

TARIFF FILING FORMS  
OPGC- IB TPS UNIT 3 & 4  
FOR TRUING UP FOR FY 2019-20 TO FY 2023-24



**Checklist of Forms and other information/ documents for tariff filing for FY 2019-20 to FY 2023-24**

**Name of Petitioner: Odisha Power Generation Corporation Limited**

**Name of the Generating Station: IB TPS Units 3 & 4**

Form No.	Title of Tariff Filing Forms (Thermal)	Tick
FORM-1	Summary of Tariff	✓
FORM-1(I)	Statement showing claimed capital cost	✓
FORM-1(II)	Statement showing Return on Equity	✓
FORM-2	Plant Characteristics	✓
FORM-3	Normative parameters considered for tariff computations	✓
FORM-4	Details of Foreign loans	NA
FORM-4A	Details of Foreign Equity	NA
FORM-5	Abstract of Admitted Capital Cost for the existing Projects	✓
FORM-6	Financial Package upto COD	NA
FORM-7	Details of Project Specific Loans	✓
FORM-8	Details of Allocation of corporate loans to various projects	NA
FORM-9	Statement of Additional Capitalisation after COD	✓
FORM-10	Financing of Additional Capitalisation	✓
FORM-11	Calculation of Depreciation on original project cost	NA
FORM-12	Statement of Depreciation	✓
FORM-13	Calculation of Weighted Average Rate of Interest on Actual Loans	✓
FORM-14	Draw Down Schedule for Calculation of IDC & Financing Charges	NA
FORM-15(C)	Details of Fuel for Computation of Energy Charges (Coal)	✓
FORM-15(O)	Details of Fuel for Computation of Energy Charges (Oil)	✓
FORM-16	Details of Limestone for Computation of Energy Charge Rate	NA
FORM-17	Details of Capital Spares	✓
FORM-18	Non Tariff Income	✓
FORM-19	Details of Water Charges	✓
FORM-20	Details of Statutory Charges	✓
	O&M Expenses	✓
	Energy Charges for Thermal Generation	✓
	Debt and Equity	NA
	GSHR	NA

(Petitioner)

*Pranesh Kumar Satapathy*



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**PART-I**

**List of Supporting Forms / documents for tariff filing for Thermal Stations**

Name of Petitioner: Odisha Power Generation Corporation Limited

Name of the Generating Station: IB TPS Units 3 & 4

Form No.	Title of Tariff Filing Forms (Thermal)	Tick
		NA
FORM-A	Abstract of Capital Cost Estimates	NA
FORM-B	Break-up of Capital Cost for Coal/Lignite based projects	NA
FORM-C	Break-up of Capital Cost for Gas/Liquid fuel based Projects	NA
FORM-D	Break-up of Construction/Supply/Service packages	NA
FORM-E	Details of variables , parameters , optional package etc. for New Project	NA
FORM-F	Details of cost over run	NA
FORM-G	Details of time over run	NA
FORM -H	Statement of Additional Capitalisation during end of the useful life	NA
FORM -I	Details of Assets De-capitalised during the period	✓
FORM -J	Reconciliation of Capitalisation claimed vis-à-vis books of accounts	NA
FORM -K	Statement showing details of items/assets/works claimed under Exclusions	NA
FORM-L	Statement of Capital cost	NA
FORM-M	Statement of Capital Woks in Progress	NA
FORM-N	Calculation of Interest on Normative Loan	✓
FORM-O	Calculation of Interest on Working Capital	✓
FORM-P	Incidental Expenditure up to SCOD and up to Actual COD	NA
FORM-Q	Expenditure under different packages up to SCOD and up to Actual COD	NA
FORM-R	Actual cash expenditure	NA
FORM-S	Statement of Liability flow	NA
FORM-T	Summary of issues involved in the petition	NA

(Petitioner)

*Pranesh Kumar Satapathy*



Summary of Tariff										FORM-1	
Name of the Petitioner : Odisha Power Generation Corporation Limited											
Name of the Generating Station: IB TPS Units 3 & 4											
S.No.	Particulars	Unit	FY 2019-20				Total	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
			03-Jul-19 20-Aug-19	21-Aug-19 31-Mar-20	4	5					
1	2		3	4	5	6	7	8	9		
1	Annual Fixed Cost										
1.1	Depreciation	Rs. Cr	23.67	270.96	294.63	447.53	486.87	527.12	533.47		
1.2	Interest on Term Loans & Fin. Charges	Rs. Cr	36.22	414.01	450.22	650.49	635.68	602.49	542.69		
1.3	Return on Equity	Rs. Cr	18.80	208.29	227.09	300.95	331.11	362.40	368.62		
1.4	Interest on Working Capital Loans	Rs. Cr	3.08	30.32	33.40	64.37	59.87	64.60	72.58		
1.5	O & M Expenses	Rs. Cr	16.24	148.49	164.73	308.39	320.24	331.95	344.63		
1.6	Tax on Income	Rs. Cr	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
1.7	Less: Non Tariff Income	Rs. Cr	0.00	0.00	0.00	0.00	0.09	0.00	0.00		
	Annual Fixed Cost	Rs. Cr	98.01	1072.06	1170.07	1771.73	1833.68	1888.56	1861.99		
	GRIDCO Share in AFC		75%	75%	75%	75%	75%	75%	100%		
2.1	Landed Coal Cost	Rs/MT	1,785	1,787		1,688	1,646	1,993	1,987		
2.2	Landed Oil Cost	Rs/kL	48,609	45,078		52,988	52,989	52,379	63,363		
	Energy Charge Rate	Paise/kWh	134.50	138.33	137.95	129.36	124.39	140.76	134.39		
	Other Charges	Rs. Cr			11.96	23.28	27.69	26.54	34.34		

Attarath Kumar Saha (Petitioner)



Statement showing claimed capital cost (A+B)						
Name of the Petitioner : Odisha Power Generation Corporation Limited						FORM-1(I)
Name of the Generating Station: IB TPS Units 3 & 4						(Rs. In Crore)

S.No.	Particulars	FY 2019-20		FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
		03-Jul-19	21-Aug-19				
		20-Aug-19	31-Mar-20				
1	Opening capital cost	3411.23	8596.20	8596.20	8821.40	10309.36	10546.92
2	Add: Addition during the year/period	0.00	0.00	225.20	1489.23	237.56	23.04
3	Less: Decapitalisation during the year/Period	0.00	0.00	0.00	1.27	0.00	0.24
4	Less: Reversal during the year/period						
5	Add: Discharges during the Year/period						
6	Closing capital cost	3411.23	8596.20	8821.40	10309.36	10546.92	10569.72
7	Average Capital Cost	3411.23	8596.20	8708.80	9565.38	10428.14	10558.32

Statement showing claimed capital cost eligible for RoE at Normal Rate(A)							
S.No.	Particulars	FY 2019-20		FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
		03-Jul-19	21-Aug-19				
		20-Aug-19	31-Mar-20				
1	Opening capital cost	3411.23	8596.20	8596.20	8821.40	10309.36	10518.23
2	Add: Addition during the year/period	0.00	0.00	225.20	1489.23	208.87	0.00
3	Less: Decapitalisation during the year/Period	0.00	0.00	0.00	1.27	0.00	0.24
4	Less: Reversal during the year/period						
5	Add: Discharges during the Year/period						
6	Closing capital cost	3411.23	8596.20	8821.40	10309.36	10518.23	10517.99
7	Average Capital Cost	3411.23	8596.20	8708.80	9565.38	10413.79	10518.11

Statement showing claimed capital cost eligible for RoE at Weighted Average rate of Interest on actual loan portfolio (B)							
S.No.	Particulars	FY 2019-20		FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
		03-Jul-19	21-Aug-19				
		20-Aug-19	31-Mar-20				
1	Opening capital cost	0.00	0.00	0.00	0.00	0.00	28.69
2	Add: Addition during the year/period	0.00	0.00	0.00	0.00	28.69	23.04
3	Less: Decapitalisation during the year/Period	0.00	0.00	0.00	0.00	0.00	0.00
4	Less: Reversal during the year/period						
5	Add: Discharges during the Year/period						
6	Closing capital cost	0.00	0.00	0.00	0.00	28.69	51.73
7	Average Capital Cost	0.00	0.00	0.00	0.00	14.35	40.21

(Petitioner)

*Pranav Kumar Satapathy*



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## Statement showing Return on Equity (at Normal Rate) on Assets within the Original Scope

FORM-I(IIA)

Name of the Petitioner: Odisha Power Generation Corporation Limited

Name of the Generating Station: IB TPS Units 3 &amp; 4

(Rs. in Crore)

Sl. No	Particulars	FY 2019-20			FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
		03-Jul-19	21-Aug-19	Total				
		20-Aug-19	31-Mar-20					
		49	224					
1	2	3	4	5	6	7	8	9
	<b>Return on Equity</b>							
1	Gross Opening Equity (Normal)	875.41						
2	Less: Adjustment in Opening Equity	0.00						
3	Adjustment during the year	0.00						
4	Net Opening Equity	875.41	2121.22		2121.22	2178.08	2552.02	2606.91
5	Add: Increase in Equity due to addition during the year/period	0.00	0.00		56.86	374.24	54.89	0.00
6	Less: Decrease due to De-Capitalisation during the Year/period	0.00	0.00		0.00	0.30	0.00	0.06
7	Less: Decrease due to Reversal during the year/period	0.00	0.00		0.00	0.00	0.00	0.00
8	Add: Decrease due to Discharges during the Year/period	0.00	0.00		0.00	0.00	0.00	0.00
9	Net Closing Equity (Normal)	875.41	2121.22		2178.08	2552.02	2606.91	2606.85
10	Average Equity (Normal)	875.41	2121.22		2149.65	2365.05	2579.47	2606.88
11	Rate of Return on Equity	16.00%	16.00%	0.00%	14.00%	14.00%	14.00%	14.00%
12	Return on Equity	18.80	208.29	227.09	300.95	331.11	361.13	364.96

(Petitioner)

*Pranesh Kumar Satapathy*



Statement showing Return on Equity on Assets beyond the Original Scope excluding Add Cap due to Change in Law

FORM-I(IIB)

Name of the Petitioner: Odisha Power Generation Corporation Limited

Name of the Generating Station: IB TPS Units 3 & 4

(Rs. in Crore)

Sl. No	Particulars	FY 2019-20			FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
		03-Jul-19	21-Aug-19	Total				
		20-Aug-19	31-Mar-20					
		49	224					
1	2	3	4	5	6	7	8	9
<b>Return on Equity on Assets beyond the Original Scope excluding Add Cap due to Change in Law</b>								
1	Gross Opening Equity (Normal)	0.00						
2	Less: Adjustment in Opening Equity	0.00						
3	Adjustment during the year	0.00						
4	Net Opening Equity	0.00	0.00		0.00	0.00	0.00	28.69
5	Add: Increase in Equity due to Addition during the year	0.00	0.00		0.00	0.00	28.69	23.04
6	Less: Decrease due to De-Capitalisation during the Year/period	0.00	0.00		0.00	0.00	0.00	0.00
7	Less: Decrease due to Reversal during the year/period							
8	Add: Decrease due to Discharges during the Year/period							
9	Net Closing Equity	0.00	0.00		0.00	0.00	28.69	51.73
10	Average Equity	0.00	0.00		0.00	0.00	14.35	40.21
11	Rate of Return on Equity	16.00%	16.00%		10.76%	10.22%	8.90%	9.09%
12	Return on Equity	0.00	0.00	0.00	0.00	0.00	1.28	3.65

(Petitioner)

*Spencer Kumar Satapathy*



Name of the Petitioner : Odisha Power Generation Corporation Limited		Plant Characteristics	
Name of the Generating Station: IB TPS Units 3 & 4		PART -1 FORM-2	
Basic characteristics of the plant <sup>1</sup>	Coal Based Thermal Power Plant (conventional steam generator)		
Site Specific Features <sup>2</sup>	Special Features of the Plant		
Special Technological Features <sup>3</sup>	MGR system for coal transportation, Ash Pond for ash disposal through HCSD system for FA and lean slurry for BA, Ash Pipe lines for 12 KM to the ash pond away from plant.		
Environmental Regulation related features <sup>4</sup>	Supercritical Technology		
Any other special features	ESP with 10 electrical fields, zero liquid effluent based plant with RO for waste water recovery system, Disposal of FA by HCSD system.		
Fuel Details <sup>5</sup>	Primary Fuel	HFO/ HSD & LDO	Secondary Fuel
	COAL		
Details	Module number or Unit number		
1	2	3	
	Unit # 3	Unit # 4	
	660	660	
Installed Capacity (IC) MW			
Date of Commercial Operation (COD)			
Type of cooling system <sup>6</sup>	Closed circuit cooling system (IDCT)		
Type of Boiler Feed Pump <sup>7</sup>	2X50% steam turbine driven BFP and 1X35% motor driven BFP		
Pressure (kg/cm <sup>2</sup> )	247 ata	247 ata	
Temperature 0C			
-At Superheater Outlet	565 degC	565 degC	
-At Reheater Outlet	593 degC	593 degC	
Guaranteed Design Heat rate (kCal/kWh)	2078	2078	
Conditions on which guaranteed			
% MCR	100	100	
% Makeup	0	0	
Design Fuel	Yes	Yes	
Design cooling water Temperature, 0C	33	33	
Back Pressure	0.1015	0.1015	

(Petitioner)

*Spencer Kumar Saha*





Normative parameters considered for tariff computations

Name of the Petitioner : Odisha Power Generation Corporation Limited

PART I  
FORM-3

Name of the Generating Station: IB TPS Units 3 & 4

(Year Ending March)

Particulars	Unit	Existing 2018-19	03-07-2019	21-08-2019	Total	2020-21	2021-22	2022-23	2023-24
			20-08-2019	31-03-2020		7	8	7	8
1	2	3	4	5	6	7	8	7	8
Base Rate of Return on Equity	%		16.00%	16.00%		14.00%	14.00%	14.00%	14.00%
Base Rate of Return on Equity on Add. Capitalization(Beyond Original Scope)	%		16.00%	16.00%		10.76%	10.22%	8.90%	9.09%
Effective Tax Rate <sup>1</sup>	%								
Target Availability	%								
In High Demand Season	%								
Peak Hours	%		85.00%	85.00%		85.00%	85.00%	85.00%	85.00%
Off-Peak Hours	%		85.00%	85.00%		85.00%	85.00%	85.00%	85.00%
In Low Demand Season(Off-Peak)	%								
Peak Hours	%		85.00%	85.00%		85.00%	85.00%	85.00%	85.00%
Off-Peak Hours	%		85.00%	85.00%		85.00%	85.00%	85.00%	85.00%
Auxiliary Energy Consumption	%		3.75%	5.75%		6.25%	6.25%	6.25%	6.25%
Gross Station Heat Rate	kCal/kWh		2171.51	2171.51		2181.90	2181.90	2181.90	2181.90
Specific Fuel Oil Consumption	ml/kWh		0.5	0.5		0.5	0.5	0.5	0.5
Cost of Coal/Lignite for WC	in Months		1	1		1.5	1.5	1.5	1.5
Cost of Main Secondary Fuel Oil for WC	in Months		1	1		1	1	1	1
Fuel Cost for WC	in Months		1	1		1	1	1	1
Liquid Fuel Stock for WC	in Months								
O&M Expenses	Rs lakh / MW		18.38	18.38		20.97	21.71	22.47	23.26
Maintenance Spares for WC	% of O&M		20.00%	20.00%		20.00%	20.00%	20.00%	20.00%
Receivables for WC	in Months		1	1		1.5	1.5	1.5	1.5
Storage capacity of Primary fuel	MT								
SBI 1 Year MCLR plus 300 basis point <sup>3</sup>	%		11.55%	11.55%		10.75%	10.00%	10.00%	11.50%
Blending ratio of domestic coal/imported coal									

Note: 1). For Coal based/lignite based generating stations

2). For Gas Turbine/Combined Cycle generating stations duly taking into account the mode of operation on gas fuel and liquid fuel

3. Mention relevant date. Effective tax rate is to be computed in accordance with Regulation 31 i.e. actual tax (or advance tax)/gross income, where gross income refers the profit before tax.

(Petitioner)

*Apurva Kumar Satapathy*



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

**PART I  
FORM-5**

Name of the Petitioner : Odisha Power Generation Corporation Limited

Name of the Generating Station: IB TPS Units 3 & 4

Last date of order of Commission for the project	Date (DD-MM-YYYY)	07-01-2023
Reference of petition no. in which the above order was passed	Petition no.	96/2021
Following details (whether admitted and /or considered) as on the last date of the period for which tariff is approved, in the above order by the Commission:		
Capital cost (As on CoD)	(Rs. in Crore)*	8,596.19
Amount of un-discharged liabilities included in above (& forming part of admitted capital cost)		324.55
Amount of un-discharged liabilities corresponding to above admitted capital cost (but not forming part of admitted capital cost being allowed on cash basis)		
Gross Normative Debt		6,474.98
Cumulative Repayment		-
Net Normative Debt		6,474.98
Normative Equity		2,121.22
Cumulative Depreciation		23.66
Freehold land		NA

(Petitioner)

*Hanvesh Kumar Satapathy*



**Details of Project Specific Loans**

Name of the Petitioner : Odisha Power Generation Corporation Limited

PART I  
FORM-7

Name of the Generating Station: IB TPS Units 3 & 4

(Rs. in Crore)

Sl. No	Particulars	Package 1 (Loan-1)	Package 2 (Loan-2)	Package 3 (Loan-3)
	Source of Loan	Power Finance Corporation Ltd	REC Limited	Indian Bank
	Currency	INR	INR	INR
	Amount of Loan sanctioned	4,181.25	4,181.25	1,000.00
	Amount of Gross Loan drawn upto COD	3,648.79	3,619.58	-
	Interest type (Floating/Fixed)	Floating*	Floating*	Floating*
	Fixed Interest rate, if applicable	NA	NA	NA
	Base Rate, if Floating interest	As per Rate Notified	As per Rate Notified	As per Rate Notified
	Margin, if Floating interest	As per discount offered from to time	As per discount offered from to time	As per discount offered from to time
	Are there any Caps/Floor (Yes/No)	Yes	Yes	Yes
	If above is yes, specify caps/floor	Varies based on change in card rate and discount offered time to time	Varies based on change in card rate and discount offered time to time	Varies based on change in card rate and discount offered time to time
	Moratorium period	6 months from Scheduled COD	6 months from Scheduled COD	
	Moratorium effective from	31.01.2020	31.01.2020	
	Repayment period	Unequal quarterly Instalments as per amortisation Schedule	Equal quarterly instalments	Equal quarterly instalments
	Repayment effective from	15.07.2020	30.09.2020	31.03.2023
	Repayment frequency	Quarterly	Quarterly	Quarterly
	Repayment instalment	60 Quarters	60 Quarters	60 Quarters

\*Interest rate as applicable on the date of disbursement and reset in 3 years

(Petitioner)

*Harish Kumar Satapathy*



**Statement of Additional Capitalisation after COD**

Name of the Petitioner : Odisha Power Generation Corporation Limited

PART-1  
FORM-9

Name of the Generating Station: IB TPS Units 3 & 4

Sl.No.	Year	Work/Equipment added after COD up to Cut off Date / Beyond Cut off Date <sup>1</sup>	Amount Capitalised / Proposed to be capitalised	Regulations under which Claimed	Justification	Cost in Rs. Crores	
						(4)	(5)
1	FY 2019-20		0.00	3.3 (b)	Works within the original scope of work		
2	FY 2020-21	Works within the original scope of work	225.20	12 (1) (b)			
3	FY 2021-22	Works within the original scope of work	1489.23	12 (1) (b)			
4	FY 2022-23	Works within the original scope of work	208.87	12 (1) (b)			
		Works beyond the original scope of work	28.69	12 (4) (d) 12 (3) (d) 12 (2) (c)	Works beyond the original scope of work		
		<b>Sub-total</b>	<b>237.56</b>				
5	FY 2023-24	Works beyond the original scope of work	23.04	12 (4) (d) 12 (3) (d) 12 (2) (c) 12 (3) (c) 12 (2) (f)	Works beyond the original scope of work		
6		<b>Grand total</b>	<b>1975.03</b>				

(Petitioner)



*Apurva Kumar Sotapany*

**Financing of Additional Capitalisation**

Name of the Petitioner : Odisha Power Generation Corporation Limited

FORM-10

Name of the Generating Station: IB TPS Units 3 & 4

Cost in Rs. Crores

Financial Year (Starting from COD) <sup>1</sup>	FY 2019-20	FY 2021-22	FY 2021-22	FY 2022-23 (till Cut off)	FY 2022-23 (after Cut off)	FY 2023-24
1	2	3	4	5	6	7
Amount capitalised in Work/ Equipment	0.00	225.20	1489.23	208.87	28.69	23.04
<b>Financing Details</b>						
Loan-1						
Loan-2						
Loan-3 and so on						
<b>Total Loan<sup>2</sup></b>	<b>0.00</b>	<b>168.34</b>	<b>1114.98</b>	<b>153.98</b>	<b>0.00</b>	<b>0.00</b>
<b>Equity</b>						
Internal Resources	0.00	56.86	374.24	54.89	28.69	23.04
Others (Pl. specify)						
<b>Total</b>	<b>0.00</b>	<b>225.20</b>	<b>1489.23</b>	<b>208.87</b>	<b>28.69</b>	<b>23.04</b>

Note:

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

(Petitioner)

*Hareesh Kumar Satapathy*





**Calculation of Weighted Average Rate of Interest on Actual Loans**

Name of the Petitioner: Odisha Power Generation Corporation Limited

**PART-1  
FORM-13**

Name of the Generating Station: IB TPS Units 3 & 4

(Rs. in Crore)

Sl. No	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
<b>A</b>	<b>Power Finance Corporation Limited</b>					
1	Gross loan - Opening	3,433.07	3,745.67	3,786.33	3,871.98	3,892.92
2	Cumulative repayments of Loans upto previous year	-	-	188.47	398.68	611.82
3	Net loan - Opening	3,433.07	3,745.67	3,597.86	3,473.30	3,281.10
4	Receipts during the year	312.60	40.66	85.65	20.94	5.14
5	Repayment during the year	-	188.47	210.21	213.14	214.51
6	Net loan - Closing	3,745.67	3,597.86	3,473.30	3,281.10	3,071.73
7	Average Net Loan	3,589.37	3,671.77	3,535.58	3,377.20	3,176.41
8	Rate of Interest on Loan	10.61	10.76	9.98	8.95	9.22
9	Interest on loan	385.14	394.15	351.53	299.58	291.50
10	Add : Finance Charges	0.11	0.11	0.11	0.09	0.13
11	Less: Interest During Construction	156.72	54.72	23.18	0.78	-
<b>B</b>	<b>REC Limited</b>					
1	Gross loan - Opening	3,453.44	3,811.54	3,852.20	3,865.75	3,865.75
2	Cumulative repayments of Loans upto previous year [Note-1]	-	-	191.78	449.38	1,668.29
3	Net loan - Opening	3,453.44	3,811.54	3,660.42	3,416.38	2,197.47
4	Receipts during the year	358.10	40.66	13.55	-	15.60
5	Repayment during the year	-	191.78	257.60	1,218.91	179.90
6	Net loan - Closing [Note-1]	3,811.54	3,660.42	3,416.38	2,197.47	2,033.17
7	Average Net Loan	3,632.49	3,735.98	3,538.40	2,806.92	2,115.32
8	Rate of Interest on Loan	10.61	10.68	10.43	8.96	9.14
9	Interest on loan	388.02	403.27	371.73	274.58	195.69
10	Add : Finance Charges	0.11	0.11	0.11	0.09	0.11
11	Less: Interest During Construction	157.44	56.27	24.91	0.80	-
<b>C</b>	<b>Indian Bank</b>					
1	Gross loan - Opening	-	-	-	-	1,000.00
2	Cumulative repayments of Loans upto previous year	-	-	-	-	20.00
3	Net loan - Opening	-	-	-	-	980.00
4	Receipts during the year	-	-	-	1,000.00	-
5	Repayment during the year	-	-	-	20.00	80.00
6	Net loan - Closing	-	-	-	980.00	900.00
7	Average Net Loan	-	-	-	490.00	940.00
8	Rate of Interest on Loan	-	-	-	7.75	8.30
9	Interest on loan	-	-	-	19.54	79.03
10	Add : Finance Charges	-	-	-	36.58	-
11	Less: Interest During Construction	-	-	-	-	-
	<b>Total Loan</b>					
1	Gross loan - Opening	6,886.51	7,557.21	7,638.53	7,737.73	8,758.67
2	Cumulative repayments of Loans upto previous year	-	-	380.25	848.05	2,300.10
3	Net loan - Opening	6,886.51	7,557.21	7,258.28	6,889.68	6,458.57
4	Receipts during the year	670.70	81.32	99.20	1,020.94	20.74
5	Repayment during the year	-	380.25	467.80	1,452.05	474.41
6	Net loan - Closing	7,557.21	7,258.28	6,889.68	6,458.57	6,004.89
7	Average Net Loan	7,221.86	7,407.75	7,073.98	6,674.12	6,231.73
8	Rate of Interest on Loan	10.71%	10.76%	10.22%	8.90%	9.09%
9	Interest on loan	773.16	797.42	723.26	593.70	566.22
10	Add : Finance Charges	0.22	0.22	0.22	36.76	0.24
11	Less: Interest During Construction	314.16	110.99	48.09	1.58	-

(Petitioner)

*Hareesh Kumar Satapathy*



**Details of Fuel for Computation of Energy Charges (COAL)**

FORM-15 (C)

Name of the Petitioner : Odisha Power Generation Corporation Limited

Name of the Generating Station: IB TPS Units 3 & 4

S.No	Month	Unit	Apr-19				May-19				Jun-19				Jul-19									
			Domestic coal				Domestic coal				Domestic coal				Domestic coal									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
	Quantity of coal in stock at the beginning of the month	(MT)	245370	397717	397717	397717																		
	Quantity of Coal supplied by Coal Company	(MT)	152347	0	0	0																		
	Adjustment (+/-) in quantity supplied made by Coal Company for diversion of wagons etc.	(MT)	0	0	0	0																		
	Coal supplied by Coal Company (2+3)	(MT)	152347	0	0	0																		
	Normative Transit & Handling Losses (For coal based Projects)	(MT)	305	0	0	0																		
	Net coal Supplied (4-5)	(MT)	152043	0	0	0																		
	Total coal (Receipts & Opening Stock) (1)+(6)	(MT)	397413	397717	397717	397717																		
	coal burnt/consumed	(MT)	0	0	0	0																		
	Coal in stock at the end of the month	(MT)	397717	397717	397717	397717																		
	Value of coal in stock (Landed cost of 1)	(Rs.)	444541094	708597642	708597642	708597642																		
	Amount charged by the Coal Company	(Rs.)	264056548	0	0	0																		
	Adjustment (+/-) in amount charged made by Coal Company	(Rs.)	0	0	0	0																		
	Handling, Sampling and Other Charges	(Rs.)	790988	0	0	0																		
	Total amount Charged (11+12+13)	(Rs.)	264847536	0	0	0																		
	Transportation charges by rail	(Rs.)	0	0	0	0																		
	Adjustment (+/-) in amount charged made by Railways/Transport Company	(Rs.)	0	0	0	0																		
	Demurrage Charges, if any	(Rs.)	0	0	0	0																		
	Cost of diesel in transporting coal through MGR system, if applicable	(Rs.)	0	1601741	1601741	1601741																		
	Total Transportation Charges (15+/-16+17+18)	(Rs.)	0	1601741	1601741	1601741																		
	Total amount Charged for coal supplied including Transportation (13+18)	(Rs.)	264847536	1601741	1601741	1601741																		
	Average cost of coal (Opening stock + receipts) (20+10)/(6+1)	(Rs./MT)	1785.02	1785.69	1785.69	1785.69																		
	Cost of coal in stock at the end of the month (21)x(9)	(Rs.)	708597642	708597642	708597642	708597642																		
	Weighted average GCV of coal (as billed)	(kCal/Kg)	3628	-	-	-																		
	Total Moisture	%	12.64%	0.00%	0.00%	0.00%																		
	Inherent Moisture	%	8.58%	0.00%	0.00%	0.00%																		
	Weighted average GCV of coal measured at receiving end	(kCal/Kg)	3343	-	-	-																		
	Weighted average 'as fired' GCV of coal	(kCal/Kg)	3212	3046	3051	3051																		

*Harish Kumar Satapathy*





## Details of Fuel for Computation of Energy Charges (OIL)

Name of the Petitioner : Odisha Power Generation Corporation Limited

Name of the Generating Station: IB TPS Units 3 &amp; 4

## PARTICULARS

S.NO	Unit	Apr-19		May-19		Jun-19		Jul-19	
		LDO	HFO	LDO	HFO	LDO	HFO	LDO	HFO
1	KL	3411.43	6690.44	3702.43	11210.85	4082.43	13450.35	4684.43	13450.35
2	KL	291.00	4520.42	380.00	2239.49	602.00	505.62	30.00	505.62
3	KL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	KL	291.00	4520.42	380.00	2239.49	602.00	505.62	30.00	505.62
5	KL								
6	KL	291.00	4520.42	380.00	2239.49	602.00	505.62	30.00	505.62
7	KL	3702.43	11210.85	4082.43	13450.35	4684.43	13955.97	4714.43	13955.97
8	KL	0.00	0.00	0.00	0.00	0.00	11858.42	3004.35	11858.42
9	KL	3702.43	11210.85	4082.43	13450.35	4684.43	2097.54	1710.07	2097.54
10	RS	186369567	272991762	202039116	463942361	202039116	557047641	202039116	557047641
11	RS	15669549	190950599	0	93105526	0	20932439	1597109	20932439
12	RS	0	0	0	0	0	0	0	0
13	RS	15669549	190950599	0	93105526	0	20932439	1597109	20932439
14	RS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	RS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	RS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	RS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	RS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	RS	15669549	190950599	0	93105526	0	20932439	1597109	20932439
20	RS/KL	54569.40	41383.32	49489.98	41415.13	43129.97	41414.55	43194.29	41414.55
21	RS	202039116	463942361	202039116	557047641	202039116	65904956	73865295	65904956
22	(Kcal/tr)	10600	10000	10600	10000	10600	10000	10600	10000

(Petitioner)

Aparna Kumar Satapathy



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Form 15. OPGC-2 (2x660 MW) Coal\_2019-20

No	Month	UoM	Dec'2019			Nov '2019			Oct'2019				
			Flexi	BL	Total	Flexi	BL	Total	Flexi	BL	Total		
A)	<b>OPENING QUANTITY</b>												
1	Opening Quantity of Coal	(MT)	34,649	47,159	81,808	78,000	21,220	99,220	-	149,233	149,233		
2	Value of Stock	Rs	55,111,174	85,839,657	140,950,831	119,410,880	38,202,914	157,613,794	-	258,792,486	258,792,486		
B)	<b>QUANTITY</b>												
3	Quantity of Coal supplied by MCL Company	(MT)	200,000	271,548	471,548	208,000	236,630	444,630	78,000	281,559	359,559		
4	Adjustment (+/-) in quantity supplied made by Coal Company	(MT)											
5	Coal supplied by Coal Company	(MT)	200,000	271,548	471,548	208,000	236,630	444,630	78,000	281,559	359,559		
6	Normative Transit & handling Losses for Coal based Projects	(MT)	400	543	943	416	473	889	156	563	719		
7	Net coal / Lignite Supplied (5 - 6)	(MT)	199,600	271,004	470,604	207,584	236,157	443,741	77,844	280,996	358,840		
C)	<b>PRICE</b>												
8	Amount charged by the Coal Company (MCL)	(Rs.)	315,693,078	446,735,314	762,428,392	335,488,133	389,291,254	724,779,387	119,410,880	463,206,352	582,617,232		
9	Adjustment (+/-) in amount charged made by MCL	(Rs.)		(30,389,118)	(30,389,118)	-	31,482,148	31,482,148		39,034,709	39,034,709		
10	Handling, Sampling and such other Similar Charges	(Rs.)		11,539,659	11,539,659		6,321,730	6,321,730		10,029,396	10,029,396		
11	Total amount Charged (8+9+10)	(Rs.)	315,693,078	427,885,855	743,578,933	335,488,133	427,095,132	762,583,265	119,410,880	512,270,457	631,681,337		
D)	<b>TRANSPORTATION</b>												
12	Transportation charges by rail/ship/road transport	(Rs.)											
13	Adjustment (+/-) in amount charged made by Railways/Transport Company	(Rs.)											
14	Demurrage Charges, if any	(Rs.)											
15	Cost of diesel in transporting coal through MGR system, if applicable	(Rs.)		2,816,718	2,816,718		4,042,299	4,042,299		4,497,802	4,497,802		
16	Total Transportation Charges (12+13+14+15)	(Rs.)		2,816,718	2,816,718		4,042,299	4,042,299		4,497,802	4,497,802		
17	Total amount Charged for coal/lignite supplied including Transportation (11+16)	(Rs.)	315,693,078	430,702,573	746,395,651	335,488,133	431,137,431	766,625,564	119,410,880	516,768,259	636,179,139		
E)	<b>TOTAL COST</b>												
18	Landed cost of coal (2+17)/(1+7)	Rs./MT	1,582.95	1,623.51	1,606.31	1,592.87	1,823.55	1,702.22	1,533.98	1,802.67	1,761.50		
19	Blending Ratio												
20	Weighted average cost of coal/lignite for preceeding 3 months												
F)	<b>QUALITY</b>												
21	GCV of Domestic Coal supplied of the opening Coal stock as per bill of Coal Company (Eq Basis)	(KCal/Kg)	3,465	3,217	3,322	3,647	3,639	3,645	-	3,706	3,706		
22	GCV of Domestic Coal supplied as per bill of Coal Company (Eq Basis)	(KCal/Kg)	3,062	3,031	3,044	3,397	3,179	3,281	3,647	3,604	3,613		
23	GCV of Imported Coal of the opening stock as per bill of Coal Company (Eq Basis)	(KCal/Kg)											

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Form 15. OPGC-2 (2x660 MW) Coal\_2019-20

No	Month	UoM	Dec'2019			Nov '2019			Oct'2019		
			Flexi	BL	Total	Flexi	BL	Total	Flexi	BL	Total
24	GCV of Imported Coal supplied as per bill of Coal Company (Eq Basis)	(kCal/kg)	-	-	-	-	-	-	-	-	-
25	Weighted average GCV of Coal/ lignite as billed	(kCal/kg)	3,122	3,059	3,085	3,465	3,217	3,348	3,647	3,639	3,640
26	GCV of Domestic Coal supplied of the opening Coal stock as received at station	(kCal/kg)	3,154	3,143	3,148	3,209	3,245	3,217	-	3,313	3,313
27	GCV of Domestic Coal supplied as received at Station (TM Corrected)	(kCal/kg)	2,871	2,871	2,871	3,134	3,134	3,134	3,209	3,209	3,209
28	GCV of Imported Coal supplied as received at station (TM Corrected)	(kCal/kg)	-	-	-	-	-	-	-	-	-
29	GCV of Imported Coal of opening stock as received at station (TM Corrected)	(kCal/kg)	-	-	-	-	-	-	-	-	-
30	Weighted average GCV of Coal/ lignite supplied as received	(kCal/kg)	2,913	2,911	2,912	3,154	3,143	3,149	3,209	3,245	3,240
31	As Fired GCV				2,827			3,148			3,233

TM	%	13.642	13.97	13.83	13.883	12.90	13.36	13.89	15.32	15.01
Weighted average GCV of coal/ lignite as billed	(kCal/kg)	3,356,000	3364		3,367,000	3,463,000		3,357,000	3,488,000	
TM	%	7.754	7.29	7.49	8.877	7.75	8.28	8.39	9.26	9.07
Billed (TM Corrected)		2,867	2,787	2,821	3,210	3,002	3,099	3,428	3,363	3,377

*Atanav Kumar Satapathy*



Form 15. OPGC-2 (2x660 MW) Oil \_2019-20

No	Month	UoM	December'2019		November'2019		October'2019	
			LDO ( Ltr)	HFO (MT)	LDO ( Ltr)	HFO ( MT)	LDO ( Ltr)	HFO ( MT)
<b>A) OPENING QUANTITY</b>								
1	Opening Quantity of OIL	(MT)	2,109,700	2,620	2,088,630	2,846	2,148,180	188
2	Value of Stock		111,789,881	123,509,327	110,670,313	134,167,964	113,825,691	8,565,258
<b>B) QUANTITY</b>								
3	Quantity of Oil supplied by IOCL Company	(Ltr)			24,000			2,935
4	Adjustment (+/-) in quantity supplied made by OIL Company	(MT)						
5	OIL supplied by OIL Company (3+4)	(MT)		-	24,000	-		2,935
6	Normative Transit & Handling Losses (For OIL based Projects)	(MT)						
7	Net OIL / Supplied (3 - 4)	(MT)		-	24,000	-		2,935
<b>C) PRICE</b>								
8	Amount charged by the Oil Company ( IOCL)	(Rs.)			1,274,824			138,660,497
9	Adjustment (+/-) in amount charged made by	(Rs.)						
10	Handling, Sampling and such other similar charges	(Rs.)						
11	Total amount Charged (8+9+10)	(Rs.)		-	1,274,824	-		138,660,497
<b>D) TRANSPORTATION</b>								
12	Transportation charges by rail/ship/road transport	(Rs.)						
13	Adjustment (+/-) in amount charged made by Railways/Transport Company	(Rs.)						
14	Demurrage Charges, if any	(Rs.)						
	Cost of diesel in transporting	(Rs.)						
15	OIL through MGR system, if applicable	(Rs.)						
16	Total Transportation Charges (12+13+14+15)	(Rs.)		-		-		-
17	Total amount Charged for OIL/ignite supplied	(Rs.)		-	1,274,824	-		138,660,497

*Harsh Kumar Satapathy*

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Form 15. OPGC-2 (2x660 MW) Oil \_2019-20

No	Month	UoM	December 2019		November 2019		October 2019	
			LDO ( Ltr)	HFO ( MT)	LDO ( Ltr)	HFO ( MT)	LDO ( Ltr)	HFO ( MT)
E)	TOTAL COST							
18	Landed cost of Oil (2+17)/(1+7) <small>(including transportation (1+7+16))</small>	Rs./MT	52.99	47,139.17	52.99	47,139.17	52.99	47,139.17
F)	QUALITY							
19	GCV of Oil as per bill of Oil Company	(KCal/Kg)	10,600	10,000	10,600	10,000	10,600	10,000

HFO in KL	KL	2,620	2,846	2,935
HFO Value	Rs/Ltr	123,509,327	134,167,964	138,660,497
Landed cost of Coal	Rs/Ltr	52,989	47,139	52,987

Weighted Average Price of SFO (10 : 40 )		43,010	43,010	43,093
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*Spencer Kumar Satojama*



Form 15 OPGC-2 (2\*660) Coal 2020-21

No.	Month	UoM	Dec'2020	Nov'2020	Oct'2020
			Total	Total	Total
<b>A) OPENING QUANTITY</b>					
1	Opening Quantity of Coal	(MT)	314,083	317,938	292,587
2	Value of Stock		489,666,002	496,603,305	450,516,993
<b>B) QUANTITY</b>					
3	Quantity of Coal supplied by MCL Company	(MT)	299,677.5	227,652.8	227,795.2
4	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	(MT)	-	-	-
5	Coal supplied by Coal/Lignite Company (3+4)	(MT)	299,678	227,653	227,795
6	Normative Transit & Handling Losses (For coal/ Lignite based Projects)	(MT)	599	455	456
7	Net coal / Lignite Supplied (3 - 4)	(MT)	299,078	227,197	227,340
<b>C) PRICE</b>					
8	Amount charged by the Coal Company ( MCL)	(Rs.)	496,675,044	376,434,402	376,669,867
9	Adjustment (+/-) in amount charged made by MCL	(Rs.)	12,798,447	15,354,091	18,962,272
10	Handling, Sampling and such other similar charges	(Rs.)	5,053,490	9,550,665	7,547,289
11	Total amount Charged (8+9+10)	(Rs.)	514,526,981	401,339,158	403,179,428
<b>D) TRANSPORTATION</b>					
12	Transportation charges by rail/ship/road transport	(Rs.)	-	-	-
	By Rail		-	-	-
	By Road		-	-	-
13	Adjustment (+/-) in amount charged made by	(Rs.)	-	-	-
	Railways/Transport Company		-	-	-
14	Demurrage Charges, if any	( Rs.)	-	-	-
15	Cost of diesel in transporting coal through MGR system, if applicable	( Rs.)	2,402,431	1,520,469	1,811,448
16	Total Transportation Charges (12+13-14+15)	( Rs.)	2,402,431	1,520,469	1,811,448
17	Total amount Charged for coal/lignite supplied including Transportation (11+16)	( Rs.)	516,929,412	402,859,627	404,990,876
<b>E) TOTAL COST</b>					
18	Landed cost of coal (2+17)/(1+7)	Rs./MT	1,641.65	1,649.98	1,645.44
19	Blending Ratio				
20	Weighted average cost of coal/lignite for preceeding 3 months				
<b>F) QUALITY</b>					
21	GCV of Domestic Coal supplied of the opening Coal stock as per bill of Coal Company (Eq Basis)	(kCal/Kg)	3,247	3,253	3,236
22	GCV of Domestic Coal supplied as per bill of Coal Company (Eq Basis)	(kCal/Kg)	3,362	3,463	3,488

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Form 15 OPGC-2 (2\*660) Coal 2020-21

No.	Month	UoM	Dec'2020	Nov'2020	Oct'2020
			Total	Total	Total
23	GCV of Imported Coal of the opening stock as per bill of Coal Company (Eq Basis)	(kCal/Kg)	-	-	-
24	GCV of Imported Coal supplied as per bill of Coal Company (Eq Basis)	(kCal/Kg)	-	-	-
25	Weighted average GCV of Coal/lignite as billed	(kCal/Kg)	3,303	3,341	3,346
26	GCV of Domestic Coal supplied of the opening Coal stock as received at station (TM Corrected)	(kCal/Kg)	2,859	2,845	2,841
27	GCV of Domestic Coal supplied as received at Station (TM Corrected)	(kCal/Kg)	2,798	2,953	2,831
28	GCV of Imported Coal supplied as received at station(TM Corrected)	(kCal/Kg)	-	-	-
29	GCV of Imported Coal of opening stock as received at station (TM Corrected)	(kCal/Kg)	-	-	-
30	Weighted average GCV of Coal/lignite supplied as received	(kCal/Kg)	2,829	2,890	2,837

26.i	GCV of Domestic Coal supplied of the opening Coal stock as Billed (TM Corrected)	kCal/Kg	3,048	3,053	3,038
27.i	GCV of Domestic Coal supplied as Billed (TM Corrected)	kCal/Kg	3,150	3,254	3,269
	As billed IM		7.62%	7.88%	7.64%
	As billed TM		13.45%	13.44%	13.45%
30.i	Weighted average GCV of Coal/lignite supplied as Billed (TM Corrected)	kCal/Kg	3,097	3,137	3,139

Hamesh Kumar Satapathy



Oil data in Form 15\_2020-21

No.	Month	UoM	December'2020		November'2020		October'2020	
			LDO ( Ltr)	HFO ( MT)	LDO ( Ltr)	HFO ( MT)	LDO ( Ltr)	HFO ( MT)
<b>A) OPENING QUANTITY</b>								
1	Opening Quantity of Oil	(Ltr)	1,489,431	1,847	1,550,701	1,922	1,626,561	2,086
2	Value of Stock		78,922,752	71,998,545	82,169,358	74,947,915	86,189,066	81,344,129
<b>B) QUANTITY</b>								
3	Quantity of Oil supplied by IOCL Company	(Ltr / MT)						
4	Adjustment (+/-) in quantity supplied made by Oil Company	(Ltr / MT)						
5	Oil supplied by Oil Company ( 3+4)	(Ltr / MT)	-	-	-	-	-	-
6	Normative Transit & Handling Losses (For Oil/Lignite based Projects)	(Ltr / MT)	-	-	-	-	-	-
7	Net Oil Supplied ( 3 - 4 )	(Ltr / MT)	-	-	-	-	-	-
<b>C) PRICE</b>								
8	Amount charged by the Oil Company ( IOCL)	(Rs.)						
9	Adjustment (+/-) in amount charged made by IOCL	(Rs.)						
10	Handling, Sampling and such other similar charges	(Rs.)						
11	Total amount Charged (8+9+10)	(Rs.)	-	-	-	-	-	-
<b>D) TRANSPORTATION</b>								
12	Transportation charges by rail/ship/road transport	(Rs.)						
13	Adjustment (+/-) in amount charged made by Railways/Transport Company	(Rs.)						
14	Demurrage Charges, if any	( Rs.)						
15	Cost of diesel in transporting Oil through MGR system, if applicable	( Rs.)						
16	Total Transportation Charges (12+13+14+15)	( Rs.)	-	-	-	-	-	-
17	Total amount Charged for Oil/lignite supplied including Transportation (11+16)	( Rs.)	-	-	-	-	-	-
<b>E) TOTAL COST</b>								
18	Landed cost of Oil (2+17)/(1+7)	Rs./MT	52.99	38,987.04	52.99	38,987.04	52.99	38,987.04
<b>F) QUALITY</b>								
19	GCV of Domestic Oil supplied as received at Station	(kCal/Kg )	10600	10000	10600	10000	10600	10000

HFO in KL	KL		2,075		2,160		2,344
HFO Value	Rs/Ltr		71,998,545		74,947,915		81,344,129
LDO/ HFO landed cost	Rs/Ltr	52,989	34,698.47	52,989	34,698.47	52,989	34,698.47
Weighted Average Price of SFO ( 10 : 40 )	Rs/Ltr	33,058		33,058		33,058	

*Pranesh Kumar Satapathy*





Form 15 OPGC-2 (2\*660) Coal 2021-22

No.	Month	UoM	Dec'2021			Nov'2021		
			OCPL - Direct	OCPL - ACB	Total	Flexi	OCPL - Direct	OCPL - ACB
<b>A) OPENING QUANTITY</b>								
1	Opening Quantity of Coal/Lignite	(MT)	281,546	60,865	342,411	29,507	185,994	43,119
2	Value of Stock		507,356,005	140,017,628	647,373,633	47,325,530	329,250,096	97,085,198
<b>B) QUANTITY</b>								
3	Quantity of Coal supplied by MCL / OCPL Company	(MT)	285,367	154,288	439,655		245,225	250,932
4	Adjustment (+/-) in quantity supplied made by Coal Company	(MT)				(29,507)		
5	Coal supplied by Coal Company (3+4)	(MT)	285,367	154,288	439,655	(29,507)	245,225	250,932
6	Normative Transit & Handling Losses (For coal/Lignite based Projects)	(MT)	571	309	879		490	502
7	Net coal / Lignite Supplied (5 - 6)	(MT)	284,796	153,979	438,776	(29,507)	244,735	250,430
<b>C) PRICE</b>								
8	Amount charged by the Coal Company ( MCL) / OCPL	(Rs.)	476,062,342	265,127,798	741,190,140	(47,325,530)	409,095,900	431,200,324
9	Adjustment (+/-) in amount charged made by MCL / OCPL	(Rs.)	16,845,240	11,806,631	28,651,871		23,980,489	28,844,593
10	Handling, Sampling and such other similar charges	(Rs.)	5,220,389	34,509,553	39,819,942		6,031,364	47,995,897
11	Total amount Charged (8+9+10)	(Rs.)	498,127,971	311,533,982	809,661,953	(47,325,530)	439,107,753	508,040,815
<b>D) TRANSPORTATION</b>								
12	Transportation charges by rail/ship/road transport	(Rs.)						
	By Rail							
	By Road							
	By Ship							
13	Adjustment (+/-) in amount charged made by Railways/Transport Company	(Rs.)						
14	Demurrage Charges, if any	(Rs.)						
15	Cost of diesel in transporting coal through MGR system, if applicable	(Rs.)	6,990,473				8,714,926	
16	Total Transportation Charges (12+13+14+15)	(Rs.)	6,990,473	54,819,204	54,819,204	-	8,714,926	71,324,054
17	Total amount Charged for coal supplied including Transportation (11+16)	(Rs.)	505,118,445	366,353,186	871,471,631	(47,325,530)	447,822,679	579,364,869

*Harish Kumar Saha-Pal*



Form 15 OPGC-2 (2\*660) Coal 2021-22

No.	Month	UoM	Dec'2021			Nov'2021		
			OCPL - Direct	OCPL - ACB	Total	Flexi	OCPL - Direct	OCPL - ACB
E)	TOTAL COST							
18	Landed cost of coal/ Lignite (2+17)/(1+7)	Rs./MT	1,788	2,357	1,944	-	1,804	2,304
F)	QUALITY							
19	GCV of Domestic Coal supplied of the opening Coal stock as per bill of Coal Company (Eq Basis)	kCal/Kg	3,573	3,470	3,554	3,447	3,656	3,566
20	GCV of Domestic Coal supplied as per bill of Coal Company (Eq Basis)	kCal/Kg	- 3,598	3,550	3,581	3,436	3,509	3,453
21	GCV of Imported Coal of the opening stock as per bill of Coal Company (Eq Basis)	kCal/Kg						
22	GCV of Imported Coal supplied as per bill of Coal Company (Eq Basis)	kCal/Kg						
23	Weighted average GCV of Coal/ lignite as billed	kCal/Kg	3,585	3,528	3,569		3,573	3,470
24	GCV of Domestic Coal supplied of the opening Coal stock as received at station (TM Corrected)	kCal/Kg	3,207	3,162	3,199	2,884	3,225	3,159
25	GCV of Domestic Coal supplied as received at Station (TM Corrected)	kCal/Kg	3,188	3,206	3,194		3,194	3,163
26	GCV of Imported Coal supplied as received at station (TM Corrected)	kCal/Kg						
27	GCV of Imported Coal of opening stock as received at station (TM Corrected)	kCal/Kg						
28	Weighted average GCV of Coal/ lignite supplied as received	kCal/Kg	3,198	3,194	3,196		3,207	3,162

24.i	GCV of Domestic Coal supplied of the opening Coal stock as Billed (TM Corrected)	kCal/Kg	3,255	3,151	3,236.50	3,241	3,320	3,237
25.i	GCV of Domestic Coal supplied as Billed (TM Corrected)	kCal/Kg	3,254	3,208	3,237.70		3,206	3,136
	As billed IM		2.72	2.89			3.42	3.39
	As billed TM		12.02	12.25			11.77	12.26
28.i	Weighted average GCV of Coal/ lignite supplied as Billed (TM Corrected)	kCal/Kg	3,254	3,192	3,241	3,241	3,255	3,151

*Harsh Kumar Satojaha*



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Form 15 OPGC-2 (2\*660) Coal 2021-22

No.	Month	UoM	Oct'2021					Total	BL	OCPL - ACB	BL	Total
			BL	Flexi	OCPL - Direct	OCPL - ACB	BL					
<b>A) OPENING QUANTITY</b>												
1	Opening Quantity of Coal/Lignite	(MT)	-	258,620	-	29,507	-	-	31,878	-	61,385	
2	Value of Stock		-	473,660,825	-	47,325,530	-	-	73,151,375	-	120,476,905	
<b>B) QUANTITY</b>												
3	Quantity of Coal supplied by MCL / OCPCL Company	(MT)	4,883	501,040	-	-	230,531	319,885	24,781	-	575,197	
4	Adjustment (+/-) in quantity supplied made by Coal Company	(MT)			-	-						
5	Coal supplied by Coal Company (3+4)	(MT)	4,883	471,533	-	-	230,531	319,885	24,781	-	575,197	
6	Normative Transit & Handling Losses (For coal/Lignite based Projects)	(MT)	10	943	-	-	461	640	50	-	1,150	
7	Net coal / Lignite Supplied (5 - 6)	(MT)	4,873	470,590	-	-	230,070	319,245	24,731	-	574,046	
<b>C) PRICE</b>												
8	Amount charged by the Coal Company ( MCL) / OCPCL	(Rs.)	8,199,036	801,169,730	-	-	384,582,343	549,689,098	41,607,691	-	975,879,132	
9	Adjustment (+/-) in amount charged made by MCL / OCPCL	(Rs.)	1,273,324	54,098,406	-	-	14,705,640	16,634,432	3,152,036	-	34,492,108	
10	Handling, Sampling and such other similar charges	(Rs.)	125,002	54,152,263	-	-	2,319,316	58,576,730	274,169	-	61,170,214	
11	Total amount Charged (8+9+10)	(Rs.)	9,597,362	909,420,399	-	-	401,607,299	624,900,260	45,033,896	-	1,071,541,454	
<b>D) TRANSPORTATION</b>												
12	Transportation charges by rail/ship/road transport	(Rs.)										
	By Rail											
	By Road			71,324,054				93,968,449			93,968,449	
	By Ship											
13	Adjustment (+/-) in amount charged made by Railways/Transport Company	(Rs.)										
14	Demurrage Charges, if any	(Rs.)										
15	Cost of diesel in transporting coal through MGR system, if applicable	(Rs.)	173,542				6,482,902		696,877			
16	Total Transportation Charges (12+13+14+15)	(Rs.)	173,542	71,324,054	-	-	6,482,902	93,968,449	696,877	-	93,968,449	
17	Total amount Charged for coal supplied including Transportation (11+16)	(Rs.)	9,770,903	989,632,921	-	-	408,090,201	718,868,709	45,730,772	-	1,172,689,682	

*Harish Kumar Satapathy*

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Form 15 OPGC-2 (2\*660) Coal 2021-22

No.	Month	UoM	Oct'2021									
			BL	Total	Flexi	OCPL - Direct	OCPL - ACB	BL	Total			
E)	TOTAL COST											
18	Landed cost of coal/ Lignite (2+17)/(1+7)	Rs./MT	2,005	2,007	1,603.86	1,773.77	2,255.67	1,849.11			2,035	
F)	QUALITY											
19	GCV of Domestic Coal supplied of the opening Coal stock as per bill of Coal Company (Eq Basis)	kCal/Kg	-	3,617	3,447	-	3,451	-			3,449	
20	GCV of Domestic Coal supplied as per bill of Coal Company (Eq Basis)	kCal/Kg	3,412	3,483	3,336	3,656	3,578	3,428			3,603	
21	GCV of Imported Coal of the opening stock as per bill of Coal Company (Eq Basis)	kCal/Kg										
22	GCV of Imported Coal supplied as per bill of Coal Company (Eq Basis)	kCal/Kg										
23	Weighted average GCV of Coal/ lignite as billed	kCal/Kg	3,412	3,530	3,447	3,656	3,566	3,428			3,588	
24	GCV of Domestic Coal supplied of the opening Coal stock as received at station (TM Corrected)	kCal/Kg	-	3,175	2,884	-	2,933	-			2,910	
25	GCV of Domestic Coal supplied as received at Station (TM Corrected)	kCal/Kg	3,178	3,377	2,569	3,225	3,181	2,936			3,188	
26	GCV of Imported Coal supplied as received at station (TM Corrected)	kCal/Kg										
27	GCV of Imported Coal of opening stock as received at station (TM Corrected)	kCal/Kg										
28	Weighted average GCV of Coal/ lignite supplied as received	kCal/Kg	3,178	3,308	2,884	3,225	3,159	2,936			3,161	

24.i	GCV of Domestic Coal supplied of the opening Coal stock as Billed (TM Corrected)	kCal/Kg	-	3,297	3,241	-	3,104	-			3,170.03	
25.i	GCV of Domestic Coal supplied as Billed (TM Corrected)	kCal/Kg	3,300	3,370		3,320	3,250	3,217			3,276.73	
	As billed IM		9,00			2,99	3,01	7.39				
	As billed TM		12.00			11.92	11.87	13.09				
28.i	Weighted average GCV of Coal/ lignite supplied as Billed (TM Corrected)	kCal/Kg	3,300	3,485	3,241	3,320	3,237	3,217			3,272	

*Answer from Satish*



Form 15 OPGC-2 (2\*660) Oil 2021-22

No.	Month	UoM	December'2021		November'2021		October'2021	
			LDO (Ltr)	HFO (MT)	LDO (Ltr)	HFO (MT)	LDO (Ltr)	HFO (MT)
<b>A) OPENING QUANTITY</b>								
S	Opening Quantity of Oil	(Ltr / MT)	977,294	2,866	1,062,064	3,052	1,165,614	3,156
2	Value of Stock	(Rs.)	51,190,013	111,739,595	55,630,208	118,971,693	61,054,085	123,032,455
<b>B) QUANTITY</b>								
3	Quantity of Oil supplied by IOCL Company	(Ltr / MT)						
4	Adjustment (+/-) in quantity supplied made by Oil Company	(Ltr / MT)						
5	Oil supplied by Oil Company (3+4)	(Ltr / MT)						
6	Net Oil Supplied (3-4)	(Ltr / MT)						
<b>C) PRICE</b>								
7	Amount charged by the Oil Company (IOCL)	(Rs.)						
8	Adjustment (+/-) in amount charged made by IOCL	(Rs.)						
9	Handling and such other similar charges	(Rs.)						
10	Total amount Charged (8+9+10)	(Rs.)						
<b>D) TRANSPORTATION</b>								
11	Transportation charges by rail/ship/road transport	(Rs.)						
12	Adjustment (+/-) in amount charged made by Railways/Transport Company	(Rs.)						
13	Demurrage Charges, if any	(Rs.)						
14	Cost of diesel in transporting Oil through MGR system, if applicable	(Rs.)						
15	Total Transportation Charges (11+12+13+14)	(Rs.)						
16	Total amount Charged for Oil supplied including Transportation (11+15)	(Rs.)						
<b>E) TOTAL COST</b>								
17	Landed cost of Oil (2+16)/(1+6)	Rs./ (MT / KL)	52.38	38,988.00	52.38	38,987.32	52.38	38,987.31
<b>F) QUALITY</b>								
18	GCV of Domestic Oil supplied as per bill of Oil Company (Eq Basis)	(kCal/Kg)	10,600	10,000	10,600	10,000	10,600	10,000
	HFO in KL	KL		3,220		3,429		3,546
	HFO Value	Rs/Ltr		111,739,595		118,971,693		123,032,455
	HFO landed cost	Rs/Ltr		34,699.32		34,698.71		34,698.70
	LDO landed cost	Rs/Ltr	52,379		52,379		52,379	
	Weighted Average Price of SFO (10 : 40)	Rs/Ltr	32,997		32,997		32,997	

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Form 15 OPGC-2 (2\*660) Coal 2022-23

No.	Month	UoM	Dec'2022				Nov'2022			
			OCPL - Direct	OCPL - IR	BL	Total	OCPL - Direct	OCPL - IR	BL	Total
<b>A) OPENING QUANTITY</b>										
1	Opening Quantity of Coal/Lignite	(MT)	195,502	1	5,980	201,483	96,379	1,00	5,980	102,360
2	Value of Stock	(Rs)	384,518,321	2,063	23,962,733	408,483,117	183,959,374	1,974	23,962,733	207,924,081
<b>B) QUANTITY</b>										
3	Quantity of Coal supplied by MCL / OCPCL Company	(MT)	420,051	212,493	-	632,543.9	434,625	185,240	-	619,865.2
4	Adjustment (+/-) in quantity supplied made by Coal Company	(MT)								
5	Coal supplied by Coal Company (3+4)	(MT)	420,051	212,493	-	632,544	434,625	185,240	-	619,865
6	Normative Transit & Handling Losses (For coal/Lignite based Projects)	(MT)	840	425	-	1,265	869	370	-	1,240
7	Net coal / Lignite Supplied (5 - 6)	(MT)	419,211	212,068	-	631,279	433,756	184,870	-	618,625
<b>C) PRICE</b>										
8	Amount charged by the Coal Company ( MCL / OCPCL	(Rs.)	710,893,780	359,621,695	-	1,070,515,475	736,562,137	313,500,319	-	1,050,062,456
9	Adjustment (+/-) in amount charged made by MCL / OCPCL	(Rs.)	71,612,035	36,482,930	-	108,094,965	85,327,669	37,543,686	-	122,871,355
10	Handling, Sampling and such other similar charges	(Rs.)	25,640,349	12,970,750	-	38,611,099	23,025,181	9,813,508	-	32,838,689
11	Total amount Charged (8+9+10)	(Rs.)	808,146,163	409,075,375	-	1,217,221,539	844,914,987	360,857,513	-	1,205,772,500
<b>D) TRANSPORTATION</b>										
12	Transportation charges by rail/ship/road transport	(Rs.)								
	By Rail			24,407,840		24,407,840		21,218,580		21,218,580
	By Road									
	By Ship									
13	Adjustment (+/-) in amount charged made by Railways/Transport Company	(Rs.)								
14	Demurrage Charges, if any	(Rs.)								
15	Cost of diesel in transporting coal through MGR system, if applicable	(Rs.)	16,713,028			16,713,028	15,516,020			15,516,020
16	Total Transportation Charges (12+13+14+15)	(Rs.)	16,713,028	24,407,840	-	41,120,868	15,516,020	21,218,580	-	36,734,600
17	Total amount Charged for coal supplied including Transportation (11+16)	(Rs.)	824,859,191	433,483,215	-	1,258,342,407	860,431,007	382,076,093	-	1,242,507,100

*Amresh Kumar Saha Padda*

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Form 15 OPGC-2 (2\*660) Coal 2022-23

No.	Month	UoM	Dec'2022				Nov'2022						
			OCPL - Direct	OCPL - IR	BL	Total	OCPL - Direct	OCPL - IR	BL	Total			
E)	TOTAL COST												
18	Landed cost of coal/ Lignite (2+17)/(1+7)	Rs./MT	1,967.38	2,044.08	4,007.41	2,001.56		4,007.41		2,066.73	4,007.41		2,011.74
F)	QUALITY												
19	GCV of Domestic Coal supplied of the opening Coal stock as per bill of Coal Company (Eq Basis)	kCal/Kg	3,850	3,944	-	3,735		3,929		4,043	-		3,699
20	GCV of Domestic Coal supplied as per bill of Coal Company (Eq Basis)	kCal/Kg	3,797	3,864		3,819		3,832		3,944			3,866
21	GCV of Imported Coal of the opening stock as per bill of Coal Company (Eq Basis)	kCal/Kg											
22	GCV of Imported Coal supplied as per bill of Coal Company (Eq Basis)	kCal/Kg											
23	Weighted average GCV of Coal/ lignite as billed	kCal/Kg	3,814	3,864		3,799		3,850		3,944			3,842
24	GCV of Domestic Coal supplied of the opening Coal stock as received at station (TM Corrected)	kCal/Kg	3,183	3,177		3,088		3,136		3,082			2,952
25	GCV of Domestic Coal supplied as received at Station (TM Corrected)	kCal/Kg	3,101	3,039		3,080		3,193		3,177			3,188
26	GCV of Imported Coal supplied as received at station (TM Corrected)	kCal/Kg											
27	GCV of Imported Coal of opening stock as received at station (TM Corrected)	kCal/Kg											
28	Weighted average GCV of Coal/ lignite supplied as received	kCal/Kg	3,127	3,039		3,082		3,183		3,177			3,155
24.i	GCV of Domestic Coal supplied of the opening Coal stock as Billed (TM Corrected)	kCal/Kg	3,461	3,539	3,189	3,453		3,518		3,622	3,189		3,499
25.i	GCV of Domestic Coal supplied as Billed (TM Corrected)	kCal/Kg	3,434	3,489		3,452		3,449		3,539			3,475
	As billed IM	%	2.45	2.44				2.46		2.46			
	As billed TM	%	11.77	11.92				12.22		12.49			
28.i	Weighted average GCV of Coal/ lignite supplied as Billed (TM Corrected)	kCal/Kg	3,442.61	3,488.92	3,188.51	3,452.58		3,461.14		3,538.55	3,188.51		3,478.74



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*Harman Kumar Saha*

Form 15 OPGC-2 (2\*660) Coal 2022-23

No.	Month	UoM	Oct'2022				Total
			OCPL - Direct	OCPL - IR	BL		
<b>A) OPENING QUANTITY</b>							
1	Opening Quantity of Coal/Lignite	(MT)	137,903	0.5	5,980	143,883	
2	Value of Stock	(Rs.)	285,394,799	1,111	23,962,733	309,358,644	
<b>B) QUANTITY</b>							
3	Quantity of Coal supplied by MCL / OCPL Company	(MT)	432,781	164,484		597,265.3	
4	Adjustment (+/-) in quantity supplied made by Coal Company	(MT)	(50,000)			(50,000.0)	
5	Coal supplied by Coal Company (3+4)	(MT)	382,781	164,484	-	547,265	
6	Normative Transit & Handling Losses (For coal/Lignite based Projects)	(MT)	766	329	-	1,095	
7	Net coal / Lignite Supplied (5 - 6)	(MT)	382,016	164,155	-	546,171	
<b>C) PRICE</b>							
8	Amount charged by the Coal Company (MCL) / OCPL	(Rs.)	630,419,548	278,372,079		908,791,627	
9	Adjustment (+/-) in amount charged made by MCL / OCPL	(Rs.)	62,515,269	26,764,054		89,279,323	
10	Handling, Sampling and such other similar charges	(Rs.)	1,100,841	418,388		1,519,229	
11	Total amount Charged (8+9+10)	(Rs.)	694,035,658	305,554,521	-	999,590,179	
<b>D) TRANSPORTATION</b>							
12	Transportation charges by rail/ship/road transport	(Rs.)					
	By Rail			19,148,799		19,148,799	
	By Road						
	By Ship						
13	Adjustment (+/-) in amount charged made by Railways/Transport Company	(Rs.)					
14	Demurrage Charges, if any	(Rs.)					
15	Cost of diesel in transporting coal through MGR system, if applicable	(Rs.)	14,403,508			14,403,508	
16	Total Transportation Charges (12+13+14+15)	(Rs.)	14,403,508	19,148,799	-	33,552,307	
17	Total amount Charged for coal supplied including Transportation (11+16)	(Rs.)	708,439,166	324,703,320	-	1,033,142,486	

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Form 15 OPGC-2 (2\*660) Coal 2022-23

No.	Month	UoM	Oct'2022				Total
			OCPL - Direct	OCPL - IR	BL		
E)	TOTAL COST						
18	Landed cost of coal/ Lignite (2+17)/(1+7)	Rs./MT	1,911.52	1,978.03	4,007.41	1,945.50	
F)	QUALITY						
19	GCV of Domestic Coal supplied of the opening Coal stock as per bill of Coal Company (Eq Basis)	kCal/Kg	3,863	3,886	-	3,703	
20	GCV of Domestic Coal supplied as per bill of Coal Company (Eq Basis)	kCal/Kg	3,953	4,043		3,980	
21	GCV of Imported Coal of the opening stock as per bill of Coal Company (Eq Basis)	kCal/Kg					
22	GCV of Imported Coal supplied as per bill of Coal Company (Eq Basis)	kCal/Kg					
23	Weighted average GCV of Coal/ lignite as billed	kCal/Kg	3,929	4,043		3,922	
24	GCV of Domestic Coal supplied of the opening Coal stock as received at station (TM Corrected)	kCal/Kg	3,160	3,201		3,028	
25	GCV of Domestic Coal supplied as received at Station (TM Corrected)	kCal/Kg	3,128	3,082		3,115	
26	GCV of Imported Coal supplied as received at station (TM Corrected)	kCal/Kg					
27	GCV of Imported Coal of opening stock as received at station (TM Corrected)	kCal/Kg					
28	Weighted average GCV of Coal/ lignite supplied as received	kCal/Kg	3,136	3,082	-	3,098	
24.I	GCV of Domestic Coal supplied of the opening Coal stock as Billed (TM Corrected)	kCal/Kg	3,438	3,466	3,189	3,427	
25.I	GCV of Domestic Coal supplied as Billed (TM Corrected)	kCal/Kg	3,543	3,622		3,565	
	As billed IM	%	2.57	2.59			
	As billed TM	%	12.66	12.74			
28.I	Weighted average GCV of Coal/ lignite supplied as Billed (TM Corrected)	kCal/Kg	3,517.76	3,622.08	3,188.51	3,538.25	

*Approved by Satyapal*



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No.	Month	UoM	December'2022		November'2022		October'2022	
			LDO (Ltr)	HFO (MT)	LDO (Ltr)	HFO (MT)	LDO (Ltr)	HFO (MT)
<b>A) OPENING QUANTITY</b>								
5	Opening Quantity of Oil	(Ltr / MT)	959,653	1,464	1,050,649	1,602	1,050,649	1,602
2	Value of Stock	(Rs.)	60,806,102	57,066,179	66,571,843	62,451,243	66,571,843	62,451,243
<b>B) QUANTITY</b>								
3	Quantity of Oil supplied by IOCL Company	(Ltr / MT)						
4	Adjustment (+/-) in quantity supplied made by Oil Company	(Ltr / MT)						
5	Oil supplied by Oil Company (3+4)	(Ltr / MT)						
6	Net Oil Supplied (3-4)	(Ltr / MT)						
<b>C) PRICE</b>								
7	Amount charged by the Oil Company ( IOCL)	(Rs.)						
8	Adjustment (+/-) in amount charged made by IOCL	(Rs.)						
9	Handling and such other similar charges	(Rs.)						
10	Total amount Charged (8+9+10)	(Rs.)						
<b>D) TRANSPORTATION</b>								
11	Transportation charges by rail/ship/road transport	(Rs.)						
12	Adjustment (+/-) in amount charged made by Railways/Transport Company	(Rs.)						
13	Demurrage Charges, if any	(Rs.)						
14	Cost of diesel in transporting Oil through MGR system, if applicable	(Rs.)						
15	Total Transportation Charges ( 11+12+13+14)	(Rs.)						
16	Total amount Charged for Oil supplied including Transportation (11+15)	(Rs.)						
<b>E) TOTAL COST</b>								
17	Landed cost of Oil (2+16)/(1+6)	Rs./ (MT / KL)	63.36	38,987.05	63.36	38,987.05	63.36	38,987.05
<b>F) QUALITY</b>								
18	GCV of Domestic Oil supplied as per bill of Oil Company (Eq Basis)	(kCal/kg)	10,600	10,000	10,600	10,000	10,600	10,000
HFO in KL				1,645		1,800		1,800
HFO Value				57,066,179		62,451,243		62,451,243
Landed cost of Coal			63,363	34,698	63,363	34,698	63,363	34,698
Weighted Average Price of SFO (10 : 40 )			34,095		34,095		34,095	



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*Approved Kumar Satapathy*

Details of Capital Spares						
Name of the Petitioner: Odisha Power Generation Corporation Limited						
Name of the Generating Station: IB TPS Units 3 & 4						
S. No.	Details of Capital Spares and Expenses		Claimed as a part of additional Capitalisation	Funded through compensatory allowance	Funded through Special allowance (If Applicable)	Claimed as a part of stores and spares
	Name of spare	Amount in Rs. Lakh				
1						
2						
3						
4						
5						
6						
7						
8						

NA

(Petitioner)

*Spares new set up*



122

**Non Tariff Income**

Name of the Petitioner: Odisha Power Generation Corporation Limited  
Name of the Generating Station: IB TPS Units 3 & 4

PART-1  
FORM-18  
(Rs. in Crore)

Sl. No	Particulars	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
1	2	3	4	5	6	7
	<b>Non Tariff Income</b>					
1	Income from rent of land or buildings					
2	Income from sale of scrap	0.00	0.00	0.18	0.00	0.00
3	Income from advertisements					
	Non Tariff Income to be Shared (50:50)	0.00	0.00	0.09	0.00	0.00

*Harish Kumar Sastri*



123

**Details of Water Charges**

Name of the Petitioner: Odisha Power Generation Corporation Limited

Name of the Generating Station: IB TPS Units 3 & 4

PART-1  
FORM-19  
(Rs. in Crore)

S. No.	Details of Water charges (excluding water cess)		Quantity allocated (in Cusec)	Normative consumption at 85% PLF Unit ....	Rate specified (as per govt. notification or agreement) (in Rs/m <sup>3</sup> )	Spillage of water (in percentage)	Amount Claimed
	Name of source and quantity	Amount					
1	FY 2019-20		40.72		7.28		0.00
2	FY 2020-21		40.72		7.84		28.51
3	FY 2021-22		40.72		8.40		30.54
4	FY 2022-23		40.72		8.96		32.58
5	FY 2023-24		40.72		9.52		34.71
							<b>126.34</b>

*Aparna Kumar Satapathy*  
(Petitioner)



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Details of Other Charges

Name of the Petitioner: Odisha Power Generation Corporation Limited  
Name of the Generating Station: IB TPS Units 3 & 4

S. No.	Particulars	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23		FY 2023-24	
		Total Expenses	GRIDCO Share	Total Expenses	GRIDCO Share	Total Expenses	GRIDCO Share	Total Expenses	GRIDCO Share	Total Expenses	GRIDCO Share
1	Electricity Duty	11.10	11.10	21.17	21.17	23.78	23.78	24.15	24.15	29.11	29.11
2	SOC and MOC of SLDC	0.86	0.86	0.94	0.94	1.14	1.14	1.12	1.12	1.20	1.20
3	Inspection Fees	0.00	0.00	0.32	0.32	0.28	0.28	0.28	0.28	0.23	0.23
4	SPCB	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	Tax & Cess on Land	0.00	0.00	0.36	0.36	1.71	1.71	0.26	0.26	3.07	3.07
6	CTO	0.01	0.01	0.48	0.48	0.52	0.52	0.72	0.72	0.72	0.72
7	ARR & Tariff Petition fee and publication expenses					0.25	0.25				
8	<b>Total</b>	<b>11.96</b>	<b>11.96</b>	<b>23.28</b>	<b>23.28</b>	<b>27.69</b>	<b>27.69</b>	<b>26.54</b>	<b>26.54</b>	<b>34.34</b>	<b>34.34</b>

(Petitioner)

*Apurva Kumar Satapathy*



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Details of Assets De-capitalized during the period

Name of the Petitioner: Odisha Power Generation Corporation Limited  
Name of the Generating Station: IB TPS Unit 3 & 4

S. No.	Name of the Asset	Nature of de-capitalization (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	Whether earning RoE at the normal rate of weightage average rate of interest on loan
		3	4	5	6	7
	<b>FY 2021-22</b>					
1	Exhaust fan 300mm dia suitable to work on 230/250		0.01	2019-20	0.01	
2	Motorola Walkie Talkie satellite XIRP 3688		0.02	2021-22	0.00	
3	EDP Machines(2014)		1.05	2014-15	0.99	
4	Laptop Computer	ACE	0.19	2017-18	0.13	
5	<b>Total</b>		<b>1.27</b>		<b>1.14</b>	
	<b>FY 2023-24</b>					
1	Ceiling Fan		0.05	2016-17	0.05	
2	Energy Saver ceiling fan,26W,1200MM		0.00	2021-22	0.00	
3	Laptop Computer	ACE	0.18	2017-18	0.18	
			<b>0.24</b>		<b>0.23</b>	

Note: Year wise detail need to be submitted.

*Harender Kumar Satapathy*

(Petitioner)



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## FORM-N

## Calculation of Interest on Normative Loan

Name of the Petitioner: Odisha Power Generation Corporation Limited  
Name of the Generating Station: IB TPS Units 3 & 4

Sl. No	Particulars	FY 2019-20			Total	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
		03-Jul-19 20-Aug-19 49	21-Aug-19 31-Mar-20 224	4					
1	2	3	4	5	6	7	8	9	
A	Normative								
1	Gross loan - Opening	2535.82	6474.98		6474.98	6643.32	7758.30	7912.28	
2	Cumulative repayments of Loans upto previous year	0.00	23.67		294.63	742.16	1229.03	1756.15	
3	Net loan - Opening	2535.82	6451.31		6180.35	5901.15	6529.27	6156.12	
4	Receipts during the year	0.00	0.00		168.34	1114.98	153.98	0.00	
5	Repayment during the year	23.67	270.96		447.53	486.87	527.12	533.47	
6	Net loan - Closing	2512.15	6180.35		5901.15	6529.27	6156.12	5622.65	
7	Average Net Loan	2523.98	6315.83		6040.75	6215.21	6342.70	5889.39	
8	Rate of Interest on Loan	10.71%	10.71%		10.76%	10.22%	8.90%	9.09%	
9	Interest on loan	36.18	413.83		650.27	635.46	564.22	535.11	
10	Add : Finance Charges	0.04	0.18		0.22	0.22	36.76	0.24	
11	Interest During Construction	0.00	0.00		0.00	0.00	0.00	0.00	
12	Sharing due to Loan Refinancing	0.00	0.00		0.00	0.00	1.51	7.33	
13	Interest on Loan Capital	36.22	414.01		650.49	635.68	602.49	542.69	

*Atanesh Kumar Saha*

(Petitioner)





## Calculation of Interest on Working Capital

Name of the Petitioner: Odisha Power Generation Corporation Limited

Name of the Generating Station: IB TPS Units 3 &amp; 4

(Rs. In Crore)

Sl. No.	Particulars	Norms considered	FY 2019-20				Total
			03-Jul-19	21-Aug-19	31-Mar-20		
			49	224			
1	Cost of coal	1	51.18	105.34			
2	Cost of secondary fuel oil	1	0.88	1.73			
3	Maintenance spares (as % of O&M expenses)	20%	24.26	48.52			
4	Receivables	1	113.07	253.05			
5	O&M expenses	1	10.11	20.22			
6	<b>Working capital Loan Requirement</b>		<b>199.50</b>	<b>428.86</b>			
7	Rate of Interest		11.55%	11.55%			
8	Interest on Working Capital		<b>3.08</b>	<b>30.32</b>		<b>33.40</b>	

  

Sl. No.	Particulars	Norms considered	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
			365	365	365	366
1	Cost of coal	45	144.03	138.99	157.59	150.22
2	Cost of secondary fuel oil	1	1.98	1.57	1.57	1.66
3	Maintenance spares (as % of O&M expenses)	20%	61.68	64.05	66.39	68.93
4	Receivables	45	365.39	367.38	392.75	381.61
5	O&M expenses	1	25.70	26.69	27.66	28.72
6	<b>Working capital Loan Requirement</b>		<b>598.77</b>	<b>598.68</b>	<b>645.96</b>	<b>631.14</b>
7	Rate of Interest		10.75%	10.00%	10.00%	11.50%
8	Interest on Working Capital		<b>64.37</b>	<b>59.87</b>	<b>64.60</b>	<b>72.58</b>

*Spencer Kumar Satapathy*  
(Petitioner)



**O&M Expenses**

Name of the Petitioner : Odisha Power Generation Corporation Limited

Name of the Generating Station: IB TPS Units 3 & 4

Year Ending March  
(Rs. In Crores)

S.No.	Particulars	Units	Reference	FY 2019-20 as per OERC (Terms and Conditions for Determination of Generation Tariff) Regulations, 2014				Control Period as per OERC (Terms and Conditions for Determination of Generation Tariff) Regulations, 2020			
				03-Jul-19	21-Aug-19	Total		FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
				20-Aug-19 49	31-Mar-20 224	6	7	8	9	10	11
1	O&M Expense norms for Unit (per MW)	Rs. Lakh	4	18.38	18.38	-	18.38	20.97	21.71	22.47	23.26
2	O&M Expense norms for Unit (per MW)	Rs. Lakh		18.38	18.38	-	18.38	20.97	21.71	22.47	23.26
3	Unit size	MW		660	660	-	660	660	660	660	660
4	No. of Units	No.		1	2	-	2	2	2	2	2
5	O&M expense in Rs. Cr	Rs. Cr.		16.24	148.49	164.73	276.80	286.57	296.60	307.03	
6	Allocation of corporate O&M Expense %	%		-	-	-	-	-	-	-	-
7	Allocation of corporate O&M Expense in Rs. Cr.	Rs. Cr.		-	-	-	-	-	-	-	-
8	<b>Total O&amp;M expense</b>	<b>Rs. Cr.</b>		<b>16.24</b>	<b>148.49</b>	<b>164.73</b>	<b>276.80</b>	<b>286.57</b>	<b>296.60</b>	<b>307.03</b>	

Water Charges		Rs. Cr.	0.00	0.00	0.00	28.51	30.54	32.58	34.71
Water Charges		Rs. Cr.	0.00	0.00	0.00	28.51	30.54	32.58	34.71

Security expenses		Rs. Cr.	0.00	0.00	0.00	3.08	3.13	2.77	2.89
Security Charges		Rs. Cr.	0.00	0.00	0.00	3.08	3.13	2.77	2.89

Capital Spares		Rs. Cr.	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Capital Spares		Rs. Cr.	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Ash Handling Expenses		Rs. Cr.	0.00	0.00	0.00	0.00	8.11	4.12	4.09
Ash Handling Expenses		Rs. Cr.	0.00	0.00	0.00	0.00	8.11	4.12	4.09

*(Petitioner)*  
*Harish Kumar Satapathy*



Energy Charges for Thermal Generation										
Name of the Petitioner : Odisha Power Generation Corporation Limited										
Name of the Generating Station: IB TPS Units 3 & 4										
Particulars	Units	Reference	FY 2019-20			Total	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
			03-Jul-19	21-Aug-19	Total					
			20-Aug-19	31-Mar-20						
			49	224						
<b>Operational Parameter</b>										
<b>Number of Units</b>										
<i>Upto 250 MW</i>										
<i>More than 250 MW</i>										
Total Capacity	MW		660	1320		1320	1320	1320	1320	
Availability	%		85%	85%		85.00%	85.00%	85.00%	85.00%	
PLF	%		85%	85%		85.00%	85.00%	85.00%	85.00%	
Gross Generation	MU		659.74	6031.87	6691.61	9828.72	9828.72	9828.72	9855.65	
Auxiliary Energy Consumption	%		5.75%	5.75%		6.25%	6.25%	6.25%	6.25%	
Auxiliary Energy Consumption	MU		37.93	346.83	384.77	614.30	614.30	614.30	615.98	
Net Generation	MU		621.80	5685.04	6306.84	9214.43	9214.43	9214.43	9239.67	
Heat Rate	kcal/kwh		2171.51	2171.51		2181.90	2181.90	2181.90	2181.90	
<b>Fuel Parameters</b>										
<b>Calorific Value for Different Fuels</b>										
Fuel 5 (Indigenous Coal)	kcal/Kg	From 15 (C)	3103	3018		3091	3123	3335	3488	
Fuel 4 (Imported Coal)	kcal/Kg	From 15 (C)								
Fuel 1 (HFO)	kcal/Ltr.	From 15 (O)	10000	10000		10000	10000	10000	10000	
Fuel 2(HSD)	kcal/Ltr.	From 15 (O)								
Fuel 3 (LDO)	kcal/Ltr.	From 15 (O)	10600	10600		10600	10600	10600	10600	
<b>Landed Fuel Price for different fuels</b>										
Fuel 5 (Indigenous Coal)	Rs/MT	From 15 (C)	1785.02	1786.68		1687.95	1645.53	1992.58	1986.68	
Fuel 4 (Imported Coal)	Rs/MT	From 15 (C)								
Fuel 1 (HFO)	Rs/KL	From 15 (O)	41401	41406		47177	34698	34699	34698	
Fuel 2(HSD)	Rs/KL	From 15 (O)								
Fuel 3 (LDO)	Rs/KL	From 15 (O)	48609	45078		52988	52989	52379	63363	
<b>Specific Fuel Consumption</b>										
Fuel 5 (Indigenous Coal)	Kg/kWh		0.70	0.72		0.70	0.70	0.65	0.62	
Fuel 4 (Imported Coal)	Kg/kWh									
Fuel 1 (HFO)	ml/kWh		0.40	0.40		0.40	0.40	0.40	0.40	
Fuel 2(HSD)	ml/kWh									
Fuel 3 (LDO)	ml/kWh		0.10	0.10		0.10	0.10	0.10	0.10	
<b>Total Fuel Consumption</b>										
Fuel 5 (Indigenous Coal)	MT		460614	4330259		6920827	6851038	6415037	6150071	
Fuel 4 (Imported Coal)	MT									
Fuel 1 (HFO)	KL		263	2406		3931	3931	3931	3942	
Fuel 2(HSD)	KL									
Fuel 3 (LDO)	KL		67	610		983	983	983	986	
<b>Heat Content (each fuel separately)</b>										
Fuel 5 (Indigenous Coal)	Million kcal		1429285	13067745		21395551	21395551	21395551	21454169	
Fuel 4 (Imported Coal)	Million kcal									
Fuel 1 (HFO)	Million kcal		2632	24063		39315	39315	39315	39423	
Fuel 2(HSD)	Million kcal									
Fuel 3 (LDO)	Million kcal		707	6462		10418	10418	10418	10447	
<b>Total Fuel Cost</b>										
Fuel 5 (Indigenous Coal)	Rs Crore		82.22	773.68	855.90	1168.20	1127.36	1278.25	1221.82	
Fuel 4 (Imported Coal)	Rs Crore									
Fuel 1 (HFO)	Rs Crore		1.09	9.96	11.05	18.55	13.64	13.64	13.68	
Fuel 2(HSD)	Rs Crore									
Fuel 3 (LDO)	Rs Crore		0.32	2.75	3.07	5.21	5.21	5.15	6.24	
Total fuel Cost			83.63	786.39	870.02	1191.96	1146.21	1297.04	1241.74	
Energy Charges per unit			134.50	138.33	137.95	129.36	124.39	140.76	134.39	

Atanesh Kumar Satapathy



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TARIFF FILING FORMS  
OPGC- IB TPS UNIT 3 & 4  
FOR TARIFF DETERMINATION FOR FY 2024-25 TO  
FY 2028-29



Checklist of Forms and other information/ documents for tariff filing for FY 2024-25 to FY 2028-29

Name of Petitioner: Odisha Power Generation Corporation Limited

Name of the Generating Station: IB TPS Units 3 & 4

Form No.	Title of Tariff Filing Forms (Thermal)	Tick
FORM-1	Summary of Tariff	✓
FORM-1(I)	Statement showing claimed capital cost	✓
FORM-1(II)	Statement showing Return on Equity	✓
FORM-2	Plant Characteristics	✓
FORM-3	Normative parameters considered for tariff computations	✓
FORM-4	Details of Foreign loans	NA
FORM-4A	Details of Foreign Equity	NA
FORM-5	Abstract of Admitted Capital Cost for the existing Projects	✓
FORM-6	Financial Package upto COD	NA
FORM-7	Details of Project Specific Loans	✓
FORM-8	Details of Allocation of corporate loans to various projects	NA
FORM-9	Statement of Additional Capitalisation after COD	✓
FORM-10	Financing of Additional Capitalisation	✓
FORM-11	Calculation of Depreciation on original project cost	NA
FORM-12	Statement of Depreciation	✓
FORM-13	Calculation of Weighted Average Rate of Interest on Actual Loans	NA
FORM-14	Draw Down Schedule for Calculation of IDC & Financing Charges	NA
FORM-15(C)	Details of Fuel for Computation of Energy Charges (Coal)	✓
FORM-15(O)	Details of Fuel for Computation of Energy Charges (Oil)	✓
FORM-16	Details of Limestone for Computation of Energy Charge Rate	NA
FORM-17	Details of Capital Spares	✓
FORM-18	Non Tariff Income	✓
FORM-19	Details of Water Charges	✓
FORM-20	Details of Statutory Charges	✓
	O&M Expenses	✓
	Energy Charges for Thermal Generation	✓
	Debt and Equity	NA
	GSHR	NA

(Petitioner)

*Hareesh Kumar Satapathy*



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**PART-I**

**List of Supporting Forms / documents for tariff filing for Thermal Stations**

Name of Petitioner: Odisha Power Generation Corporation Limited

Name of the Generating Station: IB TPS Units 3 & 4

Form No.	Title of Tariff Filing Forms (Thermal)	Tick
		NA
FORM-A	Abstract of Capital Cost Estimates	NA
FORM-B	Break-up of Capital Cost for Coal/Lignite based projects	NA
FORM-C	Break-up of Capital Cost for Gas/Liquid fuel based Projects	NA
FORM-D	Break-up of Construction/Supply/Service packages	NA
FORM-E	Details of variables , parameters , optional package etc. for New Project	NA
FORM-F	Details of cost over run	NA
FORM-G	Details of time over run	NA
FORM-H	Statement of Additional Capitalisation during end of the useful life	NA
FORM-I	Details of Assets De-capitalised during the period	✓
FORM-J	Reconciliation of Capitalisation claimed vis-à-vis books of accounts	NA
FORM-K	Statement showing details of items/assets/works claimed under Exclusions	NA
FORM-L	Statement of Capital cost	NA
FORM-M	Statement of Capital Woks in Progress	NA
FORM-N	Calculation of Interest on Normative Loan	✓
FORM-O	Calculation of Interest on Working Capital	✓
FORM-P	Incidental Expenditure up to SCOD and up to Actual COD	NA
FORM-Q	Expenditure under different packages up to SCOD and up to Actual COD	NA
FORM-R	Actual cash expenditure	NA
FORM-S	Statement of Liability flow	NA
FORM-T	Summary of issues involved in the petition	NA

*Approved by Satyajeet*

(Petitioner)



Summary of Tariff							FORM-1
Name of the Petitioner : Odisha Power Generation Corporation Limited							(Rs. In Crore)
Name of the Generating Station: IB TPS Units 3 & 4							
S.No.	Particulars	Unit	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29
1	2		3	4	5	6	7
1	Annual Fixed Cost						
1.1	Depreciation	Rs. Cr.	537.49	546.28	556.50	563.66	566.29
1.2	Interest on Term Loans & Fin. Charges	Rs. Cr.	486.46	437.22	387.12	336.23	284.90
1.3	Return on Equity	Rs. Cr.	378.30	398.12	421.19	436.96	442.75
1.4	Interest on Working Capital Loans	Rs. Cr.	82.80	85.96	85.70	86.69	86.88
1.5	O & M Expenses	Rs. Cr.	388.73	434.73	418.22	447.77	462.45
1.6	Ash Handling and Utilisation Expenses	Rs. Cr.	124.85	149.37	163.88	163.88	163.88
1.7	Tax on Income	Rs. Cr.	95.22	100.21	106.01	109.98	111.44
1.8	Less: Non Tariff Income	Rs. Cr.	1.25	1.25	1.25	1.25	1.25
	Annual Fixed Cost	Rs. Cr.	2092.58	2150.65	2137.38	2143.93	2117.33
2.1	Landed Coal Cost	Rs./MT	1864.61	1864.61	1864.61	1864.61	1864.61
2.2	Landed Oil Cost	Rs./kL	42542.04	42542.04	42542.04	42542.04	42542.04
	Energy Charge Rate	Paise/kWh	142.84	142.84	142.84	142.84	142.84
	Other Charges		36.94	36.64	36.64	36.64	36.64

(Petitioner)



*Harish Kumar Satapathy*

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Statement showing capital cost claimed (A+B)						
Name of the Petitioner : Odisha Power Generation Corporation Limited					FORM-1(I)	
Name of the Generating Station: IB TPS Units 3 & 4					(Rs. In Crore)	
S.No.	Particulars	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29
1	Opening capital cost	10569.72	10695.21	10910.09	11091.18	11180.88
2	Add: Addition during the year/period	125.49	214.88	181.09	89.70	9.70
3	Less: Decapitalisation during the year/Period	0.00	0.00	0.00	0.00	0.00
4	Less: Reversal during the year/period					
5	Add: Discharges during the Year/period					
6	Closing capital cost	10695.21	10910.09	11091.18	11180.88	11190.58
7	Average Capital Cost	10632.46	10802.65	11000.63	11136.03	11185.73

Statement showing claimed capital cost eligible for RoE at Normal Rate(A)						
S.No.	Particulars	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29
1	Opening capital cost	10517.99	10517.99	10517.99	10517.99	10517.99
2	Add: Addition during the year/period					
3	Less: Decapitalisation during the year/Period					
4	Less: Reversal during the year/period					
5	Add: Discharges during the Year/period					
6	Closing capital cost	10517.99	10517.99	10517.99	10517.99	10517.99
7	Average Capital Cost	10517.99	10517.99	10517.99	10517.99	10517.99

Statement showing claimed capital cost eligible for RoE at Weighted Average rate of Interest on actual loan portfolio (B)						
S.No.	Particulars	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29
1	Opening capital cost	51.73	177.22	392.10	573.19	662.89
2	Add: Addition during the year/period	125.49	214.88	181.09	89.70	9.70
3	Less: Decapitalisation during the year/Period					
4	Less: Reversal during the year/period					
5	Add: Discharges during the Year/period					
6	Closing capital cost	177.22	392.10	573.19	662.89	672.59
7	Average Capital Cost	114.48	284.66	482.65	618.04	667.74

(Petitioner)

*Hamesh Kumar Satapathy*



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## Statement showing Return on Equity on Assets within the Original Scope

FORM-I(IIA)

Name of the Petitioner: Odisha Power Generation Corporation Limited

Name of the Generating Station: IB TPS

(Rs. in Crore)

Sl. No	Particulars	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29
1	2	3	4	5	6	7
1	Opening Equity	2606.85	2606.85	2606.85	2606.85	2606.85
2	Equity Addition	0.00	0.00	0.00	0.00	0.00
3	Deletion	0.00	0.00	0.00	0.00	0.00
4	Closing Equity	2606.85	2606.85	2606.85	2606.85	2606.85
5	Average Equity	2606.85	2606.85	2606.85	2606.85	2606.85
6	Rate of Return on Equity	14.00%	14.00%	14.00%	14.00%	14.00%
7	Return on Equity	364.96	364.96	364.96	364.96	364.96

*Hanesh Kumar Satapathy*  
(Petitioner)



## Statement showing Return on Equity on Assets beyond the Original Scope

FORM-I(IIIB)

Name of the Petitioner: Odisha Power Generation Corporation Limited

Name of the Generating Station: IB TPS

(Rs. in Crore)

Sl. No	Particulars	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29
1	2	3	4	5	6	7
1	Opening Equity	51.73	177.22	392.10	573.19	662.89
2	Equity Addition	125.49	214.88	181.09	89.70	9.70
3	Deletion	0.00	0.00	0.00	0.00	0.00
4	Closing Equity	177.22	392.10	573.19	662.89	672.59
5	Average Equity	114.48	284.66	482.65	618.04	667.74
6	Rate of Return on Equity	11.65%	11.65%	11.65%	11.65%	11.65%
7	Return on Equity	13.34	33.16	56.23	72.00	77.79

(Petitioner)

*Aparna Kumar Satapathy*

Name of the Petitioner : Odisha Power Generation Corporation Limited		Plant Characteristics	
Name of the Generating Station: IB TPS Units 3 & 4		FORM-2	
Basic characteristics of the plant <sup>1</sup>	Coal Based Thermal Power Plant (conventional steam generator)		
Site Specific Features <sup>2</sup>	<b>Special Features of the Plant</b> MGR system for coal transportation, Ash Pond for ash disposal through HCSD system for FA and lean slurry for BA, Ash Pipe lines for 12 KM to the ash pond away from plant.		
Special Technological Features <sup>3</sup>	Supercritical Technology		
Environmental Regulation related features <sup>4</sup>	ESP with 10 electrical fields, zero liquid effluent based plant with RO for waste water recovery system, Disposal of FA by HCSD system.		
Any other special features			
Fuel Details <sup>5</sup>	Primary Fuel	HFO/ HSD & LDO	Secondary Fuel
	COAL		
Details	Module number or Unit number		
1	2	3	
	Unit # 3	Unit # 4	
	660	660	
Installed Capacity (IC) MW			
Date of Commercial Operation (COD)			
Type of cooling system <sup>6</sup>	Closed circuit cooling system (IDCT)		
Type of Boiler Feed Pump <sup>7</sup>	2X50% steam turbine driven BFP and 1X35% motor driven BFP		
Pressure (kg/cm <sup>2</sup> )	247 ata	247 ata	
Temperature 0C			
-At Superheater Outlet	565 degC	565 degC	
-At Reheater Outlet	593 degC	593 degC	
Guaranteed Design Heat rate (kCal/kWh)	2078	2078	
Conditions on which guaranteed			
% MCR	100	100	
% Makeup	0	0	
Design Fuel	Yes	Yes	
Design cooling water Temperature, 0C	33	33	
Back Pressure	0.1015	0.1015	

(Petitioner)

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## Normative parameters considered for tariff computations

Name of the Petitioner: Odisha Power Generation Corporation Limited  
Name of the Generating Station : IB TPS Unit 3 & 4

(Year Ending March)

Particulars	Unit	Existing	2024-25	2025-26	2026-27	2027-28	2028-29
1	2	3	4	5	6	7	8
Base Rate of Return on Equity	%		14.00%	14.00%	14.00%	14.00%	14.00%
Base Rate of Return on Equity on Add. Capitalization	%		11.65%	11.65%	11.65%	11.65%	11.65%
Effective Tax Rate *	%						
Target Availability	%						
In High Demand Season	%						
Peak Hours	%		85.00%	85.00%	85.00%	85.00%	85.00%
Off-Peak Hours	%		85.00%	85.00%	85.00%	85.00%	85.00%
In Low Demand Season(Off-Peak)	%						
Peak Hours	%		85.00%	85.00%	85.00%	85.00%	85.00%
Off-Peak Hours	%		85.00%	85.00%	85.00%	85.00%	85.00%
Auxiliary Energy Consumption	%		5.75%	5.75%	5.75%	5.75%	5.75%
Gross Station Heat Rate	kCal/kWh		2171.51	2171.51	2171.51	2171.51	2171.51
Specific Fuel Oil Consumption	ml/kWh		0.5	0.5	0.5	0.5	0.5
Cost of Coal/Lignite for WC <sup>1</sup>	in Days		40	40	40	40	40
Cost of Main Secondary Fuel Oil for WC <sup>1</sup>	in Months		1	1	1	1	1
Fuel Cost for WC <sup>2</sup>	in Months		1	1	1	1	1
Liquid Fuel Stock for WC <sup>2</sup>	in Months						
O&M Expenses	Rs lakh / MW		25.78	27.13	28.56	30.06	31.64
Maintenance Spares for WC	% of O&M		20.00%	20.00%	20.00%	20.00%	20.00%
Receivables for WC	in Months		1.5	1.5	1.5	1.5	1.5
Storage capacity of Primary fuel	MT						
SBI 1 Year MCLR plus 300 basis point <sup>3</sup>	%		11.65%	11.65%	11.65%	11.65%	11.65%
Blending ratio of domestic coal/imported coal							

Note: 1). For Coal based/lignite based generating stations

2). For Gas Turbine/Combined Cycle generating stations duly taking into account the mode of operation on gas fuel and liquid fuel.

3. Mention relevant date. Effective tax rate is to be computed in accordance with Regulation 31 i.e. actual tax (or advance tax)/gross income, where gross income refers the profit before tax.

(Petitioner)




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

Name of the Petitioner : Odisha Power Generation Corporation Limited

PART 1  
FORM-5

Name of the Generating Station: IB TPS Units 3 & 4

Last date of order of Commission for the project	Date (DD-MM-YYYY)	07-01-2023
Reference of petition no. in which the above order was passed	Petition no.	96/2021
Following details (whether admitted and /or considered) as on the last date of the period for which tariff is approved, in the above order by the		
Capital cost (As on COD)	(Rs. in Crore)*	8,596.19
Amount of un-discharged liabilities included in above (& forming part of admitted capital cost)		324.55
Amount of un-discharged liabilities corresponding to above admitted capital cost (but not forming part of admitted capital cost being allowed on cash basis)		
Gross Normative Debt		6,474.98
Cumulative Repayment		-
Net Normative Debt		6,474.98
Normative Equity		2,121.22
Cumulative Depreciation		
Freehold land		

(Petitioner)

*Harish Kumar Satapathy*



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**Details of Project Specific Loans**

Name of the Petitioner : Odisha Power Generation Corporation Limited

PART 1  
FORM-7

Name of the Generating Station: IB TPS Units 3 & 4

in Rs. Crores

Sl. No	Particulars	Package 1 (Loan-1)	Package 2 (Loan-2)	Package 3 (Loan-3)
	Source of Loan	Power Finance Corporation Ltd	REC Limited	Indian Bank
	Currency	INR	INR	INR
	Amount of Loan sanctioned	4,181.25	4,181.25	1,000.00
	Amount of Gross Loan drawn upto COD	3,648.79	3,619.58	-
	Interest type (Floating/Fixed)	Floating*	Floating*	Floating*
	Fixed Interest rate, if applicable	NA	NA	NA
	Base Rate, if Floating interest	As per Rate Notified	As per Rate Notified	As per Rate Notified
	Margin, if Floating interest	As per discount offered from to time	As per discount offered from to time	As per discount offered from to time
	Are there any Caps/Floor (Yes/No)	Yes	Yes	Yes
	If above is yes, specify caps/floor	Varies based on change in card rate and discount offered time to time	Varies based on change in card rate and discount offered time to time	Varies based on change in card rate and discount offered time to time
	Moratorium period	6 months from Scheduled COD	6 months from Scheduled COD	
	Moratorium effective from	31.01.2020	31.01.2020	
	Repayment period	Unequal quarterly Instalments as per amortisation Schedule	Equal quarterly instalments	Equal quarterly instalments
	Repayment effective from	15.07.2020	30.09.2020	31.03.2023
	Repayment frequency	Quarterly	Quarterly	Quarterly
	Repayment instalment	60 Quarters	60 Quarters	60 Quarters

\*Interest rate as applicable on the date of disbursement and reset in 3 years

(Petitioner)

*Hamesh Kumar Satapathy*



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**Statement of Additional Capitalisation after COD**

Name of the Petitioner : Odisha Power Generation Corporation Limited

Name of the Generating Station: IB TPS Units 3 & 4

PART 1  
FORM-9

Sl.No.	Year	Work/Equipment added after COD up-to Cut off Date / Beyond Cut off Date	Amount Capitalised / Proposed to be capitalised	Regulations under which claimed	Justification	Cost in Rs. Crores Admitted Cost <sup>2</sup>
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	FY 2024-25	Works beyond the original scope of work	125.49	22 (1) (d)	Works beyond the original scope of work	
2	FY 2025-26		214.88	22 (1) (e)		
3	FY 2026-27		181.09	22 (1) (i)		
4	FY 2027-28		89.70			
5	FY 2028-29		9.70			
6		<b>Grand total</b>	<b>620.86</b>			

(Petitioner)

*Apmesh Kumar Saha*



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**Financing of Additional Capitalisation**

PART-1  
FORM-10

Name of the Petitioner: Odisha Power Generation Corporation Limited

Name of the Generating Station: IB TPS Units 3 & 4

(Rs. in Crore)

Financial Year (Starting from COD) <sup>1</sup>	Actual (in Rs. Crore)				
	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29
1	2	3	4	5	6
<b>Amount capitalised in Work/ Equipment</b>	125.49	214.88	181.09	89.70	9.70
<b>Financing Details</b>					
Loan-1					
Loan-2					
Loan-3 and so on					
<b>Total Loan<sup>2</sup></b>	0.00	0.00	0.00	0.00	0.00
<b>Equity</b>					
Internal Resources	125.49	214.88	181.09	89.70	9.70
Others (Pl. specify)					
<b>Total</b>	125.49	214.88	181.09	89.70	9.70

Note:

1. Year 1 refers to Financial Year of COD and Year 2, Year 3 etc. are the subsequent financial years respectively.

2. Loan details for meeting the additional capitalisation requirement should be given as per FORM-7 or 8 whichever is relevant.

(Petitioner)

*Amresh Kumar Satapathy*



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Depreciation													FORM-11&12	
Name of the Petitioner: Odisha Power Generation Corporation Limited													Year Ending March	
Name of the Generating Station: IB TPS Units 3 & 4													(Rs. in Crore)	
FY 2024-25														
S.No.	Assets Group	A/c Code	Rate of Depreciation	Gross fixed Assets				Provisions for depreciation				Net fixed Assets		
				Opening GFA	Additions	Adjust. & deductions	Closing GFA	Opening Cumulative depreciation	Additions	Adjust.	Closing Cumulative depreciation	Opening	Closing	
1	Land & Land Rights		3.34%	135.55	0.00	0.00	135.55	11.45	4.53	0.00	15.98	124.10	119.57	
2	Building & Civil Works of Power Plants		3.34%	670.59	0.80	0.00	671.39	97.62	22.41	0.00	120.03	572.98	551.37	
3	Hydraulic Works		5.28%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
4	Other Civil Works		3.34%	506.51	0.80	0.00	507.31	44.27	16.93	0.00	61.20	462.24	446.11	
5	Plant & Machinery		5.28%	9061.93	120.34	0.00	9182.27	2098.73	481.65	0.00	2580.38	6963.20	6601.89	
6	Lines & Cable Net work		5.28%	134.95	0.00	0.00	134.95	19.16	7.13	0.00	26.29	115.79	108.66	
7	Vehicles		9.50%	6.98	1.35	0.00	8.33	3.11	0.73	0.00	3.83	3.87	4.50	
8	Furniture & Fixtures		6.33%	15.67	1.14	0.00	16.81	4.35	1.03	0.00	5.38	11.32	11.43	
9	Office Equipments		6.33%	29.58	0.40	0.00	29.98	7.16	1.88	0.00	9.05	22.41	20.93	
10	Software		15.00%	7.70	0.66	0.00	8.36	3.79	1.20	0.00	4.99	3.92	3.37	
TOTAL				10569.45	125.49	0.00	10694.93	2289.63	537.49	0.00	2827.11	8279.82	7867.82	
FY 2025-26														
S.No.	Assets Group	A/c Code	Rate of Depreciation	Gross fixed Assets				Provisions for depreciation				Net fixed Assets		
				At the beginning of the year	Additions during the year	Adjust. & deductions	At the end of the year	Cumulative upto the beginning of the year	Additions during the year	Adjust. during the year	Cumulative at the end of the year	At the beginning of the year	At the end of the year	
1	Land & Land Rights		3.34%	135.55	0.00	0.00	135.55	15.98	4.53	0.00	20.50	119.57	115.04	
2	Building & Civil Works of Power Plants		3.34%	671.39	17.70	0.00	689.09	120.03	22.72	0.00	142.75	551.37	546.34	
3	Hydraulic Works		5.28%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
4	Other Civil Works		3.34%	507.31	22.15	0.00	529.46	61.20	17.31	0.00	78.51	446.11	450.95	
5	Plant & Machinery		5.28%	9182.27	170.21	0.00	9352.48	2580.38	489.32	0.00	3069.69	6601.89	6282.78	
6	Lines & Cable Net work		5.28%	134.95	0.00	0.00	134.95	26.29	7.13	0.00	33.41	108.66	101.54	
7	Vehicles		9.50%	8.33	0.40	0.00	8.73	3.83	0.81	0.00	4.65	4.50	4.08	
8	Furniture & Fixtures		6.33%	16.81	0.72	0.00	17.53	5.38	1.09	0.00	6.46	11.43	11.06	
9	Office Equipments		6.33%	29.98	1.10	0.00	31.08	9.05	1.93	0.00	10.98	20.93	20.10	
10	Software		15.00%	8.36	2.60	0.00	10.96	4.99	1.45	0.00	6.44	3.37	4.52	
TOTAL				10694.93	214.88	0.00	10909.81	2827.11	546.28	0.00	3373.40	7867.82	7536.42	
FY 2026-27														
S.No.	Assets Group	A/c Code	Rate of Depreciation	Gross fixed Assets				Provisions for depreciation				Net fixed Assets		
				At the beginning of the year	Additions during the year	Adjust. & deductions	At the end of the year	Cumulative upto the beginning of the year	Additions during the year	Adjust. during the year	Cumulative at the end of the year	At the beginning of the year	At the end of the year	
1	Land & Land Rights		3.34%	135.55	0.00	0.00	135.55	20.50	4.53	0.00	25.03	115.04	110.52	
2	Building & Civil Works of Power Plants		3.34%	689.09	0.00	0.00	689.09	142.75	23.02	0.00	165.76	546.34	523.33	
3	Hydraulic Works		5.28%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
4	Other Civil Works		3.34%	529.46	3.00	0.00	532.46	78.51	17.73	0.00	96.25	450.95	436.21	
5	Plant & Machinery		5.28%	9352.48	175.89	0.00	9528.37	3069.69	498.45	0.00	3568.15	6282.78	5960.22	
6	Lines & Cable Net work		5.28%	134.95	0.00	0.00	134.95	33.41	7.13	0.00	40.54	101.54	94.41	
7	Vehicles		9.50%	8.73	0.40	0.00	9.13	4.65	0.85	0.00	5.49	4.08	3.64	
8	Furniture & Fixtures		6.33%	17.53	1.00	0.00	18.53	6.46	1.14	0.00	7.60	11.06	10.92	
9	Office Equipments		6.33%	31.08	0.30	0.00	31.38	10.98	1.98	0.00	12.96	20.10	18.42	
10	Software		15.00%	10.96	0.50	0.00	11.46	6.44	1.68	0.00	8.12	4.52	3.34	
TOTAL				10909.81	181.09	0.00	11090.90	3373.40	556.50	0.00	3929.90	7536.42	7161.00	
FY 2027-28														
S.No.	Assets Group	A/c Code	Rate of Depreciation	Gross fixed Assets				Provisions for depreciation				Net fixed Assets		
				At the beginning of the year	Additions during the year	Adjust. & deductions	At the end of the year	Cumulative upto the beginning of the year	Additions during the year	Adjust. during the year	Cumulative at the end of the year	At the beginning of the year	At the end of the year	
1	Land & Land Rights		3.34%	135.55	0.00	0.00	135.55	25.03	4.53	0.00	29.56	110.52	105.99	
2	Building & Civil Works of Power Plants		3.34%	689.09	2.00	0.00	691.09	165.76	23.05	0.00	188.81	523.33	502.28	
3	Hydraulic Works		5.28%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
4	Other Civil Works		3.34%	532.46	0.00	0.00	532.46	96.25	17.78	0.00	114.03	436.21	418.43	
5	Plant & Machinery		5.28%	9528.37	85.00	0.00	9613.37	3568.15	505.34	0.00	4073.49	5960.22	5539.88	
6	Lines & Cable Net work		5.28%	134.95	0.00	0.00	134.95	40.54	7.13	0.00	47.66	94.41	87.28	
7	Vehicles		9.50%	9.13	0.00	0.00	9.13	5.49	0.87	0.00	6.36	3.64	2.77	
8	Furniture & Fixtures		6.33%	18.53	1.00	0.00	19.53	7.60	1.20	0.00	8.81	10.92	10.72	
9	Office Equipments		6.33%	31.38	1.70	0.00	33.08	12.96	2.04	0.00	15.00	18.42	18.08	
10	Software		15.00%	11.46	0.00	0.00	11.46	8.12	1.72	0.00	9.84	3.34	1.62	
TOTAL				11090.90	89.70	0.00	11180.60	3929.90	563.66	0.00	4493.56	7161.00	6687.05	
FY 2028-29														
S.No.	Assets Group	A/c Code	Rate of Depreciation	Gross fixed Assets				Provisions for depreciation				Net fixed Assets		
				At the beginning of the year	Additions during the year	Adjust. & deductions	At the end of the year	Cumulative upto the beginning of the year	Additions during the year	Adjust. during the year	Cumulative at the end of the year	At the beginning of the year	At the end of the year	
1	Land & Land Rights		3.34%	135.55	0.00	0.00	135.55	29.56	4.53	0.00	34.08	105.99	101.46	
2	Building & Civil Works of Power Plants		3.34%	691.09	0.00	0.00	691.09	188.81	23.08	0.00	211.89	502.28	479.20	
3	Hydraulic Works		5.28%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
4	Other Civil Works		3.34%	532.46	0.00	0.00	532.46	114.03	17.78	0.00	131.82	418.43	400.64	
5	Plant & Machinery		5.28%	9613.37	8.00	0.00	9621.37	4073.49	507.80	0.00	4581.29	5539.88	5040.08	
6	Lines & Cable Net work		5.28%	134.95	0.00	0.00	134.95	47.66	7.13	0.00	54.79	87.28	80.16	
7	Vehicles		9.50%	9.13	0.40	0.00	9.53	6.36	0.89	0.00	7.25	2.77	2.28	
8	Furniture & Fixtures		6.33%	19.53	1.00	0.00	20.53	8.81	1.27	0.00	10.08	10.72	10.45	
9	Office Equipments		6.33%	33.08	0.30	0.00	33.38	15.00	2.10	0.00	17.10	18.08	16.28	
10	Software		15.00%	11.46	0.00	0.00	11.46	9.84	1.72	0.00	11.56	1.62	-0.10	
TOTAL				11180.60	9.70	0.00	11190.30	4493.56	566.29	0.00	5059.85	6687.05	6130.45	

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(Petitioner)

Hareem Kumar Satapathy

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Form 15 OPGC-2 (2\*660) Oil 2023-24

No.	Month	UoM	March/2024		February/2024		January/2024		December/2023		November/2023	
			LDO (Ltr)	HFO (MT)	LDO (Ltr)	HFO (MT)	LDO (Ltr)	HFO (MT)	LDO (Ltr)	HFO (MT)	LDO (Ltr)	HFO (MT)
<b>A) OPENING QUANTITY</b>												
5	Opening Quantity of Oil	(Ltr / MT)	1,175,030	1,625	1,192,545	1,706	1,192,545	1,706	1,090,308	1,219	1,109,135	1,047
2	Value of Stock	(Rs.)	87,662,021	90,108,039	88,968,711	94,598,584	88,968,711	94,598,584	80,109,096	62,834,463	81,492,374	50,058,990
<b>B) QUANTITY</b>												
3	Quantity of Oil supplied by IOCL Company	(Ltr / MT)	-	-	-	-	-	-	199,509	693	-	287
4	Adjustment (+/-) in quantity supplied made by Oil Company	(Ltr / MT)	-	-	-	-	-	-	-	-	-	-
5	Oil supplied by Oil Company (3+4)	(Ltr / MT)	-	-	-	-	-	-	199,509	693	-	287
6	Net Oil Supplied (3-4)	(Ltr / MT)	-	-	-	-	-	-	199,509	693	-	287
<b>C) PRICE</b>												
7	Amount charged by the Oil Company (IOCL)	(Rs.)	-	-	-	-	-	-	16,116,503	43,181,752	-	18,728,557
8	Adjustment (+/-) in amount charged made by IOCL	(Rs.)	-	-	-	-	-	-	-	-	-	-
9	Handling and such other similar charges	(Rs.)	-	-	-	-	-	-	-	-	-	-
10	Total amount Charged (8+9+10)	(Rs.)	-	-	-	-	-	-	16,116,503	43,181,752	-	18,728,557
<b>D) TRANSPORTATION</b>												
11	Transportation charges by rail/ship/road transport	(Rs.)	-	-	-	-	-	-	-	-	-	-
12	Adjustment (+/-) in amount charged made by Railways/Transport Company	(Rs.)	-	-	-	-	-	-	-	-	-	-
13	Demurrage Charges, if any	(Rs.)	-	-	-	-	-	-	-	-	-	-
14	Cost of diesel in transporting Oil through MGR system, if applicable	(Rs.)	-	-	-	-	-	-	-	-	-	-
15	Total Transportation Charges (11+12+13+14)	(Rs.)	-	-	-	-	-	-	-	-	-	-
16	Total amount Charged for Oil supplied including Transportation (11+15)	(Rs.)	-	-	-	-	-	-	16,116,503	43,181,752	-	18,728,557
<b>E) TOTAL COST</b>												
17	Landed cost of Oil (2+16)/(1+6)	Rs./ (MT / KL)	74.60	55,456.62	74.60	55,456.62	74.60	55,456.62	74.60	55,456.62	73.47	51,549.88
<b>F) QUALITY</b>												
18	GCV of Domestic Oil supplied as per bill of Oil Company (Eq Basis)	(KCal/Kg)	10,600	10,000	10,600	10,000	10,600	10,000	10,600	10,000	10,600	10,000
<b>Summary</b>												
	HFO in KL	KL		1,826		1,917		1,917		1,370		1,177
	HFO Value	Rs/Ltr		90,108,039		94,598,584		94,598,584		62,834,463		50,058,990
	Landed cost of Oil	Rs/Ltr	74,604	49,356	74,604	49,356	74,604	49,356	74,604	45,879	73,474	42,535
	Weighted Average Price of SFO (10 : 40)		46,946	46,946	46,946	46,946	46,946	46,946	44,164	46,946	41,375	

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Form 15 OPGC-2 (2\*660) Oil 2023-24

No.	Month	UoM	October'2023		September'2023		August'2023		July'2023		June'2023	
			LDO (Ltr)	HFO (MT)	LDO (Ltr)	HFO (MT)	LDO (Ltr)	HFO (MT)	LDO (Ltr)	HFO (MT)	LDO (Ltr)	HFO (MT)
<b>A) OPENING QUANTITY</b>												
5	Opening Quantity of Oil	(Ltr / MT)	1,018,138	1,105	1,018,138	1,122	1,071,481	1,295,60	1,139,773	1,138	1,139,813	1,201
2	Value of Stock	(Rs.)	70,916,359	49,296,387	70,916,359	50,061,484	74,631,830	57,799,403	79,388,565	47,868,876	79,391,358	46,839,632
<b>B) QUANTITY</b>												
3	Quantity of Oil supplied by IOCL Company	(Ltr / MT)	187,396	185	-	-	-	-	-	214	-	238
4	Adjustment (+/-) in quantity supplied made by Oil Company	(Ltr / MT)	-	-	-	-	-	-	-	-	-	-
5	Oil supplied by Oil Company (3+4)	(Ltr / MT)	187,396	185	-	-	-	-	-	214	-	238
6	Net Oil Supplied (3-4)	(Ltr / MT)	187,396	185	-	-	-	-	-	214	-	238
<b>C) PRICE</b>												
7	Amount charged by the Oil Company (IOCL)	(Rs.)	17,658,855	12,338,516	-	-	-	-	-	12,455,927	-	13,714,280
8	Adjustment (+/-) in amount charged made by IOCL	(Rs.)	-	-	-	-	-	-	-	-	-	-
9	Handling and such other similar charges	(Rs.)	-	-	-	-	-	-	-	-	-	-
10	Total amount Charged (8+9+10)	(Rs.)	17,658,855	12,338,516	-	-	-	-	-	12,455,927	-	13,714,280
<b>D) TRANSPORTATION</b>												
11	Transportation charges by rail/ship/road transport	(Rs.)	-	-	-	-	-	-	-	-	-	-
12	Adjustment (+/-) in amount charged made by Railways/Transport Company	(Rs.)	-	-	-	-	-	-	-	-	-	-
13	Demurrage Charges, if any	(Rs.)	-	-	-	-	-	-	-	-	-	-
14	Cost of diesel in transporting Oil through MGR system, if applicable	(Rs.)	-	-	-	-	-	-	-	-	-	-
15	Total Transportation Charges (11+12+13+14)	(Rs.)	-	-	-	-	-	-	-	-	-	-
16	Total amount Charged for Oil supplied including Transportation (11+15)	(Rs.)	17,658,855	12,338,516	-	-	-	-	-	12,455,927	-	13,714,280
<b>E) TOTAL COST</b>												
17	Landed cost of Oil (2+16)/(1+6)	Rs./ (MT / KL)	73.47	47,792.29	69.65	44,612.07	69.65	44,612.07	69.65	44,612.07	69.65	42,063.74
<b>F) QUALITY</b>												
18	GCV of Domestic Oil supplied as per bill of Oil Company (Eq Basis)	(kCal/Kg)	10,600	10,000	10,600	10,000	10,600	10,000	10,600	10,000	10,600	10,000
HFO in KL			1,242	1,261	1,456	1,519	1,618	1,618	1,519	1,456	1,618	1,618
HFO Value			49,296,387	50,061,484	57,799,403	60,324,803	60,553,911	60,553,911	60,324,803	57,799,403	60,553,911	60,553,911
Landed cost of Oil			73,474	39,705	69,653	39,705	69,653	39,705	69,653	39,705	69,653	37,437
Weighted Average Price of SFO (10 : 40)			39,111	38,729	38,729	38,729	38,729	38,729	38,729	38,729	38,729	36,915

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Form 15 OPGC-2 (2\*660) Oil 2023-24

No.	Month	UoM	May'2023		April'2023	
			LDO (Ltr)	HFO (MT)	LDO (Ltr)	HFO (MT)
<b>A) OPENING QUANTITY</b>						
5	Opening Quantity of Oil	(Ltr / MT)	1,139,813	1,201	1,139,813	1,219
2	Value of Stock	(Rs.)	79,391,358	46,839,632	79,391,358	47,531,847
<b>B) QUANTITY</b>						
3	Quantity of Oil supplied by IOCL Company	(Ltr / MT)				
4	Adjustment (+/-) in quantity supplied made by Oil Company	(Ltr / MT)				
5	Oil supplied by Oil Company (3+4)	(Ltr / MT)				
6	Net Oil Supplied (3-4)	(Ltr / MT)				
<b>C) PRICE</b>						
7	Amount charged by the Oil Company (IOCL)	(Rs.)				
8	Adjustment (+/-) in amount charged made by IOCL	(Rs.)				
9	Handling and such other similar charges	(Rs.)				
10	Total amount Charged (8+9+10)	(Rs.)				
<b>D) TRANSPORTATION</b>						
11	Transportation charges by rail/ship/road transport	(Rs.)				
12	Adjustment (+/-) in amount charged made by Railways/Transport Company	(Rs.)				
13	Demurrage Charges, if any	(Rs.)				
14	Cost of diesel in transporting Oil through MGR system, if applicable	(Rs.)				
15	Total Transportation Charges (11+12+13+14)	(Rs.)				
16	Total amount Charged for Oil supplied including Transportation (11+15)	(Rs.)				
<b>E) TOTAL COST</b>						
17	Landed cost of Oil (2+16)/(1+6)	Rs./ (MT / KL)	69.65	38,987.05	69.65	38,987.05
<b>F) QUALITY</b>						
18	GCV of Domestic Oil supplied as per bill of Oil Company (Eq Basis)	(kCal/Kg)	10,600	10,000	10,600	10,000
<b>Summary</b>						
	HFO in KL	KL		1,350		1,370
	HFO Value	Rs/Ltr		46,839,632		47,531,847
	Landed cost of Oil	Rs/Ltr	69,653	34,698	69,653	34,698
	Weighted Average Price of SFO (10 : 40)		34,724		34,724	

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Form 15 OPGC-2 (2*660) Coal 2023-24											
No.	Month	UoM	March/2024	Feb/2024	Jan/2024	Dec/2023	Nov/2023				
			Total	Total	Total	Total	Total				
<b>A) OPENING QUANTITY</b>											
1	Opening Quantity of Coal/Lignite	(MT)	154,952	169,705	177,859	123,646	159,890				
2	Value of Stock	(Rs.)	275,847,080	302,986,575	319,355,074	221,211,698	289,481,776				
<b>B) QUANTITY</b>											
3	Quantity of Coal supplied by MCL / OCPL Company	(MT)	491,314.9	556,888.8	633,072.1	536,282.8	536,332.4				
4	Adjustment (+/-) in quantity supplied made by Coal Company	(MT)									
5	Coal supplied by Coal Company (3+4)	(MT)	491,315	556,889	633,072	536,283	536,332				
6	Normative Transit & Handling Losses (For coal/Lignite based Projects)	(MT)	(3,550)	519	1,266	188	858				
7	Net coal / Lignite Supplied (5 - 6)	(MT)	494,865	556,370	631,806	536,095	535,474				
<b>C) PRICE</b>											
8	Amount charged by the Coal Company ( MCL ) / OCPL	(Rs.)	829,887,706	942,477,001	1,071,409,399	907,603,466	907,687,409				
9	Adjustment (+/-) in amount charged made by MCL / OCPL	(Rs.)	509,459,727	12,751,439	16,153,403	16,173,861	16,081,938				
10	Handling, Sampling and such other similar charges	(Rs.)	47,104,140	19,600,991	23,473,242	23,708,396	19,118,252				
11	Total amount Charged (8+9+10)	(Rs.)	1,386,451,573	974,829,432	1,111,036,044	947,485,723	942,887,599				
<b>D) TRANSPORTATION</b>											
12	Transportation charges by rail/ship/road transport	(Rs.)									
	By Rail										
	By Road										
	By Ship										
13	Adjustment (+/-) in amount charged made by Railways/Transport Company	(Rs.)									
14	Demurrage Charges, if any	(Rs.)									
15	Cost of diesel in transporting coal through MGR system, if applicable	(Rs.)	13,671,323	15,673,212	17,420,522	16,237,575	13,223,310				
16	Total Transportation Charges (12+13+14+15)	(Rs.)	13,671,323	15,673,212	17,420,522	16,237,575	13,223,310				
17	Total amount Charged for coal supplied including Transportation (11+16)	(Rs.)	1,400,122,896	990,502,644	1,128,456,566	963,723,298	956,110,909				

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Form 15 OPGC-2 (2*660) Coal 2023-24									
No.	Month	UoM	March/2024	Feb/2024	Jan/2024	Dec/2023	Nov/2023		
E)	TOTAL COST		Total	Total	Total	Total	Total	Total	Total
18	Landed cost of coal/ Lignite (2+17)/(1+7)	Rs./MT	2,579.14	1,781.48	1,788.16	1,796.06	1,791.28		
F)	QUALITY								
19	GCV of Domestic Coal supplied of the opening Coal stock as per bill of Coal Company (Eq Basis)	kCal/Kg	3,384	3,389	3,397	3,387	3,374		
20	GCV of Domestic Coal supplied as per bill of Coal Company (Eq Basis)	kCal/Kg	3,375	3,382	3,387	3,399	3,392		
22	GCV of Imported Coal supplied as per bill of Coal Company (Eq Basis)	kCal/Kg							
23	Weighted average GCV of Coal/ lignite as billed	kCal/Kg	3,377	3,384	3,389	3,397	3,387		
24	GCV of Domestic Coal supplied of the opening Coal stock as received at station (TM Corrected)	kCal/Kg	3,102	3,092	3,122	3,110	3,066		
25	GCV of Domestic Coal supplied as received at Station (TM Corrected)	kCal/Kg	3,014	3,105	3,084	3,125	3,123		
28	Weighted average GCV of Coal/ lignite supplied as received	kCal/Kg	3,035	3,102	3,092	3,122	3,110		
24.i	GCV of Domestic Coal supplied of the opening Coal stock as Billed (TM Corrected)	kCal/Kg	3,077	3,083	3,087	3,069	3,040		
25.i	GCV of Domestic Coal supplied as Billed (TM Corrected)	kCal/Kg	3,088	3,075	3,082	3,091	3,078		
	As billed IM	%							
	As billed TM	%							
28.i	Weighted average GCV of Coal/ lignite supplied as Billed (TM Corrected)	kCal/Kg	3,085.14	3,077.17	3,083.34	3,086.88	3,068.93		



Amresh Kumar Satapathy

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Form 15 OPGC-2 (2*660) Coal 2023-24												
No.	Month	UoM	Oct'2023	Sep'2023	August'2023	July'2023	June'2023	May'2023	April'2023			
			Total	Total	Total	Total	Total	Total	Total	Total	Total	Total
<b>A) OPENING QUANTITY</b>												
1	Opening Quantity of Coal/Lignite	(MT)	181,375	211,902	206,952	210,550	231,325	215,274.55	159,409			
2	Value of Stock	(Rs.)	324,992,557	379,368,601	373,779,565	385,706,878	417,552,621	395,165,017	308,079,928			
<b>B) QUANTITY</b>												
3	Quantity of Coal supplied by MCL / OCPL Company	(MT)	344,644.6	488,209.1	534,154.9	590,660.2	499,103.2	628,860.70	644,623.4			
4	Adjustment (+/-) in quantity supplied made by Coal Company	(MT)	-	-	-	-	-	-	-			
5	Coal supplied by Coal Company (3+4)	(MT)	344,645	488,209	534,155	590,660	499,103	628,861	644,623			
6	Normative Transit & Handling Losses (For coal/Lignite based Projects)	(MT)	551	549	1,068	380	998	1,195	1,225			
7	Net coal / Lignite Supplied (5 - 6)	(MT)	344,094	487,660	533,087	590,280	498,105	627,665.86	643,399			
<b>C) PRICE</b>												
8	Amount charged by the Coal Company ( MCL) / OCPL	(Rs.)	583,275,528	826,243,675	904,002,214	999,631,621	844,680,818	1,064,282,038	1,090,958,786			
9	Adjustment (+/-) in amount charged made by MCL / OCPL	(Rs.)	12,872,929	8,610,212	14,952,118	27,337,575	29,294,670	22,645,949	31,003,726			
10	Handling, Sampling and such other similar charges	(Rs.)	19,208,578	23,997,298	17,158,637	16,528,931	30,509,165	16,399,156	16,217,784			
11	Total amount Charged (8+9+10)	(Rs.)	615,357,036	858,851,185	936,112,969	1,043,498,127	904,484,653	1,103,327,143	1,138,180,296			
<b>D) TRANSPORTATION</b>												
12	Transportation charges by rail/ship/road transport	(Rs.)	-	-	-	-	-	24,583,752	25,729,551			
	By Rail		-	-	-	-	-	-	-			
	By Road		-	-	-	-	-	-	-			
	By Ship		-	-	-	-	-	-	-			
13	Adjustment (+/-) in amount charged made by Railways/Transport Company	(Rs.)	-	-	-	-	-	-	-			
14	Demurrage Charges, if any	(Rs.)	-	-	-	-	-	-	-			
15	Cost of diesel in transporting coal through MGR system, if applicable	(Rs.)	12,014,753	16,258,806	16,912,456	17,872,478	16,038,418	15,026,607	14,366,762			
16	Total Transportation Charges (12+13+14+15)	(Rs.)	12,014,753	16,258,806	16,912,456	17,872,478	16,038,418	39,610,359	40,096,312			
17	Total amount Charged for coal supplied including Transportation (11+16)	(Rs.)	627,371,789	875,109,991	953,025,425	1,061,370,605	920,523,071	1,142,937,502	1,178,276,608			



*James Kumar Satapathy*

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Form 15 OPGC-2 (2*660) Coal 2023-24																
No.	Month	UoM	Oct'2023		Sep'2023		August'2023		July'2023		June'2023		May'2023		April'2023	
			Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total		
E)	TOTAL COST															
18	Landed cost of coal/ Lignite (2+17)/(1+7)	Rs./MT	1,812.41	1,793.23	1,792.89	1,806.97	1,834.41	1,824.69	1,851.45							
F)	QUALITY															
19	GCV of Domestic Coal supplied of the opening Coal stock as per bill of Coal Company (Eq Basis)	kCal/Kg	3,387	3,408	3,454	3,447	3,421	3,458	3,539							
20	GCV of Domestic Coal supplied as per bill of Coal Company (Eq Basis)	kCal/Kg	3,366	3,378	3,391	3,457	3,459	3,404	3,429							
22	GCV of Imported Coal supplied as per bill of Coal Company (Eq Basis)	kCal/Kg														
23	Weighted average GCV of Coal/ lignite as billed	kCal/Kg	3,374	3,387	3,408	3,454	3,447	3,418	3,451							
24	GCV of Domestic Coal supplied of the opening Coal stock as received at station (TM Corrected)	kCal/Kg	3,082	3,050	2,994	3,056	3,158	3,193	3,222							
25	GCV of Domestic Coal supplied as received at Station (TM Corrected)	kCal/Kg	3,058	3,096	3,072	2,972	3,009	3,148	3,170							
28	Weighted average GCV of Coal/ lignite supplied as received	kCal/Kg	3,066	3,082	3,050	2,994	3,056	3,160	3,180							
24.1	GCV of Domestic Coal supplied of the opening Coal stock as Billed (TM Corrected)	kCal/Kg	3,034	3,072	3,119	3,134	3,101	3,146	3,226.83							
25.1	GCV of Domestic Coal supplied as Billed (TM Corrected)	kCal/Kg	3,043	3,018	3,053	3,114	3,149	3,081	3,118							
	As billed IM	%														
	As billed TM	%														
28.1	Weighted average GCV of Coal/ lignite supplied as Billed (TM Corrected)	kCal/Kg	3,039.74	3,034.30	3,071.86	3,119.47	3,133.74	3,097	3,140							



*Hanesh Kumar Satapathy*

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**Details of Capital Spares**

Name of the Petitioner: Odisha Power Generation Corporation Limited

PART-1  
FORM-17

Name of the Generating Station: IB TPS Units 3 & 4

S. No.	Details of Capital Spares and Expenses		Claimed as a part of additional Capitalisation	Funded through compensatory allowance	Funded through Special allowance (If Applicable)	Claimed as a part of stores and spares
	Name of spare	Amount in Rs. Crore				
1	FY 2024-25	11.78	No	No	No	No
2	FY 2025-26	37.92	No	No	No	No
3	FY 2026-27	0.50	No	No	No	No
4	FY 2027-28	8.10	No	No	No	No
5	FY 2028-29	0.00	No	No	No	No
6						
7						
8						

(Petitioner)

*Harish Kumar Satapathy*



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**Non Tariff Income**

Name of the Petitioner: Odisha Power Generation Corporation Limited

PART-1

Name of the Generating Station: IB TPS Units 3 & 4

FORM-18

(Rs. in Crore)

Sl. No	Particulars	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29
1	2	3	4	5	6	7
	<b>Non Tariff Income</b>					
1	Income from rent of land or buildings	2.40	2.40	2.40	2.40	2.40
2	Income from sale of scrap	0.00	0.00	0.00	0.00	0.00
3	<b>Income from investments</b>	0.00	0.00	0.00	0.00	0.00
4	Income from sale of ash/rejected coal	0.00	0.00	0.00	0.00	0.00
5	Interest income on advances to suppliers/contractors	0.00	0.00	0.00	0.00	0.00
6	Net Income from supply of electricity	0.04	0.04	0.04	0.04	0.04
7	Income from rental from staff quarters	0.05	0.05	0.05	0.05	0.05
8	Income from rental from contractors	0.01	0.01	0.01	0.01	0.01
9	Income from hire charges from contactors and others	0.00	0.00	0.00	0.00	0.00
10	Income from advertisements	0.00	0.00	0.00	0.00	0.00
11	Income from sale of tender documents	0.00	0.00	0.00	0.00	0.00
12	Any other Non-Tariff Income	0.00	0.00	0.00	0.00	0.00
	<b>Non Tariff Income (excluding Income from Investment) to be shared with GRIDCO (50:50)</b>	<b>1.25</b>	<b>1.25</b>	<b>1.25</b>	<b>1.25</b>	<b>1.25</b>

(Petitioner)

*Harish Kumar Satapathy*



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**Details of Water Charges**

Name of the Petitioner: Odisha Power Generation Corporation Limited

PART-1

Name of the Generating Station: IB TPS Units 3 & 4

FORM-19

(Rs. in Crore)

S. No.	Details of Water charges (excluding water cess)		Quantity allocated	Normative consumption at 85% PLF	Rate specified (as per govt. notification or agreement)	Spillage of water (in percentage)	Amount Claimed
	Name of source and quantity	Amount	(in Cusec)	Unit ....	(in Rs/m3)		
1	FY 2024-25	NA	40.72		10.08		36.65
2	FY 2025-26		40.72		10.67		38.69
3	FY 2026-27		40.72		11.26		40.73
4	FY 2027-28		40.72		11.85		42.88
5	FY 2028-29		40.72		12.44		44.80
							<b>203.75</b>

\* Water Charges escalated by 59 Paise/M3 every year

(Petitioner)

*Harish Kumar Satapathy*



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## Details of Other Charges

FORM -20

Name of the Petitioner: Odisha Power Generation Corporation Limited

Name of the Generating Station: IB TPS Units 3 &amp; 4

## Other Charges (Rs. Crore)

S. No.	Particulars	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29
		Estimated	Estimated	Estimated	Estimated	Estimated
1	Electricity Duty	31.08	31.08	31.08	31.08	31.08
2	SOC and MOC of SLDC	1.53	1.53	1.53	1.53	1.53
3	Inspection Fees	0.23	0.23	0.23	0.23	0.23
4	SPCB	0.00	0.00	0.00	0.00	0.00
5	Tax & Cess on Land	3.07	3.07	3.07	3.07	3.07
6	CTO	0.72	0.72	0.72	0.72	0.72
7	ARR & Tariff Petition fee and publication expenses	0.30	0.00	0.00	0.00	0.00
8	<b>Total</b>	<b>36.94</b>	<b>36.64</b>	<b>36.64</b>	<b>36.64</b>	<b>36.64</b>

(Petitioner)

*Hanuman Kumar Satapathy*

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O&M Expenses

Name of the Petitioner : Odisha Power Generation Corporation Limited

Name of the Generating Station: IB TPS Units 3 & 4

Year Ending March  
(Rs. In Crore)

S.No.	Particulars	Units	Reference	Control Period as per OERC (Terms and Conditions for Determination of Generation Tariff) Regulations, 2024				
				FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29
1		3	4	5	6	7	8	9
1	O&M Expense norms for Unit (per MW)	Rs. Lakh	Norms for O&M	25.78	27.13	28.56	30.06	31.64
2	O&M Expense norms for Unit (per MW)	Rs. Lakh		25.78	27.13	28.56	30.06	31.64
3	Unit size	MW		660	660	660	660	660
4	No of Units	No.		2	2	2	2	2
5	O&M expense in Rs. Cr	Rs. Cr.		340.30	358.12	376.99	396.79	417.65
6	Allocation of corporate O&M Expense %	%	Based on Installed Capacity	-	-	-	-	-
7	Allocation of corporate O&M Expense in Rs. Cr	Rs. Cr.		-	-	-	-	-
8	<b>Total O&amp;M expense</b>	<b>Rs. Cr.</b>		<b>340.30</b>	<b>358.12</b>	<b>376.99</b>	<b>396.79</b>	<b>417.65</b>

Water Charges	
Water Charges	Rs. Cr.
	36.65
	38.69
	40.73
	42.88
	44.80

Security expenses	
Security Charges	Rs. Cr.
	0.00
	0.00
	0.00
	0.00
	0.00

Capital Spares	
Capital Spares	Rs. Cr.
	11.78
	37.92
	0.50
	8.10
	0.00

Ash Utilisation Expenses	
Ash Transportation and Other Expenses	Rs. Cr.
	124.85
	149.37
	163.88
	163.88
	163.88

(Petitioner)

*Officer Kumar Satapathy*



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**Energy Charges for Thermal Generation**

Name of the Petitioner : Odisha Power Generation Corporation Limited

Name of the Generating Station: IB TPS Units 3 & 4

Particulars	Units	Reference	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29
<b>Operational Parameter</b>							
<b>Number of Units</b>							
Upto 250 MW							
More than 250 MW			2	2	2	2	2
Total Capacity	MW		1320	1320	1320	1320	1320
Availability	%		85.00%	85.00%	85.00%	85.00%	85.00%
PLF	%		85.00%	85.00%	85.00%	85.00%	85.00%
Gross Generation	MU		9828.72	9828.72	9828.72	9855.65	9828.72
Auxiliary Energy Consumption	%		5.75%	5.75%	5.75%	5.75%	5.75%
Auxiliary Energy Consumption	MU		565.15	565.15	565.15	566.70	565.15
Net Generation	MU		9263.57	9263.57	9263.57	9288.95	9263.57
Heat Rate	kcal/kwh		2171.51	2171.51	2171.51	2171.51	2171.51
<b>Fuel Parameters</b>							
<b>Calorific Value for Different Fuels</b>							
Fuel 5 (Indigenous Coal)	kcal/Kg	From 15 ( C )	3083	3083	3083	3083	3083
Fuel 4 (Imported Coal)	kcal/Kg	From 15 ( C )					
Fuel 1 (HFO)	kcal/Ltr.	From 15 ( O )	10000	10000	10000	10000	10000
Fuel 2(HSD)	kcal/Ltr.	From 15 ( O )					
Fuel 3 (LDO)	kcal/Ltr.	From 15 ( O )	10600	10600	10600	10600	10600
<b>Landed Fuel Price for different fuels</b>							
Fuel 5 (Indigenous Coal)	Rs/MT	From 15 ( C )	1865	1865	1864.61	1864.61	1864.61
Fuel 4 (Imported Coal)	Rs/MT	From 15 ( C )					
Fuel 1 (HFO)	Rs/KL	From 15 ( O )	42542	42542	42542	42542	42542
Fuel 2(HSD)	Rs/KL	From 15 ( O )					
Fuel 3 (LDO)	Rs/KL	From 15 ( O )	72032	72032	72032	72032	72032
<b>Specific Fuel Consumption</b>							
Fuel 5 (Indigenous Coal)	Kg/kWh		0.70	0.70	0.70	0.70	0.70
Fuel 4 (Imported Coal)	Kg/kWh						
Fuel 1 (HFO)	ml/kWh		0.00	0.00	0.00	0.00	0.00
Fuel 2(HSD)	ml/kWh						
Fuel 3 (LDO)	ml/kWh		0.50	0.50	0.50	0.50	0.50
<b>Total Fuel Consumption</b>							
Fuel 5 (Indigenous Coal)	MT		6906601	6906601	6906601	6925524	6906601
Fuel 4 (Imported Coal)	MT						
Fuel 1 (HFO)	KL		0	0	0	0	0
Fuel 2(HSD)	KL						
Fuel 3 (LDO)	KL		4914	4914	4914	4928	4914
<b>Heat Content (each fuel separately)</b>							
Fuel 5 (Indigenous Coal)	Million kcal		21291072	21291072	21291072	21349403	21291072
Fuel 4 (Imported Coal)	Million kcal						
Fuel 1 (HFO)	Million kcal		0	0	0	0	0
Fuel 2(HSD)	Million kcal						
Fuel 3 (LDO)	Million kcal		52092	52092	52092	52235	52092
<b>Total Fuel Cost</b>							
Fuel 5 (Indigenous Coal)	Rs Crore		1287.81	1287.81	1287.81	1291.34	1287.81
Fuel 4 (Imported Coal)	Rs Crore						
Fuel 1 (HFO)	Rs Crore		0.00	0.00	0.00	0.00	0.00
Fuel 2(HSD)	Rs Crore						
Fuel 3 (LDO)	Rs Crore		35.40	35.40	35.40	35.50	35.40
Total fuel Cost			1323.21	1323.21	1323.21	1326.83	1323.21
Energy Charges per unit			142.84	142.84	142.84	142.84	142.84

(Petitioner)

*Amresh Kumar Satapathy*



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**PART I**  
**FORM-I**

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

Name of the Petitioner: Odisha Power Generation Corporation Limited  
Name of the Generating Station: IB TPS Units 3 & 4

S. No.	Name of the Asset	Nature of de-capitalization (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	Whether earning RoE at the normal rate of weightage average rate of interest on loan
1	2	3	4	5	6	7
NA						

Note: Year wise detail need to be submitted.

*Pranesh Kumar Satapathy*  
(Petitioner)



FORM-N						
Calculation of Interest on Normative Loan						
Name of the Petitioner: Odisha Power Generation Corporation Limited						
Name of the Generating Station: IB TPS Units 3 & 4						
Sl. No	Particulars	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29
1	2	3	4	5	6	7
A						
1		7912.28	7912.28	7912.28	7912.28	7912.28
2	Cumulative repayments of Loans upto previous year	2289.63	2827.11	3373.40	3929.90	4493.56
3	Net loan - Opening	5622.65	5085.16	4538.88	3982.38	3418.72
4	Receipts during the year	0.00	0.00	0.00	0.00	0.00
5	Repayment during the year	537.49	546.28	556.50	563.66	566.29
6	Net loan - Closing	5085.16	4538.88	3982.38	3418.72	2852.43
7	Average Net Loan	5353.91	4812.02	4260.63	3700.55	3135.57
8	Rate of Interest on Loan	9.09%	9.09%	9.09%	9.09%	9.09%
9	Interest on loan	486.46	437.22	387.12	336.23	284.90
10	Add : Finance Charges	0.00	0.00	0.00	0.00	0.00
11	Less: Interest During Construction	0.00	0.00	0.00	0.00	0.00
	Less: Sharing due to Loan Refinancing	0.00	0.00	0.00	0.00	0.00

(Petitioner)

*Harish Kumar Satapathy*

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		FORM-O							
		Calculation of Interest on Working Capital							
		Name of the Petitioner: Odisha Power Generation Corporation Limited							
		Name of the Generating Station: IB TPS Units 3 & 4							
		(Rs. In Crore)							
Sl. No.	Particulars	Norms considered		FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	
1	Cost of coal	40	days	365	365	365	366	365	
2	Cost of secondary fuel oil	1	month	141.13	141.13	141.13	141.13	141.13	
3	Maintenance spares (as % of O&M expenses)	20%		2.95	2.95	2.95	2.96	2.95	
4	Receivables	45	days	102.72	116.82	116.42	122.33	125.27	
5	O&M expenses	1	month	421.13	428.28	426.65	426.73	424.18	
6	Working capital Loan Requirement			42.80	48.68	48.51	50.97	52.19	
7	Rate of Interest	11.65%		710.72	737.86	735.66	744.12	745.72	
8	Interest on Working Capital			11.65%	11.65%	11.65%	11.65%	11.65%	
				82.80	85.96	85.70	86.69	86.88	

(Petitioner)

*Alfred Kumar Satapathy*



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