

A. INTRODUCTION

- 1.1 Tata Power Delhi Distribution Limited (TPDDL), the Distribution Licensee, has filed Petitions for Approval of True-up of FY 2021-22 and Aggregate Revenue Requirement (ARR) for FY 2023-24.
- 1.2 The Executive Summary contains the summary of the Petitions filed by TPDDL for True-up of FY 2021-22 (*based on Audited Accounts*) and ARR for FY 2023-24.
- 1.3 The True-up of FY 2021-22 shall be determined based on the provisions of *DERC (Terms and Conditions for Determination of Tariff) Regulations, 2017* and *DERC (Business Plan) Regulations, 2019*, and ARR for FY 2023-24 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 Petitions are also available on DERC website <http://www.derc.gov.in/>

B. TRUE-UP OF FY 2021-22

- 1.5 TPDDL has submitted its Billed Energy & Revenue of 8752 MU & Rs. 8122.69 Cr. respectively, for FY 2021-22 as follows:

Table 1: Billed Energy Sales & Revenue for FY 2021-22

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	DPR Surcharge of 8%
		MW	No.	MU	Rs. Cr.				Rs./ kWh	Rs. Cr.
1	Domestic	3299	1589593	4428	203.86	1784.79	189.19	2177.83	4.92	159.11
2	Non-Domestic	1264	236946	1349	399.92	1133.48	163.98	1697.38	12.58	122.54
3	Industrial	1329	30201	2340	430.05	1865.66	257.68	2553.38	10.91	184.25
4	Agriculture	31	4222	14	5.29	2.39	0.84	8.52	5.90	0.61
5	Public Utilities	216	6388	501	60.73	347.26	44.20	452.18	9.03	35.31

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	DPR Surcharge of 8%
		MW	No.	MU	Rs. Cr.				Rs./ kWh	Rs. Cr.
6	Advertisement & Hoardings	1	223	0	0.14	0.34	0.06	0.54	12.77	0.04
7	Temporary Supply	36	13378	58	8.31	45.69	5.97	59.97	10.41	4.31
8	Charging Stations for E-Rickshaw/ E-Vehicle on Single Delivery Point	12	870	23	0.01	10.40	1.18	11.60	5.02	0.83
9	Others	28	3757	39	3.30	15.11	1.67	20.08	5.20	1.43
10	(-) Open Access Charges (to be treated separately)					-21.76	0.00	-21.76		-1.10
	Total	6215	1885578	8752	1111.60	5183.35	664.77	6959.72	7.95	507.33
	Reconciliation Statement with the Audited Form 2.1 a									
	Billed amount of Fixed Charges									1111.60
	Billed amount of Energy Charges									5183.35
	Billed amount of PPAC Charges									664.77
	Billed Amount of 8% Deficit Recovery Surcharge									507.33
	Billed amount of E. Tax									301.20
	Billed amount of Pension Trust Surcharge									354.45
	Total amount of Revenue Billed									8122.69
	Average Billing Rate at gross level (Rs./kWh)									9.28

- 16 TPDDL has realized Revenue amounting to Rs. 8152.04 Cr. (including 8% Surcharge, Pension Surcharge, and Electricity Tax).
- 17 TPDDL has submitted actual Distribution Loss level of 7.11% for FY 2021-22 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 2021-22

Sr. No.	Particulars	Values
1	Input (MU)	9422.05
2	Billed Units (MU)	8752.21
3	Actual Distribution Loss Level (%)	7.11%
4	Target Distribution Loss Level (%)	7.80%
5	Overachievement/(Underachievement) (%)	0.69%

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

Sr. No.	Particulars	UoM	Values
1	Billed Sales	MU	8752.21
2	Actual Distribution Loss Level	%	7.11%
3	Target Distribution Loss Level	%	7.80%
4	Actual Input @ actual distribution loss level	MU	9422.05
5	Desired Input @ Target distribution loss level	MU	9487.13
6	Saving in Input due to lower distribution loss level	MU	65.08
7	Power Purchase Cost	Rs./kWh	6.39
8	Total Overachievement Incentive	Rs. Cr.	41.56
9	TPDDL's Share	Rs. Cr.	26.70

- 18 TPDDL has submitted Collection Efficiency as 100.45% for FY 2021-22 and Incentive on account of Overachievement of Collection Efficiency as follows:

Table 4: Computation of Collection Efficiency and Incentive for FY 2021-22

Sr. No.	Particulars	UoM	Values
1	Amount Billed	Rs. Cr.	6959.72
2	Amount Collected	Rs. Cr.	6991.27
3	Collection Efficiency	%	100.45%
4	Target collection efficiency	%	99.50%
5	Amount of Collection over and above 99.50% target	Rs. Cr.	66.35
6	Sharing of Incentive		
7	DISCOM (50% upto 100% and 100% beyond 100% collection)	Rs. Cr.	48.95
8	Consumers (50% upto 100% collection)	Rs. Cr.	17.40

- 19 The Power Purchase Quantum for True up of FY 2021-22 as submitted by TPDDL is as follows:

Table 5: Power Purchase Quantum (MU) for FY 2021-22 as per SLDC Report

Sr. No.	Particulars	Actual Power Purchase
1	Power Purchase:	
i	Power Purchase Quantum from Long Term Sources	10404.87
ii	Short Term Power Purchase Quantum	1332.24

Sr. No.	Particulars	Actual Power Purchase
iii	Short term sale of Power Quantum	-1841.14
	Net Power Purchase	9895.96
2	Transmission Loss:	
i	Inter-State Transmission Loss	-386.83
ii	Intra-State Transmission Loss	-87.08
	Total Transmission Loss	-473.91
3	Net Power Available after Transmission Loss	9422.05

1.10 The RPO obligations as submitted by TPDDL for True-up of FY 2021-22 is as follows:

Table 6: RPO obligations for FY 2021-22

Particulars	RPO requirement for FY 2021-22				
	UoM	Solar	Non-Solar	HPO	Total
Total Billed Sales	MU				8752.21
Less- units from Hydro	MU				812.49
Balance Billed sales to be met through RPO Obligation	MU				7939.72
RPO obligation	%	8.75%	10.25%	0.18%	19.18%
Total RPO to be met	MU	694.73	813.82	14.29	1522.84
Long term Tied up Quantum	MU	438.37	392.26	-	830.63
Short term Tied up Quantum	MU	59.66	726.36	14.19	800.21
Adjusted for RPO compliance for FY 2020-21	MU		-71.38		-71.38
Shortfall MU (-) / Surplus (+)	MU	-196.69	233.42	-0.10	36.62
REC Purchased	MU	70.00			70.00
Balance RPO compliance at the end of March 2022	MU	-126.69	233.42	-0.10	106.73
Shortfall of Solar adjusted in Q1 FY 2022-23 as per Regulation 4(3) of RPO Regulations, 2021	MU	22.48	-	-	22.48
Balance RPO compliance	MU	-104.21	233.42	-0.10	129.11
Adjustment done from Excess Non-Solar Procured to meet Solar compliance (15% of adjustment allowed as per Regulation 4(3) of RPO Regulations, 2021)	MU	104.21	-104.31	0.10	-
Final Shortfall (-)/ Surplus (+) for FY 2021-22	MU	-	129.11	-	129.11

- 1.11 The actual Power Purchase Cost as submitted by TPDDL for True-up of FY 2021-22 is as follows:

Table 7: Power Purchase Cost for FY 2021-22

Particulars	Particulars		
	MU	(Rs. Cr.)	Rs./kWh
Power Purchase from CSGS	8576.77	3978.63	4.64
Short Term Power Purchase	1332.24	559.23	4.20
Power Purchase – Delhi Gencos	1032.69	900.56	8.72
Renewable Power	795.41	318.14	4.00
Cost of REC Certificate – towards RPO		17.97	
Gross Power Purchase Cost	11737.11	5774.52	4.92
Add: Transmission Charges			
PGCIL charges	-386.83	639.00	
DTL charges	-87.08	238.83	
Other transmission charges		125.09	
Surplus Power sold / Banked / UI sales	-1841.14	-740.43	4.02
Power Purchase Cost (Audited)	9422.05	6037.01	6.41
Net Normative Rebate on power purchase		-96.89	
Add: Incentive on Sale of Surplus Power		75.48	
Add- Normative additional units of power Banking @ 2.91/unit		1.58	
Net Power Purchase Cost	9422.05	6017.19	6.39

- 1.12 The O&M Expenses as submitted by TPDDL for FY 2021-22 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 2021-22

Particulars	Unit	FY 2021-22	Capacity	Capacity as on 31.03.2021	Capacity as on 31.03.2022	Average Capacity	Amount (Rs.Cr.)
66 kV Line	Rs. Lakh/ckt. km	3.197	Ckt.km	577.64	616.41	597.03	19.09
33 kV Line		3.197	Ckt.km	596.36	604.53	600.45	19.20
11 kV Line		0.971	Ckt.km	7097.11	7274.81	7185.96	69.78
LT Line System		7.62	Ckt.km	7490.20	7619.60	7554.90	575.68
66/11 kV Grid S/s	Rs. Lakh/MVA	0.991	MVA	3094.00	3213.50	3153.75	31.25
33/11 kV Grid S/s		0.991	MVA	1833.00	1873.00	1853.00	18.36
11/04.15 kV DT		1.546	MVA	6261.91	6368.99	6315.45	97.64
Total							831.00

Table 9: Summary of Additional O&M Expenses on account of Statutory levies & Taxes for FY 2021-22

Sr. No.	Particulars	Amount (Rs. Cr.)
<u>Change in Law</u>		
1	Land Licensee fees towards Grid	2.83
2	Incremental impact of GST	30.30
3	Incremental impact of Minimum wages	9.78
<u>Actual as per Regulation</u>		
4	7 th Pay Commission Impact- FRSR Employees	140.81
<u>As per APTEL order 246/2014 dated 30/09/2019</u>		
5	Allowance of Financing Charges	0.54
<u>Other Expenses not forming part of Base year expenses at the time of Normative O&M expenses determination</u>		
6	Professional Expenses	3.32
7	Legal Expenses	19.22
8	CETP Charges	0.37
	Sub Total	207.18

1.13 The Non-Tariff Income submitted by TPDDL for True-up of FY 2021-22 is as follow:

Table 10: Non-Tariff Income for FY 2021-22

Sr. No.	Particular	Amount (Rs. Cr.)
1	Other Operating Revenue	109.63
2	Other Income	161.58
	Total –(I)	271.21
	Less: Income included in above, not passed as Non-Tariff Income as per DERC Tariff Regulations, 2017	
3	Transfer from capital grants	0.70
4	Transfer from consumer Contribution for Capital work	50.51
5	Incentive towards Street Light	1.16
6	Interest Income /Short term capital gain	7.00
7	Financing Cost of LPSC	6.78
8	Income from other Business	65.86
	Total –(II)	132.00
	Add: Income included above, but not required to be passed as Non-Tariff Income	
9	Differential amount of Service Line Charges – III	-3.76
A	Non-Tariff Income (Sub- Total) (I-II+III)	135.44
B	Income from other Business	10.33
C	Interest on Security Deposit	-11.05
D	Income from Open Access	23.46
	Total	158.19

1.14 The Gross Fixed Assets submitted by TPDDL for FY 2021-22 is tabulated as follows:

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	Average Balance of Gross Fixed Assets	6628.65

1.15 The Depreciation on Average Assets (Net of Consumer Contribution/Grants) for FY 2021-22 as submitted by TPDDL is tabulated as follows:

Table 12: Depreciation on Net Fixed Assets

Sr. No.	Particulars	Amount (Rs. Cr.)
1	Average of Fixed Assets (net of Consumer Contribution)	5690.38
2	Rate of Depreciation	4.96%
3	Depreciation	282.06

1.16 The Computation of Regulated Rate Base (RRBi) submitted by TPDDL for True-up of FY 2021-22 is tabulated as follows:

Table 13: Computation of Regulated Rate Base

Sr. No.	Particulars	Amount (Rs. Cr.)
1	Opening GFA	6456.30
2	Opening Accumulated Depreciation	2280.27
3	Opening Consumer Contribution	912.03
4	Opening Working Capital	778.97
5	Opening RRB	4042.97
6	Investment during the year	104.90
7	Net Capitalisation	344.70
8	Depreciation	232.72
9	Consumer Contribution	52.47
10	Change in Working Capital	75.14
11	Regulated Rate Base - Closing	4177.62
12	RRB(i)	4147.87

- 1.17 The Computation of Working Capital for FY 2021-22 submitted by TPDDL is tabulated as follows:

Table14: Computation of Working Capital for FY 2021-22

Sr. No.	Particulars	Amount (Rs. Cr.)
1	Annual Revenue	8133.26
2	Receivables equivalent to 2 months average billing	1355.54
3	Power Purchase expenses	6017.19
4	1/12th of Power Purchase Expenses	501.43
5	Total Working Capital	854.11

- 1.18 TPDDL has submitted the computation of Weighted Average Cost of Capital (WACC) and Return on Capital Employed (RoCE) for FY 2021-22 as follows:

Table 15: WACC and RoCE for FY 2021-22

Sr. No.	Particulars	Amount (Rs. Cr.)
1	RRB (i)	4147.87
2	Average Equity deployed in the business	1647.75
3	Average Debt-Capex Loan	1646.01
4	Average Debt - Working Capital	854.11
5	Rate of Return on Equity (re) - %	16.00%
6	Normal Income Tax Rate - %	17.68%
7	Grossed up Return on Equity - %	19.44%
8	Rate of Interest on Debt (rd) - %	6.67%
9	WACC - %	11.74%
10	RoCE	487.05
11	Additional tax liability due to Deferred tax	14.89

- 1.19 The Aggregate Revenue Requirement (ARR) for FY 2021-22 as submitted by TPDDL is as follows:

Table 16: Summary of Aggregate Revenue Requirement (ARR) for FY 2021-22

Sr. No.	Particulars	Amount (Rs. Cr.)
1	Power Purchase cost	6017.19
2	Normative O&M Expenses	831.00
3	Other O&M Expenses	207.18
4	Depreciation	282.06
5	Loss on Retirement of Assets	18.18
6	RoCE (Income Tax)	501.94
7	Carrying Cost	433.91
8	Less- Non-Tariff Income	-135.44
9	Less- Interest on Consumer Security Deposit	11.05
10	Less- Income from Non-Energy Business	-10.33
11	Less- Income from Open Access	-23.46
12	Aggregate Revenue Requirement (ARR)	8133.26

1.20 The Revenue Surplus/ (Gap) for the FY 2021-22 as submitted by TPDDL is as follows:

Table17: Revenue surplus/ (Gap) for FY 2021-22

Sr. No.	Particulars	Amount (Rs.Cr.)
1	Revenue Available towards ARR net of Incentives	6858.58
2	Aggregate Revenue Requirement (net of carrying cost)	7699.35
3	Revenue Surplus/(Gap)	(840.77)

1.21 TPDDL has submitted the computation of Carrying Cost and Closing Revenue Gap for FY 2021-22 as follows:

Table 18: Computation of closing Revenue Gap for FY 2021-22

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	Closing Provisional true-up Revenue Gap upto FY 2020-21	(2350.17)
4	Impact of Various Judgements	(1882.09)
5	Revised Opening Revenue Gap	(4232.26)
6	Add: Revenue Gap sought for the year	(840.77)
7	Add: Rithala Impact	(23.21)
8	Total addition during the year	(863.98)
9	Average Revenue Gap	(4664.25)
10	Carrying Cost Rate	9.30%
11	Add: Carrying Cost	(433.91)
12	Less- Realization from 8% Deficit recovery surcharge	508.85
13	Closing Revenue Gap	(5021.29)

C. ARR FOR FY2023-24

1.22 TPDDL has submitted its Projected Sales and Estimated Billed Revenue for FY 2023-24 as follows:

Table 19: Estimated Sales and Billed Revenue for FY 2023-24

Category	Sales (MU)	Fixed Charges (Rs. Cr.)	Energy Charges (Rs. Cr.)	TOD Tariff (Rs. Cr.)	Total Revenue (Rs. Cr.)	ABR Rs./kWh	7%PT
Domestic	5155.10	226.92	2115.07	0.00	2341.99	4.54	163.94
Non –Domestic	2076.57	522.90	1776.11	9.61	2308.62	11.12	161.60
Industrial	2146.65	260.87	1704.50	11.36	1976.73	9.21	138.37
Agriculture	16.89	4.76	2.53	0.00	7.29	4.32	0.51
Mushroom Cultivation	1.45	0.11	0.51	0.00	0.62	4.27	0.04
Public Utilities	598.63	68.50	404.28	0.14	472.92	7.90	33.10
Adv. & Hoardings	0.32	0.11	0.27	0.00	0.39	12.07	0.03
E Vehicle	82.96	0.01	37.33	0.16	37.50	4.52	2.63
Others* including	91.61	6.85	66.03	0.00	72.89	6.23	5.08

Category	Sales (MU)	Fixed Charges (Rs. Cr.)	Energy Charges (Rs. Cr.)	TOD Tariff (Rs. Cr.)	Total Revenue (Rs. Cr.)	ABR Rs./kWh	7%PT
Temporary Supply							
Own Consumption	25.43						
Total	10195.61	1091.04	6106.63	21.27	7218.95	7.08	505.30
8% Deficit Revenue Surcharge					577.49		

* Other includes Staff, Theft & Misuse.

1.21 TPDDL has submitted its Estimated Energy Requirements for FY 2023-24 as follows:

Table 20: Estimated Energy Requirements for FY 2023-24

Sr. No	Particulars	UoM	Value
1	Expected Sales	MU	10196
2	Distribution Loss	%	6.91%
3	Energy Input (at TPDDL periphery)	MU	10952
4	Distribution Loss	MU	757

1.22 TPDDL has considered the Collection efficiency at 99.80% for FY2023-24 is as follows:

Table 21: Collection Efficiency for FY 2023-24

Sr. No	Particulars	Value
1	Estimated Billing at Current Tariffs-without DRS,E Tax & Pension Trust	7128.95
2	Collection Efficiency	99.80%
3	Estimated Collection	7204.51

1.23 TPDDL has submitted the estimated Energy Balance and Power Purchase Cost for FY 2023-24 is as follows:

Table 22: Energy Balance Summary and Power Purchase Cost for FY 2023-24

Sr.No.	Particulars	Energy MU	Amount (Rs. Cr.)	Rate (Rs./kWh)
1	Power from CSGS	10444	5117	4.90
2	Power from SGS	1215	1336	11.00
3	Short Term Power Purchase	305	271	8.90
4	RPO obligation to be met through purchase from Renewable Sources (including medium term 200 MW)	1811	840	4.64
5	RPO obligation to be met through purchase of REC & HEC		56	
6	Arrears/Compensation		115	
7	TOTAL Purchase	13775	7736	5.62
8	Transmission losses (Intra state & Interstate)	(481)		
9	Transmission charges		1094	

Sr.No.	Particulars	Energy MU	Amount (Rs. Cr.)	Rate (Rs./kWh)
10	Total Purchase with Transmission Charges	13294	8830	6.64
11	Less: Short Term Surplus Power Sale	(2342)	(1171)	5.00
12	Less: Normative Rebate		(117)	
13	Net Power Purchase Cost	10952	7543	6.89

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

Table 23: Projected O&M Expenses for FY 2023-24

Sr.No.	Particulars	Amount Rs. Cr
A	Normative O&M Expenses	643.08
B	FRSR Employee Cost (Net of capitalization)	252.41
C	Statutory Levies	
1	DERC License Fee	4.57
2	Land License Fee	15.48
3	Property Tax	2.07
4	Rates & Taxes	0.14
5	CETP Charges	0.40
6	Other Regulatory Charges	0.84
D	Legal Expenses	22.28
E	Replacement cost against FRSR Retirees	
	Total amount sought towards O&M Expenses	

- 1.25 TPDDL has submitted projected approved capitalization for FY 2023-24 as follows:

Table 24: Capitalization considering Deposit work for FY 2023-24

Particulars	Amount (Rs. Cr.)
Capitalization without deposit work	216
Smart Meter	59
Employee Cost capitalization	69
Deposit Work	105
Total	449

- 1.26 TPDDL has submitted the Depreciation for FY 2023-24 as follows:

Table 25: Depreciation for FY 2023-24 (Rs. Crore)

Sr. No.	Particulars	Amount
A	Opening GFA	7193.71
B	Net additions during the year	448.70
C	Closing GFA	7462.41
D	Average GFA	7418.06
E	Less: Average Consumer Contribution	1077.78
F	Average GFA net of CC	6340.28

Sr. No.	Particulars	Amount
G	Average rate of depreciation	4.96%
H	Depreciation for the year	314.27
I	Opening accumulated Depreciation	2801.04
J	Closing accumulated Depreciation	3115.31
K	Average Depreciation	2958.18

- 1.27 TPDDL has submitted the computation of Change in Working Capital for FY 2023-24 as follows:

Table 26: Computation of Change in Working Capital

Sr. No.	Particulars	Amount (Rs Cr.)
1	Annual Revenue Requirement	9913.26
2	Receivables equivalent to 2 months ARR	1652.21
3	Power Purchase Expenses	7542.64
4	Add: 1/12th of Power Purchase Expenses	628.55
5	Total Working Capital	1023.66
6	Opening Working Capital	990.79
7	Change in Working Capital	32.87

- 1.28 The Regulated Rate Base (RRB) for FY 2023-24 as submitted by TPDDL is as follows:

Table 27: Regulated Rate Base for FY 2023-24 (Rs. Crore)

Sr. No.	Particulars	Amount
A	Opening balance of OCFA	7193.71
B	Opening Balance of Accumulated Depreciation	2801.04
C	Opening balance of Accumulated Consumer Contribution	1025.28
D	Opening balance of Working Capital	990.79
E	RRB- Opening	4358.18
F	Capitalization during the year	448.70
G	Depreciation for the year (Including AAD)	314.27
H	Consumer Contribution, Grants	105.00
I	Change in Working Capital	32.87
J	ΔAB (Change in Regulated Base)	47.58
K	Regulated Rate Base-Closing	4420.47
L	RRB(i)	4405.76

- 1.29 TPDDL has submitted the computation of Return on Capital Employed (RoCE) for FY 2023-24 as follows:

Table 28: Computation of Return on Capital Employed (RoCE) for FY 2023-24

Sr. No.	Particulars	Amount (Rs. Cr.)
1	RRB (i)	4405.76
2	WACC (%)	11.94%
3	Return on Capital Employed (RoCE)	525.87

1.30 The Non-Tariff Income estimated by TPDDL for FY 2023-24 is as follows:

Table 29: Non-Tariff Income

Sr.No.	Particulars	Amount (Rs. Cr.)
1	Non-Tariff Income/ Interest on Security Deposit	94.01
2	Additional Open Access Charges	
3	Total	

1.31 The summary of ARR requirement for FY 2023-24 as submitted by TPDDL is as below:

Table 30: Summary of Aggregate Revenue Requirement

Sr. No.	Particulars	Amount (Rs.Cr.)
1	Cost of Power Purchase	7542.64
2	O&M Expenses	953.16
3	Depreciation	314.27
4	Return on Capital Employed	525.87
5	Carrying Cost	671.33
6	Less: Non-Tariff Income/ Interest on consumer security Deposit	(94.01)
7	Annual Revenue Requirement (ARR)	9913.26

1.32 Revenue (Gap) for FY 2023-24 as submitted by TPDDL is as follows:

Table 31: Revenue (Gap) for FY 2023-24

Sr. No.	Particulars	Amount (Rs.Cr.)
1	Aggregate Revenue Requirement for the year without carrying cost	9241.92
2	Revenue available for the year without DRS	7204.51
3	Revenue (Gap)/Surplus for the year	(2037.41)

1.33 Closing Revenue Gap for FY 2023-24 as submitted by TPPDL is as follows:

Table 32: 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	Closing Provisional trues up Revenue Gap up to FY 2020-21	(2350.17)
4	Impact of various favorable Judgements	(1882.09)
5	Revised Opening Revenue Gap up to FY 2020-21	(4232.26)
6	Add: Revenue Gap sought for FY 2020-21 (including carrying cost & DRRS)	(789.04)
7	Opening Revenue Gap	(5021.29)

Sr. No.	Particulars	Amount (Rs. Cr.)
8	Add: Projected Revenue Gap for FY 2022-23	(530.98)
9	Impact of Review Petition 57 of 2021	(56.22)
10	Closing Revenue Gap for FY 2022-23	(5608.49)
11	Revenue (Gap)/Surplus for the year	(2037.41)
12	Closing Revenue (Gap)	(7645.90)
13	Carrying Cost Rate	10.13%
14	Carrying Cost	(671.33)
15	Deficit Revenue Recovery Surcharge	576.33
16	Closing Revenue Gap (including carrying cost)	(7740.90)

PROPOSALS ON TARIFF RATIONALIZATION

- 1.34 TPDDL has requested to implement the following proposals on Tariff Structure for FY 2023-24:
- Time Bound recovery of Regulatory Assets/Revenue Gap.
 - Time Bound True-up of Capital Assets irrespective of Physical Verification
 - Review of Time of Day (ToD) Tariff.
 - Allowance of Loss due to disposal of Property, Plant & Equipment
 - Linkage of Tariff Revision to CPI
 - Rationalization of Tariff by matching recovery of fixed cost of DISCOMs from fixed part of Retail Supply Tariff.
 - Progressive Tariff rationalization in Domestic Consumer Segment as per Electricity Act & National Tariff Policy and Non-Telescopic Tariff for high consuming Domestic Consumers.
 - Allow the levy of 8% Deficit Recovery Surcharge (DRS) on Power Purchase Adjustment Cost (PPAC)
 - Green Power Tariff for consumers with less than 1 MW sanctioned load and Non-Open Access consumers.
 - Additional Incentive Mechanism for Distribution Licensees.
 - Mechanism for recovery of Power Purchase Cost Adjustment Charges
 - Target for Renewable Purchase Obligation
 - Tariff Based Competitive Bidding (TBCB) in the Intra-State Transmission Network
 - Rationalization of useful life of Distribution assets in line with recommendation of Forum of Regulators (FoR)
 - Subsidy Mechanism
 - Laying Down of Principles for Segregation of Wheeling and Supply Costs of Distribution Utilities
 - Tariff Rationalization for charging of Electrical Vehicles on the basis of usage
 - For Domestic Category fixed charges should be levied on billing demand and surcharge on excess load.
 - Pension Trust Liability allocated to wider sales estimated in FY 23-24 as compared to the sales estimates for FY 21-22.

- t) Mechanism for Tariff Balancing Reserve
- u) Impact of New Wage Code 2022
- v) Levy of Surcharge on all residential connections under temporary supply
- w) Revised methodology for LPSC
- x) Charging of leading power factor while billing (kVAh billing) to high End Consumers
- y) Surcharge on Excess drawal
- z) Restoration of "*part there of*" w.r.t. calculation of Maximum Demand for Fixed Charges of Consumers
- aa) CERC defined APPC for compensation /payment for excess generation for prosumers
- bb) Mandatory e-bill for load above 5 kW and for Zero Amount Payable bills
- cc) Concessions and benefits only to honest Consumers
- dd) Levy of penalty on Harmonics and installation of PQ meters by HT/EHT consumers
- ee) Behavioral Demand Response (BDR) Program
- ff) Peer to Peer Trading