	0.002

(Rs. in Lacs)

Sl. No.	Generating Company / Sellers	Installed Capacity (MW)	Total amount	Total amount
			(Annual)	(Monthly)
48.	M/s Vivacity Renewable Energy Pvt. Ltd.	1.00	0.023	0.002
49.	Alex Green Energy Ltd.	5.00	0.117	0.010
50.	M/s Jyoti Solar Solutions Pvt.Ltd.	10.00	0.234	0.019
51.	M/s Sadipali IBP solar Pvt.Ltd.	20.00	0.467	0.039
52.	M/s Dakshin Odisha Urja Pvt.Ltd.	40.00	0.934	0.078
53.	M/s Vento Power & Energy Ltd. KESHINGA1	40.00	0.934	0.078
54.	M/s Vento Power Pvt. Ltd. KESHINGA-2	40.00	0.934	0.078
55.	M/s Vento Power Infra Pvt.Ltd. TUSURA -1	40.00	0.934	0.078
56.	M/s Vento Energy Infra Pvt.Ltd. TUSURA-2	40.00	0.934	0.078
57.	M/s Vento Power Projects Pvt.Ltd. TENTULIKHUNT	40.00	0.934	0.078
58.	ABRL,Saintala	25.00	0.584	0.049
59.	ABRL, Bouda	25.00	0.584	0.049
60.	ABRL, Bargarh New	25.00	0.584	0.049
61.	MCL, Burla	2.00	0.047	0.004
62.	KCMW, A unit of Dalmia cement Bharat Ltd, Salepur	17.10	0.399	0.033
63.	J K PAPER, Theruvali	25.00	0.584	0.049
	<b>Total</b>	<b>6219.57</b>	<b>145.300</b>	<b>12.108</b>
<b>(c)</b>	<b>Distribution Licensees &amp; Buyers @50% of MOC</b>			
		<b>% share</b>		
64.	TPCODL	33.08	48.065	4.005
65.	TPNODL	21.86	31.763	2.647
66.	TPWODL	31.37	45.581	3.798
67.	TPSODL	13.69	19.892	1.658
	<b>Total</b>	<b>100</b>	<b>145.300</b>	<b>12.108</b>

## ANNEXURE-I

### DETAILS OF CAPITAL EXPENDITURE APPROVED & STATUS

**TABLE-1**

*Approved vide OERC Order dated 23.03.2017 in Case No. 47 of 2016 and order dated 22.03.2018 in Case No. 78 of 2017*

*Fig in Lacs*

Sl. No.	Item	Quantity	Amount Approved	FY 2017-18	FY 2018-19	FY 2020-21	FY 2021-22	FY 2022-23	Expenditure Incurred	Remarks
1	Construction of New Building (excluding interiors) adjacent to the existing building at SLDC, Bhubaneswar for accommodation of staff (The detailed estimate furnished by IDCO is enclosed, 30% of estimated cost is to be paid to IDCO as advance to take up the work) Revised estimate for Rs. 34.35 Crores has been sent to OERC for approval.	LS	450.00	135.00	315.00				6.040	Expenditure for approving plan by BMC.
2	Procurement of computer & Peripherals for SLDC Data Centre	LS	222.00	222.00						*See Item 3, Table-2
3	Procurement of computer & Peripherals, Laptops along with MS Office for use at SLDC. (Desktop=12nos, Laptops=12 nos., Printer = 2 nos)	26 nos	18.50	18.50	-				17.037	Assets acquired
4	Procurement of computer tables for use at EASSC	10	1.02	1.02	-				1.018	Assets acquired
5	0.5 kVA UPS for office desktop PC	12	0.222	0.222	-				1.272	Assets acquired
	6.0 kVA UPS for EASSC	1	1.050	1.050	-					
6	Software for countering the cyber attacks	1	20.00	20.00	-					Not Procured
7	Colour Scanner	2 no.	0.20	0.20	-					Not Procured
8	Furnitures & Fixtures for use of office staffs	LS	5.00	5.00	-				4.995	Assets acquired
<b>TOTAL</b>			<b>717.99</b>	<b>402.99</b>	<b>315.00</b>				<b>30.36</b>	

**TABLE-2**

*Approved vide letter DIR (T)-351/08/1520 dated 27.10.2017*

*Fig in Lacs*

Sl. No.	Item	Quantity	Amount	FY 2017-18	FY 2018-19				Expenditure Incurred	Remarks
1	Remote Visual Display Unit for Machhakund	1	13.36573	13.36573	-				12.714	Assets acquired
2	Furnitures & Fixtures for use of office staffs	LS	6.05000	6.05000	-				5.580	* Assets acquired
3	Procurement of computer & Peripherals for SLDC Data Centre (Additional items)	LS	22.570060	22.570060					244.570	Assets acquired
4	Expansion of Visual Pojection System (VPS)	1	160.73000	160.73000					166.52900	Work completed. The AMC work order will to be awarded after expiry of 2 years warranty period i.e. January 2022
5	Upgradation of Visual Pojection System (VPS)	1	106.39000	106.39000						
<b>TOTAL</b>			<b>309.10579</b>	<b>309.10579</b>	<b>0.00</b>				<b>429.39</b>	

**TABLE-3**

*Approved vide letter No. DIR(T)-351/08/1288 dated 10.09.2019.*

1	Procurement & Installation of AC machines in SLDC control room	16 no.	12.00	-	-				8.50	Assets acquired during FY 2019-20
2	Procurement of computer and peripherals for SLDC control room & office	-	15.72	-	-				15.72	Assets acquired during FY 2019-20
<b>TOTAL</b>			<b>27.72</b>	<b>0.00</b>	<b>0.00</b>				<b>24.22</b>	

TABLE-4

Approved vide letter No. DIR(T)-351/08/1298 dated 16.11.2020.

1	Procurement & Installation of Firewall device at SLDC	01 no.	21.00	-	-				18.32	Assets acquired during FY 2021-22
<b>TOTAL</b>			<b>21.00</b>	<b>0.00</b>	<b>0.00</b>				<b>18.32</b>	

TABLE-5

Approved vide letter No. DIR(T)-351/08/12 dated 19.01.2021.

1	Procurement & Installation of Poly studio with expansion Microphone	01 no.	1.78	-	-				1.78	Assets acquired during FY 2021-22
2	Acer intel core i5 14 inch Laptop	12 nos.	7.19						7.19	Assets acquired during FY 2021-22
3	License renewal of Maintenance and Support (M&S) contract of PSS/E user licenses of SLDC	2 nos.	11.91						11.03	The PSS/E user licenses of SLDC have been renewed
4	Construction of New (G+5) Building with total built up area of 63559.2 Sq.ft.	01 no.	3435.16							The building plan submitted by the architect has been approved and the tendering work is under progress. Four bids have been received and under technical evaluation.
<b>TOTAL</b>			<b>3456.04</b>	<b>0.00</b>	<b>0.00</b>				<b>20.00</b>	

TABLE-6

Approved vide letter No. OERC/Engg.-11/2022/540 dated 20.05.2022 .

1	For implementation of Automatic Demand Management Scheme (ADMS) in the Odisha Power System	LS	53.00	-	-				24.55	Balance amount shall be expended after receipt of final installment of PSDF grant
<b>TOTAL</b>			<b>53.00</b>	<b>0.00</b>	<b>0.00</b>				<b>24.55</b>	

TABLE-7

Approved vide letter No. OERC/Engg.-1/2019/880 dated 24.08.2022 .

1	For implementation of SAMAST including consultancy service charges	LS	2266.00	-	-					Tendering work for consultancy service is under progress.
<b>TOTAL</b>			<b>2266.00</b>	<b>0.00</b>	<b>0.00</b>				<b>0.00</b>	

Computation of Installed Capacity of OHPC Stations for FY 2023-24

Annexure – II



ଓଡ଼ିଶା ଜଳ ବିଦ୍ୟୁତ୍ ନିଗମ ଲିମିଟେଡ୍  
(ଓଡ଼ିଶା ସରକାରଙ୍କ ଏକ ଉପକ୍ରମ)



ISO: 9001,14001  
15001 Certified

ଓଡ଼ିଶା ରାଜ୍ୟ ଆରକ୍ଷା ବୃତ୍ତିନିର୍ମାଣ ଏବଂ ସମାଜସେବକ ନିଗମ ଭବନ, ଦାଶାଦିଆର ଛକ, ଭନପଡ଼ା, ଭୁବନେଶ୍ୱର-୭୨  
ଫୋନ : ୯୯-୦୬୭୪-୨୫୪୨୯୮୩, ୨୫୪୨୮୦୨, ୨୫୪୫୫୨୬, ୨୫୪୨୮୨୬, ଫାକ୍ସ : ୨୫୪୨୯୦୨

**ODISHA HYDRO POWER CORPORATION LTD.**

( A GOVT. OF ODISHA UNDERTAKING )

CIN : U40101OR1995SGC003963

REGD. OFFICE : ODISHA STATE POLICE HOUSING & WELFARE CORPORATION BUILDING, VANNIHAR CHOUK, JANPATH, BHUBANESWAR-751 022

PHONE : +91-674-2542983, 2542802, 2545526, 2542826. FAX : 2542192

E-mail : ohpc.co@gmail.com / info@ohpcpltd.com, Website : www.ohpcpltd.com

By Fax/E-mail

No: OHPC/HQ/TECH/SLDC/ BILL-21/ 2022-23 <sup>(W.E)</sup> 772 Dt. 2.11.22 To

To The Director / Chief Load Despatcher,  
SLDC, OPTCL,  
P.O. Mancheswar Railway Colony,  
Bhubaneswar-17.

Sub: Average Available Capacity of OHPC Power Stations for the FY 2023-24 for computation & sharing of SoC & MoC by OHPC - Regarding.

Ref: Letter No. 2460 dated 26.10.2022 of the Chief Load Despatcher, SLDC, OPTCL.

Sir,

With reference to above captioned subject, the tentative daily average MW availability from OHPC Power Stations during the FY 2023-24 is furnished in the table below for sharing of SLDC Charges (SoC & MoC) by OHPC / GRIDCO.

Tentative daily average MW availability from OHPC Power Stations during the FY 2023-24

Power Station	Generating Units	Installed Capacity (MW)	Nature of Shutdown	Shot Down Period		Days Unavailable	Days Available	Per Day Average MW Availability	
				From	To				
BHEP	#1	60	Annual Maintenance	02.06.2023	03.07.2023	32	334	55	
	#2	60	Available	-	-	0	366	60	
	#3	60	Renovation & Modernization	01.08.2022	07.01.2024	282	84	14	
	#4	60	Renovation & Modernization	01.08.2022	07.01.2024	282	84	14	
	#5	60	Annual Maintenance	16.10.2023	14.11.2023	30	336	55	
	#6	60	Annual Maintenance	01.09.2023	30.09.2023	30	336	55	
	#7	75	Available			0	366	75	
	#8	75	Available			0	366	75	
Sub Total		510	Per Day Average MW Availability of BHEP						403

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Continuing...

HHEP	#1	49.5	Annual Maintenance	01.05.2023	31.05.2023	31	335	45	
	#2	49.5	Annual Maintenance	01.04.2023	30.04.2023	30	336	45	
	#3	32	Annual Maintenance	01.01.2024	31.01.2024	31	335	29	
	#4	32	Annual Maintenance	01.12.2023	31.12.2023	31	335	29	
	#5	43.65	Annual Maintenance	01.03.2024	31.03.2024	31	335	40	
	#6	43.65	Annual Maintenance	01.02.2024	29.02.2024	29	337	40	
	#7	37.5	Annual Maintenance	01.11.2024	30.11.2024	30	336	34	
Sub-Total		287.80	Per Day Average MW Availability of HHEP					262	
CHEP	#1	24	Capital Maintenance	15.05.2023	30.11.2023	200	166	11	
	#2	24	Annual Maintenance	15.12.2023	14.01.2024	31	335	22	
	#3	24	Annual Maintenance	15.02.2024	14.03.2024	29	337	22	
Sub-Total		72	Per Day Average MW Availability of CHEP					55	
RHEP	#1	50	Annual Maintenance	01.01.2024	31.01.2024	31	335	46	
	#2	50	Annual Maintenance	01.12.2023	31.12.2023	31	335	46	
	#3	50	Available	-	-	0	366	50	
	#4	50	Annual Maintenance	01.02.2024	29.02.2024	29	337	46	
	#5	50	Annual Maintenance	01.04.2023	30.04.2023	30	336	46	
Sub-Total		250	Per Day Average MW Availability of RHEP					234	
JKHEP	#1	80	Annual Maintenance	01.05.2023	31.05.2023	31	335	73	
	#2	80	Capital Maintenance	01.10.2023	31.03.2024	183	183	40	
	#3	80	Annual Maintenance	01.09.2023	30.09.2023	30	336	73	
	#4	80	Annual Maintenance	01.06.2023	30.06.2023	30	336	73	
Sub-Total		320	Per Day Average MW Availability of UKHEP					259	

*Sum* Continuing....

UIHEP	#1	150	Annual Maintenance	01.12.2023	31.12.2023	31	335	137
	#2	150	Capital Maintenance	01.06.2023	28.11.2023	181	185	76
	#3	150	Annual Maintenance	10.06.2023	09.07.2023	30	336	138
	#4	150	Capital Maintenance	12.11.2022	20.06.2023	81	285	117
Sub-Total		600	Per Day Average MW Availability of UIHEP					468
Gross Total OHPC		2039.8	Per Day Average MW Availability of OHPC					1681

In view of the above the proposed available MW capacity of OHPC power stations may be considered as **1681 MW** during the FY 2023-24 for calculation & sharing of SLDC Charges (SoC & MoC) by OHPC.

Yours faithfully,

*[Signature]*  
 Director (Operation)  
 OHPC Ltd, BBSR

- CC: 1) Secretary, OERC, Bidyut Niyamak Bhawan, Plot No.4, Chunukoli, Sailashree Vihar, Bhubaneswar-21 for kind information.  
 2) MD, OHPC Ltd. for kind information.  
 3) CGM (PP), GRIDCO, Bhubaneswar for information & necessary action.  
 4) Director (Finance), OHPC Ltd. for information.