

A. INTRODUCTION

- 1.1 Tata Power Delhi Distribution Limited (TPDDL), the Distribution Licensee, has filed its Petition for Approval of True-up of FY 2022-23 and Aggregate Revenue Requirement (ARR) for FY 2024-25.
- 1.2 The Executive Summary contains the summary of the Petition filed by TPDDL for True-up of FY 2022-23 (*based on Audited Accounts*) and ARR & Tariff for FY 2024-25.
- 1.3 The True-up for FY 2022-23 shall be determined based on the provisions of *DERC (Terms and Conditions for Determination of Tariff) Regulations, 2017* and *DERC (Business Plan) Regulations, 2019*, ARR and Tariff for FY 2024-25 shall be determined based on the provisions of *DERC (Terms and Conditions for Determination of Tariff) Regulations, 2017* and *DERC (Business Plan) Regulations, 2023*. ARR broadly has the following components:
- Power Purchase Cost including Transmission Charges
 - Operation and Maintenance (O&M) Expenses
 - Return on Capital Employed
 - Depreciation
 - Income Tax
 - Non-tariff Income, etc.
- 1.4 The following tables/ figures have been extracted from the Petitions filed by TPDDL for ease of understanding to various stakeholders. Complete Petition is also available on DERC website <http://www.derc.gov.in/>

B. TRUE-UP OF FY2022-23

- 1.5 TPDDL has submitted its Billed Energy & Revenue (*net of Electricity Tax & Pension Trust Surcharge*) of 9946.72 MU & Rs. 9130.75 Cr. respectively, at approved Retail Supply Tariffs for FY 2022-23 as follows:

Table 1: Energy Sales & Revenue for FY 2022-23

Sr. No.	Category	Total Number of consumers and sanctioned load		Net Units Sold	Fixed Charges Billed	Energy Charges /other charges Billed	PPCA Amount Billed	Total	ABR	Surcharge of 8%
		MW	No.	MU	Rs. Cr.				Rs./ kWh	Rs. Cr.
1	Domestic	3505	1655847	4935	212.93	2045.66	438.89	2697.47	5.47	180.73
2	Non-Domestic	1743	258978	2094	496.58	1771.31	460.64	2728.53	13.03	181.24
3	Industrial	870	14511	2177	341.83	1724.66	406.42	2472.92	11.36	165.45
4	Agriculture	32	4183	18	5.27	2.92	1.63	9.81	5.58	0.65
5	Public Utilities	223	6443	574	63.11	391.48	89.13	543.71	9.47	38.92

Sr. No.	Category	Total Number of consumers and sanctioned load		Net Units Sold	Fixed Charges Billed	Energy Charges /other charges Billed	PPCA Amount Billed	Total	ABR	Surcharge of 8%
		MW	No.	MU	Rs. Cr.				Rs./ kWh	Rs. Cr.
6	Advertisement & Hoardings	0.38	203	0.32	0.12	0.27	0.08	0.47	14.76	0.03
7	Temporary Supply	38	14121	64	7.97	51.68	12.00	71.65	11.19	4.77
8	Charging Stations for E-Rickshaw/ E-Vehicle on Single Delivery Point	29	1131	44	0.00	19.54	3.99	23.53	5.38	1.56
9	Others	28	3681	41	4.54	20.44	3.89	28.88	7.07	1.94
10	(-) Open Access Charges (to be treated separately)	-	-	-	0.00	21.22	-	21.22	-	0.29
	Total	6467	1959098	9947	1132.34	6006.74	1416.66	8555.75	8.60	575.00
Reconciliation Statement with the Audited Form 2.1 a										
	Billed amount of Fixed Charges									1132.34
	Billed amount of Energy Charges									6006.74
	Billed amount of PPAC Charges									1416.66
	Billed Amount of 8% Deficit Recovery Surcharge									575.00
	Billed amount of E. Tax									377.19
	Billed amount of Pension Trust Surcharge									483.04
	Total amount of Revenue Billed									9990.97
	Average Billing Rate at gross level (Rs./kWh)									10.04

1.6 During FY 2022-23, TPDDL has realised an amount of Rs. 9991.67 Cr. against the total Revenue billed of Rs. 9990.97 Cr.

1.7 TPDDL has submitted actual Distribution Loss level of 6.36% for FY 2022-23 and its share in overachievement incentive on account of Distribution Loss is as follows:

Table 2: Computation of T& D Loss and Overachievement for FY 2022-23

Sr. No.	Particulars	Values
1	Input (MU)	10621.76
2	Billed Units (MU)	9946.72
3	Actual Distribution Loss Level (%)	6.36%
4	Target Distribution Loss Level (%)	7.70%
5	Overachievement/(Underachievement) (%)	1.34%

Table 3: Overachievement Incentive on account of reduction in Distribution Loss Level

Sr. No.	Particulars	UoM	MU
1	Billed Sales	MU	9946.72
2	Actual Distribution Loss Level	%	6.36%
3	Target Distribution Loss Level	%	7.70%
4	Actual Input @ actual distribution loss level	MU	10621.76
5	Desired Input @ Target distribution loss level	MU	10764.60
6	Saving in Input due to lower distribution loss level	MU	142.84
7	Power Purchase Cost	Rs./kWh	7.12
8	Total Overachievement Incentive	Rs. Cr.	101.74
9	TPDDL's Share	Rs. Cr.	66.57

- 1.8 TPDDL has submitted collection efficiency as 100.08% for FY 2022-23 and Overachievement Incentive on account of higher collection efficiency as follows:

Table 4: Computation of Collection Efficiency and Incentive for FY 2022-23

Sr. No.	Particulars	UoM	Values
1	Amount Billed	Rs. Cr.	8555.75
2	Amount Collected	Rs. Cr.	8562.67
3	Collection Efficiency	%	100.08%
4	Target collection efficiency	%	99.50%
5	Amount of Collection over and above 99.50% target	Rs. Cr.	49.70
6	Sharing of Incentive		
7	Discoms (50% upto 100% and 100% beyond 100% collection)	Rs. Cr.	28.31
8	Consumers (50% upto 100% collection)	Rs. Cr.	21.39

- 1.9 The Power Purchase Quantum for True-up of FY 2022-23 as submitted by TPDDL is as follows:

Table 5: Power Purchase Quantum (MU) for FY 2022-23 as per SLDC Report

Sr. No.	Particulars	Actual Power Purchase
1	Power Purchase:	
i	Power Purchase Quantum	11491.97
ii	Short Term Power Purchase quantum	1240.41
iii	Short term sale of Power	(1585.85)
iv	Net Power Purchase	11146.53
2	Transmission Loss:	
i	Inter-State Transmission Loss	(98.09)
ii	Intra-State Transmission Loss	(426.68)
iii	Total Transmission Loss	(524.77)
3	Net Power Available after Transmission Loss	10621.76

1.10 The RPO obligations as submitted by TPDDL for true -up of FY 2022-23 is as follows:

Table 6: RPO obligations for FY 2022-23

Particulars	RPO requirement for FY 2022-23				
	UoM	Solar	Non-Solar	HPO	Total
Total Billed Sales	MU				9946.7
Less- units from Hydro	MU				826.8
Balance Billed sales to be met through RPO Obligation	MU				9119.9
RPO obligation	%	10.50%	10.50%	0.35%	21.35%
Total RPO to be met	MU	957.6	957.6	31.9	1947.1
Long term Tied up Quantum	MU	678.3	430.9	-	1109.1
Short term Tied up Quantum	MU	9.2	22.8	18.6	50.5
Adjusted for RPO compliance for FY 2021-22	MU	(22.5)	-	-	(22.5)
REC Purchased	MU	215.7	426.3	0.0	642.0
Last Year Carry Forward (FY 2021-22 as allowed by the Hon'ble Commission on 28 th Mar'2023)	MU		129.1		129.1
Adjustment done from Q1 FY 2023-24 as per Regulation 27 (2) of BPR, 2019	MU	28.1	-	10.7	38.8
Balance RPO compliance at the end of March 21	MU	(48.8)	51.5	(2.7)	-
Non-Solar Surplus adjusted in Solar & HPO Shortfall as per Regulation 27 (2) of BPR, 2019	MU	48.8	(51.5)	2.7	-
Balance	MU	-	-	-	-

1.11 The actual Power Purchase Cost as submitted by TPDDL for True-up of FY 2022-23 is as follows:

Table 7: Power Purchase Cost for FY 2022-23

Particulars	Particulars		
	MU	(Rs. Cr.)	Rs./kWh
Power Purchase from CSGS	9622.10	4867.46	5.06
Short Term Power Purchase	1240.41	829.31	6.69
Power Purchase – Delhi Gencos	811.44	1134.38	13.98
RPO Obligations	1058.27	401.21	3.79
Cost of REC Certificate – towards RPO		79.79	
Gross Power Purchase Cost	12732.21	7312.14	5.74
Add: Transmission Charges			
PGCIL charges	(98.09)	844.36	
DTL charges	(426.68)	255.13	
Other transmission charges		125.69	
Less: Surplus Power sold / Banked / UI sales	(1585.85)	(959.57)	6.05
Power Purchase Cost (Audited)	10621.59	7577.75	7.13

Particulars	Particulars		
	MU	(Rs. Cr.)	Rs./kWh
Net Normative Rebate on power purchase		(128.14)	
Add: Incentive on Sale of Surplus Power		114.81	
Add- Normative additional units of power Banking @ 2.62/unit		1.13	
Net Power Purchase Cost	10621.59	7565.56	7.12

- 1.12 The O&M Expenses as submitted by TPDDL for FY 2022-23 with additional O&M Expenses on account of change in statutory levies & Taxes is tabulated as follows:

Table 8: Normative O&M Expenses for FY 2022-23

Particulars	Unit	Capacity as on 31/03/2022	Capacity as on 31/03/2023	Rate	Average Capacity	Amount (Rs.Cr.)
66 kV Line	Rs. Lakh/ckt.km	616.41	621.77	3.320	619.09	20.55
33 kV Line	Rs. Lakh/ckt.km	604.53	616.81	3.320	610.67	20.27
11 kV Line	Rs. Lakh/ckt.km	7274.81	7456.75	1.008	7365.78	74.25
LT Line System	Rs. Lakh/ckt.km	7619.60	7758.46	7.912	7689.03	608.36
66/11 kV Grid S/s	Rs. Lakh/MVA	3213.50	3339.50	1.029	3276.50	33.72
33/11 kV Grid S/s	Rs. Lakh/MVA	1873.00	1913.00	1.029	1893.00	19.48
11/04.15 kV DT	Rs. Lakh/MVA	6368.99	6452.45	1.605	6410.72	102.89
Total						879.52

Table 9: Summary of Additional O&M Expenses on account of statutory levies & Taxes for FY 2022-23

Sr. No.	Particulars	Amount (Rs. Cr.)
<u>Change in Law</u>		
1	Land Licensee fees towards Grid	2.11
2	Incremental impact of GST	34.66
3	Incremental impact of Minimum wages	12.61
<u>Actual as per Regulation</u>		
4	7 th Pay Commission Impact- FRSR employees	22.73
<u>As per APTEL order 246/2014 dated 30/09/2019</u>		
5	Allowance of Financing Charges	0.86
<u>Other Expenses not forming part of Base year expenses at the time of Normative O&M expenses determination</u>		
6	Professional Expenses	7.98
7	Legal Expenses	22.15
8	CETP Charges	0.40
	Sub Total	103.48

- 1.13 The Non-Tariff Income claimed by TPDDL for Truing-Up of FY 2022-23 is Rs. 118.19 Cr. Break-up of the same is tabulated below:

Table 10: Non-Tariff Income for FY 2022-23

Sr. No.	Particular	Amount (Rs. Cr.)
1	Other Operating Revenue	118.93
2	Other Income	106.76
	Total –(I)	225.69
	Less: Income included in above, not passed as Non-Tariff Income as per DERC Tariff Regulations, 2017	
3	Transfer from capital grants	0.57
4	Transfer from consumer Contribution for Capital work	51.43
5	Incentive towards Street Light	0.73
6	Interest Income /Short term capital gain	9.65
7	Financing Cost of LPSC	7.44
8	Income from other Business	57.44
	Total –(II)	127.26
	Add: Income included above, but not required to be passed as Non-Tariff Income	
9	Differential amount of Service Line Charges – III	(7.25)
A	Non-Tariff Income (Sub- Total)	91.19
B	Income from other Business	11.15
C	Interest on Security Deposit	(5.65)
D	Income from Open Access	21.44
	Total	118.13

- 1.14 The Gross Fixed Assets for FY 2022-23 is tabulated as below:

Table 11: Detail of Actual Capitalization

Sr. No.	Particulars	Amount (Rs. Cr.)
1	Provisional opening balance of Gross Fixed Assets (net of Retirement) (as on 1 st April' 20)	5996.08
2	Add- Capitalization during the FY 2020-21	501.39
3	Less- Retirement/De-capitalization for the FY 2020-21	41.17
4	Provisional closing balance of Gross Fixed Assets (net of Retirement) (as on 31 st March' 21)	6456.30
5	Add- Capitalization during the FY 2021-22	415.76
6	Add- 7 th Pay LSC/PC Payment	8.62
7	Less- Retirement/De-capitalization for the FY 2021-22	79.68
8	Closing balance of Gross Fixed Assets (net of Retirement) (as on 31 st March' 22)	6801.01
9	Add – Capitalization during the FY 2022-23	447.65
10	Less – Retirement/De-capitalization for the FY 2022-23	54.94
11	Closing balance of Gross Fixed Assets (net of Retirement) (as on 31 st March' 23)	7193.71
12	Average Balance of Gross Fixed Assets	6997.36

- 1.15 The Depreciation on Average Assets (*Net of consumer contribution/grants*) for FY 2022-23 is tabulated as below:

Table 12: Depreciation on Net Fixed Assets

Sr. No.	Particulars	Amount (Rs. Cr.)
1	Average of Fixed Assets (net of Consumer Contribution)	6002.46
2	Depreciation Rate	4.80%
3	Depreciation	288.05

- 1.16 The Computation of Regulated Rate Base (RRBi) submitted by TPDDL for True-up of FY 2022-23 is tabulated as below:

Table 13: Computation of Regulated Rate Base

Sr. No.	Particulars	Amount (Rs.Cr.)
1	Opening GFA	6801.01
2	Opening Accumulated Depreciation	2512.99
3	Opening Consumer Contribution	964.51
4	Opening Working Capital	854.11
5	Opening RRB	4177.62
6	Investment during the year	190.82
7	Net Capitalisation	392.70
8	Depreciation (Net of Retirement)	251.81
9	Consumer Contribution	60.77
10	Change in Working Capital	150.76
11	Regulated Rate Base - Closing	4408.49
12	RRB(i)	4368.43

- 1.17 The Computation of Working Capital for FY 2022-23 submitted by TPDDL is tabulated as below:

Table14: Computation of Working Capital for FY 2022-23

Sr. No.	Particulars	Amount (Rs.Cr.)
1	Annual Revenue	9811.97
2	Receivables equivalent to 2 months average billing	1635.33
3	Power Purchase expenses	7565.56
4	1/12th of power purchase expenses	630.46
5	Total Working Capital	1004.87

- 1.18 TPDDL has submitted the computation of Weighted Average Cost of Capital (WACC) and Return on Capital Employed (*RoCE*) for FY 2022-23 as below:

Table 15: WACC and RoCE for FY 2022-23

Sr. No.	Particulars	Amount (Rs.Cr.)
1	RRB (i)	4368.43
2	Average Equity deployed in the business	1741.37

Sr. No.	Particulars	Amount (Rs.Cr.)
3	Average Debt-Capex Loan	1622.19
4	Average Debt - Working Capital	1004.87
5	Rate of Return on Equity (re) - %	16.00%
6	Effective Tax Rate - %	17.92%
7	Grossed up Return on Equity - %	19.49%
8	Rate of Interest on Debt (rd) - % - Blended	6.95%
9	WACC - %	11.95%
10	RoCE	522.16
11	Additional tax liability due to Deferred tax	15.54

- 1.19 The Aggregate Revenue Requirement (ARR) for FY 2022-23 as submitted by TPDDL is as below:

Table 16: Summary of Aggregate Revenue Requirement (ARR) for FY 2022-23

Sr. No.	Particulars	Amount (Rs. Cr.)
1	Power Purchase cost	7565.56
2	Normative O&M Expenses	879.52
3	Other O&M Expenses	103.48
4	Depreciation	288.05
5	Loss on Retirement of Assets	8.35
6	RoCE (Income Tax)	537.69
7	Carrying Cost	547.45
8	Less- Non-Tariff Income	(91.19)
9	Less- Interest on Consumer Security Deposit	5.65
10	Less- Income from Non-Energy Business	(11.15)
11	Less- Income from Open Access	(21.44)
12	Aggregate Revenue Requirement (ARR)	9811.97

- 1.20 The Revenue Surplus/ (Gap) for the FY 2022-23 is tabulated as below:

Table17: Revenue surplus/ (Gap) for FY 2022-23

Sr. No.	Particulars	Amount (Rs.Cr.)
1	Revenue Available towards ARR net of Incentives	8409.65
2	Aggregate Revenue Requirement (net of carrying cost)	9264.52
3	Revenue Surplus/(Gap)	(854.88)

- 1.21 TPDDL has submitted the computation of Carrying Cost and Closing Revenue Gap for FY 2022-23 as tabulated below:

Table 18: Computation of closing Revenue Gap for FY 2022-23

Sr. No.	Particulars	Amount (Rs.Cr.)
1	Opening Provisional trued up Revenue Gap upto FY 2019-20	(1762.82)
2	Add: Revenue Gap sought for FY 2020-21 (including carrying cost and DRRS)	(587.35)
3	Add: Revenue Gap sought for FY 2021-22 (including carrying	(789.04)

Sr. No.	Particulars	Amount (Rs.Cr.)
	cost and DRRS)	
4	Closing Provisional true-up Revenue Gap upto FY 2021-22	(3139.21)
5	Impact of Prior Period Judgements	(2232.80)
6	Revised Opening Revenue Gap for FY 2022-23	(5372.01)
7	Add: Revenue Gap sought for the year	(854.88)
8	Add: Rithala Impact FY 2022-23	(20.48)
9	Total addition during the year FY 2022-23	(875.36)
10	Average Revenue Gap	(5809.69)
11	Carrying Cost Rate	9.42%
12	Add: Carrying Cost	(547.45)
13	Less- Realization from 8% Deficit recovery surcharge	575.89
14	Closing Revenue Gap	(6218.93)

C. ARR FOR FY2023-24

- 1.22 TPDDL has submitted its Projected Sales and Estimated Billed Revenue for FY 2024-25 as below:

Table 19: Estimated Sales and Billed Revenue for FY 2024-25

Category	Sales (MU)	Fixed Charges (Rs.Cr.)	Energy Charges (Rs.Cr.)	TOD Tariff (Rs. Cr.)	Total Revenue (Rs. Cr.)
Domestic	4866.56	243.91	1779.18	0.00	2023.08
Non –Domestic	2345.12	577.15	2008.09	10.95	2596.19
Industrial	1899.54	246.24	1570.02	10.47	1826.73
Agriculture	15.63	5.08	2.34	0.00	7.43
Mushroom Cultivation	1.46	0.12	0.51	0.00	0.63
Public Utilities	623.19	69.26	417.40	0.35	487.01
Adv. & Hoardings	0.30	0.15	0.25	0.00	0.41
E Vehicle	134.18	0.01	60.38	0.25	60.64
Others	92.27	4.41	67.22	0.00	71.63
Own Consumption	24.95				
Total	10003.19	1146.34	5905.40	22.02	7073.75
8% Deficit Revenue Surcharge					565.87

- 1.21 TPDDL has submitted its Estimated Energy Requirements for FY 2024-25 as below:

Table 20: Estimated Energy Requirements for FY 2024-25

Sr. No	Particulars	UoM	Value
1	Expected Sales	MU	10003
2	Distribution Loss	%	6.83%
3	Energy Input (at TPDDL periphery)	MU	10736

Sr. No	Particulars	UoM	Value
4	Distribution Loss	MU	733

- 1.22 TPDDL has considered the Collection efficiency at 99.80% level for FY2024-25 is as under:

Sr. No	Particulars	Value
1	Estimated Billing at Current Tariffs-without DRS,E Tax & Pension Trust (Rs. Cr.)	7073.75
2	Collection Efficiency (%)	99.80%
3	Estimated Collection (Rs. Cr.)	7059.60

- 1.23 TPDDL has submitted the estimated Energy Balance and Power Purchase Cost for FY 2024-25 is asunder:

Table 21: Energy Balance Summary and Power Purchase Cost for FY 2024-25

Sr. No.	Particulars	Energy MU	Amount (Rs. Cr.)	Rate (Rs./kWh)
1	Power from CSGS	10213	4679	4.58
2	Power from SGS	1084	1160	10.70
3	Short Term Power Purchase	-	-	-
4	RPO obligation to be met through purchase from Renewable Sources	1901	783	4.12
5	RPO obligation to be met through purchase of REC & HEC		42	
6	Arrears/Compensation			
7	TOTAL Purchase	13198	6810	5.16
8	Transmission losses (Intra state & Interstate)	(461)		
9	Transmission charges		1079	
10	Total Purchase with Transmission Charges	12737	7889	6.19
11	Less: Short Term surplus power sale	(2001)	(800)	4.00
12	Less: Normative Rebate		(108)	
13	Net Power Purchase Cost	10736	6981	6.50

- 1.24 TPDDL has submitted the O&M expenses along with additional Expenses on account of change in statutory levies & Taxes as shown below:

Table 22: Projected O&M Expenses for FY 2024-25

Sr. No.	Particulars	Amount Rs. Cr
A	Normative O&M Expenses	673.05
B	FRSR Employee Cost (Net of capitalization)	271.24

Sr. No.	Particulars	Amount Rs. Cr
C	Statutory Levies	
1	DERC License Fee	4.50
2	Land License Fee	16.21
3	Property Tax	2.27
4	Rates & Taxes	0.15
5	CETP Charges	0.43
6	Other Regulatory Charges	0.93
D	Legal Expenses	24.41
E	Replacement cost against FRSR Retirees	36.12
	Total amount sought towards O&M Expenses	1029.31

1.25 TPDDL has submitted projected approved capitalization for FY 2024-25 as below:

Table 23: Projected Approved Capitalization for FY 2024-25

Particulars	Amount (Rs. Cr.)
Capitalization without deposit work	300
Employee Cost capitalization & IDC	63
Deposit Work	50
Total	413

1.26 TPDDL has submitted the depreciation for FY 2024-25 as follows:

Table 24: Depreciation for FY 2024-25 (Rs. Crore)

Sr. No.	Particulars	Amount
A	Opening GFA	7642.41
B	Net additions during the year	413.00
C	Closing GFA	8055.41
D	Average GFA	7848.91
E	Less: Average Consumer Contribution	1155.28
F	Average GFA net of CC	6693.63
G	Average rate of depreciation	4.80%
H	Depreciation for the year	321.22
I	Opening accumulated Depreciation	3079.07
J	Closing accumulated Depreciation	3400.29
K	Average Depreciation	3239.68

1.27 TPDDL has submitted the computation of Change in Working Capital for FY 2024-25 as below:

Table 25: Computation of Change in Working Capital

Sr. No.	Particulars	Amount (Rs Cr.)
1	Annual Revenue Requirement	9557.18
2	Receivables equivalent to 2 months ARR	1592.86
3	Power Purchase expenses	6981.23
4	Add: 1/12th of power purchase expenses	581.77
5	Total working capital	1011.09

Sr. No.	Particulars	Amount (Rs Cr.)
6	Opening working capital	1037.73
7	Change in working capital	(26.64)

- 1.28 Based on the above, the Regulated Rate Base (RRB) for FY 2024-25 has been computed as follows:

Table 26: Regulated Rate Base for FY 2024-25 (Rs. Crore)

Sr. No.	Particulars	Amount
A	Opening balance of OCFA	7642.41
B	Opening Balance of Accumulated Depreciation	3079.07
C	Opening balance of Accumulated Consumer Contribution	1130.28
D	Opening balance of Working Capital	1037.73
E	RRB- Opening	4470.79
F	Capitalization during the year	413.00
G	Depreciation for the year (Including AAD)	321.22
H	Consumer Contribution, Grants	50.00
I	Change in Working Capital	(26.64)
J	ΔAB (Change in Regulated Base)	(5.75)
K	Regulated Rate Base-Closing	4485.93
L	RRB(i)	4465.04

- 1.29 TPDDL has considered the Rate of interest on Debt as 9.55%, return on equity has been considered as 14% for FY 2024-25.

- 1.30 TPDDL has submitted the computation of Return on Capital Employed (RoCE) for FY 2024-25 as below:

Table 27: Computation of Return on Capital Employed (RoCE) for FY 2024-25

Sr. No.	Particulars	Amount (Rs. Cr.)
1	RRB (i)	4465.04
2	WACC (%)	12.74%
3	Return on Capital Employed (RoCE)	568.82

- 1.31 The Non-Tariff Income estimated by TPDDL for FY 2024-25 is tabulated below:

Table 28: Non-Tariff Income

Sr. No.	Particulars	Amount (Rs. Cr.)
1	Non-Tariff Income/ Interest on Security Deposit	101.69
2	Additional Open Access Charges	
3	Total	

1.32 The summary of ARR requirement for FY 2024-25 as submitted by TPDDL is as below:

Table 29: Summary of Aggregate Revenue Requirement

Sr. No.	Particulars	Amount (Rs.Cr.)
1	Cost of Power Purchase	6981.23
2	O&M Expenses including Legal Expenses	1029.31
3	Depreciation	321.22
4	Return on Capital Employed	568.82
5	Carrying Cost	758.28
6	Less: Non-Tariff Income/ Interest on consumer security Deposit	(101.69)
7	Annual Revenue Requirement (ARR)	9557.18

1.33 The computation of Revenue (Gap) for FY 2024-25 without carrying cost is as below:

Table 30: Computations of Revenue (Gap) for the year without carrying Cost

Sr. No.	Particulars	Amount (Rs.Cr.)
1	Aggregate Revenue Requirement for the year without carrying cost	8798.90
2	Revenue available for the year without DRS	7059.60
3	Revenue (Gap)/surplus for the year	(1739.30)

1.34 The computation of Closing Revenue Gap for FY 2024-25 as submitted by TPPDL is tabulated below:

Table 31: Computations of Closing Revenue Gap

Sr. No.	Particulars	Amount (Rs. Cr.)
1	Opening Provisional trued up Revenue Gap up to FY 2019-20	(1762.82)
2	Add: Revenue Gap sought for FY 2020-21 (including carrying cost & DRRS)	(587.35)
3	Add: Revenue Gap sought for FY 2021-22 (including carrying cost & DRRS)	(789.04)
4	Closing Provisional trues up Revenue Gap up to FY 2021-22	(3139.20)
5	Impact of various favorable Judgements	(2232.80)
6	Revised Opening Revenue Gap up to FY 2022-23	(5372.00)
7	Add: Revenue Gap sought for FY 2022-23 (including carrying cost & DRRS)	(846.92)
8	Opening Revenue Gap for FY 2022-23	(6218.92)
9	Add: Projected Revenue Gap for FY 2023-24	(2132.41)
10	PPAC @ 29.13% as per DERC Order 7/06/2023	2057.30
11	Closing Revenue Gap for FY 2023-24	(6294.04)
12	Revenue (Gap)/Surplus for the year	(1739.30)
13	Closing Revenue (Gap)	(8033.33)
14	Carrying Cost Rate	10.59%
15	Carrying Cost	(758.28)
16	Deficit Revenue Recovery Surcharge	564.74

Sr. No.	Particulars	Amount (Rs. Cr.)
17	Closing Revenue Gap (including carrying cost)	(8226.87)

D. PROPOSALS ON TARIFF RATIONALIZATION

1.35 TPDDL has requested to implement the following proposals on Tariff Structure for FY 2024-25:

- a) Time Bound recovery of Regulatory Assets/Revenue Gap.
- b) Time Bound True-up of Capital Assets irrespective of Physical Verification.
- c) Review of Time of Day (ToD) Tariff.
- d) Allowance of Loss due to disposal of Property, Plant & Equipment.
- e) Linkage of Tariff Revision to CPI.
- f) Rationalization of Tariff by matching recovery of fixed cost of DISCOMs from fixed part of Retail Supply Tariff.
- g) Progressive Tariff rationalization in Domestic Consumer Segment as per Electricity Act & National Tariff Policy and Non-Telescopic Tariff for high consuming Domestic Consumers.
- h) Allow the levy of 8% Deficit Recovery Surcharge (DRS) on Power Purchase Adjustment Cost (PPAC).
- i) Green Power Tariff for consumers with less than 1 MW sanctioned load and Non-Open Access consumers.
- j) Mandatory Online Payment for consumers with Bill more than Rs. 4000/-
- k) Mechanism for recovery of Power Purchase Adjustment Cost (PPAC).
- l) Request to update the Other/Miscellaneous charges every year in the Tariff Orders.
- m) Tariff Based Competitive Bidding (TBCB) in the Intra-State Transmission Network.
- n) Rationalization of useful life of Distribution assets in line with recommendation of Forum of Regulators (FoR).
- o) Subsidy Mechanism.
- p) Laying Down of Principles for Segregation of Wheeling and Supply Costs of Distribution Utilities.
- q) Tariff Rationalization for charging of Electrical Vehicles on the basis of usage.
- r) For Domestic Category fixed charges should be levied on billing demand and

surcharge on excess load.

- s) Pension Trust Liability allocated to wider sales estimated in FY 24-25 as compared to the sales estimates for FY 21-22.
- t) Impact of New Wage Code 2022.
- u) Levy of Surcharge on all residential connections under temporary supply.
- v) Revised methodology for LPSC.
- w) Charging of leading power factor while billing (kVAh billing) to high End Consumers as allowed by other SERC's like Maharashtra Electricity Regulatory Commission.
- x) Surcharge on Excess drawal.
- y) Restoration of "part thereof" w.r.t. calculation of Maximum Demand for Fixed Charges of Consumers.
- z) CERC defined APPC for compensation /payment for excess generation for prosumers.
- aa) Mandatory e-bill for load above 5 kW and for Zero Amount Payable bills.
- bb) Concessions and benefits only to the consumers with clean payment record and no theft Cases.
- cc) Levy of penalty on Harmonics and installation of PQ meters by HT/EHT consumers.
- dd) Behavioral Demand Response (BDR) Program.
- ee) Peer to Peer Trading.