

TPSO^{DL}

TP SOUTHERN ODISHA
DISTRIBUTION LIMITED

(A Joint Venture of Tata Power and Government of Odisha)



Public Hearing Presentation

1. ARR & Tariff Application - FY2024-25
(Case No. 119 of 2023)
2. TRUING UP Application - FY 2022-23, FY 2021-22 & FY 2020-21(3 months)
(Case No. 120 of 2023)
3. OPEN ACCESS CHARGES Application - FY 2024-25
(Case No. 121 of 2023)

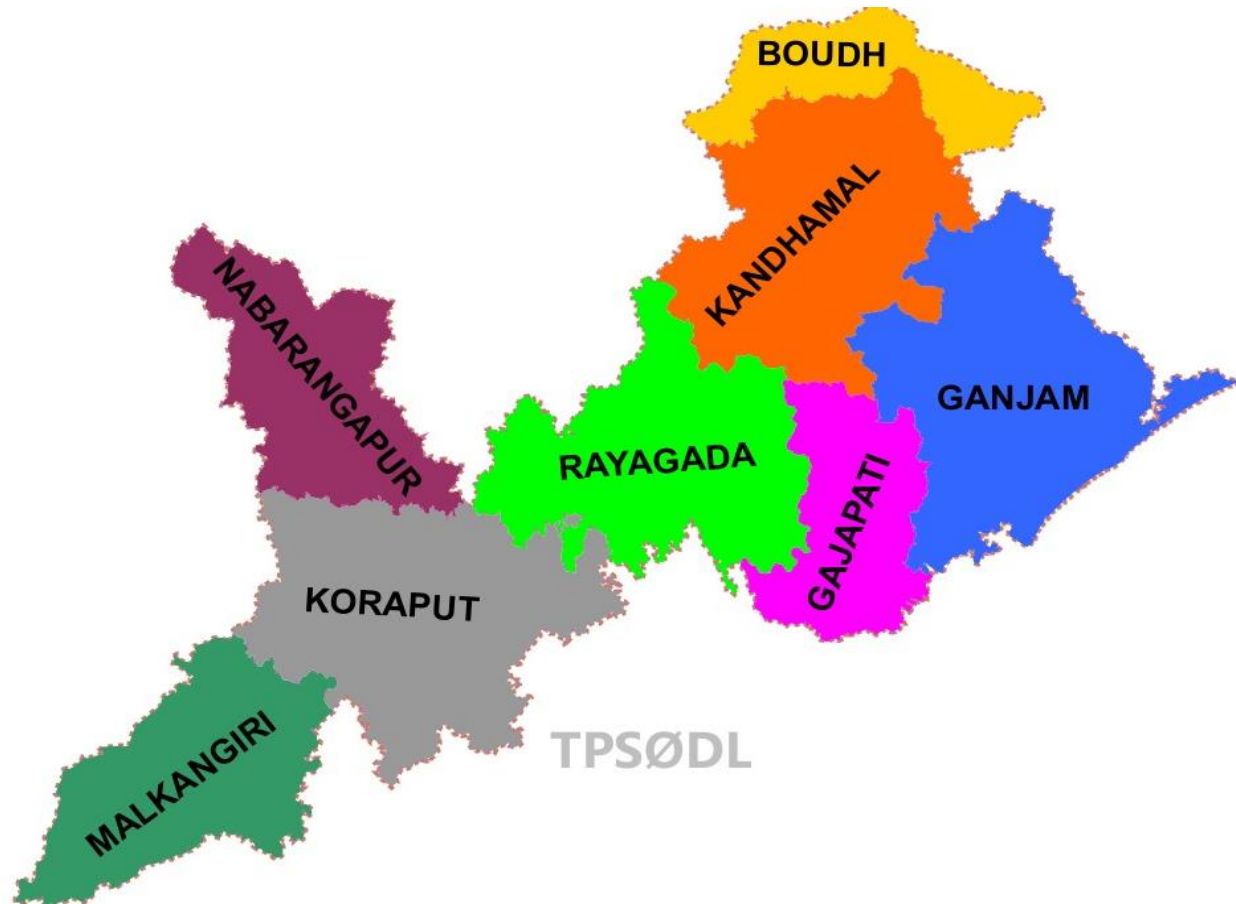
6th February 2024



1. Overview of TPSODL
2. Achievements of TPSODL
3. Aggregate Revenue Requirement for FY 2024-25
4. Tariff Rationalization Measures
5. Application for Determination of Open Access Charges for FY 2024-25
6. Truing-Up for FY 2022-23, along with revisit of Truing up for FY 2020-21(3months) & FY 2021-22
7. Prayers

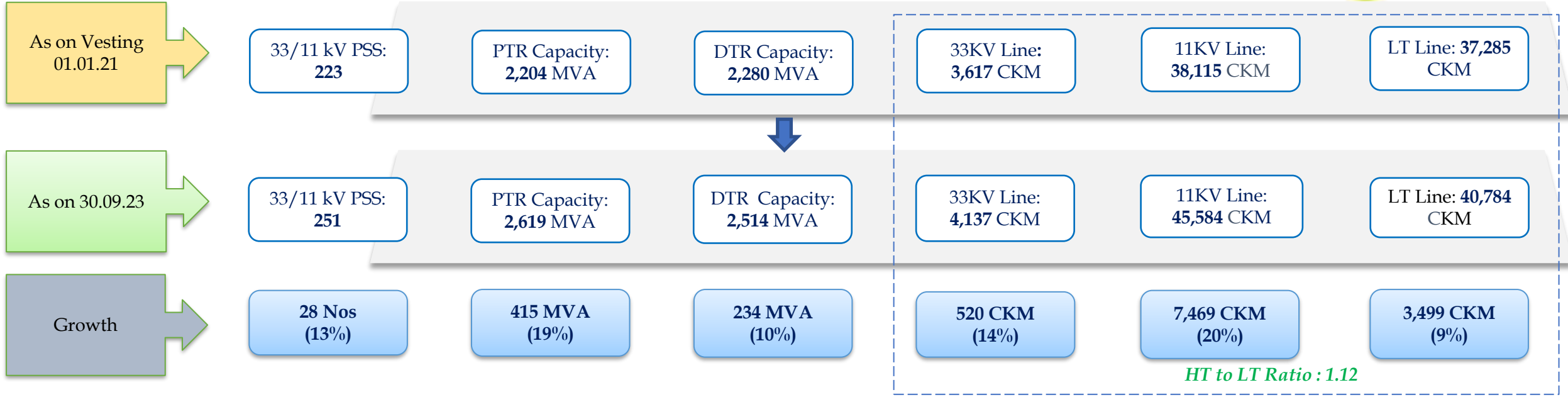


1. Overview of TPSODL



- Area: - 48,751 sq. kms
- 6 Circle
- 19 Divisions
- 51 Sub-Divisions
- 135 Sections
- Total Consumer: - 22.70 Lakhs





1 Sales Mix of TPSODL (Mus)

	FY 23		FY 24 (9 Months)	
	Mus	Share (%)	Mus	Share (%)
1 LT	2027	64%	1714	67%
2 HT	423	13%	305	12%
3 EHT	706	22%	523	21%
4 Total	3156	100%	2542	100%

2 Consumer Mix of TPSODL (Nos)

Sr No	Category	No of consumers
1	LT	22.68 Lakhs
2	HT	2386
3	EHT	19
4	Total	22.70 Lakhs

3 Peak Demand

Sr No	Year	Peak (MVA)
1	FY 2022-23	721
2	FY 2023-24 (9 Months)	711



Eco Retreat Hub Gopalpur



Maa Taratarini Temple





2. Achievements of TPSODL



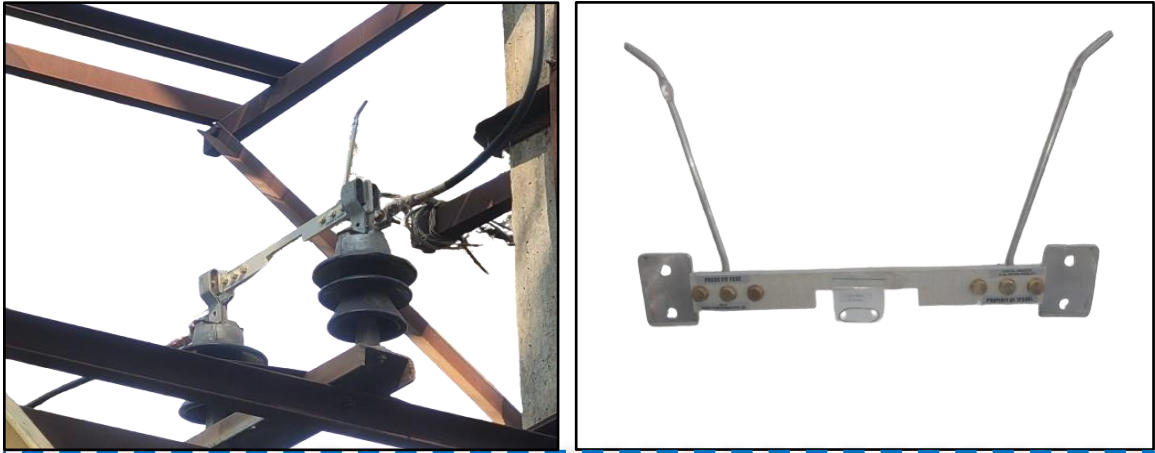
- 01 Actual Billing has been improved from 56.41% to 89.20%
- 02 51 Nos Model GPs introduced to enhance operational and commercial excellence
- 03 Introduction of Client Managers concept - One Stop solution for all 3 phase and HT consumers
- 04 33 Nos New Multiple Digital Payment avenues
- 05 814 nos. of Fuse Call Centres (FCCs) in operation
- 06 Introduced around 9,976 Nos collection points across TPSODL
- 07 New GRFs inaugurated at Bhanjanagar and at Rayagada (total 4 GRFs)
- 08 'Consumer Service Rating of Discom' (CSR) GoI, improved from C in FY22 to B in FY23
- 09 122 nos PSS being monitored and controlled through SCADA
- 10 Customer Relation Centre at 6 locations: Berhampur, Aska, Parlakhemundi, Rayagada, Jeypore & Hinjilicut
- 11 AT&C Loss of 23.78% (Rolling basis as on 31st December 2023)



Deployment of Modern PPE & Safety Tools



16 No of Pratice Yard & TSSDI Center for Employee & BA
Capability Building



Safety Innovation Project _Press Fit Fuse



Hands on Technical Training Center for Employee and BA
Skill Enhancement





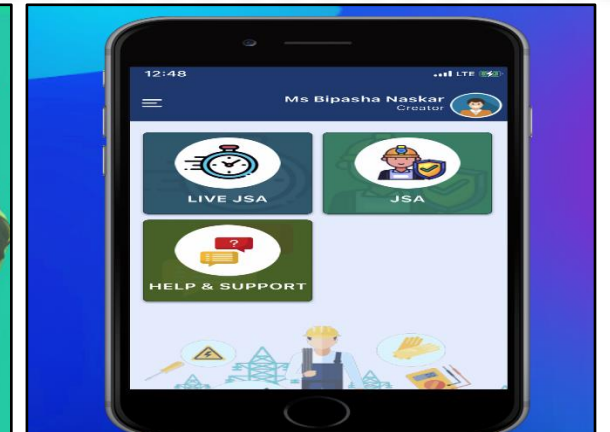
Drone Based Safety Observation



AI-ML Based Remote Safety Surveillance



MOU Govt. ITI (Berhampur & Hinjilicut)



Suraksha Prahari App for Safety Observation Reporting & Safetify _The JSA App for ensuring Safety at workplaces





BOUDH MAHOTSAV

Deployment of 07 No Suraksha Sachetanta Rath



PARAB, KORAPUT

MANDEL, NABARANGPUR



SAFETY WALKATHON





Education



Community Learning Centres

100+ people have been benefitted from this CLC

Club Enerji

Awareness on energy conservation in 52 schools

Essential Services



Mobile Dispensary

No of beneficiaries covered - 147,670 through MHU.



Blood Donation Drive

55 employees donated blood at Jeypore Circle



Employability & Employment



Entrepreneurship
100+ WSHGs have
been supported

Livelihood Support
497 farmers have been
supported - Millet
farming

Employee Volunteering



Deaf & Dumb Children
awareness at Ganjam
Sign language Workshop

Walkathon
More than 500
employees joined for
Sustainability walk



Advertisement in Mass Media



Call Centre



For You, With You, Always

Consumer Touch Points

TPSODL
ବିଦ୍ୟୁତ୍ ବଣିକୀ
Odisha Electricity
(Power to People and People to Power - Odisha Electricity)

ଉପଭୋକ୍ତା ସମ୍ପର୍କ ବିନ୍ଦୁ

ହାତପାଆନ୍ତାରେ ଉପଲବ୍ଧ ସେବା ଓ ସୁବିଧା:

- ✓ ଆମ ୱେବସାଇଟ୍: www.tpsouthernodisha.com
- ✓ ଇ-ମେଲ୍: customercare@tpsouthernodisha.com
- ✓ ବୃତ୍ତନ ସଂଯୋଗ ପାଇଁ ଆମକୁ 7008808888 ନମ୍ବରରେ ମିସ୍ କଲ୍ କରନ୍ତୁ
- ✓ ଯୁଗ୍ମସ୍ୱାସ୍ଥ୍ୟ ମାଧ୍ୟମରେ ଆମ ସହ ଯୋଗାଯୋଗ କରିବାକୁ 7777002375 ନମ୍ବରରେ ମେସେଜ୍ କରନ୍ତୁ ("MI" ଟାଇପ୍ କରି ଚାହୁଁ ଆରମ୍ଭ କରନ୍ତୁ)
- ✓ 9777097449 ନମ୍ବର ଯୋଗେ କେବଳ ଡ୍ରାଡ୍ରାସ୍ଥ୍ୟ ମାଧ୍ୟମରେ ବିଦ୍ୟୁତ୍ ଚୋରି ସମ୍ପର୍କିତ ସୂଚନା ଦିଅନ୍ତୁ
- ✓ ରାଜ୍ୟ ସରକାରଙ୍କ ୱେବସାଇଟ୍/ପୋର୍ଟାଲ୍: **Mo Sarkar, Jana Sunani, CMO grievance, CPGRAM** ଇତ୍ୟାଦି
- ✓ ମୋ ବିଦ୍ୟୁତ୍ ସ୍ୱତ୍ତ୍ୱପର୍ଯ୍ୟ:
 - ବୃତ୍ତନ ସଂଯୋଗ ପାଇଁ ପଞ୍ଜିକରଣ ଏବଂ ସ୍ଥିତି ଯାଞ୍ଚା (ସାର୍ଭୋଲ୍ ସଂଯୋଗ-୫ କଲୋକ୍ଷାଟ୍ ପର୍ଯ୍ୟନ୍ତ)
 - ବିଦ୍ୟୁତ୍ ଚୋରି ପ୍ରକାଶ
 - ଅଭିଯୋଗ ପଞ୍ଜିକରଣ

ତିନିଟାଲ୍ ସ୍ୱତ୍ତ୍ୱପର୍ଯ୍ୟ ଯୋଗେ ବିଦ୍ୟୁତ୍ ବେନି ଯେଠି ବଡ଼ ଆବେଦନାମା ଉତ୍ତର ପାଆନ୍ତୁ

24X7 Toll-free Call Centre: 1800-345-6797 / 1912

Digital Care Desk



ଆପଣଙ୍କ ପାଇଁ, ଆପଣଙ୍କ ସହିତ, ସର୍ବଦା



Illegal Hooking Removal



Evening raids in Puja Pandals



Enforcement Drive with Police Support



OCR Billing



Shramadaan Drive



Collection from Resistive Consumers



Within due date
Collection by WSHG



Friday Disconnection
Drive





Sr. No	OERC Approved Category	CAPEX approved upto FY24	CAPEX Approved for FY24	Cumulative Capitalization Till FY23	Upto Q3 FY24		Capitalisation Expected in Q4 FY24	Actual Capitalization Expected in FY24	Cumulative Capitalization Expected till FY24	
					Plan	Actual				
					(A)	(B)	(C)	(D)	E=C+D	F=A+E
1	Statutory & Safety	96.9	26.13	65.5	10.66	10.09	26.06	36.15	101.67	
2	Loss Reduction	160.7	84.29	46.2	17.69	19.55	43.23	62.78	108.96	
3	Network Reliability	285.8	124.54	140.9	31.45	32.03	76.87	108.9	249.84	
4	Load Growth	49.5	22.03	32.2	5.45	7.76	13.31	21.07	53.28	
5	Technology Infrastructure	145.7	41.26	111.3	16.03	3.41	39.18	42.6	153.84	
6	Civil Infra & Admin & Differential Capex	79.3	40.08	37.5	8.73	8.41	21.34	29.75	67.26	
Total		817.8*	338.33	433.6	90	81.25	220	301.25	734.85	

* Excluding additional Capex of ₹69.05 crores for Network Strengthening in Berhampur City, for which work is in progress

Capex commitment as per Vesting Order is ₹783 crores till FY24



- DT Augmentation



- LA replacement of DTR



- Relay Co-ordination



- Earthing work at PSS



- CRP installation for SCADA



- Installation of LV Protection at DSS





BEFORE



AFTER

• PSCC & Customer Care Center, Ambagada



BEFORE



AFTER

• Stores, Jeypore

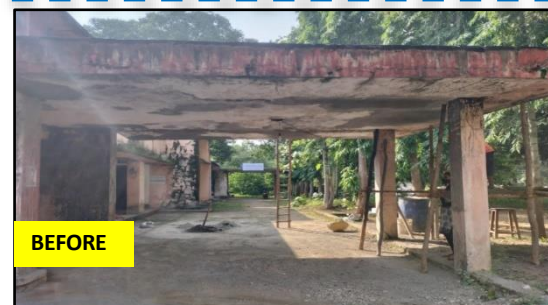


BEFORE

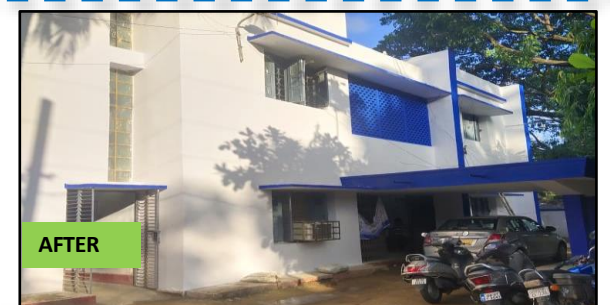


AFTER

• Customer Care Center, Berhampur



BEFORE



AFTER

• Bhanjanagar Circle Office



BEFORE



AFTER

• GIS, Berhampur



BEFORE



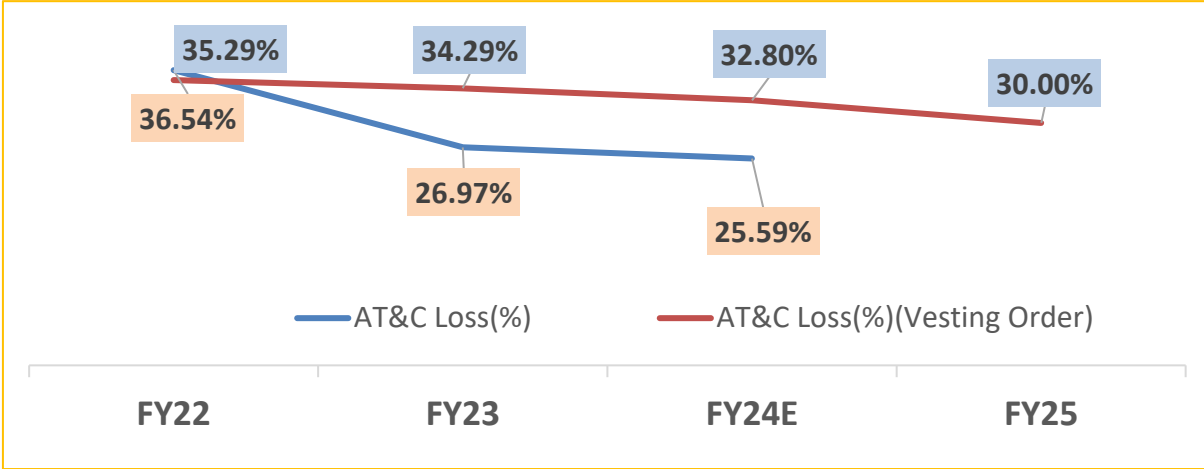
AFTER

• Aska Circle Office

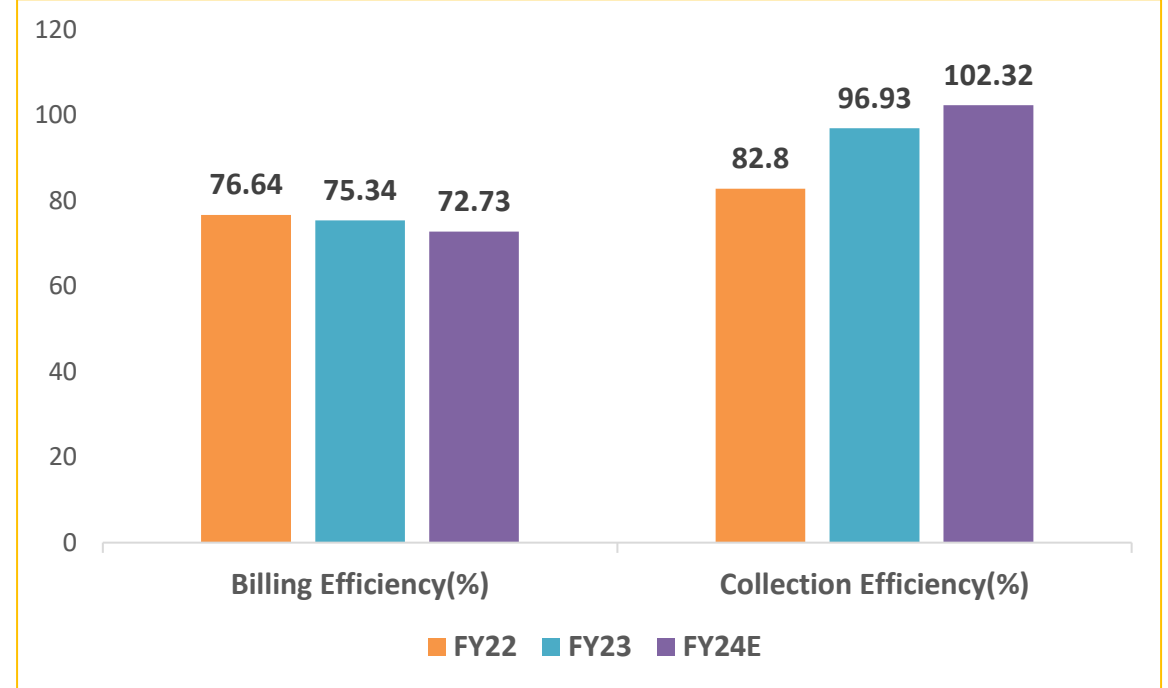




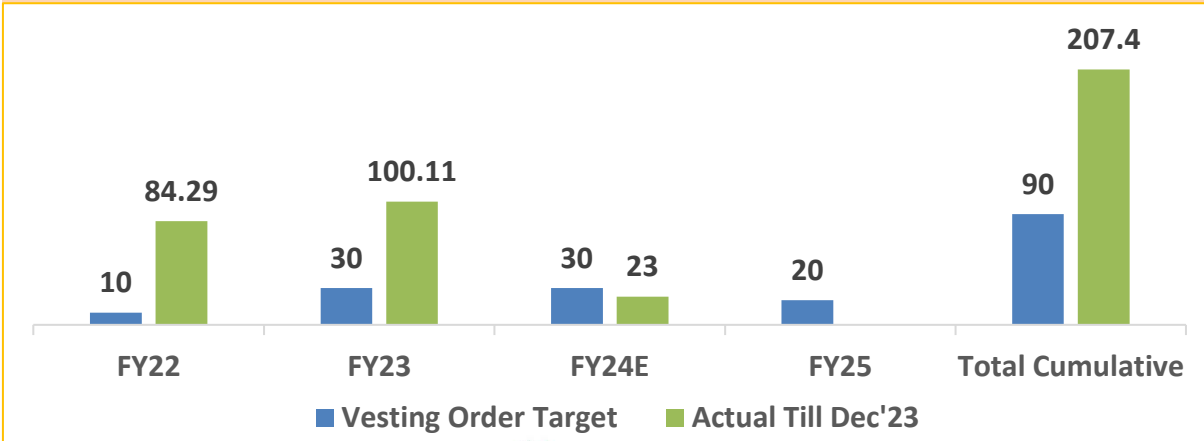
AT&C Loss - Vesting Order Target Vs Actual



Billing Efficiency & Collection Efficiency Performance



Past Arrears Recovery- Vesting Order Target Vs Actual



Lower Billing Efficiency is due to reduction in Provisional Billing and identification of Ghost Consumers.



3. ARR for FY 2024-25



Basis

- OERC Tariff Regulations, 2022
- Vesting Order dated 28.12.2020
- Carved Out Balance Sheet Order dated 26.11.2021
- Capex Orders for FY-22, FY-23, FY-24, FY-25
- True up petition filed for FY-21 (3 months),FY-22,FY-23

Opex estimated for FY 2023-24 & for FY 2024-25

Capitalisation estimated for FY 2024-25

Gap Computed for FY 2023-24 & for FY 2024-25
Cumulative Gap estimated till FY2024-25

BSP Proposal for FY2024-25





As presented in ARR (based on six months)

Sr No	Category	FY 23	H1 -FY 24	H2 -FY 24 (E)	Total- FY 24 (E)	Approved- FY 24	Total -FY 25	Growth of FY 25 over FY 24	Growth of FY 24 over FY 23
1	LT	2027	1176	1162	2338	2553	2545	8.9%	15.3%
2	HT	423	209	206	415	430	436	5.1%	-1.8%
3	EHT	706	346	347	693	707	727	4.9%	-1.8%
4	Total	3156	1731	1715	3446	3690	3708	7.6%	9.2%

Based on nine months

Sr No	Category	FY 23	9 Months- FY 24	Q4 - FY 24 (E)	Total- FY 24 (E)	Approved- FY 24	Total -FY 25	Growth of FY 25 over FY 24	Growth of FY 24 over FY 23
1	LT	2027	1714	571	2285	2553	2545	11.4%	12.7%
2	HT	423	305	102	407	430	436	7.2%	-3.8%
3	EHT	706	523	174	697	707	727	4.3%	-1.2%
4	Total	3156	2542	847	3389	3690	3708	9.4%	7.4%



1

Power Purchase Estimate - FY23-24

Sr No	Particulars	Units	Value
A	Estimation of Distribution (or Billing) Loss		
1	AT&C Loss for Tariff	%	25.75%
2	Collection Efficiency	%	99%
3= (100% -1)/ 2	Billing Efficiency	%	75.00%
4= 100% -3	Distribution Loss	%	25.00%
B	Computation of Normative Power Purchase Quantum		
5	Sales	Mus	3446
6= 5/3	Normative PP	MUs	4595
C	Computation of Normative Power Purchase Amount		
7	BSP	Rs/Kwh	2.10
8=6x7/10	Normative Power Purchase Costs	Rs Cr	964.9
D	Computation of Normative Transmission Charges		
9	Rate of Transmission Charges	Rs/Kwh	0.24
10= 6x9/10	Normative Transmission Charges	Rs Cr	110.3
E	SLDC Charges		
11	Monthly SLDC Charges	Rs L/Month	6.34
12=11x12	Annual SLDC Charges	Rs Cr	0.761
F	Total Power Purchase Costs	Rs Cr	1075.91

2

Power Purchase Estimate - FY24-25

Sr No	Particulars	Units	Value
A	Estimation of Distribution (or Billing) Loss		
1	AT&C Loss for Tariff	%	25.35%
2	Collection Efficiency	%	99%
3= (100% -1)/ 2	Billing Efficiency	%	75.40%
4= 100% -3	Distribution Loss	%	24.60%
B	Computation of Normative Power Purchase Quantum		
5	Sales	Mus	3708
6= 5/3	Normative PP	MUs	4918
C	Computation of Normative Power Purchase Amount		
7	BSP	Rs/Kwh	2.10
8=6x7/10	Normative Power Purchase Costs	Rs Cr	1032.7
D	Computation of Normative Transmission Charges		
9	Rate of Transmission Charges	Rs/Kwh	0.24
10= 6x9/10	Normative Transmission Charges	Rs Cr	118.0
E	SLDC Charges		
11	Monthly SLDC Charges	Rs L/Month	6.34
12=11x12	Annual SLDC Charges	Rs Cr	0.761
F	Total Power Purchase Costs	Rs Cr	1151.46



Projections till FY 2024-25

Sr No	Particulars	Units	FY 21	FY 22	FY 23	FY 24	FY 25	Total
A	Capitalisation							
1	Capitalisation for the year	Rs Cr	0	121.57	344.19	350.24	434.78	1250.78
2= 17.2 % of 1	Add Capitalisation due to Gridco Contribution in Kind	Rs Cr	0	23.49	59.29	60.24	74.78	
3=1+2	Total Capitalisation for Debt and Equity	Rs Cr	0.00	145.06	403.48	410.48	509.56	

- Capitalisation has been progressing over the years
- TPSODL will achieve Capitalisation of Rs 509 crores for FY25 as projected in the ARR

Approved by the Hon'ble Commission

Sr. No	OERC Approved Category	CAPEX approved upto FY24	Capex approved for FY 25	Total
1	Statutory & Safety	96.9	37.13	134
2	Loss Reduction	160.7	17.92	179
3	Network Reliability	307.6	187.72	495
4	Load Growth	95.3	78.22	174
5	Technology Infrastructure	145.7	13.21	159
6	Civil Infra & Admin & Others	79.3	39.04	118
Total		885.5	373	1259



Proposed O&M Expenditure FY-2023-24 & FY-2024-25							
Sl No	Particulars	FY-2023-24					FY-2024-25
		Approved	Estimated O&M expenditure	Approved for TPWODL	Approved for TPNODL	Approved for TPCODL	
1a	Erstwhile Employees and CTC	431	410				448
1b	Outsource Employees Expenditure	95	120				127
1=	Total Employee (1a+1b) Expenditure	526	530	581	529	803	575
2	R&M Expenditure*	161	188	282	214	279	194
3	A&G Expenditure	113	131	158	120	142	131
4	Total O&M Expenditure	800	849	1021	864	1225	901
5	Less: Employee Expenditure Capitalised	-30	-30	-26	-17	-26	-36
6=4-5	Net O&M Expenditure for ARR of FY-2023-24	769	818	995	847	1198	865

Sr No	Particulars	Units	Value
A	R&M on TPSODL Assets		
1	Opening Block	Rs Cr	1650
2	Addition	Rs Cr	410
3	Closing Block	Rs Cr	2060
4	R&M Norm	%	5.40%
5	R&M on TPSODL Assets	Rs Cr	89.09
B	R&M on Government Assets		
7	Opening Block	Rs Cr	2406
8	Addition	Rs Cr	1425
9	Closing Block	Rs Cr	3832
10	R&M Norm	%	3%
11	R&M on Government Assets	Rs Cr	72.2
C	Total R&M Expenditure as per Norms		
12	Total R&M Expenditure as per Norms	Rs Cr	161.3

- The estimated O&M Expenditure of TPSODL for FY 24 is likely to be higher by 7.3% over approved.
- The estimated O&M Expenditure of TPSODL is in line with the O&M Expenditure approved for FY 24 for Other three Discoms.

* R&M approved needs to be reworked based on norms against Rs 152 Approved in the Tariff Order



Sl No	Particulars	Approved for FY 24	Estimated for FY 24	Proposed FY 25
1a	Erstwhile Employees and CTC	431	410	448
1b	Outsource Employees Expenditure	95	120	127
1= (1a+1b)	Total Employee Expenditure	526	530	575

Employee ratio for FY22-23 and FY23-24 (up to November 2023)

Sl No	Period	Manpower Count	Consumer Base	Ratio
1	FY 23	2687	24,24,624	1.10
2	FY 24 – H1 (upto Sept'24)	2839	22,70,505	1.25
3	FY 24 (upto Nov'24)	2824	22,70,505	1.24

- TPSODL has low manpower ratio i.e. lower than 1.4 per Thousand consumers (as per OERC guideline) leading to outsourcing of lot of Operation & Commercial activities.
- Mandatory Increase in Minimum wages twice a year.
- Proposed Outsourced Employee Cost Rs 127 crores without impacting overall proposed O&M cost for FY 2024-25.
- Further, normal inflation is proposed for erstwhile Employee Costs and CTC employee costs for FY 2024-25.



Sl No	Particulars	Approved for FY 24	Estimated for FY 24	As per Norms for FY 25	Proposed in FY 25
1	R&M Expenditure	161	188	176	194

Sr No	Particulars	Units	FY 21	FY 22	FY 23	FY 24	FY 25
A	R&M on TPSODL Assets						
1	Opening Block	Rs Cr	1000	1000	1186	1650	2195
2	Addition	Rs Cr	0	186	464	545	510
3	Closing Block	Rs Cr	1000	1186	1650	2195	2705
4	R&M Norm	%				5.40%	4.50%
5	R&M on TPSODL Assets	Rs Cr				89.10	98.80
B	R&M on Government Assets						
7	Opening Block	Rs Cr				2406	2590
8	Addition	Rs Cr				184	100
9	Closing Block	Rs Cr				2590	2690
10	R&M Norm	%				3%	3%
11	R&M on Government Assets	Rs Cr				72.2	77.7
C	Total R&M Expenditure as per Norms						
12	Total R&M Expenditure as per Norms	Rs Cr				161.3	176.5

- R&M as per Norms works out to Rs 161 crores for FY 24 and Rs 176 crores for FY 25
- Request the Hon'ble Commission to allow a special R&M of Rs. 17 crores and Rs 18 crores for FY 24 and FY 25 respectively to meet the gap, as per Clause 3.9.23 of OERC Tariff Regulations 2022



SI No	Particulars	Approved in FY 24	Estimated for FY 24	Proposed in FY 25
1	A&G Expenditure	113	131	131

- TPSODL has sought A&G expenditure of Rs 131 Crores for FY23-24 also further not claiming any escalation in FY24-25
- Request the Hon'ble Commission to allow a special A&G of Rs 18 Crores to meet the gap between proposed amount and Rs 113 Crores as per Clause 3.9.16 of OERC Tariff Regulations 2022
- The AT&C loss for the FY 2022-23 was lower than the loss of FY 2021-22 by about 10%. The lower loss levels would also be maintained for FY 2023-24 and FY 2024-25. It is therefore submitted to allow adequate A&G expenditure to be incurred by TPSODL for providing an efficient service to the consumers



1

ARR and Gap for FY 2024-25

Sr No	Particulars	Amount (Rs Cr)
1	Power Purchase Costs (Including Transmission Cost and SLDC)	1,151.46
2	Interest on Long Term Debt and Other Finance Charges	59.49
3	Interest on Working Capital (Normative)	19.98
4	Interest on Consumer Security Deposit	21.03
5	Depreciation	99.03
6	O&M Expenditure -Employee Expenditure	539.50
7	O&M Expenditure -R&M Expenditure	194.00
8	O&M Expenditure - A&G Expenditure	131.40
9	Provision for Doubtful Debt	20.77
10	Income Tax	30.36
11	Return on Equity	90.26
12	Less Non Tariff Income	-54.62
13	Total ARR	2,302.66
14	Revenue Earned	2077
13-14	Gap/(Surplus)	226

2

Cumulative Gap considering Carrying Cost

Sr No	Particulars	Units	FY 2020-21 (3 Months)	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25
1	Opening Gap	Rs Cr	0	-23.34	-41.54	187.93	384.83
2	Addition	Rs Cr	-18.62	-15.05	198.31	174.57	226
3	Relevant Carrying Cost	Rs Cr	-4.72	-3.16	31.17	22.33	
4	Closing Gap	Rs Cr	-23.34	-41.54	187.93	384.83	610.34



1

Impact on Reduction in BSP

Sr No	Particulars	Units	Value
1	Power Purchase of TPSODL for FY 2024-25	Mus	4918
2	Reduction in BSP	Rs/Kwh	0.6
3	Reduction in Gap	Rs Cr	-295
4	Original Gap for FY 2024-25	Rs Cr	226
5	Revised Gap for FY 2024-25	Rs Cr	-70

2

Impact on Cumulative Gap of TPSODL

Sr No	Particulars	Units	FY 2020-21 (3 Months)	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25
1	Opening Gap	Rs Cr	0	-23.34	-41.54	187.93	384.83
2	Addition	Rs Cr	-18.62	-15.05	198.31	174.57	226
3	Relevant Carrying Cost	Rs Cr	-4.72	-3.16	31.17	22.33	
4	Closing Gap	Rs Cr	-23.34	-41.54	187.93	384.83	610.34



Sr No	Particulars	Units	FY 2020-21 (3 Months)	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25
1	Opening Gap	Rs Cr	0	-23.34	-41.54	187.93	384.83
2	Addition	Rs Cr	-18.62	-15.05	198.31	174.57	-69.54
3	Relevant Carrying Cost	Rs Cr	-4.72	-3.16	31.17	22.33	
4	Closing Gap	Rs Cr	-23.34	-41.54	187.93	384.83	315.29





4. Tariff Rationalization Measures



1. DPS on Electricity Bills

Re-introduction of DPS for LT Domestic, LT General Purpose and HT Bulk Supply Domestic Consumers.

- *DPS would be applicable only on the undisputed portion.*
- *Measure proposed to act as a deterrent to wilful defaulters only.*

However, Due Date for the payment to be extended from normal 7 days to next due date as made applicable in past.

2. Pro-rata Billing

Pro-rata Billing for deviation from the billing cycle of 30 days.

- *While Discoms working towards adhering to + 3 working days of monthly Billing Cycle under normal condition, various factors like uncontrollable climatic conditions viz. Kalbaisakhi, Monsoons, extremely high temperature in summer etc are acting as deterrent.*
- *Billing on the fixed date every month (+ 3 days) may not be feasible every month for reasons as explained above.*

Pro-rata adjustment of Slabs limits based on actual days of billing vis a vis the standard norm of 30 days (365 Days/12) will ensure Consumers get the full slab benefit under all actual billing period scenarios (vis-a-vis the norm).



3. Meter Cost to be recovered in Tariff instead of through Meter Rent

Meters for consumers should be a part of the Overall Capex plan with approval of Hon'ble Commission.

- *Meter rents permitted are for a period of 5 years or 8 years for Single Phase Smart Meters.*
- *Meter Rents are different for various kind of meter installed*

The Board of TPSODL has approved Capital Investment to the extent of for 4 lakh single phase & 1250 three phase meters with total estimated Cost of **Rs 158 Crores**. The Petitioner would submit before the Hon'ble Commission to approve in principle for Capex investment of Rs 158 Crores.

4. Additional Rebate of Rs.10/- p.m. if opted E-Bill

Consumers with smart meters can be served with E-bill without any additional cost.

- *Monthly energy bills need to be served to the consumers either by post or by courier or through messenger, As per Supply Code. Serving of electricity bill through E-mode has not been emphasized in the regulation.*
- *However, DISCOM can send other information like billed amount and due date of payment etc., to the consumers through registered E-mail ID/Mobile numbers/smart meters.*

An online billing incentive of Rs.10/per month for consumers opting for E-bill, may please be approved.



5. Revision of Reconnection Charges

Increased cost of such Reconnection for the Distribution Licensee.

- *Reconnection charges have not been reviewed since last 11 years even though BST and RST of DISCOMs have increased multiple times.*

The petitioner submit that the Hon'ble Commission may kindly revise the Reconnection Charges as proposed in the application.

6. Creation of Energy Police stations in the license area of TPSODL

Proposal for commencement of Energy police Station (EPS) under TPSODL.

- *The earlier power distribution licensee SOUTHCO has established Energy Police Station in all eight (8) revenue divisions to maintain discipline and curb the theft of electricity.*
- *Subsequently, the system of police support was discontinued mainly due to (a) Financial crunch of the Discom and (b) Issues of reporting of the deputed police personnel.*

The licensee humbly requests before Hon'ble Commission to accord approval of necessary additional A&G cost and may direct the Govt. of Odisha for creation of 2 no of Energy police Station (EPS) under TPSODL.



7. Assessment in case of Theft of Energy

Proposal for revised basis for assessment for unauthorised use of electricity.

- *Assessment for unauthorized use being done on LDHF basis.*
- *The Load Factor being considered do not provide a realistic assessment.*

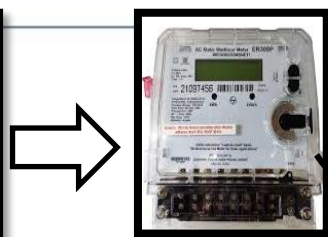
The petitioner proposes the following for kind consideration of the Hon'ble Commission. In this course of such assessment, the petitioner will observe due procedure as per Electricity Act and Regulation.

For Domestic: LF of 30% (existing 10%); For General Purpose: : LF of 60% (existing 30%), For Continuous Process Industries : LF at 100%.

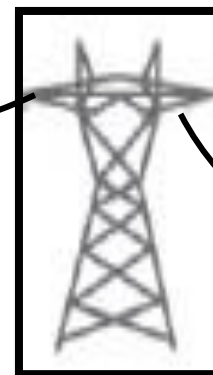
8. Creation of Disaster Resilient Corpus Fund

Proposal submitted for consideration of Hon'ble Commission for allowance of separate charge of Rs 2 per month from all Consumers through Energy Charges.

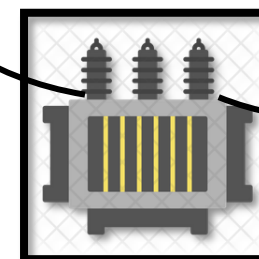
- *The entire state of Odisha is for quite some time been witnessing the brunt of nature in form of various natural calamities like cyclone, flood, thunderstorm, Kalabaisakhi etc. While, during such uncontrollable force majeure conditions; the restoration of power supply requires substantial commitment of resources in terms of man-material-money, creation of manpower strength specific to such events is not cost effective.*



Annual Generation:
xx kWh per year



Agreement between
Consumer & DISCOM



Rooftop Solar thru VNM Model as per MNRE Guidelines
Target: 5 MW in FY 25

Sample Annual Reqd: 120000 kWh
(Considering 100 Cons.
@ 1200kWh P.A)

Participating Rural HH	100Nos
Cost per kWp	Rs. 55,000
CFA	Rs. 18,000
SFA (Proposed)	Rs. 20,000
DISCOM towards Solar Panel	Rs. 17,000
Addl. Cost for OPEX (Lum sum) *	

- Opex Consist of:
1. Interest on W.C.
 2. Lease Rent
 3. Watch & Ward (till 5th Year)
 4. AMC 6th Year onwards incl. W&W

Sr No	Particulars	Units	Value
1	Capacity proposed to be setup	MW	5
2	Rate to be allowed in the ARR	Rs/Kw	17000
3	Amount in ARR (as DSM Measure)	Rs Cr	8.5



5. Application for Determination of Open Access Charges for FY 2024-25



1

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)	1151.5	0%	100%	0.00	1151.46
2	Employee Costs	419.49	60%	40%	251.69	167.80
3	Repairs and Maintenance	254.00	90%	10%	228.60	25.40
4	Admin and General	191.41	40%	60%	76.56	114.84
5	Bad and Doubtful Debt including Rebate	20.77	0%	100%	0.00	20.77
6	Depreciation	99.03	90%	10%	89.12	9.90
7	Interest for Capital Loan	59.49	90%	10%	53.54	5.95
8	Interest for Working Capital	19.98	10%	90%	2.00	17.98
9	Interest on Security Deposits	21.030	0%	100%	0.00	21.03
10	Income Tax	30.36	90%	10%	27.32	3.04
10	Return on Equity	90.26	90%	10%	81.24	9.03
13	Non Tariff Income-Wheeling				-30.66	
14	Non Tariff Retail Income					-23.96
	Total	2302.65			779.42	1523.23

2

Wheeling Charges Computation

Sr No	Particulars	Unit	Value
1	Wheeling ARR	Rs Cr	779
2	Energy Input to TPSODL	Mus	4918
3	Less EHT Sales	MUs	-727
4	Energy input for wheeling computation	MUs	4191
5	Average Load served by the Distribution Licensee	MW	478.37
6	Wheeling Charges for Medium Term and Long Term	Rs/MW/Day	44639
7	Wheeling Charges for Short Term	Rs/Kwh	1.86



CSS Computations

Sr No	Particulars	Units	EHT	HT
1	Energy Charge Considered	Rs/Kwh	5.80	5.85
2	Demand Charges	Rs/KVA/Month	250	250
3	PF Considered		0.99	0.92
4	Average Hours in a month	Hrs	730	730
5	Demand Charges converted with 100 % LF	Rs/Kwh	0.346	0.374
6	Total Tariff for CSS considered (1+5)	Rs/Kwh	6.15	6.22
7	Cost of Power Purchase (incl'd Tran Charge)	Rs/Kwh	2.34	2.34
8	Applicable Losses	%	3%	8%
9	Wheeling Charge	Rs/Kwh	0	1.86
10	CSS	Rs/KWh	3.73	1.82

- CSS Computed based on Formula: $S = T - [C/(1-L/100)+D+R]$
- Demand Charges Converted for 100% Load Factor (LF)
- **No Additional Surcharge has been proposed**





6. Truing-Up for FY 2022-23 along with revisit of Truing up for FY 2020-21 (3months) and & FY 2021-22



Sr No	Particulars	Approved by OERC for FY-22-23	Audited Accounts for FY-2022-23)	True Up Petition	Remarks
		(Rs Cr)	(Rs Cr)	(Rs Cr)	
	INPUT (MU)	4,390	4,188	4,188	
	OUTPUT (MU)	3,293	3,156	3,156	
1	Gross Power Purchase Costs	1,120.24	1,069.26	1,069.26	
2	Total O&M Expenditure	598.28	870.38	838.82	Refer note below
3	Provision for Doubtful Debt	12.99	59.25	18.14	
4	Depreciation (Other than OERC non approved Meter)	32.03	52.44	52.44	Depreciation on own funded meters not claimed in true up petition (ref sl no 21)
5	Depreciation on Meter		5.88	-	
6	Amortization of Govt funded Assets		-11.58	-11.58	
7	Interest on Consumer Security Deposit	12.26	18.68	18.68	
8	Interest on Long Term Debt & other Finance Charges	5.00	7.71	18.02	Calculated on Normative Basis
9	Interest on Working Capital	-	32.23	32.23	
10	Efficiency Gains on account of AT&C losses	-	-	4.33	
11=Sum(3 to 10)	Other Cost	62.28	164.61	132.26	
12	Less: Employee Cost Capitalised	28.37	28.37	28.37	
13=3+4+11-12	Total Expenses	1,752.43	2,075.88	2,011.97	

Note: Request Hon'ble Commission to approve the proposed amount in the petition as it was the 2nd year of operation and the amount approved was also an adhoc amount



Sr No	Particulars	Approved by OERC for FY-22-23	Actual (Based on Audited Accounts for FY-2022-23)	True Up Petition	Remarks
		(Rs Cr)	(Rs Cr)	(Rs Cr)	
14 (a)	Income Tax	-	25.51	16.36	Calculated on Normative Basis on ROE
14 (b)	Deferred Tax	-	-11.44	-	
15	Return on Equity	32.00	-	48.65	
16=13+14+15	Total Distribution Cost	1,784.43	2,089.94	2,076.97	
	Less: Misc Receipt				
17	-Non Tariff Income (NTI)	-35.16	-112.20	-74.29	Following Income not considered as part of NTI - Meter Rent Rs. 21.36 crore - Incentive on past arrear collection Rs. 16.63 crores
18	-Rebate on Total Power purchase cost	-	-11.44	-11.44	
19	-Discount to Consumer	-	21.09	21.09	
20=16+17+18+19	Total Revenue Requirement	1,749.27	1,987.38	2,012.33	
21	Revenue Earned	1,694.00	1,814.05	1,814.05	
22=20-21	Gap/(Surplus)	55.27	173.33	198.29	
23	Provisional surplus considered	-60.00	-	-	
24=22+23	Final Gap/(Surplus)	-4.73	173.33	198.29	



The Hon'ble Commission in the Tariff Order dated 23.03.2023 has stipulated following with regards to True up of FY-21 and FY-22.

*“189. The Commission hereby finalises the truing up of expenses of the new DISCOMs (TPCODL, TPSODL, TPWODL & TPNODL) for the FY 2020-21 and FY 2021-22. The Commission finds that the actual expenses booked in the audited accounts are higher than the approved costs for most of components, particularly for O&M. However, DISCOMs have booked higher Revenues also against the approved Revenues in the ARR. The DISCOMs have proposed to allow the higher costs owing to the operational requirement during these initial two years of the operations i.e., FY 2020-21 and 2021-22. **The Commission observes these proposed higher costs can only be verified through relevant information/data, field visits and third party audit.**” (Emphasis Supplied).*

In response to TPSODL's letter on True up issues, the Hon'ble Commission vide letter dated 16.05.2023 referring to para 189 of the Tariff Order FY 2023-24 has stipulated following.

“ In view of the above observation , the Commission only after undertaking verification of information /data through field visits and third-party audit may reconsider higher/lower cost ,if any, in the Truing up for FY 2020-21 and FY 2021-22 including any variation in the calculation methodology as per the existing Regulations. This will be taken into consideration while finalizing the ARR for FY 2024-25.” (Emphasis Supplied).



Sr No	Particulars	Total Approved for FY-2021-22	Audited Accounts for FY-2021-22	Approved True Up by OERC in March-23	Revised True Up submission	Remarks
		(Rs Cr)	(Rs Cr)	(Rs Cr)	(Rs Cr)	
	Input (MU)	4,100	3,942		3,942	
	Sales (MU)	3,075	3,021		3,021	
1	Gross Power Purchase Costs	964.22	926.33	926.33	926.33	
2	Employee Costs	404.76	415.39	421.53	423.70	Company has claimed terminal benefit (Rs. 137 crores) excluding actuarial provision for employees on roll
3	Employees cost on actuarial basis	-	47.71	-	-	
4	Repair & Maintenance Expenditure	88.57	90.67	88.57	90.68	
5	Administrative and General Expenditure	72.20	96.76	72.20	96.77	Refer para 18 to 44 to True-up Petition filed in Nov-23
6=Sum(2 to 5)	Total O&M Expenditure	565.53	650.53	582.30	611.15	
7	Provision for Doubtful Debt	12.21	16.54	16.55	16.55	
8	Depreciation (Other than OERC non approved Meter)	21.47	40.63	21.47	40.63	Hon'ble Commission may consider additional Rs 6.82 crores depreciation in True-up.
9	Depreciation on Meter		-		-	
10	Amortization of Govt funded Assets		-12.34		-12.34	
11	Interest on Consumer Security Deposit	11.60	11.92	11.92	11.92	Calculated based on the Regulation
12	Interest on Long Term Debt & other Finance Charges	-	1.28	15.11	4.60	Based on the actual debt drawn
13	Interest on Working Capital	-	13.84		15.11	Claimed on Normative basis
14	Efficiency Gains on account of AT&C losses	-	-	17.90	17.90	
15=Sum of 7 to 14	Other Cost	45.28	71.86	82.95	94.36	
16	Employee Cost Capitalised	-	2.17	-	2.17	
17=1+6+15-16	Total Expenses	1,575.03	1,646.55	1,591.58	1,629.67	



Sr No	Particulars	Total Approved for FY-2021-22	Audited Accounts for FY-2021-22	Approved True Up by OERC in March-23	Revised True Up submission	Remarks
		(Rs Cr)	(Rs Cr)	(Rs Cr)	(Rs Cr)	
18 (a)	Income Tax	-	18.04	18.04	18.04	
18 (b)	Deferred Tax	-	2.56	2.56	2.56	
19	Return on Equity	32.00	-	35.48	35.48	
20=17+18+19	Total Distribution Cost	1,607.03	1,667.15	1,647.65	1,685.75	
	Less: Misc Receipt					
21	-Non Tariff Income	-25.56	-83.15	-65.84	-51.13	Following Income to be retain by licensee - Meter Rent Rs. 14.66 crore - Incentive on past arrear collection Rs.17.25 crores
22	-Rebate on Total Power purchase cost	-	-9.75	-9.75	-9.75	
23	-Discount to Consumer	-	14.71	14.71	14.71	
24=20+21+22+23	Total Revenue Requirement	1,581.47	1,588.96	1,586.77	1,639.58	
25	Revenue Earned	1,522.73	1,654.63	1,654.63	1,654.63	
26=24-25	Gap/(Surplus)	58.74	-65.67	-67.86	-15.05	
27	Provisional surplus considered	-	-	-	-	
28=26+27	Final Gap/(Surplus)	58.74	-65.67	-67.86	-15.05	



Sr No	Particulars	Approved by OERC in ARR for FY-20-21 (April-20)	Approved by OERC in ARR for FY-20-21 (3 Months pro rated)	Audited Accounts for FY-2020-21 (3 Months)	Approved True Up by OERC in March-23	Revised True Up submission	Remarks
		(Rs Cr)	(Rs Cr)	(Rs Cr)	(Rs Cr)	(Rs Cr)	
	Input (MU)	4,050	-	902		902	
	Sales (MU)	3,038	-	718		718	
1	Gross Power Purchase Costs	855.17	213.80	200.28	200.28	200.28	
2	Employee Costs	370.88	92.72	96.66	96.66	96.66	As per True-up Petition, Company has claimed terminal benefit (Rs. 30.96 crores) excluding actuarial provision for employees
3	Employees cost on actuarial basis	-	-	23.95	-	-	
4	Repair & Maintenance Expenditure	45.96	11.49	1.28	1.28	1.28	
5	Administrative and General Expenditure	35.49	8.87	13.53	8.87	13.53	Plz refer para 18 to 44 to True-up Petition filed in Nov-23
6=Sum(2 to 5)	Total O&M Expenditure	452.33	113.08	135.41	106.81	111.47	
7	Provision for Doubtful Debt	10.79	2.70	3.53	2.70	3.53	
8	Depreciation (Other than OERC non approved Meter)			6.91	6.91	6.91	
9	Depreciation on Meter	29.03	7.26	-	-	-	
10	Amortization of Govt funded Assets			-	-	-	
11	Interest on Consumer Security Deposit	13.73	3.43	3.15	3.15	3.15	
12	Interest on Long Term Debt & other Finance Charges	11.75	2.94	1.49	1.49	1.49	Based on the actual debt drawn
13	Interest on Working Capital	-	-	0.09	0.09	0.09	Claimed on Normative basis
14	Efficiency Gains on account of AT&C losses	-	-	-	10.92	10.92	
15= sum(7 to 14)	Other Cost	65.30	16.33	15.17	25.26	26.09	
16	Employee Cost Capitalised	-	-	-	-	-	
17=1+6+15-16	Total Expenses	1,372.80	343.21	350.87	332.35	337.84	



Sr No	Particulars	Approved by OERC in ARR for FY-20-21 (April-20)	Approved by OERC in ARR for FY-20-21 (3 Months pro rated)	Audited Accounts for FY-2020-21 (3 Months)	Approved True-up by OERC in March-23	Revised True-up submission	Remarks
		(Rs Cr)	(Rs Cr)	(Rs Cr)	(Rs Cr)	(Rs Cr)	
18 (a)	Income Tax	-	-	-	-	4.93	
18 (b)	Deferred Tax	-	-	-9.17	-	-	
19	Return on Equity	6.03	1.51	-	8.00	8.00	
20=17+18+19	Total Distribution Cost	1,378.83	344.72	341.69	340.35	350.77	
	Less: Misc Receipt						
21	-Non Tariff Income	-39.77	-9.94	-27.72	-16.08	-16.08	Following Income to be retained by licensee - Meter Rent Rs. 2.56 crore - Incentive on past arrear collection Rs.9.08 crores
22	-Rebate on Total Power purchase cost	-	-	-1.53	-1.53	-	
23	-Discount to Consumer	-	-	2.07	-	2.07	Discount availed by consumer not allowed by Hon'ble Commission in True-up Order in March-23
24=20+21+22+23	Total Revenue Requirement	1,339.06	334.77	314.52	322.74	336.77	
25	Revenue Earned	1,345.96	336.49	355.38	355.38	355.38	
26=24-25	Gap/(Surplus)	-6.90	-1.72	-40.86	-32.64	-18.61	
27	Provisional surplus considered	-	-	0.09	0.09	0.09	
28=26+27	Final Gap/(Surplus)	-6.90	-1.72	-40.77	-32.55	-18.52	



7. Prayers



TPSODL (the Licensee) most humbly prays before the Hon'ble Commission to kindly :

- Approve the ARR for the FY 2024-25 & Provisional Truing up of FY 2023-24.
- Bridge the GAP for FY 2024-25 through reduction in Bulk Supply Tariff at least 60 paisa p.u.
- Allow Tariff Rationalization Measures as proposed.
- Approve the Open Access Charges for the FY 2024-25.
- Approve the truing-up petition for the FY 2022-23.
- Approve the truing-up petition for the FY 2021-22 , FY 2020-21 (3 months) against the earlier True-up Order.
- Licensee craves leave for submission of further/additional reply as and when required.
- Any other relief, order or direction which the Hon'ble Commission deems fit.

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Thank You!