

Before the Odisha Electricity Regulatory Commission
Pot No-4, Chunokoli, Shailashree Vihar, Bhubaneswar-751021

Case No: _____ of 2025

IN THE MATTER OF: Determination of Open Access Charges for FY 2026-27 for consumers availing Open Access under Section 42 of the Electricity Act 2003

And

IN THE MATTER OF: TP Central Odisha Distribution Ltd.), Corporate Office, Power House ,Unit-8, , Bhubaneswar- 751 012 represented by its Chief – Regulatory & Legal.

...Petitioner

And

IN THE MATTER OF: M/s GRIDCO, OPTCL, SLDC, Department of Energy -Govt. of Odisha and all other Concerned Stakeholders

...Respondents

Affidavit 28 NOV 2025

I, Bharat Kumar Bhadawat, aged about 54 years, son of late Shri Shankar Lal Bhadawat residing at Bhubaneswar do hereby solemnly affirm and say as follows:

I am the Chief-Regulatory & Legal of TP Central Odisha Distribution Ltd. the Petitioner in the above matter and I am duly authorized to swear this affidavit on its behalf.

The statements made in the submission herein shown to me are based on information provided to me and I believe them to be true.

Bhubaneswar.

Dated: 28.11.2025

Bharat Kumar Bhadawat

(Bharat Kumar Bhadawat)
Chief-Regulatory & Legal

Identified by
[Signature]
Advocate

The Deponent above named being duly
Identified by Sri. *A. K. Bhowmik*
Advocate at appears before me on
at. 28/11/25 about 9.25 A.M./
P.M. and states on oath that the contents
of this affidavit are true to the best of
his/her knowledge

[Signature]
ANIL KUMAR MOHANTY
NOTARY, BBSR
REGD. No. ON-116/2009

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Application under Section 42 of the Electricity Act 2003 read with OERC (Terms and Conditions of Intra-State Open Access) Regulations 2020 for approval of Wheeling Charges , Cross Subsidy Surcharge and Additional Surcharge for FY 2026-27

1. TP Central Odisha (TPCODL) is required to submit proposal for approval of Open Access charges before the Hon'ble Commission for the FY 2026-27 as per the provisions of OERC (Terms and Conditions of Intra-State Open Access) Regulations 2020. Any customer under the licensee area of TPCODL intending to avail one MW or more power from any other Utility or generator by availing open access facility of distribution network of the Licensee may do so, by paying Open Access Charges applicable from time to time. This application is for approval of Open Access charges for FY 2026-27.
2. For determination of Open Access Charges for the Financial Year 2026-27, the Licensee considered estimated figures as presented in its ARR application for FY 2026-27 (separate petition has been filed for ARR FY 2026-27).



3. The key parameters that has been submitted in our ARR FY 2026-27 petition is provided in table below.

Table 1 : Key Parameters of ARR FY 2026-27 Petition

Sr No	Particulars	UoM	FY 2026-27
1	LT Sales	MU	6168
2	HT Sales	MU	2772
3	EHT Sales	MU	2301
4	Total Sales	MU	11241
5	Input	MU	13248
6	Distribution Loss	%	15.15%

A. Wheeling charge for Open Access:

4. In the petition for determination of ARR for FY 2026-27, TPCODL had submitted the following for wheeling business for FY 2026-27.
5. For the purpose of working out the Wheeling Charges, we have segregated the expenditure on the basis of the ratios used by the Hon'ble Commission in the various tariff orders. Based on the same, the Wheeling and Retail Supply ARR would be as follows:

Table 2: Wheeling Business ARR

Sr No	Particulars	Total (Rs Cr)	Wheeling Business Share	Retail Supply Business Share	Wheeling Business ARR (Rs Cr)	Retail Supply ARR (Rs Cr)
1	Cost of Normative power Purchase (including Transmission Charge and SLDC Charges)	4513.2	0%	100%	0.00	4513.16
	O&M Charges					
2	Employee Costs (Net of capitalization)	964.80	60%	40%	578.88	385.92
3	Repairs and Maintenance	398.61	90%	10%	358.75	39.86
4	Admin and General	248.71	50%	50%	124.36	124.36
5	Bad and Doubtful Debt including Rebate	66.62	0%	100%	0.00	66.62
6	Depreciation	182.98	90%	10%	164.68	18.30
7	Interest for Capital Loan (incl. Finance Cost)	116.63	90%	10%	104.97	11.66
8	Interest for Working Capital	40.47	10%	90%	4.05	36.42
9	Return on Equity	171.14	90%	10%	154.03	17.11
10	Tax on RoE	57.57	90%	10%	51.81	5.76
11	Non Tariff Income-Wheeling	-31.35			-6.35	
12	Non Tariff Retail Income					-25.00
	Total	6729.33			1535.16	5194.17

* As Interest on Security Deposit is not considered under expenditure, interest income of bank deposits (on CSD amount) has also not been considered in Non Tariff Income.

6. Based on the above submissions, the Wheeling Charges for TPCODL for Long Term and Medium Term Open Access and Short Term Open Access work out to following as provided in table below.



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Table 3: Wheeling Charges computation

Sr No	Particulars	Unit	Value
1	Wheeling ARR	Rs Cr	1535
2	Energy Input to TPCODL	Mus	13248
3	Less EHT Sales	MUs	-2301
4	Energy input for wheeling computation	MUs	10948
5	Average Load served by the Distribution Licensee	MW	1249.74
6	Wheeling Charges for Medium Term and Long Term	Rs/MW/Day	33654
7	Wheeling Charges for Short Term	Rs/Kwh	1.40
8	Wheeling Charges for Short Term	Paise /Kwh	140.23

B. Cross subsidy surcharge (CSS) for HT and EHT Consumers:

7. The Hon'ble Commission had determined the CSS for EHT and HT Consumers in the Tariff Order dated 24.03.2025 , relevant extracts from the Tariff Order with regards to determination of CSS for EHT and HT consumers is as follows:

Open Access Charges (Cross Subsidy Surcharge and Wheeling Charges)

153. The OERC (Terms and Conditions of Intra State Open Access) Regulations, 2020 was notified on 2nd November, 2020. The Commission has defined the methodology for determination of Open Access Charges in Chapter 5 of these Regulations. For determination of the Cross Subsidy Surcharge, the tariff for HT and EHT Consumers has been assumed at 100% load factor since Open Access drawal is made to utilise the full quantum of the power so availed. The formula prescribed in Regulation 23(2) of OERC (Terms and Conditions of Intra State Open Access) Regulations, 2020, which is as per the Tariff Policy, for determination of Cross Subsidy Surcharge is as follows:

Surcharge formula:

$$S = T - [C / (1 - L / 100) + D + R]$$

Where:

S is the surcharge

T is the tariff payable by the relevant category of Consumers, including reflecting the Renewable Purchase Obligation

C is the per unit weighted average cost of power purchase by the Licensee, including power purchase to meet the Renewable Purchase Obligation

D is the aggregate of transmission, distribution and wheeling charge applicable to the relevant voltage level

L is the aggregate of transmission, distribution and commercial losses (expressed as a percentage applicable to the relevant voltage level)

R is the per unit cost of carrying regulatory assets



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154. As prevalent in the previous year, the Commission accepts 'C' equal to BSP of respective DISCOMs as explained above. Similarly, 'T' is the tariff at 100% load factor including demand charges for the respective voltage level. The wheeling charges 'D' is as determined from the distribution cost approved for the FY 2025-26 and 'L' is assumed 8% at HT and nil for EHT since EHT loss is accommodated in transmission charges

8. Based on the above, the computation of CSS for HT and EHT consumers is provided in table below.

Table 4: Computation of Cross Subsidy Surcharge (CSS)

Sr No	Particulars	Units	EHT	HT	Remark
1	Average Tariff	Rs/Kwh	6.29	6.84	As submitted in ARR FY 2026-27 petition
2	Cost of Power Purchase	Rs/Kwh	3.15	3.15	
3	Applicable Losses	%	3%	8%	As approved in Tariff Order dated 24.03.2025
4	Wheeling Charge	Rs/Kwh	0	1.40	
5	CSS	Rs/KWh	3.04	2.01	
6	CSS	Paise /KWh	304.26	201.38	

B. S. Mahapatra




C. Prayers

TPCODL prays that the Hon'ble Commission may kindly pleased to;

1. Accept this Open Access Charges application of the applicant.
2. Approve the most cost reflective Open Access Charges for FY 2026-27 .
3. That ,the petitioner craves leave for submission of further /additional reply as and when required by the Hon'ble Commission.
4. Grant any other relief as deemed fit & proper in the facts and circumstances of the case.

Bhubaneswar.

Dated: 28.11.2025


(Bharat Kumar Bhadawat)
Chief-Regulatory & Legal

