

**Summary of ARR & Transmission
Tariff Filings**

Submitted by
OPTCL

**For
FY 2022-23**

Summary of OPTCL's ARR & Transmission Tariff filing
For FY 2022-23

- 1) In exercise of powers conferred under Sections 39,131,133 and 134 of the Electricity Act, 2003 read with Sections 23 & 24 of the Orissa Electricity Reform Act, 1995, the State Government published the Orissa Electricity Reform (Transfer of Transmission and Related Activities) Scheme, 2005 ("Transfer Scheme") in the Gazette dated 09.06.2005 which was effective retrospectively from 01.04.2005 wherein the Transmission Undertaking (the Undertaking related to the activities of Transmission, State Transmission Utility and State Load Dispatch Centre and acts incidental and ancillary thereto) of the Grid Corporation of Odisha Limited (Transferor), (now renamed GRIDCO Ltd.- "GRIDCO") has been transferred and vested in Odisha Power Transmission Corporation Limited ("OPTCL").
- 2) As per Clause 10 of the Transfer Scheme, OPTCL is a deemed Transmission Licensee under Section 14 of the Electricity Act 2003 for undertaking the business to transmit electricity in the State of Odisha. OPTCL has also been notified as the State Transmission Utility and accordingly, shall discharge the State Load dispatch functions from the date of transfer till further orders of the State Government.
- 3) The Commission (hereinafter referred to as 'OERC') has issued License Conditions of OPTCL effective from 01.11.2006 vide order dated 27.10.2006 passed in Case No 22 of 2006 to undertake the activities relating to transmission of electricity in the State of Odisha.
- 4) Consequent upon transfer of Transmission undertaking and related functions to OPTCL as per the Transfer Scheme, all the obligations under Bulk Supply Agreement executed on 24.05.1999 between GRIDCO & WESCO (now Tata Power Western Odisha Distribution Limited - "TPWODL"), GRIDCO & NESCO (now Tata Power Northern Odisha Distribution Limited - "TPNODL") and GRIDCO & SOUTHCO (now Tata Power Southern Odisha Distribution Limited - "TPSODL") and the same was executed on 18.09.1999 between GRIDCO & CESCO (now Tata Power Central Odisha Distribution Limited - "TPCODL"), including all other contracts of GRIDCO with any party other than those four Distribution Licensees, in so far they relate to transmission of electricity and matter connected therewith including the provisions dealing with operating arrangements, connections & metering, rights of access, non-interfering with the equipment etc. is required to be discharged by OPTCL in the same manner as GRIDCO was doing / performing under the said agreements and also as per the Regulations, orders and directions of OERC made from time to time and all such services shall be rendered by OPTCL to GRIDCO. Since, CESU has been vested with TPCODL (Tata Power Central Odisha Distribution

Limited) w.e.f. 01.06.2020 by order dated 26.05.2020 of OERC in Case No. 27/2020, Bulk Power Transmission and SLDC Agreement between OPTCL and TPCODL was executed on 30.07.2020. WESCO has been vested with TPWODL (Tata Power Western Odisha Distribution Limited) w.e.f. 01.01.2021 by order dated 28.12.2020 of OERC in Case No. 82/2020, Bulk Power Transmission and SLDC Agreement between OPTCL and TPWODL was executed on 29.04.2021. NESCO has been vested with TPNODL (Tata Power Northern Odisha Distribution Limited) w.e.f. 01.04.2021 by order dated 25.03.2021 of OERC in Case No. 09/2021, Bulk Power Transmission and SLDC Agreement between OPTCL and TPNODL was executed on 27.04.2021. SOUTHCO has been vested with TPSODL (Tata Power Southern Odisha Distribution Limited) w.e.f. 01.01.2021 by order dated 28.12.2020 of OERC in Case No. 83/2020, Bulk Power Transmission and SLDC Agreement between OPTCL and TPSODL was executed on 29.04.2021.

- 5) As provided under Regulation 53 (1) at Chapter VIII of OERC (Conduct of Business) Regulations, 2004 and under Clause 19.3 of License Conditions of OPTCL, OPTCL is required to submit its Aggregate Revenue Requirement (ARR) application for the ensuing year before OERC for approval by 30th November each year under Regulation 5.2 of the OERC (Terms and Conditions for Determination of Transmission Tariff) Regulations, 2014. In compliance to the above, OPTCL has submitted its Aggregate Revenue Requirement & Transmission Tariff application for FY 2022-23 for approval of the Commission. Although the applicability of the Transmission Tariff Regulations, 2014 has ceased to continue beyond 31.03.2019, the Commission vide para 186 of the order dated 21.04.2020 (Case No. 72/2019) in exercise of power conferred under Regulation 9.1 of the Transmission Tariff Regulations, 2014 has extended the same until further order. Hence, OPTCL has adopted the principles enunciated in the Transmission Tariff Regulations, 2014 for proposing the different components of ARR for FY 2022-23.

Categorization of Open Access Customers

- 6) All the customers seeking open access to OPTCL Transmission System are classified under three categories:

(a) Long Term Open Access Customers (LTOA Customers)

A Long Term Open Access Customer means the right to use the Intra-State Transmission System for a period of exceeding 12 years but not exceeding 25 years. Based on such premise, four DISCOMs, NALCO, IMFA and BEL happen to be the long term customers of OPTCL.

(b) Medium Term Open Access Customers (MTOA Customers)

Medium Term Open Access means the open access for a period exceeding three (3) months but not exceeding three (3) years.

(c) Short Term Open Access Customers (STOA Customers)

Short Term Open Access means open access for a period up to one (1) month at a time. Medium-term open access or short-term open access shall be granted if the resultant power flow can be accommodated in the existing transmission system or the transmission system under execution, provided no augmentation shall be carried out transmission system for the sole purpose of granting such open access.

Formulation and Computation of Transmission Cost

- 7) The Commission has framed OERC (Terms and Conditions for Determination of Transmission Tariff) Regulations, 2014 (hereinafter called “OERC Regulations, 2014”) for determination of Intra-State Transmission Tariff which has been published in Extra Ordinary issue of the Odisha Gazette on 04.12.2014. The said Regulations are effective from 04.12.2014 and are to be followed by the Transmission Licensee while formulating its ARR and Transmission Tariff application. This Regulation was valid till 31.03.2021. The Commission in exercise of power conferred under Regulation 9.1 of the OERC Regulations, 2014 had extended same till further orders vide its order dated 21.04.2020 in Case no. 72 of 2019.
- 8) OPTCL has formulated its present ARR & Transmission Tariff application for FY 2022-23 as per the provisions under OERC Regulations, 2014. Regulation 5 of the OERC Regulations, 2014 specifies the Procedure for Tariff Determination and Regulation 8 specifies the Principles for Determination of ARR. As per the Regulation 8.1, the ARR for the Transmission Business for each year shall contain the following items:
- (a) Operation and Maintenance expenses;
 - (b) Interest and Financial Charges;
 - (c) Depreciation;
 - (d) Return on Equity;
 - (e) Income Tax;
 - (f) Deposits from Transmission System Users;
 - (g) Less: Non-Tariff Income
 - (h) Less: Income from Other Business as specified in these Regulations

9) The various costs involved for carrying out transmission business by OPTCL for FY 2022-23 while formulating the ARR and Transmission Tariff have been categorized under the following heads:

I. Fixed Cost

- 1) Operation & Maintenance (O & M) Expenses
- 2) Interest and Financial Charges
- 3) Depreciation
- 4) Return on Equity

II. Others:

- 1) Incentive for System Availability

DETAILS OF FIXED COST

O&M Expenses

10) As per the Regulation 8.2 of OERC Regulations, 2014, Operation and Maintenance (O&M) expenses shall include:

- (a) Salaries, wages, pension contribution and other employee costs;
- (b) Administrative and General Expenses;
- (c) Repairs and Maintenance;
- (d) Expenses related to auxiliary energy consumption in the sub-station for the purpose of air-conditioning, lighting, technical consumption, etc.; and
- (e) Other miscellaneous expenses, statutory levies and taxes (except corporate income tax)

Accordingly, OPTCL proposes O & M Expenses as Rs.718.10 Cr for FY 2022-23.

Salaries, wages, pension contribution and other employee costs

11) OPTCL submitted that, as on 01.04.2021, the no. of employees of OPTCL is 2577 against the sanctioned strength of 5149 (Executive-1916+Non-Executive-3233). A significant number of posts are lying vacant at the base level due to retirement, death, promotion etc. as a result of which functioning of the organization has been seriously affected. OPTCL plans to fill up the vacancies in a phased manner and accordingly the recruitment process has been initiated. In the meantime, some additional manpower has been inducted and more will be recruited in coming years.

- 12) The Employee Cost includes Salaries, Dearness Allowance, Conveyance Allowance/ Reimbursement, HRA, Medical Allowance, Bonus/Ex-gratia etc. The Employee Expenses for FY 2022-23 estimated as **Rs. 526.53 Cr** including Terminal Benefit Liability.
- 13) The Commission had allowed Rs. 35.28 Cr. & Rs.8.82 Cr towards 50% of arrear salary of 7th Pay Revision in the ARR for the FY 2019-20 & 2020-21 respectively. OPTCL has already released 50% of arrear amount of pay revision of Executives and Non-Executives. It is expected that State Govt. will issue notification towards release of the balance 50% in the next FY 2022-23. Therefore, OPTCL has proposed **Rs. 26.01 Cr.** towards balance 50% arrear pay.
- 14) The component wise details of Employee Cost are given in Table-1 below.

Table 1
Employee Cost Proposed by OPTCL for FY 2022-23 (Rs. Cr)

Particulars	Amount
Employee cost including Salary, Dearness Allowance etc.	285.65
Terminal Benefit Liability of Employees and Existing Pensioners	228.11
Balance Arrear salary payment (50%) to Existing Employees	26.01
Less: Capitalization	13.24
Total	526.53

Administrative and General (A&G) Expenses

- 15) OPTCL has proposed Rs. 43.18 Cr. towards A&G Expenses (excluding GCC expenses Rs.0.35 Cr.) for FY 2022-23. The A&G Expenses include property related expenses, communication, professional charges, conveyance and travelling, SLDC charges, license fee and material related expenses. The A&G Expenses have shown an increasing trend in recent years due to increase in number of establishments (for smooth operation, maintenance and project execution), price rise and inflation and is on the higher side than the amount approved by the Commission.

Table 2
A comparative chart of asset addition

Year	No. of Grid substations	MVA capacity	Ckt. Kms. of Line
2012-13	101	11554	11386
2020-21	165	22301	14805

Table 3
Comparative chart of number of Establishments:

Year	Subdivisions	Divisions	Circles	Zones	CGMs	Directors
2012-13	190	38	11	0	5	4
2020-21	285	58	16	5	12	5

Repair and Maintenance (R & M) Expenses

- 16) The R&M works of OPTCL are undertaken in different streams namely O&M, Telecom, Civil Works and Information Technology (IT). The proposed R&M Expenses for FY 2022-23 is Rs. 148.04 Cr, as shown in the Table-4 below:

Table 4
Repairs and Maintenance Expenses for FY 2022-23 (Rs.Cr)

Particulars	OERC Approval (FY 2020-21)	OERC Approval (FY 2021-22)	Projection (FY 2022-23)
(i) O&M	115.22	118.61	124.53
(ii) Telecom			4.67
(iii) Civil Works			14.57
(iv) Information Technology			4.26
Total R & M Expenses			Rs.148.04Cr.

- 17) As on 01.04.2021, OPTCL owns 165 nos. Grid Sub-Stations of different voltage classes and EHT transmission lines of 14,804.617 ckt. kms. as shown in the Table-5 below. Further around 27 new grid substations are proposed to be commissioned during the year 21-22 and 22-23.

Table 5
Sub-station and line details of OPTCL

Sub-Station and Line Details	
400/220/33kV S/S	1
400/220/132/33kV S/S	3
220/132/33kV S/S	23
220/33kV S/S	12
220/132kV S/S	1
132kV Sw. Stn.	22
132/33kV S/S	101
132/33/25kV S/S	1
132/33/11kV S/S	1
Total No. of Sub-Stations	165

Sub-Station and Line Details		
Voltage Level	Lines (ckt. km.)	Bays
400kV	1196.872	46
220kV	6214.362	378
132kV	7393.383	1051
33kV		1285
25kV		0
11kV		0
TOTAL	14,804.617	2760

Other miscellaneous expenses, statutory levies and taxes (except corporate incometax)

- 18) **Grid Coordination Committee (GCC) Expenses:** Under (GCC) expenses, OPTCL proposes **Rs. 0.35 Cr** towards annual GCC Expenses for FY 2022-23 in line with the Orissa Grid Code (OGC) Regulations, 2006.
- 19) Taking into account the proposed expenditure towards manpower (Employee Cost including Terminal Benefit), Repair & Spares (R&M Expenses) towards consumables, insurance and overheads (A&G Expenses), GCC expenses, OPTCL proposes the O&M Expenses as **Rs.718.10 Cr.** The summary of O&M Expenses for FY 2022-23 is shown in the Table-6 below:

**Table 6
Summary of O&M Expenses for FY 2022-23**

Particulars	Amount
	(Rs. Cr.)
(i) Employees Cost including Terminal Benefits	526.53
(ii) A&G Cost	43.18
(iii) R&M Cost	148.04
(iv) Expenses related to auxiliary energy consumption in sub-stations	0.00
(v) Other miscellaneous expenses, statutory levies and taxes (GCC expenses)	0.35
Total O&M Expenses	718.10

Interest and Financial Charges

Interest on Loan

- 20) OPTCL in its ARR application has proposed Rs.149.25 Cr. as interest on loan capital for FY 2022-23.

Table 7**Projection for Interest on loan for FY 2022-23 (Rs. Cr.)**

	Rate of Interest	Principal as on 01.04.22	Loan to be received (FY 21-22)	Loan to be redeemed (FY 21-22)	Interest payment (FY 22-23)	Total Payment (FY 22-23)
JICA	5.00%	608.89	89.52	49.65	31.44	81.09
Bank of India	7.20%	24.89	-	6.75	1.80	8.55
REC Loan	10.83% (Avg.)	142.27	-	22.63	15.28	37.91
PFC Loan	11.36% (Avg.)	24.26	-	6.74	2.91	9.65
Union Bank of India-I	7.20%	477.24	-	46.67	32.68	79.35
Union Bank of India-II	7.20%	389.79	217.33	-	35.89	35.89
New Loan	7.25%	-	403.48	-	29.25	29.25
Grand Total		1,667.34	620.81	132.44	149.25	281.69

Interest on Working Capital:

- 21) As per the Regulation 8.26 of OERC Regulations, 2014, the rate of interest for working capital shall be on normative basis and shall be equal to the SBI Base Rate plus 300 basis points as on 1st January of the preceding year for which tariff is determined. Provided that in case of STU (OPTCL), the Commission shall determine the quantum of working capital if needed depending on the cash flow position of the licensee and shall allow interest on the same. OPTCL submitted that the Working Capital is estimated as Rs. 293.47 Cr. The interest on working capital works out to Rs. 30.23 Cr. considering interest rate of 10.30%.

Rebate

- 22) OPTCL has projected 2% rebate amounting to Rs. 24.94 Cr. which is calculated based on the projected ARR for the FY 2022-23.

New Projects

- 23) OPTCL proposed to spend Rs. 1842.63 Cr. during FY 2022-23 towards Capital Expenditure (CAPEX) on new projects in different streams of activities like Telecom, O&M, IT, Civil Works and Construction. The summary of proposed CAPEX under various wings is furnished in the Table-8 below.

Table 8
Projected CAPEX - FY 2022-23

Particulars	Amount (Rs. Cr.)
(i) Telecom Wing	29.30
(ii) Existing Assets (O&M Wing)	169.12
(iii) Information Technology (IT Wing)& others	25.34
(iv) Civil Wing	57.99
(v) New Transmission Projects (Construction Wing)	1560.88
Total Capital Expenditure [(i)+(ii)+(iii)+(iv)+(v)]	Rs. 1842.63 Cr.

24) **Capex for telecom related projects:**

OPTCL has proposed an amount of **Rs. 29.30 Cr.** is proposed for FY 2022-23 towards CAPEX pertaining to Telecommunication Wing, the details of which are shown in the Table-9 below.

Table 9
Capex-Telecom Projects-FY 2022-23

Sl. No.	ITEM	Amount (Rs Cr.)
1	Implementation of OPGW communication scheme for upcoming line sections of OPTCL	21.00
2	Provision of Digital Tele-protection coupler (DTPC) in all 220kV and higher kV lines of OPTCL.	8.30
	TOTAL	Rs. 29.30 Cr.

25) **Capex For Existing Assets (O&M Wing)**

An amount of **Rs. 169.12 Cr.** has been proposed for the FY 2022-23 under CAPEX to meet the future load growth basically by way of transformer capacity augmentation / Sub-Station capacity enhancement by installing additional transformers in the existing grid Sub-Stations & to mitigate the over voltage problems by replacement of ACSR LYNX Conductor with ACSR Panther Conductor. Special Projection of Rs. 34.32 Cr. for Sub-Station Automation System (SAS) have been made. The details of item wise CAPEX for O&M related projects are shown in the Table-10 below.

Table 10
Capex-O&M Projects -FY-2022-23

SL NO.	DESCRIPTION	Qty.	UNIT RATE IN Cr.	AMOUNT IN Cr.
1	PROCUREMENT OF TRANSFORMERS WITH COST OF ERECTION			
(I)	160MVA, 220/132 kV (BARGARH, NARENDRAPUR, THERUBALI, TARKERA)	4	6.60	26.40
(II)	40MVA, 132/33 kV (BARPALI, GHESS, ASKA NEW, Budhipadar)	4	3.60	14.40
(III)	20MVA, 132/33 kV (AGARPADA, DHENKIKOTE, UMERKOTE, PATTAMUNDAI, KENDRAPADA, NUAPATNA, RAYAGADA)	7	2.20	15.40
2	Replacement of conductors:			
(I)	132kV Burla (PH)- Boinda SC line			8.74
(II)	220 KV Therubali-Bhanjanagar Line (under Bhanjanagar Division)	106 km		6.67
(III)	132 KV Bhadrak-Soro-Balasore SC Line	74.195 km		4.54
(IV)	132 KV Balasore-Jaleswar SC Line	56 km		3.53
(V)	220KV Therubali-Bhanjanagar Line (under Therubali Division)	65 Km		4.10
(VI)	220KV Joda-TTPS CKT-II Line			0.05
(VII)	132KV Rayagada-Akhusingh SC Line	80km		4.85
3	Testing Laboratories (Burla, Chandaka, Jajpur Road, Berhampur)	4	2.00	8.00
4	Procurement and erection of DG Sets at different Grid S/s :			
(I)	DG Sets (82.5 KVA- 19 Nos.)	19	0.12	2.28
(II)	DG Sets 160 KVA - 8 nos.)	8	0.18	1.44
5	SAS Work at Grid S/S (Mancheswar, Ranasinghpur, Nimapara, Sa deipali, Sambalpur, Katapali, Brajrajnagar, Laxmipur, Balasore, Rairangpur, Paradeep, New Bolangir, Narendrapur, Bidanasi, Budhipadar)			34.32

SL NO.	DESCRIPTION	Qty.	UNIT RATE IN Cr.	AMOUNT IN Cr.
6	Construction of 33KV Feeder Bays at Grid S/S (JHARSUGUDA,KUCHINDA,BRAJRAJ NAGAR,BONAI,BOLANGIR,BOUDH, SONEPUR,BALASORE,BARIPADA, UDALA,BHADRAK,AGARPADA)			4.83
7	Diversion of Lines			9.95
8	Bus Reactor			2.62
9	Other Works			16.99
	Total			169.12

26) **Capex For Information Technology (It) Related Projects**

An amount of **Rs.25.34 Cr.** has been proposed for FY 2022-23 towards CAPEX for infrastructure development of IT, new Implementation of ERP, automation related work and also for new upcoming Projects etc. as given in the Table-11 below:

**Table 11
CAPEX FOR IT PROJECTS FOR FY 2022-23**

Sl. No.	Project Description	Amount (Rs. Cr.)
1	Primary Data Center (PDC)	4.40
2	Smart Grid Initiatives (AMI)	0.50
3	End-User IT System	2.50
4	CCTV & VC	2.50
5	GIS	0.29
6	Intelligent _ERP(SAP), Work Automation, Business Intelligence	13.00
7	Training Centre	2.15
	TOTAL	Rs. 25.34 Cr.

27) **Capex For Civil Works**

OPTCL proposed CAPEX of **Rs. 57.99 Cr.** relating to Civil Works during FY 2022-23 for new upcoming projects which have been detailed in Table-12 below.

Table 12
Capex - Civil Works Projects - FY 2022-23

Sl. No.	Description of Works	Amount (Rs. Cr.)
1	Construction of multi-storied office complexes of OPTCL	31.50
2	Construction of approach roads inside various grid Sub-stations of OPTCL	02.68
3	Construction of Compound wall inside various grid Sub-stations of OPTCL	09.66
4	Construction of Store, Vehicle Sheds and open stockyards inside various grid sub-stations of OPTCL	01.51
5	Construction of retiring rooms, watch tower, control room extensions, minor office buildings inside various grid sub-stations of OPTCL	08.84
6	Construction of Water supply & Sewerage system inside various grid sub-stations & staff quarter colonies of OPTCL	01.80
7	Construction of Tech Tower	02.00
	TOTAL	Rs. 57.99 Cr.

28) CAPEX FOR NEW TRANSMISSION PROJECTS (CONSTRUCTION WING):

OPTCL has proposed to spend an amount of Rs.1560.88 Cr. on transmission related infrastructure during FY 2022-23 to increase the overall system capacity and to strengthen the transmission system network of the state, the details of which are shown in the Table-13 below.

Table 13
Capex-New-Transmission Projects FY2022-23

Sl. No	Description of the Project/Scheme	Expenditure during FY 2021-22			Projected expenditure (FY 2022-23) (Rs. Cr.)
		Actual For First Six Months	Projection or Balance Six Months	Total	
	ONGOING SCHEME				
	2	3	4	5=3+4	6
1	132/33kV Khajuriakata S/S with line	0.15	0.06	0.21	
2	Diversion of 132kV Dhenkanal-Nuapatna line with 132kV B.Extn at Nuapatna S/S		0.20	0.20	
3	132kV Bhadrak-Anandpur S/C line	0.92	1.30	2.22	
4	132/33kV Agarpada S/S with line	-	0.70	0.70	-
5	220/132kV Atri (Karadagadia) S/S with line		1.20	1.20	
6	220/132/33kV Pratapsasan S/S with line	7.56	14.84	22.40	
7	3rd ICT at 400/220kV New Duburi S/S	1.23	2.50	3.73	2.00
8	132kV Nuapatna-Banki S/C line		0.35	0.35	

Sl. No	Description of the Project/Scheme	Expenditure during FY 2021-22			Projected expenditure
9	Const of 132/33 Kv Grid S/S Banki		0.10	0.10	
10	Const of 132/33 Kv Grid S/S IIT Argul	0.13		0.13	
11	2X20MVA, 132/33kV R.Udayagiri S/S with line		1.00	1.00	
12	132/33kV Brajabiharipur, Cuttack with LILO.	1.97	2.00	3.97	
13	220/33kV Baliguda S/S with 220KV Kesinga Baliguda DC line	1.39	3.61	5.00	20.00
14	132/33kV Satasankha (Puri) S/S with line	0.09	0.20	0.29	
15	132/33kV Chikiti S/S with line		0.50	0.50	
16	132/33 KV S/S at Purusottampur	0.42		0.42	
17	220/132/33kV Aska S/S with line		2.00	2.00	
18	220 KV/33 KV Grid S/s at Buguda with 220 KV LILO line		0.50	0.50	0.50
19	220/132/33kV Goda Chhak S/S with line	0.79	0.21	1.00	
20	132/33kV Unit-8 (BBSR) GIS S/S with line	0.13	0.12	0.25	
21	132/33kV Mancheswar GIS S/S with line	0.03	0.30	0.33	
22	132kV Phulbani-Boudh S/C line	1.87	2.96	4.83	5.00
23	220/33kV GIS at Keonjhar with line		0.70	0.70	
24	132/33kV GIS at Chandbali	-	1.00	1.00	-
25	132kV DC line from 132/33kV GIS Chandbali to 220/132/33kV Grid sub-station, Balimunda, Dhamara.	3.29	5.00	8.29	4.00
26	220kV Pandiabil-Pratapsasan D/C line	0.58	0.15	0.73	5.00
27	220/132/33kV Balimunda, Dhamra S/S with line (Revival)	-	10.00	10.00	25.00
28	132/33kV G.Udaygiri S/S with line	4.68	2.32	7.00	
29	400kV Ib-Meramundali D/C line		0.02	0.02	
30	400/220kV GIS at Meramundali-B	1.61	29.50	31.11	17.00
31	220/33kV S/S at Dasapalla with line	1.96	13.17	15.13	11.88
32	220/132/33kV S/S at Kiakata with line	7.83	22.77	30.60	26.80
33	132/33kV S/S at Rajnagar with line	4.21	4.00	8.21	
34	132kV Kuchei-Bangiriposi S/C line	1.00	1.00	2.00	2.00
35	220/33kV S/S at Telkoi with line	0.67	10.01	10.68	0.00
36	132kV Aska-Digapahandi D/C line	0.01	2.50	2.51	
37	220kV Theruvalli-Narendrapur to Aska line	3.98	5.10	9.08	6.74
38	132kV Parlakhemundi -R.Udaygiri D/C line	0.87	6.20	7.07	7.43

Sl. No	Description of the Project/Scheme	Expenditure during FY 2021-22			Projected expenditure
39	132/33kV S/S at Gondia with line	2.21	7.04	9.25	6.11
40	220/132/33kV S/S at Turumunga with line	3.34	14.22	17.56	28.10
41	132/33kV S/S at Chandipur with line	1.25	5.00	6.25	14.75
42	132/33kV S/S at Bahugram with line	1.61	8.39	10.00	3.26
43	220/33kV S/S at Palei, Balichandrapur with line	0.05	14.95	15.00	20.00
44	Diversion of one no. 400kV and 4nos 220kV line with 220kV LILO arrangement for connectivity with 400/220kV GIS Meramundali-B.	3.39	19.61	23.00	4.50
45	132/33kV GIS at Hinjili with LILO line	1.01	7.55	8.56	0.00
46	220/33kV GIS at Godisahi & Kantabada	15.41	28.79	44.20	22.00
47	132/33kV GIS at Nayapalli	5.97	22.00	27.97	21.00
48	132/33kV GIS at Satyanagar & Badagada	5.33	8.67	14.00	20.00
49	220/132/33kV GIS at Balianta	0.96	55.36	56.32	16.52
50	220/132kV Kesinga S/S with line	-	0.40	0.40	-
51	220 KV DC Line from Bolangir to Kesinga		12.00	12.00	2.00
52	220/132/33KV Baragarh(New) S/S		0.30	0.30	10.00
53	132/33kV Kantabanji S/S with line		0.30	0.30	
54	132/33kV Thuapalli S/S with line	2.02	3.00	5.02	
55	220kV LILO of Bolangir-Kesinga line to 400/220kV Madhiapali		0.20	0.20	
56	132 KV DC Line from Bargarh New		0.50	0.50	
57	132/33 KV Bhatli S/S with line	4.99	5.00	9.99	8.00
58	132 KV Padampur-Nuapada Line	1.28	2.00	3.28	0.00
59	132/33 KV G/S At Birmaharajpur	1.62	6.00	7.62	2.00
60	Restoration of 400 KV IB-Meramundali DC line	-	0.55	0.55	-
61	220/132/33 KV S/s at Kuanrmunda with LILO line.	2.68	10.00	12.68	6.15
62	400/220 KV Substation at Lapanga.	-	0.39	0.39	-
63	132/33 KV S/s at Maneswar with LILO line	-	6.84	6.84	-
64	132/33 KV GIS at Hirakud with LILO line	4.63	10.12	14.75	-
65	220/132/33 KV Grid S/s at Bamra with line	2.58	14.50	17.08	7.31
66	Construction of circuit-III & IV, 220 KV line from Tarkera to Bisra (Rourkela) PG.	-	3.00	3.00	15.00

Sl. No	Description of the Project/Scheme	Expenditure during			Projected expenditure
		FY 2021-22			
67	220/33 Grid S/s Deogarh with LILO Line	4.20	6.00	10.20	-
68	220/33 KV Grid S/s at Lephrpada with LILO line	0.71	5.17	5.88	-
69	132/33 KV S/s at Lakhanpur with associated lines	0.84	7.00	7.84	0.50
70	132 KV D/C line from Lapanga to Brajarajnar with diversion of 220 KV DC IB-Budhipadar	0.45	3.00	3.45	2.96
71	132 KV LILO Line from one ckt of 132 KV Budhipadar-Sundargarh DC line with 132 KV feeder bay at Bamra .		2.90	2.90	10.00
72	220/33KV S/S Kashipur with LILO line	-	0.30	0.30	-
73	220/132/33KV S/S at Jayapatna with 220kV & 132kV Lines	1.92	0.50	2.42	
74	132/33 KV Grid S/s at Hata-Muniguda with LILO line	-	0.20	0.20	-
75	220 KV Transformer bay & 33 KV feeder bay at 220/33 KV Grid S/S Laxmipur .	-	0.05	0.05	
76	220/132/33 KV S/s at Gunupur with 220 KV and 132 KV LILO line.	1.22	9.56	10.78	
77	132KV DC Line Baner to Jayapatna	0.22	0.15	0.37	
78	132 KV DC Line from Jaipatna (Baner) to Junagarh	0.10	7.00	7.10	15.00
79	132/33kV S/s at Brundabahal with 132kV LILO line		15.00	15.00	20.00
80	220/33 KV S/S at Malkangiri with Line		1.80	1.80	
81	220/33 KV S/S at Kalimela with line	0.20	1.50	1.70	1.00
82	2nd circuit from LILO point of existing 220KV Balimela Malkangiri line to 220/33KV Grid ss Kalimela		2.00	2.00	2.00
83	220/33 KV Grid S/S Govindpalli with LILO line		2.00	2.00	2.00
84	132/33 KV Grid s/s at Podagada with LILO Line	0.71		0.71	
85	132/33 KV Grid s/s at Pottangi with Line	0.32	1.00	1.32	
86	132/33 KV Grid S/s at Boriguma with LILO line	0.23	1.40	1.63	8.00
87	132/33 KV Grid S/S at Nawarangpur with line	1.91	6.00	7.91	
88	132/33 KV Grid S/s at Umerkote with	0.45		0.45	

Sl. No	Description of the Project/Scheme	Expenditure during FY 2021-22			Projected expenditure
	line				
89	132/33 KV Grid S/s at Lamtaput line	1.97	6.00	7.97	7.00
90	220KV DC line from Jayanagar to Kaliagaon (PGCIL)		0.70	0.70	
91	132 KV DC line from Jayanagar to Sunabeda	1.14	1.00	2.14	0.50
92	132 KV SC line from Jaynagar to Tentulikhunti .	0.20	0.50	0.70	
93	132 KV SC line from Pottangi to Podagada	0.65	0.50	1.15	
94	Construction of EHT Towers for Heightening and re-routing of Existing 33 KV and 11 KV line Crossing at 7 nos. Locations Over River Kharashrota	1.41	0.08	13.39	
95	Constn of 9 nos of river crossing locations by putting 18 nos of towers for different existing 11 KV and 33 KV line crossings for navigational area		1.00	13.00	
	TOTAL OF A	126.55	497.07	647.52	409.01
B	NEW PROJECTS				
1	400/220kV S/S at Khuntuni		10.00	10.00	15.00
2	132/33 KV S/S Auto Nagar	0.01	0.50	0.51	
3	400/220 KV Grid S/S at Sindhaha (Berhampur) with 400 KV DC Line from Berhampur to Pandiabil		2.00	2.00	200.00
4	220/33kV GIS at Chitalo with associated line		2.00	2.00	30.00
5	220kV LILO of 220kV TTPS-Joda to 220/33kV GIS Kekonjhar	0.06	9.43	9.49	2.60
6	400/220/33kV GIS at Paradeep with 400kV & 220kV line		30.00	30.00	300.00
7	400kV & 220kV LILO line to 400/220kV GIS at Ramakrishnapur , 220kV & 132kV LILO line to GIS at Kuakhia & 220kV LILO line to GIS at Dhenkanal-B		9.00	9.00	
8	132/33kV AIS S/S at Athamallick with LILO		1.00	1.00	20.00
9	132kV line 2nd Circuit Bhadrak-Anandpur	-	0.50	0.50	5.00
10	220/132/33 KV Grid S/S Nuapada with associated line		1.00	1.00	50.00
11	132/33KV GSS Rampur(Agalpur) with LILO line		1.00	1.00	20.00

Sl. No	Description of the Project/Scheme	Expenditure during FY 2021-22			Projected expenditure
12	132 KV DC line from Padampur to Ghens		3.00	3.00	15.00
13	132 KV DC line from Kantbhannji to Patnagarh		3.00	3.00	15.00
14	220/33KV S/S at Madanpur-Rampur along with its 220KV LILO line		8.00	8.00	30.00
15	132/33KV S/S at Tarbha with line		5.00	5.00	20.00
16	400kV DC line from Digapahandi to Therubali and upto 400kV S/S of PGCIL at Jeypore with LILO at Therubali .		2.00	2.00	200.00
17	132 kV UG Cabling from Narendrapur GSS to Berhampur GSS in Ganjam District,		1.00	1.00	30.00
18	132 kV UG from Mendhasal GSS to Chandaka-B GSS in Khordha Disrict,		1.00	1.00	26.00
19	132 kV UG Cabling from Samangara GSS to Puri GSS in Puri District.		1.00	1.00	5.00
20	132KV UG Cabling from Argul GSS to Ransinghpur GSS		1.00	1.00	30.00
21	132kV LILO of Chend-Nuagaon line at Kuanramunda GSS .		0.50	0.50	5.00
22	220kV Balimela -Jayanagar LILO at Govindpalli(SC) GSS .		0.20	0.20	5.00
23	132kV line from Turumunga to Dhenkikote		1.00	1.00	20.00
24	132kV LILO of one ckt of Budhipadar-Sundergarh line at Bamra GSS .		0.50	0.50	20.00
	TOTAL OF B	0.07	93.63	93.70	1063.60
C	DEPOSIT WORK				
1	RTSS at Malatipatapur	0.33	1.33	1.66	
2	RTSS at Kamakhyanagar	0.36		0.36	
3	RTSS at Rairakhol		0.20	0.20	
4	Diversion of 400kV Meramundali-Duburi D/C line.	1.18	13.82	15.00	
5	Diversion work for Talcher - Bimalagarh Railway Line		0.50	0.50	
6	RTSS at SIJU	1.47	5.52	6.99	5.00
7	RTSS at Charbatia	1.85	3.24	5.09	
8	RTSS at Sukinda	0.03	0.80	0.83	0.60
9	RTSS at Dhanmandal	0.50	4.50	5.00	
10	RTSS at Bhanjpur		6.00	6.00	15.00
11	RTSS at Nayagarh	-	8.00	8.00	8.00
12	RTSS at Rairangpur	0.03	2.00	2.03	5.29

Sl. No	Description of the Project/Scheme	Expenditure during FY 2021-22			Projected expenditure
13	RTSS at Nuapada		0.50	0.50	
14	RTSS at Dunguripali		0.16	0.16	
15	RTSS at Deogaon		0.20	0.20	
16	RTSS at Godbhaga	-	0.50	0.50	
17	RTSS at Sonepur		2.00	2.00	5.00
18	RTSS at Bimalagarh	0.68	5.20	5.88	-
19	RTSS at Belpahar	-0.98	2.70	1.72	-
20	RTSS at Kechhobahal	-0.01	0.38	0.37	-
21	RTSS at Rengali	-	2.73	2.73	-
22	RTSS at Maneswar	0.03	2.80	2.83	-
23	Diversion of 132 KV D/C Line of 132 KV CPP-II (NSPCL, Rourkela) to MSDS-V, SAIL, RSP line and Diversion of 132 KV D/C Line from 132 KV CPP-II (NSPCL, Rourkela) to MSDS-III, SAIL, RSP, line.	-	0.72	0.72	-
24	RTSS at Dhutra	1.74	11.00	12.74	3.96
25	RTSS at Garposh	1.02	6.50	7.52	1.82
26	RTSS at Bamra	0.46	0.60	1.06	0.10
27	Diversion of 132kv Jharsuguda-Ultratech Cement Line from the premises of M/s IOCL, Malimunda	0.64	0.04	0.68	-
28	Diversion of 132kv Sambalpur-Rajgangpur S/C line	-	0.05	0.05	-
29	Diversion of 132kv Rajgangpur-Rourkela SC line (Ckt-II)	0.45	0.02	0.47	-
30	Diversion of 132kv 'T' off line at 132/33kv Sambalpur S/s	2.00	-	2.00	-
31	220 KV SC line on DC tower from 220/33 KV GSS, Bonai to Taldih Iron Ore Mines, SAIL	-	4.00	4.00	40.00
32	RTSS at Bisamcuttack		0.21	0.21	-
33	RTSS at Rayagada	-	0.20	0.20	-
34	RTSS at Bhalumaska	1.45	1.90	3.35	
35	RTSS at Lanjigarh	0.12	1.21	1.33	-
36	RTSS at Laxmipur	4.10	7.32	11.42	
37	RTSS at Bhawanipatna	-	2.50	2.50	1.00
38	RTSS at Palasingi	1.33	2.50	3.83	2.50
	TOTAL of C	18.78	101.85	120.63	88.27
D	TOTAL -Construction) D = A+B+C	145.40	692.55	861.85	1560.88

Depreciation

29) The total Original Book value of Transmission Fixed Assets of OPTCL is Rs. 7237.58 Cr. (Rs.1763.29 Cr. (as per notification dated 09-06-2005 of the Govt. of Odisha) + Rs.5474.29 Cr.

(added transmission fixed assets (total Additions minus deletions/adjustments) of from FY 2005-06 to FY 2020-21, as per the audited accounts of OPTCL)) on as on 31-03-2021.

- 30) Further as per audited accounts of OPTCL, the above assets are including the value of up-valued assets of Rs.512.71 Cr., Beneficiary/Deposit works assets of Rs.845.18 Cr., Grant assets of Rs. 605.41 Cr. and Original book value of Assets fully depreciated (i.e.,90%) assets of Rs 1562.57 Cr. as on 31-03-2021.
- 31) Therefore, considering the above facts and figures and norms of aforesaid tariff regulations, OPTCL has submitted that the actual Original book value of transmission fixed assets will be Rs 3711.71 Cr. (Rs.7237.58 Cr. – Rs.512.71 Cr. – Rs.845.18 Cr. - Rs.605.41 Cr. – Rs.1562.57 Cr.) as on 31-03-2021 after excluding up valued assets, grant assets, beneficiary assets and fully depreciated assets.
- 32) OPTCL has projected total transmission assets (excluding Grant and Beneficiary Assets) of Rs.877.83 Cr. to be added during the FY 2021-22 and Rs.1095.44 Cr. during FY 2022-23. Considering the same, the original book value of transmission fixed assets of OPTCL will be Rs. 4589.54 Cr. (Rs.3711.71 Cr. + Rs.877.83 Cr.) as on 31-03-2022. Based on the norms of tariff regulations and rates as specified in Appendix-A, OPTCL has proposed Rs.263.00 Cr. as depreciation for FY 2022-23.

Return on equity

- 33) At the time of de-merger of GRIDCO effective from 1.4.2005, the equity share capital of OPTCL was stated at Rs.60.07 Cr. Through infusion of additional capital by the state government, the paid up equity capital of OPTCL has increased to Rs.1571.06 Cr as on 31.03.2021 as per the Audited Account. Government of Odisha has committed to provide funds of Rs.340.75 Cr. as equity during FY 2021-22 and Rs.164.76 Cr. during FY 2022-23. During the current year OPTCL has already received Rs.50 Cr. from the State Govt. towards the scheme Share Capital Investment to OPTCL. The total Equity Capital as on 31.03.2023 will be Rs.2,076.57Cr. Accordingly, OPTCL proposes Return on Equity (RoE) of Rs.312.56 Cr. for FY 2022-23 @ 15.5% as per clause 8.28 of Regulations, 2014 on Rs.2,016.50 Cr. (2,076.57 -60.07).

Income Tax

- 34) As per the Regulation 8.43 of OERC Regulations, 2014, Income tax of the Transmission Licensee shall be recovered from the beneficiaries. As per the Audited Accounts for the FY 2020-21, OPTCL has made provision of Rs. 2.16 Cr. towards Income Tax. The same amount of Rs. 2.16 Cr. has been proposed for FY 2022-23. However, difference if any, as per the Regulation 8.43 and 8.44, shall be adjusted during the true up exercise based on audited accounts.

Transmission Cost

- 35) Considering the proposed cost / expenses under different heads, the Transmission Cost of OPTCL for FY 2022-23 is worked out as Rs. 1500.24 Cr. as shown below.

Table 14
TRANSMISSION COST FOR FY 2022-23

Particulars	Amount (Rs. Cr.)
Employee Cost including Terminal Benefits	526.53
R&M Cost	148.04
A&G Cost	43.18
Expenses related to auxiliary energy consumption	0.00
Other miscellaneous expenses, statutory levies and taxes (GCC)	0.35
Sub-Total (O&M Cost)	718.10
Interest on Loan Capital	149.25
Interest on Working Capital	30.23
Rebate	24.94
Sub-Total (Interest & Financial Cost)	204.42
Depreciation & amortisation expense	263.00
Return on Equity	312.56
Income Tax	2.16
Total	1,500.24 Cr.

Other Costs & Receipts

Incentive For System Availability:

- 36) The Regulation 6.4 of OERC Regulations, 2014 specifies the “Operational Norm” applicable for transmission system for recovery of full annual transmission charge by the Transmission Licensee. The Normative Annual Transmission System Availability Factor (NATAF) shall be 98.50% for AC system for recovery of full Annual Transmission Charges. As per the Regulation 6.5 of OERC Regulations, 2014, OPTCL is entitled to get incentive if the transmission system availability factor (TAFY) for the year is greater than the NATAF in per cent specified in Regulation 6.4.
- 37) OPTCL has filed the calculation of TAFY for the year 2020-21 as 99.98%. The computation and TAFY figure have been verified and certified by SLDC. In accordance with the formula prescribed in Regulation 6.5, OPTCL has proposed an incentive of Rs.10.73 Cr. towards system availability for the year 2020-21

Other Income and Cost / Miscellaneous Receipt:

- 38) OPTCL has proposed **Rs.263.83 Cr.** under the Miscellaneous Receipt from different sources such as inter-State wheeling, STOA and STU charges, Bank interest, supervision charges, other Misc receipts etc. for the FY 2022-23.

Current status on revenue earnings from Supervision Charge:

- 39) OPTCL submitted that the earning from Supervision Charges has been drastically reduced compared to previous years. The number of applicant industries is very less for which revenue from Supervision Charge during the balance period of FY 2021-22 would not be appreciable on higher side. Hence, considering the trend of revenue earning during 1st six month of FY 2021-22, OPTCL expects the Miscellaneous Receipt of **Rs. 263.83 Cr.** during FY 2022-23.

Summary of ARR proposed by OPTCL for FY 2022-23

- 40) Considering all the proposed expenses and receipts as explained in foregoing paragraphs, OPTCL has filed its Aggregate Revenue Requirement of Rs.1247.14 Cr for FY 2022-23 for approval of the Commission. Details are shown in the table below.

Table 15
Summary of Aggregate Revenue Requirement of OPTCL For FY 2022-23 (Rs. Cr.)

ITEMS	Proposal for OPTCL FY 2022-23	
A) FIXED COST		
1. O&M Expenses		718.10
(i) Employees Cost including Terminal Benefits	526.53	
(ii) A&G Cost	43.18	
(iii) R&M Cost	148.04	
(iv) Expenses related to auxiliary energy consumption	0.00	
(v) Other misc. expenses, statutory levies and taxes (GCC)	0.35	
2. Interest & Financial Charges		204.42
(i) Interest on Loan Capital	149.25	
(ii) Interest on Working Capital	30.23	
(iii) Rebate	24.94	
3. Depreciation & amortisation expense		263.00

ITEMS	Proposal for OPTCL FY 2022-23	
4. Return on Equity		312.56
5. Income Tax		2.16
Sub-Total (A)		1,500.24
B) Others		
Incentive for system availability		10.73
Total Trans. Cost (A+B)		1,510.97
C) Less Misc. Receipts		263.83
D) ARR to be recovered from LTOA Customers i.e. OPTCL's Aggregate Revenue Requirement		1,247.14

Transmission Loss

- 41) OPTCL has submitted that its transmission loss is very low, hence further reduction loss is bit difficult. However, OPTCL has been able to reduce the transmission loss year over year by commissioning a number of new transmission projects strategically and adopting innovative schemes under Master Maintenance Plan during last few years. The actual transmission loss in the OPTCL's transmission system from April' 21 to September' 21 was 3.13% against Commission's approval of 3.00% for FY 2021-22. OPTCL expects the loss level to remain around 3.15% in the current year. Accordingly, OPTCL has proposed transmission loss of **3.10%** during FY 2022-23.

OPTCL revenue receipt and deficit in the proposed ARR for FY 2022-23

- 42) OPTCL in the present application has taken the recent realistic demand projection of all four DISCOMs **28397 MU (3241.67 MW)** for FY 2022-23. OPTCL envisages 330MU (37.67 MW) energy to be transacted in DISCOMs 33kV & 11kV network for which OPTCL is not entitled to receive any transmission charge as per Commission's order. Hence, total MU to be transmitted in OPTCL network gets reduced to **28067MU (28397-330)** from the total demand projection of DISCOMs.
- 43) During FY 2022-23, OPTCL expects revenue from the LTOA Customers in the following manner:
- (i) By charging the rate applicable on DISCOMs for wheeling of 28067 MU (3204.00 MW).
 - (ii) By charging the rate applicable on LTOA customers like IMFA, NALCO & BEL towards wheeling and supply of Emergency/Back-up power of 450 MU (51.37 MW)

The revenue to be earned by OPTCL from wheeling of 28517MU (28067+450) at the existing transmission tariff of 28 P/U will be Rs. 798.48 Cr.

Excess/Deficit of Revenue Requirement:

- 44) OPTCL will be having revenue deficit of **Rs. 448.66 Cr.** considering the ARR proposed and the revenue to be earned from wheeling of **28517 MU** at the existing transmission tariff of 28 P/U, the details of which are shown in **Table-16** below.

Table 16
Deficit of Revenue Requirement as per existing transmission tariff @ 28 p/u (Rs. Cr.)

Total Aggregate Revenue Requirement	1247.14
Less: Revenue earned from Long Term Open Access Customer	798.48
Deficit of Revenue Requirement for FY 2022-23 at the existing rate @ 28 p/u	- 448.66

Proposal for revision of Transmission Tariff/ Wheeling Charges

- 45) OPTCL submitted that proposed ARR for FY 2022-23 cannot be met from the existing transmission tariff of 28 P/U, therefore OPTCL has requested to the Commission for approval of:
1. Aggregate Revenue Requirement of Rs.1247.14Cr.
 2. Recovery of Transmission Charge @ 10,495.93 Rs/MW-Day.
 3. Transmission Loss for wheeling as 3.10% on energy drawl

OPEN ACCESS CHARGES:

- 46) The new regulation “OERC (Terms and conditions of Intra state open access) Regulations 2020” has been published by OERC vide Odisha Gazette on dated 02.11.2020 (effective from 18.11.2021) in which Para 20 (2) of Chapter 5 specifies the details of Open Access Charges. As per the Regulations, transmission charges shall be payable on the basis of contracted capacity in case of long-term and medium-term open access consumers and on the basis of scheduled load in case of short-term open access consumers. For Open Access for a part of a day, the transmission charges shall be payable on pro-rata basis.
- 47) The Commission vide Letter No. DIR(T)-332/2008/77 dated 01.02.2021 clarified that the DISCOMs do not come under the new regulation “OERC (Terms and conditions of Intra state open access) Regulations 2020” and they are governed under OERC (Terms and Conditions for Determination of Transmission Tariff) Regulations, 2014. Therefore, the transmission charges for the LTOA customers are to be recovered as under:-

(i) From four DISCOMs (i.e. TPCODL, TPWODL, TPNODL & TPSODL) as per the OERC (Terms and Conditions for Determination of Transmission Tariff) Regulations, 2014

[For FY 2022-23, the DISCOMs projection 28067MU (3204MW)]

and

(ii) From other LTOA customers (i.e. NALCO, IMFA & BEL) as per OERC (Terms and conditions of Intra state open access) Regulations 2020.

[For FY 2022-23, NALCO, IMFA & BEL have projected their respective demands as 80 MU (9 MW), 360 MU (41 MW) and 10MU (1MW).

48) OPTCL has proposed that the Open Access charges for FY 2022-23 as per table below.

Table 17
ABSTRACT OF OA CHARGES PROPOSED BY OPTCL FOR FY 2022-23

DETAILS	In Rs. Per Unit approach
Net Aggregate Revenue Requirement (Rs. Cr.)	1247.14
Proposed Energy to be transmitted in OPTCL Network (MU)	28517
Power Flow (Equivalent of 28517 MU) in MWs	3255
Proposed Transmission Tariff (Rs./MW-Day)	10,495.93
Proposed Transmission Charges (Paise/unit)	43.73

Reactive Energy Charges

49) The Commission in Para 16 (page 5) of the order dated 05.02.2019 in Case No. 50/2017 has inter alia viewed that the provisional reactive energy charges of 3 paise/KVARh as allowed in ARR 2018-19 order continue for time being till a final justification is submitted by OPTCL in consultation with the stakeholders. Accordingly, OPTCL is holding consultation with the stakeholders at regular intervals and some more time is required in this regard.

In view of the above, OPTCL has proposed that **3paise/KVARh** may be approved provisionally as Reactive Energy Charges FY 2022-23.

Levy of Grid Support Charges (GSC)

50) An Application has been filed before the Commission on 23.09.2020 for determination and approval for levy of Grid Support Charges for industries having Captive Generating / Cogeneration plants and running in parallel with the Grids of OPTCL. The same is registered as

OERC Case No.-52/2020 and presently under consideration of the commission. If the same is decided in favor of the petitioner (OPTCL), the major portion of accrual from GSC shall be passed on to the end users resulting further reduction in transmission cost. However, the same is subjected to necessary clearance by the Hon'ble Orissa High Court in W.P(C) No-2220 of 2021 & W.P(C) No-16513 of 2021 filed by M/s Vedant Limited and M/s CCPPO Odisha respectively.

True Up Application for FY 2020-21

- 51) As per Regulation 7.1 (Truing up of Capital Expenditure and Tariff) of OERC Regulations, 2014, OPTCL may file an application each year for truing up along with the tariff petition filed for the next tariff period and the Commission shall carry out truing up exercise along with the tariff petition filed for the next tariff period. It is submitted that in the meantime the annual accounts for FY 2020-21 has been duly audited. OPTCL will file the true up application before the Commission for FY 2020-21 separately.

Rebate:

- 52) On payment of monthly bill, the Open Access Customer shall be entitled to a rebate of 2% of the amount of the monthly bill (excluding arrears), if full payment is made within two working days (excluding holidays under N.I Act) of the presentation of the bill and 1% of the amount if paid within 30 days of the presentation of the bill.

Delayed Payment Surcharge:

- 53) The monthly charges as calculated above together with other charges and surcharge on account of delayed payments, if any, shall be payable within 30 days from the date of bill. If payment is not made within the said period of 30 days, delayed payment surcharge at the rate of 1.25% per month shall be levied pro-rata for the period of delay from the due date, i.e. from the 31st day of the bill, on the amount remaining unpaid (excluding arrears on account of delayed payment surcharge).

Duty and Taxes:

- 54) The Electricity Duty levied by the Government of Odisha and any other statutory levy/ duty/ tax/ cess/ toll imposed under any law from time to time shall be charged over and above the tariff.

Prayer

55) OPTCL's proposal for FY 2022-23 are:

- (i) Aggregate Revenue Requirement of Rs. 1247.14 Cr.
- (ii) Recovery of Transmission Charge @ 10,495.93Rs./MW-Day i.e 43.73 paise/unit.
- (iii) Transmission Loss for wheeling as 3.10% on energy drawl
- (iv) Determine the contracted capacity of all the LTOA consumers for recovery of transmission tariff in line with the new Regulations-2020.