

1.1 Filing under Present Petition

1. The Hon'ble Commission had issued MERC (Multi-Year Tariff Regulations), 2019 dated 1st August, 2019 (herein after referred to as "MYT Regulations, 2019") for the fourth MYT Control Period from FY 2020-21 to FY 2024-25.
2. As per the Regulation 5.1 (b) of the MYT Regulations 2019, the present petition has been filled by Tata Power-D for (i) Truing-up for FY 2019-20 under the Maharashtra Electricity Regulatory Commission (Multi Year Tariff) Regulations, 2015 (ii) Truing-up for FY 2020-21 and FY 2021-22 under the MERC (Multi Year Tariff) Regulations, 2019; (iii) Provisional Truing-up for FY 2022-23 under the MYT Regulations, 2019; (iv) Projections for the Aggregate Revenue Requirement for FY 2023-24 and FY 2024-25 as per MERC (MYT) Regulations, 2019 and (v) Proposed Category-wise Tariffs for FY 2023-24 and FY 2024-25.
3. In the present petition, the detailed submission of the actual performance of FY 2019- 20, FY 2020-21 & FY 2021-22 in comparison with the approved parameters by the Hon'ble Commission in MYT order in Case No. 326 of 2019, dated 30th March, 2020 has been presented in **Section 2, Section 3 and Section 4** respectively. Further, the detailed submission of Performance Review for FY 2022-23 in comparison with the approved parameters by the Hon'ble Commission in Case No. 326 of 2019 dated 30th March 2020 has been presented in **Section 5**. The projections of ARR for the period from FY 2023-24 and FY 2024-25 are presented in **Section 6**. The detailed submission regarding recovery of past period and Tariff philosophy and proposal are presented in **Section 7**. The proposal for Schedule of Charges is presented in **Section 8**. The compliance to various directives of the Hon'ble Commission given in the Order dated 30th March, 2020 in Case No. 326 of 2019 has been covered in **Section 9**. The proposed tariff schedule for FY 2023-24 and FY 2024-25 is presented in **Section 10**. The prayers to the Hon'ble Commission are listed in **Section 11**.

4. Summary of submission has been presented below:

- Truing up of FY 2019-20

5. This section discusses and presents the actual performance of FY 2019-20 for the Distribution Wires and Retail Supply Business of Tata Power-D taking into consideration the MERC (MYT) Regulations, 2015, MYT Tariff Order for Tata Power-D dated 30th March 2020 in Case of 326 of 2019 and principles laid down in various judgments.

1.1.1 Number of Consumers

6. The details of the consumers of Tata Power-D for FY 2019-20 are tabulated below. The consumer base of FY 2018-19 has also been shown for reference.

Table 1-1: Number of Consumers (billed) as on 31st March, 2020

Year	Direct Consumers		Changover Consumers		No.
	LT Consumers	HT Consumers	LT Consumers	HT Consumers	Total
FY2018-19	137847	335	562801	7	700990
FY2019-20	152547	337	567107	7	719998

7. As can be seen from the above Table, there was an overall increase of **2.71%** in the total number of consumers of Tata Power-D (Direct plus Change-over) in FY 2019-20 over the previous year.

1.1.2 Category-wise Sales

8. The actual category-wise sales for FY 2019-20 and a comparison with the approved energy sales for FY 2019-20 as per the MYT Order is provided in the Table below:

Table 1-2: Category wise Sales for FY 2019-20

Consumer Categories	Approved in the MYT T.O.			Actual For FY 2019-20		
	Direct	Change over	Total	Direct	Change over	Total
HT Category	-					
HT I – Industry	994.39	0.16	994.55	947.62	0.18	947.80
HT II – Commercial	479.51	3.54	483.05	497.14	1.42	498.55
HT III - Group Housing Society	5.42	-	5.42	11.99		11.99
HT IV - PWW & Sewage Treatment Plants	72.71	-	72.71	74.70		74.70
HT IV - Temporary Supply	39.58		39.58	42.30		42.30
HT V(A) - Railways			-			-
22/33 KV	67.62		67.62	70.63		70.63
100 KV			-			-
HT V(B) - Railways Metro & Monorail	0.85		0.85	-		-
HT VI - Public Services			-			-
HT VI(A) - Publ Serv Govt Hosp&Edu Inst	12.78		12.78	15.48		15.48
HT VI(B) - Public Services Others	133.91		133.91	116.67		116.67
			-			-
Sub-total	1,806.77	3.69	1,810.46	1,776.53	1.59	1,778.12
			-			-
LT Category			-			-
LT I - Residential (BPL)			-			-
LT I - Residential	406.71	1,442.77	1,849.48	401.97	1,524.12	1,926.09
0-100	108.86	616.93	725.79	108.86	609.19	718.05
101-300	118.71	587.76	706.47	120.02	644.62	764.63
301-500	47.22	139.84	187.06	46.77	163.13	209.90
501 and above	131.92	98.24	230.16	126.33	107.17	233.51
LT II - Commercial	463.39	164.95	628.34	448.63	143.59	592.22
LT II(A) - Commercial upto 20 kW	88.47	104.04	192.51	83.81	93.46	177.27
LT II(B) - Commercial 20 to 50 kW	76.29	25.12	101.41	70.28	23.67	93.95
LT II(C) - Commercial > 50 kW	298.63	35.79	334.42	294.54	26.47	321.01
LT III - Industrial upto 20 kW	21.83	15.26	37.09	21.79	16.81	38.59
LT IV - Industrial > 20 kW	185.56	6.92	192.48	182.71	12.06	194.77
LT V - Advertisement & Hoardings	0.07	0.02	0.09	0.08	0.02	0.10
LT VI - Streetlights	0.43	-	0.43	0.60	-	0.60
LT VII – Temporary Supply	24.19	0.02	24.21	27.04	0.03	27.07
LT VII(A) - Temporary Religious	24.18	-	24.18	0.02	-	0.02
LT VII(B) - Temporary Others	0.01	0.02	0.03	27.02	0.03	27.05
LT VIII - Crematoriums & Burial Grounds	-	0.38	0.38	-	0.29	0.29
LT IX - Public Services	21.61	4.04	25.65	20.90	4.35	25.25
LT IX(A) - Publ Serv Govt Hosp&Edu Inst	20.68	-	20.68	2.16	2.39	4.55
LT IX(B) - Public Services Others	0.93	4.04	4.97	18.74	1.96	20.70
LT IV - PWW & Sewage Treatment Plants	0.26	-	0.26	1.07	-	
Electric Vehicle	0.10	-		0.09		
Sub-total	1,124.15	1,634.36	2,758.41	1,104.89	1,701.27	2,804.99
			-			-
15 day				0.50	-	
Total	2,930.92	1,638.05	4,568.97	2,881.92	1,702.86	4,584.78

9. The total Sales for FY 2019-20 is **4584.78 MUs** which is same as provisionally approved in the MYT Order.

1.2 Power Purchase Quantum and Cost for FY 2019-20

10. In this section, Tata Power-D has presented the actual power purchase for FY 2019-20 based on the actual energy input requirement as shown above. The energy requirement of Tata Power-D has been met through the following sources:

- (i) Power Purchase from Tata Power-G
- (ii) Power Purchase from Renewable Sources
- (iii) Power Purchase from short term bilateral sources

11. The summary of the approved and actual Power Purchase Cost for Tata Power-D for FY 2019-20 is given in the Table below:

Table 1-3: Power Purchase Cost for FY 2019-20

Power Purchase for FY 2019-20 Source	Approved in the MYT Order			Tata Power-D Actual		
	Mus	Rs/kWh	Rs Cr	Mus	Rs/kWh	Rs Cr
Power Purchase from Tata Power-G	3662.40	4.20	1643.39	3619.75	4.40	1593.90
RE Purchase	356.05	5.61	199.73	374.33	5.51	206.13
REC procurement	0.00	0.00	41.05	0.00	0.00	42.49
Bilateral & UI Purchase	744.16	3.13	264.80	752.95	3.58	269.38
Standby Ch.for energy drawn	5.53	4.08	2.26	8.75	4.71	4.12
Fixed Standby Charges		-	98.82			98.82
OLA Sale	-21.68	0.00	-9.49	-23.39	4.41	-10.32
MSLDC Charges	-	-	1.09	0.00	0.00	1.08
Transmission Charges	-	-	216.12	0.00	0.00	214.00
Total Power Purchase cost	4746.46	5.18	2457.78	4732.38	5.11	2419.60

12. The total Power Purchase Cost for FY 2019-20 for Tata Power-D was **Rs. 2419.60 Crores** against the approved cost of **Rs. 2457.78 Crores** in the MYT Order. We request the Hon'ble Commission to approve the same.

1.3 Capital Expenditure and Capitalisation

13. The Hon'ble Commission, in its MYT Tariff Order in Case No. 326 of 2019 dated 30th March 2020 had approved the capitalisation of Rs. 125.30 Crores for Distribution Wires Business and Rs. 5.85 Crores for Retail Supply Business. Against this, the actual capitalisation for FY 2019-20 is Rs. 149.61 Crores for Distribution Wires Business and Rs. 10.92 Crores for Retail Supply Business. The actual capitalisation and capital expenditure for FY 2019-20 for Tata Power-D is presented in the Table below:

Table 1-4: Capitalisation for FY 2019-20

Rs Crores

Particulars	Distribution Wires Business		Retail Supply	
	Capital Expenditure	Capitalisation	Capital Expenditure	Capitalisation
Approved in the MYT Tariff Order		125.30		5.85
Non-DPR Schemes	9.91	20.17	1.86	1.82
DPR Cases	112.59	129.34	9.11	9.10
<i>NDPR/DPR Ratio</i>		16%		20%
Total	122.49	149.51	10.97	10.92

14. As can be seen from the above Table, the capitalisation of the DPR schemes for the entire Distribution Business is **Rs. 138.44 Crores** and for Non-DPR schemes is **Rs. 22.00 Crores**. The ratio of Non DPR to DPR is works out to **15.89%** which is lower than the limit of 20% of Non-DPR to DPR. In view of the above, we request the Hon'ble Commission to approve the actual capitalization of **Rs. 149.51 Crores** and **Rs. 10.92 Crores** for the Distribution Wires and Retail Supply Business respectively. The detailed scheme wise breakup of the actual capitalisation is given in the Form 4.2 of the MTR petition. We request the Hon'ble Commission to approve the same.

1.4 Aggregate Revenue Requirement for FY 2019-20

15. Based on the above submission, the ARR for the Distribution Wires and Supply Business of Tata Power-D works out as follows:

Table 1-5: ARR for Distribution Wires and Supply Business for FY 2019-20

Rs Crores

Particulars	MYT Tariff Order	Tata Power-D
Power Purchase Expenses including Standby Charges	2141.75	2105.71
Intra-State Transmission Charges	216.12	214.00
MSLDC Fees & Charges	1.09	1.08
Stand By charges	98.82	98.82
O&M Expenses	205.55	213.33
Depreciation	127.05	129.93
Interest on Loan Capital	80.15	81.04
Interest on Working Capital	20.26	14.23
Interest on CSD	19.28	21.74
Provision for bad and doubtful debts	0.00	1.34
Contribution to contingency reserves	6.72	6.72
Income Tax	144.18	161.64
DSM Expenses	0.68	0.98
Refinancing Benefit		1.09
Total Revenue Expenditure	3061.66	3051.65
Add: Return on Equity Capital	129.93	130.24
Aggregate Revenue Requirement	3191.58	3181.89
Less: Non-Tariff Income	7.80	6.63
Less: Income from OA consumers	125.11	156.25
Add: Revenue Gap/(Surplus) of previous years as approved in MTR	228.64	228.64
Aggregate Revenue Requirement	3287.31	3247.64

16. As seen from above Tables, the total Revenue Requirement for the year FY 2019-20 works out to **Rs. 3247.64 Crores.**

1.5 Revenue from Distribution Business of Tata Power-D for FY 2019-20

17. The Total revenue recovered by Tata Power-D during FY 2019-20 for Distribution Business is as presented below:

Table 1-6: Total Revenue for Distribution Wires and Retail Supply Business for FY 2019-20

Revenue	Approved in MYT Order	Total	Sale	ABR
	Rs. Crs	Rs. Crs	MU's	Rs./kWh
Revenue Supply Business	2728.19	2743.25	4584.78	5.98
Revenue Wheeling Charges	576.32	571.43	2881.92	1.98
Revenue Wheeling Ch. (OA)	30.29	45.40	647.54	0.70
Revenue RAC	280.71	338.51	2881.92	1.17
Revenue from OA	94.82	110.86	647.54	1.71
Total	3710.33	3809.45		

18. As can be seen from the above Table, Tata Power-D has recovered the Revenue of **Rs. 2743.25 Crores** for Retail Supply Business and **Rs. 571.43 Crores** from Wheeling business during FY 2019-20 which has been used for determining Gap/(Surplus) of ARR of FY 2019-20. Tata Power-D has recovered a revenue of **Rs. 110.86 Crores** towards Cross Subsidy Surcharge (CSS) and **Rs. 45.40 Crores** towards wheeling charges from open access consumers. While computing the Gap/ (Surplus) the same has been considered as reduction in the total ARR.

19. Tata Power-D has also recovered the revenue of **Rs. 338.51 Crores** from Regulatory Asset Charge (RAC) and the treatment for the same is shown in the section of cumulative past Gap / (Surplus).

1.6 Revenue Gap / (Surplus) for FY 2019-20

20. Based on the above submissions, the combined Revenue Gap / (Surplus) of Tata Power-D for FY 2019-20 for the Distribution Wires & Retail Supply Business is as shown in the Tables below:

Table 1-7: Gap / (Surplus) for Distribution Business for FY 2019-20

Particulars	Rs Crores	
	MYT Order	Tata Power-D
Net Aggregate Revenue Requirement	3287.31	3247.64
Revenue from Distribution Wires+Retail Supply	3262.39	3314.68
Revenue Gap/(Surplus)	24.92	-67.04

21. As can be seen from the above Table, the combined surplus for Distribution Business is **Rs 67.04 Crores** for FY 2019-20 as against the approved Gap of **Rs 24.92 Crores**.

22. We request the Hon'ble Commission to approve the surplus of **Rs. 67.04 Crores** for the Distribution Business for FY 2019-20 which we have considered for calculating Cumulative Revenue Gap.

- TRUING UP OF AGGREGATE REVENUE REQUIREMENT FOR FY 2020-21

23. This section discusses and presents the actual performance of FY 2020-21 for the Distribution Wires and Retail Supply Business of Tata Power-D taking into consideration the Maharashtra Electricity Regulatory Commission (Multi Year Tariff) Regulation, 2019 (“MYT Regulations, 2019”) Multi-Year (MYT) Tariff Order for Tata Power-D dated 30th March, 2020 in Case of 326 of 2019 and the principles laid down in various judgments.

1.6.1 Number of Consumers

24. As has been described earlier, Tata Power-D supplies power to consumers either (i) through its network (Direct Consumers) or (ii) through the network of other Distribution Licensee (Changeover Consumers). The details of the consumers of Tata Power-D for the period FY 2020-21 are tabulated below. The consumer base of FY 2019-20 has also been shown for reference.

Table 1-8: Number of Consumers (billed) as on 31st March, 2021

Year	Direct Consumers		Changover Consumers		No.
	LT Consumers	HT Consumers	LT Consumers	HT Consumers	Total
FY2019-20	152547	337	567107	7	719998
FY2020-21	162861	342	566122	3	729328

25. As can be seen from the above Table, there was an overall increase of 1.30% in the total number of consumers (Direct plus Change-over) in FY 2020-21 over the previous year.

1.6.2 Category-wise Sales

26. The actual category-wise sales for FY 2020-21 and a comparison with the approved energy sales for FY 2020-21 as per the MYT Order is provided in the Table below:

Table 1-9: Category wise Sales for FY 2020-21

Mus

Consumer Categories	Approved in the MYT T.O.			Actual For FY 2020-21		
	Direct	Change over	Total	Direct	Change over	Total
EHV - Industry	214.59	0.00	214.59	382.64		382.64
HT I – Industry	827.47	0.07	827.54	660.59	0.07	660.66
EHV- Commercial	106.22	0.00	106.22	86.37		86.37
HT II – Commercial	399.62	1.61	401.22	279.74	0.61	280.36
HT III - Group Housing Society	6.77	0.00	6.77	12.87		12.87
HT IV - Railways			0.00			0.00
-22/33 KV	68.54	0.00	68.54	47.11		47.11
- Railways Metro & Monorail	0.52	0.00	0.52	0.13		0.13
HT V - Public Services			0.00			0.00
HT V(A) - Publ Serv Govt Hosp&Edu Inst	13.19	0.00	13.19	20.96		20.96
HT V(B) - Public Services Others	210.87	0.00	210.87	135.74		135.74
EHV Public Services Others				57.07		57.07
HT VI: Electric Vehicle Charging Stations			0.00	0.29		0.29
Sub-total	1847.79	1.67	1849.46	1683.52	0.69	1684.20
			0.00			
LT Category			0.00			
LT I - Residential (BPL)	0.00		0.00	0.00		
LT I - Residential	466.79	1417.72	1884.51	430.02	1482.94	1912.97
0-100	124.95	606.44	731.39	113.89	599.17	713.06
101-300	136.24	577.40	713.64	130.86	619.28	750.14
301-500	54.20	137.37	191.57	56.45	161.98	218.43
501 and above	151.40	96.50	247.91	128.82	102.51	231.33
LT II - Commercial	524.00	162.08	686.09	292.32	79.65	371.97
LT II(A) - Commercial upto 20 kW	101.71	102.21	203.92	54.22	51.54	105.76
LT II(B) - Commercial 20 to 50 kW	87.54	24.68	112.21	43.83	12.43	56.26
LT II(C) - Commercial > 50 kW	334.75	35.20	369.95	194.27	15.68	209.94
LT III (A) - Industry < 20 kW	21.24	11.74	32.98	16.59	10.25	26.84
LT III (B) - Industry > 20kW	191.75	4.13	195.88	142.92	7.60	150.52
LT IV (a) - Publ Serv Govt Hosp&Edu Inst	23.37	0.00	23.37	4.35	0.55	4.90
LT IV(b) - Public Services Others	1.09	4.96	6.06	12.64	0.93	13.56
LT V - EV Charging Stations	0.10		0.10	0.20		0.20
Sub-total	1228.35	1600.64	2828.99	899.03	1581.93	2480.96
15 day				7.40	4.58	11.98
Total	3076.14	1602.31	4678.45	2589.95	1587.21	4177.15

27. The total Sales for FY 2020-21 is **4177.15 MUs** which is lower than the provisionally approved sales in the MYT Order.

1.7 Power Purchase Quantum and Cost for FY 2020-21

28. In this section, Tata Power-D has presented the actual power purchase for FY 2020-21 based on the actual energy input requirement as shown above. The energy requirement of Tata Power-D is met through the following sources:

- (i) Power Purchase from Tata Power-G
- (ii) Power Purchase from Renewable Sources
- (iii) Power Purchase from short term bilateral sources

1.7.1 Total Power Purchase Cost of Tata Power-D

29. The summary of the approved and actual Power Purchase Cost for Tata Power-D for FY 2020-21 is given in the Table below:

Table 1-10: Power Purchase Cost for FY 2020-21

Power Purchase for FY 2020-21 Source	Approved in the MYT Tariff Order			Tata Power-D Actual		
	Mus	Rs/kWh	Rs Cr	Mus	Rs/kWh	Rs Cr
Power Purchase from Tata Power-G	3799.84	4.36	1656.33	3116.25	4.05	1260.60
RE Purchase	373.85	5.55	207.32	363.03	5.28	191.79
REC procurement			39.14			10.90
Bilateral & UI Purchase	687.31	3.56	244.57	867.52	3.34	289.61
Standby Ch.for energy drawn	-		0.00	13.99	3.95	5.52
Fixed Standby Charges	-		99.98	-		99.98
OLA Sale	-		0.00	-8.71	4.86	-4.23
MSLDC Charges	-		1.29	-		1.29
Transmission Charges	-		258.03	-		258.00
Total Power Purchase cost	4861.01	5.16	2506.66	4352.08	4.86	2113.47

30. The total Power Purchase Cost for FY 2020-21 for Tata Power-D was **Rs. 2113.47 Crores** against the approved cost of **Rs. 2506.66 Crores** in the MYT Order. We request the Hon'ble Commission to approve the same.

1.8 Capital Expenditure and Capitalisation for FY 2020-21

31. The Hon'ble Commission, in its MYT Order in Case No. 326 of 2019 dated 30th March 2020 had approved a capitalisation of Rs. 149.49 Crores for Distribution Wires Business and Rs. 15.59 Crores for Retail Supply Business for FY 2020-21. Against this, the actual capitalisation for FY 2020-21 is **Rs. 155.02 Crores** for Distribution Wires Business and **Rs. 18.98 Crores** for Retail Supply Business. The actual capital expenditure and capitalisation for FY 2020-21 for Tata Power-D is presented in the Table below:

Table 1-11: Capitalisation for FY 2020-21*Rs Crores*

Particulars	Distribution Wires Business		Retail Supply	
	Capital Expenditure	Capitalisation	Capital Expenditure	Capitalisation
Approved in the MYT Tariff Order		149.49		15.59
Non-DPR Schemes	12.26	15.50	2.35	2.07
DPR Cases	132.26	139.52	17.72	16.91
<i>NDPR/DPR Ratio</i>		11%		12%
Total	144.51	155.02	20.07	18.98

1.9 Aggregate Revenue Requirement for FY 2020-21

32. Based on the above submission, the ARR for the **Distribution Wires and Supply Business** of Tata Power-D works out as follows:

Table 1-12: ARR for Distribution Wires and Supply Business for FY 2020-21*Rs Crores*

Particulars	MYT Tariff Order	Tata Power-D
Power Purchase Expenses including Standby Charges	2147.36	1754.20
Intra-State Transmission Charges	258.03	258.00
MSLDC Fees & Charges	101.27	101.27
O&M Expenses	226.73	223.43
Depreciation	133.89	142.25
Interest on Loan Capital	77.89	73.60
Interest on Working Capital	17.79	8.18
Interest on CSD	10.09	10.85
Provision for bad and doubtful debts	0.00	9.42
Contribution to contingency reserves	0.51	0.52
Others (DSM)	0.68	0.39
Total Revenue Expenditure	2974.23	2582.10
Add: Return on Equity Capital	149.77	166.65
Aggregate Revenue Requirement	3124.01	2748.75
Less: Non-Tariff Income	7.80	8.77
Less: Income from OA consumers	78.36	116.65
Add: Revenue Gap/(Surplus) of previous years	169.27	169.27
Aggregate Revenue Requirement	3207.11	2792.60

33. As seen from above Tables, the total Revenue Requirement for the year FY 2020-21 works out to **Rs. 2792.60 Crores** against Rs 3207.11 Crores approved by the Hon'ble Commission.

1.10 Revenue from Distribution Business of Tata Power-D for FY 2020-21

34. The Total revenue recovered by Tata Power-D during FY 2020-21 for Distribution Business is as presented below:

Table 1-13: Total Revenue for Distribution Wires and Retail Supply Business for FY 2020-21

Revenue	Approved in MYT Order	Total	Sale	ABR
	Rs. Crs	Rs. Crs	MU's	Rs./kWh
Revenue Supply Business	2564.90	2340.68	4177.15	5.60
Revenue Wheeling Charges	452.23	334.25	2589.95	1.29
Revenue Wheeling Ch. (OA)	24.33	21.74	331.43	0.66
Revenue RAC	0.00	1.74		
Revenue from OA	54.03	94.91	331.43	2.86
Total	3095.49	2793.32		

35. As can be seen from the above Table, Tata Power-D has recovered the Revenue of **Rs. 2340.68 Crores** for Retail Supply Business and **Rs. 334.25 Crores** from Wheeling business during FY 2020-21 which we have used for determining Gap/(Surplus) of ARR of FY 2020-21. Tata Power-D has also recovered the revenue of **Rs. 1.74 Crores** from Regulatory Asset Charge (RAC) and the treatment to the same is shown in the section of cumulative past gap. Tata Power-D has recovered a revenue of **Rs. 94.91 Crores** towards Cross Subsidy Surcharge (CSS) and **Rs. 21.74 Crores** towards wheeling charges from open access consumers. While computing the Gap/ (Surplus) the same has been considered as reduction in the total ARR.

1.11 Revenue Gap / (Surplus) for FY 2020-21

36. Based on the above submissions, the Revenue Gap / (Surplus) of Tata Power-D for FY 2020-21 for the Distribution Wires & Supply Business is as shown in the Table below:

Table 1-14: Gap / (Surplus) for Distribution Wires and Supply Business for FY 2020-21

Particulars	Rs Crores	
	MYT Tariff Order	Tata Power-D
Net Aggregate Revenue Requirement	3016.60	2792.60
Revenue from Distribution Wires+Retail Supply	3017.13	2674.93
Revenue Gap/(Surplus)		117.67

37. As can be seen from the above Table, total Revenue gap for Distribution Business works out as **Rs. 117.67 Crores**.

- TRUING UP OF AGGREGATE REVENUE REQUIREMENT FOR FY 2021-22

38. This section discusses and presents the actual performance of FY 2021-22 for the Distribution Wires and Retail Supply Business of Tata Power-D taking into consideration the Maharashtra Electricity Regulatory Commission (Multi Year Tariff) Regulation, 2019 (“MYT Regulations, 2019”) Multi-Year (MYT) Tariff Order for Tata Power-D dated 30th March, 2020 in Case of 326 of 2019 and the principles laid down in various judgments.

1.11.1 Number of Consumers

39. As has been described earlier, Tata Power-D supplies power to consumers either (i) through its network (Direct Consumers) or (ii) through the network of other Distribution Licensee (Changeover Consumers). The details of the consumers of Tata Power-D for the period FY 2021-22 are tabulated below. The consumer base of FY 2020-21 has also been shown for reference.

Table 1-15: Number of Consumers (billed) as on 31st March, 2022

Year	Direct Consumers		Changeover Consumers		No.
	LT Consumers	HT Consumers	LT Consumers	HT Consumers	Total
FY2020-21	162861	342	566122	3	729328
FY2021-22	178933	358	562806	1	742098

40. As can be seen from the above Table, there was an overall increase of 1.75% in the total number of consumers (Direct plus Change-over) in FY 2021-22 over the previous year.

1.11.2 Category-wise Sales

41. The actual category-wise sales for FY 2021-22 and a comparison with the approved energy sales for FY 2021-22 as per the MTR Order is provided in the Table below:

Table 1-16: Category wise Sales for FY 2021-22

Consumer Categories	Approved in the MYT T.O.			Actual For FY 2021-22		
	Direct	Change over	Total	Direct	Change over	Total
EHV - Industry	214.59	-	214.59	501.14	-	501.14
HT I – Industry	877.44	0.03	877.46	833.29	-	833.29
EHV- Commercial	106.22	-	106.22	93.74	-	93.74
HT II – Commercial	391.42	0.73	392.15	323.90	(0.08)	323.82
HT III - Group Housing Society	8.47	-	8.47	29.03	-	29.03
HT V(A) - Railways	69.79	-	69.79	68.87	-	68.87
22/33 KV	69.47	-	69.47	63.18	-	63.18
HT V(B) - Railways Metro & Monorail	0.32	-	0.32	5.70	-	5.70
HT VI - Public Services	228.87	-	228.87	228.84	-	228.84
HT VI(A) - Publ Serv Govt Hosp&Edu Inst	13.61	-	13.61	26.74	-	26.74
HT VI(B) - Public Services Others	161.94	-	161.94	144.01	-	144.01
EHV Public Services Others	53.32	-	53.32	58.10	-	58.10
HT VIII - Electric Vehicle Charging Stn.			-	11.91	-	11.91
Sub-total	1,896.80	0.76	1,897.56	2,090.74	(0.08)	2,090.66
			-			
LT Category			-			
LT I - Residential (BPL)			-			
LT I - Residential	535.73	1,417.73	1,953.46	483.41	1,446.34	1,929.75
0-100	143.40	606.46	749.85	128.15	581.42	709.57
101-300	156.36	577.40	733.76	143.93	602.43	746.36
301-500	62.20	137.37	199.57	60.35	161.16	221.50
501 and above	173.76	96.50	270.27	150.98	101.34	252.32
LT II - Commercial	564.50	162.08	726.58	371.51	92.73	464.24
LT II(A) - Commercial upto 20 kW	116.94	102.21	219.14	73.69	63.76	137.45
LT II(B) - Commercial 20 to 50 kW	124.71	24.68	149.38	56.90	12.53	69.43
LT II(C) - Commercial > 50 kW	322.85	35.20	358.05	240.92	16.44	257.36
LT III - Industrial upto 20 kW	20.66	9.20	29.86	20.41	14.01	34.42
LT IV - Industrial > 20 kW	198.15	2.51	200.66	177.95	8.25	186.20
LT IX(A) - Publ Serv Govt Hosp&Edu Inst	26.42	-	26.42	6.05	1.33	7.39
LT IX(B) - Public Services Others	0.80	6.20	7.01	16.60	0.54	17.14
LT XI: Electric Vehicle Charging Stations	0.10		0.10	0.44		0.44
Sub-total	1,346.35	1,597.73	2,944.08	1,076.38	1,563.20	2,639.58
			-			
15 day				(5.16)	(1.54)	(6.70)
Total	3,243.15	1,598.49	4,841.64	3,161.95	1,561.58	4,723.53

42. The total Sales for FY 2021-22 is **4723.53 MUs** which is lower than the approved sales in the MYT Order.

1.12 Power Purchase Quantum and Cost for FY 2021-22

43. In this section, Tata Power-D has presented the actual power purchase for FY 2021-22 based on the actual energy input requirement as shown above. The energy requirement of Tata Power-D is met through the following sources:

- (iv) Power Purchase from Tata Power-G
- (v) Power Purchase from Renewable Sources
- (vi) Power Purchase from short term bilateral sources

1.12.1 Total Power Purchase Cost of Tata Power-D

44. The summary of the approved and actual Power Purchase Cost for Tata Power-D for FY 2021-22 is given in the Table below:

Table 1-17: Power Purchase Cost for FY 2021-22

Power Purchase for FY 2021-22 Source	Approved in the MYT Tariff Order			Tata Power-D Actual		
	Mus	Rs/kWh	Rs Cr	Mus	Rs/kWh	Rs Cr
Power Purchase from Tata Power-G	3843.70	4.45	1710.24	3474.24	5.51	1913.35
RE Purchase	373.85	5.85	218.78	669.70	4.03	269.95
REC procurement	0.00		0.00	0.00		1.08
Bilateral & UI Purchase	813.67	3.56	289.54	845.45	3.89	328.87
Standby Ch.for energy drawn	-		0.00	3.51	7.77	2.73
Fixed Standby Charges	-		99.72	-		99.72
OLA Sale	-		0.00	-40.04	5.89	-23.57
MSLDC Charges	-		1.20	-		1.19
Transmission Charges	-		258.79	-		258.84
Total Power Purchase cost	5031.22	5.12	2578.27	4952.87	5.76	2852.16

45. The total Power Purchase Cost for FY 2021-22 for Tata Power-D was **Rs. 2852.16 Crores** against the approved cost of **Rs. 2578.27 Crores** in the MYT Order. We request the Hon'ble Commission to approve the same.

1.13 Capital Expenditure and Capitalisation for FY 2021-22

46. The Hon'ble Commission, in its MYT Order in Case No. 326 of 2019 dated 30th March 2020 had approved a capitalisation of Rs. 139.98 Crores for Distribution Wires Business and Rs. 18.49 Crores for Retail Supply Business for FY 2021-22. Against this, the actual capitalisation for FY 2021-22 is **Rs. 144.00 Crores** for Distribution Wires Business and **Rs.**

31.38 Crores for Retail Supply Business. The actual capital expenditure and capitalisation for FY 2021-22 for Tata Power-D is presented in the Table below:

Table 1-18: Capitalisation for FY 2021-22

Rs Crores

Particulars	Distribution Wires Business		Retail Supply	
	Capital Expenditure	Capitalisation	Capital Expenditure	Capitalisation
Approved in the MYT Tariff Order		139.98		18.49
Non-DPR Schemes	12.56	11.79	1.27	1.86
DPR Cases	150.15	132.21	33.40	29.52
NDPR/DPR Ratio		8.92%		6.29%
Total	162.72	144.00	34.67	31.38

1.14 Aggregate Revenue Requirement for FY 2021-22

47. Based on the above submission, the ARR for the **Distribution Wires and Supply Business** of Tata Power-D works out as follows:

Table 1-19: ARR for Distribution Wires and Supply Business for FY 2020-21

Rs Crores

Particulars	MYT Tariff Order	Tata Power-D
Power Purchase Expenses including Standby Charges	2218.57	2489.68
Intra-State Transmission Charges	258.79	258.84
MSLDC Fees & Charges	100.92	103.64
O&M Expenses	235.20	228.17
Depreciation	141.35	151.22
Interest on Loan Capital	75.84	68.44
Interest on Working Capital	20.24	8.04
Interest on CSD	9.39	10.12
Provision for bad and doubtful debts	0.00	-2.34
Contribution to contingency reserves	0.55	0.55
Others (DSM)	0.68	0.52
Total Revenue Expenditure	3061.52	3316.89
Add: Return on Equity Capital	158.10	175.44
Aggregate Revenue Requirement	3219.62	3492.33
Less: Non-Tariff Income	7.80	13.33
Less: Income from OA consumers	82.22	34.15
Aggregate Revenue Requirement	3129.60	3444.84

48. As seen from above Tables, the total Revenue Requirement for the year FY 2021-22 works out to **Rs. 3444.84 Crores** against Rs 3129.60 Crores approved by the Hon'ble Commission.

1.15 Revenue from Distribution Business of Tata Power-D for FY 2021-22

49. The Total revenue recovered by Tata Power-D during FY 2021-22 for Distribution Business is as presented below:

Table 1-20: Total Revenue for Distribution Wires and Retail Supply Business for FY 2021-22

Revenue	Approved in MYT Order	Total	Sale	ABR
	Rs. Crs	Rs. Crs	MU's	Rs./kWh
Revenue Supply Business	2724.61	2671.02	4723.53	5.65
Revenue Wheeling Charges	425.43	359.00	3161.95	1.14
Revenue Wheeling Ch. (OA)	21.99	20.64	188.67	1.09
Revenue RAC	0.00	0.03		
Revenue from OA	60.23	13.51	195.83	0.69
Total	3232.26	3064.20		

50. As can be seen from the above Table, Tata Power-D has recovered the Revenue of **Rs. 2671.02 Crores** for Retail Supply Business and **Rs. 359.00 Crores** from Wheeling business during FY 2021-22 which we have used for determining Gap/(Surplus) of ARR of FY 2021-22. Tata Power-D has also recovered the revenue of **Rs. 0.03 Crores** from Regulatory Asset Charge (RAC) and the treatment to the same is shown in the section of cumulative past gap. Tata Power-D has recovered a revenue of **Rs. 13.51 Crores** towards Cross Subsidy Surcharge (CSS) and **Rs. 20.64 Crores** towards wheeling charges from open access consumers. While computing the Gap/ (Surplus) the same has been considered as reduction in the total ARR.

1.16 Revenue Gap / (Surplus) for FY 2021-22

51. Based on the above submissions, the Revenue Gap / (Surplus) of Tata Power-D for FY 2021-22 for the Distribution Wires & Supply Business is as shown in the Table below:

Table 1-21: Gap / (Surplus) for Distribution Wires and Supply Business for FY 2021-22

Rs Crores

Particulars	MYT Tariff Order	Tata Power-D
Net Aggregate Revenue Requirement	3148.59	3444.84
Revenue from Distribution Wires+Retail Supply	3149.81	3030.34
Revenue Gap/(Surplus)		414.50

52. As can be seen from the above Table, total Revenue gap for Distribution Business works out as **Rs. 414.82 Crores**.

- PROVISIONAL TRUING UP OF AGGREGATE REVENUE REQUIREMENT FOR FY 2022-23

53. This section discusses and presents the provisional truing up of FY 2022-23 with respect to the Distribution Wires and Retail Supply Business of Tata Power-D. It is submitted that calculations presented in this section have been computed considering the MYT Regulations, 2019, MYT Order dated 30th March, 2020 in Case No. 326 of 2019 and principles laid down in various Judgements.

54. For provisional Truing-up of FY 2022-23, the actual values of power purchase and sales have been considered till September, 2022. Further, the revised provisional values have been compared with the expenditure considered by the Hon'ble Commission in its MYT Order.

55. The estimated number of consumers for FY 2022-23 as against actual number of consumers in FY 2021-22 are shown in the Table below:

Table 1-22: Estimated Number of Consumers for FY 2021-22

Year	Direct Consumers		Changover Consumers		No.
	LT Consumers	HT Consumers	LT Consumers	HT Consumers	Total
FY2021-22	178933	358	562806	1	742098
FY2022-23	209701	363	558951	1	769016

56. Further, considering the actual sales from April, 2022 to September, 2022, Tata Power-D has estimated the sales for the balance period and arrived at the estimated total sales for FY 2022-23 as given in the Table below:

Table 1-23: Estimated Sale for FY 2022-23

Mus

Consumer Categories	Approved in the MYT T.O.			Estimated For FY 2022-23		
	Direct	Change over	Total	Direct	Change over	Total
EHV - Industry	214.59	0.00	214.59	550.00		550.00
HT I – Industry	929.79	0.01	929.80	946.61		946.61
EHV- Commercial	106.22	0.00	106.22	95.00		95.00
HT II – Commercial	389.36	0.33	389.69	387.76	0.23	387.99
HT III - Group Housing Society	10.58	0.00	10.58	39.75		39.75
HT V(A) - Railways	70.61	0.00	70.61	106.67		106.67
22/33 KV	70.42	0.00	70.42	90.35		90.35
HT V(B) - Railways Metro & Monorail	0.20	0.00	0.20	16.32		16.32
HT VI - Public Services	233.83	0.00	233.83	175.08		175.08
HT VI(A) - Publ Serv Govt Hosp&Edu Inst	14.04	0.00	14.04	25.00		25.00
HT VI(B) - Public Services Others	166.46	0.00	166.46	89.84		89.84
EHV Public Services Others	53.32	0.00	53.32	60.24		60.24
HT VIII - Electric Vehicle Charging Stn.	0.00	0.00	0.00	16.20		16.20
Sub-total	1954.99	0.34	1955.33	2317.06	0.23	2317.30
LT Category			0.00			0.00
LT I - Residential (BPL)			0.00			0.00
LT I - Residential	614.85	1417.74	2032.59	605.10	1435.16	2040.26
0-100	164.58	606.47	771.05	151.96	530.39	682.34
101-300	179.45	577.40	756.85	183.96	605.96	789.93
301-500	71.39	137.37	208.76	82.42	183.76	266.18
501 and above	199.43	96.50	295.93	186.76	115.05	301.81
LT II - Commercial	609.66	162.08	771.75	543.33	102.79	646.11
LT II(A) - Commercial upto 20 kW	134.44	102.21	236.65	124.73	72.96	197.69
LT II(B) - Commercial 20 to 50 kW	139.54	24.72	164.25	81.33	13.09	94.42
LT II(C) - Commercial > 50 kW	335.69	35.16	370.85	337.27	16.74	354.01
LT III - Industrial upto 20 kW	20.09	7.21	27.31	25.00	14.92	39.92
LT IV - Industrial > 20 kW	204.75	1.53	206.28	232.89	7.97	240.85
LT IX - Public Services	30.50	7.76	38.26	30.13	3.05	33.18
LT IX(A) - Publ Serv Govt Hosp&Edu Inst	29.87	0.00	29.87	5.68	1.46	7.14
LT IX(B) - Public Services Others	0.63	7.76	8.39	24.46	1.59	26.04
LT XI: Electric Vehicle Charging Stations	0.10	0.00	0.10	2.00	0.00	2.00
Sub-total	1479.96	1596.32	3076.28	1438.45	1563.88	3002.33
15 day				8.31	3.63	11.94
Total	3434.95	1596.66	5031.61	3763.83	1567.74	5331.57

57. As seen from the above Table, the estimated sales for FY 2022-23 is **5331.57 MUs** and the same has been considered for energy requirement of FY 2022-23.

1.17 Power Purchase Quantum and Cost for FY 2022-2023

58. Tata Power-D has presented below the provisional power purchase requirement for FY 2022-23 considering the provisional energy input requirement arrived at in the previous section. The energy requirement of Tata Power-D for FY 2022-23 is being met from the following sources:

- Power Purchase from Tata Power –G
- Purchase from Renewable Sources
- Short Term Bilateral Sources

1.17.1 Total Cost of Power Purchase for FY 2022-23

59. Based on the above discussion, the provisional cost of Power Purchase for FY 2022-23 works out as given below:

Table 1-24: Provisional Power Purchase Cost for FY 2022-23

Power Purchase for FY 2022-23 Source	Approved in the MYT Tariff Order			Tata Power-D Actual		
	Mus	Rs/kWh	Rs Cr	Mus	Rs/kWh	Rs Cr
Power Purchase from Tata Power-G	3773.46	4.56	1720.17	3043.83	8.80	2679.13
Non Solar RPO+Solar+REC	881.26	3.66	322.65	1135.19	3.35	380.65
Bilateral + UI Purchase	574.63	3.56	204.48	1307.64	6.06	792.70
OLA Sale				-5.71	9.19	-5.24
MSLDC Charges	-	-	1.28			1.28
Standby Ch.for energy drawn				0.86		0.94
Fixed Standby Charges	-	-	99.46	0.00		99.46
Transmission Charges	-	-	259.13			259.13
Total Power Purchase cost	5229.36	4.99	2607.17	5481.80	7.68	4208.05

60. As seen from the above Table, the provisional power purchase cost for FY 2022-23 works out to **Rs. 4208.05 Crores.**

1.18 Capital Expenditure and Capitalisation

61. The Hon'ble Commission, in its MYT Tariff Order in Case 326 of 2019 dated 30th March, 2020 had approved the capitalisation of Rs. 87.96 Crores for Distribution Wires Business and Rs. 20.86 Crores for Retail Supply Business. Against this, the provisional capitalisation

for FY 2022-23 is estimated to be **Rs. 156.07 Crores** for Distribution Wires Business and **Rs. 34.73 Crores** for Retail Supply Business. The estimated capital expenditure and capitalisation for FY 2022-23 for Tata Power-D is presented in the Table below:

Table 1-25: Estimated Capitalisation for FY 2022-23

Particulars	Rs Crores	
	Wire Business	Retail Supply
Approved in the MYT Tariff Order	87.96	20.86
Estimated capitalization	156.07	34.73

62. The detailed scheme wise breakup of the capitalisation is given in the Form 4.2 of the MYT petition. We request the Hon'ble Commission to approve the same.

1.19 ARR for Distribution Business for FY 2022-23

63. Based on the above computation of the elements of ARR, the summary of the ARR and its comparison with that considered in the MTR Order is presented for the Distribution Wires and the Retail Supply Business in the Tables below:

Table 1-26: Provisional ARR for Distribution Wires and Supply Business for FY 2022-23

Particulars	Rs Crores	
	MYT Tariff Order	Tata Power-D
Power Purchase Expenses including Standby Charges	2247.29	3848.18
Intra-State Transmission Charges	259.13	259.13
MSLDC Fees & Charges	1.28	1.28
Standby Charges	99.46	99.46
O&M Expenses	243.99	245.21
Depreciation	147.51	160.37
Interest on Loan Capital	71.56	65.95
Interest on Working Capital	20.62	13.32
Interest on Security Deposit	9.53	12.23
Provision for bad and doubtful debts	0.00	0.00
Contribution to contingency reserves	0.60	0.60
Others (DSM)	0.68	0.52
Total Revenue Expenditure	3101.65	4706.24
Add: Return on Equity Capital	165.01	167.27
Aggregate Revenue Requirement	3266.66	4873.51
Less: Non-Tariff Income	7.80	13.33
Less: Income from OA consumers	84.83	43.21
Aggregate Revenue Requirement	3174.02	4816.97

64. As seen from the above the combined ARR for Distribution Wires and Retail Supply Business for FY 2022-23 worked out as **Rs 4816.97 Crores** as against approved ARR of Rs. 3174.02 Crores.

1.20 Revenue for FY 2020-23

65. Tata Power-D has considered the actual Revenue recovered till September, 2022 and projected the expected revenue for the remaining period based on the actual realization till date. Based on the same, the total estimated revenue recovery during FY 2022-23 is as given in the Table below:

Table 1-27: Estimated Revenue Recovered for Distribution Business for FY 2022-23

<i>Rs Crores</i>	
Revenue	Total
Revenue Supply Business	3356.97
Revenue Wheeling Charges	423.18
Revenue from OA (Wheeling Ch.)	20.81
Revenue from OA (CSS)	22.40
Total	3823.36

66. As seen from the above the estimated total Revenue recovery will be **Rs 3823.36 Crores** during for FY 2022-23.

1.21 Revenue Gap / (Surplus) for FY 2022-23

67. Considering the estimated Revenue for FY 2022-23, the Revenue Gap / (Surplus) for FY 2022-23 for the Distribution Wires and Supply Business, is as follows:

Table 1-28: Gap / (Surplus) for Distribution Business for FY 2022-23

Particulars	<i>Rs Crores</i>	
	MYT Tariff Order	Tata Power-D
Net Aggregate Revenue Requirement	3250.17	4816.97
Revenue from Distribution Wires+Retail Supply	3249.63	3780.15
Revenue Gap/(Surplus)		1036.82

68. As can be seen from the above Table, the estimated standalone Revenue Gap for Distribution Wires and Supply Business for FY 2022-23 is **Rs. 1036.82**. We request the Hon'ble Commission to approve the same.

- AGGREGATE REVENUE REQUIRED FOR THE PERIOD FY 2023-24 & FY 2024-25

69. This section discusses and presents the estimated ARR for the Period FY 2023-24 and FY 2024-25 with respect to the Distribution Wires and Retail Supply Business of Tata Power-D. It is submitted that the ARR is computed in this section considering the Maharashtra Electricity Regulatory Commission (Multi Year Tariff) Regulations, 2019 ("MYT Regulations, 2019").

1.22 Sales Projection for the balance Control Period

70. Sales of Tata Power-D consist of (i) Direct Sales (on the Wires of Tata Power-D) and (ii) Changeover Sales (on the Wires of Other Utility) which is allowed in the Mumbai Suburban Area. Considering these aspects and the past Sales of Tata Power-D, the detailed methodology for arriving at the Sales for the future Control Period is presented in the petition.

Table 1-29: Total Sales Projection for FY 2023-24 and FY 2024-25

Consumer Categories	FY 24		FY 25	
	MYT order	Tata Power-D	MYT order	Tata Power-D
	MYT order	TPC-D	MYT order	TPC-D
EHV - Industry	214.59	566.49	214.59	572.16
HT I – Industry	984.66	1041.27	1042.16	1145.39
EHV- Commercial	106.22	95.95	106.22	96.91
HT II – Commercial	394.84	407.14	409.75	427.50
HT III - Group Housing Society	13.23	40.94	16.54	42.17
HT V(A) - Railways	71.50	126.00	72.42	128.11
22/33 KV	71.38	111.00	72.35	112.11
HT V(B) - Railways Metro & Monorail	0.12	15.00	0.07	16.00
HT VI - Public Services	238.94	190.21	244.22	194.69
HT VI(A) - Publ Serv Govt Hosp&Edu Inst	14.49	28.09	14.95	28.93
HT VI(B) - Public Services Others	171.14	101.28	175.95	104.31
EHV Public Services Others	53.32	60.84	53.32	61.45
HT VIII - Electric Vehicle Charging Stn.	0.00	20.00	0.00	25.00
HT Consumers Total	2023.98	2488.00	2105.90	2631.94
LT Category				
LT I - Residential (BPL)				
LT I - Residential	705.65	695.87	809.87	800.25
0-100	188.88	174.75	216.78	200.96
101-300	205.96	211.56	236.37	243.29
301-500	81.93	94.79	94.03	109.00
501 and above	228.88	214.77	262.68	246.99
LT II - Commercial	660.15	660.22	716.69	777.43
LT II(A) - Commercial upto 20 kW	154.56	187.20	177.69	192.93
LT II(B) - Commercial 20 to 50 kW	156.55	91.90	176.07	103.85
LT II(C) - Commercial > 50 kW	349.04	381.12	362.92	480.66
LT III - Industrial upto 20 kW	19.55	27.50	19.01	30.25
LT IV - Industrial > 20 kW	211.58	267.82	218.64	294.60
LT IX(A) - Publ Serv Govt Hosp&Edu Inst	33.76	6.66	38.16	7.33
LT IX(B) - Public Services Others	0.53	26.41	0.47	28.52
LT XI: Electric Vehicle Charging Stations	0.10	2.20	0.10	2.42
LT CONSUMERS TOTAL MUs	1631.32	1686.68	1802.93	1940.80
15 day				
Total	3655.30	4174.68	3908.83	4572.74

Consumer Categories	FY 24		FY 25	
	MYT order	Tata Power-D	MYT order	Tata Power-D
	MYT order	TPC-D	MYT order	TPC-D
HT CUSTOMERS				
HT I - Industry	0.00		0.00	0.00
HT II - Commercial	0.15	0.20	0.07	0.20
HT III - Group Housing Society	0.00	0.00	0.00	0.00
HT IV - PWW & Sewage Treatment Plants		0.00		0.00
HT V(A) - Railways		0.00		0.00
- 22/33 kV	0.00	0.00	0.00	0.00
- 100kV		0.00		0.00
HT V(B) - Railways Metro & Monorail	0.00	0.00	0.00	0.00
HT VI - Public Services		0.00		0.00
a) Govt. Edu. Inst. & Hospitals	0.00	0.00	0.00	0.00
b) Others	0.00	0.00	0.00	0.00
HT IV - Temporary Supply	0.00	0.00	0.00	0.00
HT CUSTOMERS TOTAL MUs	0.16	0.20	0.07	0.20
LT I - Residential (BPL)		0.00	0.00	0.00
LT I - Residential	1417.76	1428.16	1417.77	1428.16
- S1 (0-100 units)	606.48	527.80	606.50	527.80
- S2 (101-300 units)	577.40	603.01	577.40	603.01
- S3 (> 301-500 Units)	137.37	182.86	137.37	182.86
- S4 (Above 500 units (balance units)	96.50	114.49	96.50	114.49
LT II - Commercial	162.09	95.79	162.09	95.79
- Upto 20 kW	102.21	65.96	102.21	65.96
- > 20 kW & < 50kW	24.72	13.09	24.72	13.09
- > 50kW	35.16	16.74	35.16	16.74
LT III (A) - Industry < 20 kW	5.65	14.92	4.43	14.92
LT III (B) - Industry > 20kW	0.93	7.97	0.56	7.97
LT IX - Public Services	9.69	3.05	12.12	3.05
a) Govt. Edu. Inst. & Hospitals	0.00	1.46	0.00	1.46
b) Others	9.69	1.59	12.12	1.59
LT CONSUMERS TOTAL MUs	1596.12	1549.88	1596.97	1549.88
Total	1596.27	1550.08	1597.04	1550.08

1.23 Power Purchase Plan

71. In this section, Tata Power –D has presented the total power purchase requirement for FY 2023-24 to FY 2024-25 based on the above estimated energy input requirement. The energy input requirement is proposed to be met from the following sources:

- a) Power Purchase from Tata Power –G
- b) Power Purchase from Renewable Sources
- c) Short Term Bilateral Sources
- d) Bundled Power Supply

72. The summary of power purchase from various Sources for the FY 2023-24 and FY 2024-25 is provided below:

1.24 Total Cost of Power Purchase:

73. The total cost of Power Purchase for Tata Power-D for FY 2023-24 and FY 2024-25 is shown in the Table below:

Table 1-30: Total Power Purchase Cost of Tata Power-D for the Period FY 2023-24

Particulars	FY 2023-24					
	MU	Rs./kWh	Rs Crores	MU	Rs./kWh	Rs Crores
	MYT Order			Petition		
Tata Power-G	3788.23	4.66	1764.70	1550.52	6.72	1042.40
Non-Solar+ Solar Generation + REC	1044.71	3.46	361.88	1346.21	3.22	433.02
RE Bilateral / Medium Term				700.00	3.04	212.80
Bilateral Power Purchase	625.80	3.56	222.69	2352.63	4.50	1058.68
Standby Charges	-	-	99.19			0.00
Transmission Charges	-	-	258.90			258.90
SLDC Charges	-	-	1.37			1.37
Total	5458.74	4.96	2708.73	5949.36	5.05	3007.18

74. As can be seen from the above table, the proposed average cost of power purchase for the Control Period for FY 2023-24 is **Rs. 5.05 /kWh**.

Table 1-31: Total Power Purchase projected for FY 2024-25

Particulars	FY 2024-25					
	MU	Rs./kWh	Rs Crores	MU	Rs./kWh	Rs Crores
	MYT Order			Petition		
Tata Power-G/Medium Term/Proposed Bundled Supply	3866.99	4.77	1843.41	4625.79	4.10	1896.58
Non-Solar+ Solar Generation + REC	1253.46	3.34	418.98	1333.24	3.22	429.45
Bilateral Power Purchase	603.47	3.56	214.74	405.61	4.50	182.53
Standby Charges	-	-	98.92			0.00
Transmission Charges	-	-	255.80			255.80
SLDC Charges	-	-	1.39			1.39
Total	5723.92	4.95	2833.24	6364.65	4.35	2765.74

75. The proposed average cost of power purchase for FY 2024-25 is Rs. 4.35 /kWh.

1.25 Capital Expenditure and Capitalisation

76. Tata Power-D, based on the existing schemes has considered capitalisation of Rs. 166.42 Crores and Rs. 166.47 Crores per annum for Distribution Wire Business (including Non-DPR schemes) for FY 2023-24 and FY 2024-25 respectively, and Rs. 8.30 Crores and 2.00 Crores for FY 2023-24 and FY 2024-25 for Retail Supply Business respectively. The details of the projected capitalisation for FY 2023-24 and FY 2024-25 are provided in the Table below:

Table 1-32: Capitalisation in Distribution Wires Business for FY 2023-24 and FY2024-25

Particulars	Wire			
	FY 2023-24		FY 2024-25	
	MYT	Petition	MYT	Petition
DPR	87.96	141.42	87.96	141.47
Non-DPR		25.00		25.00
Total Capitalization	87.96	166.42	87.96	166.47

Table 1-33: Capitalisation in Retail Supply Business for FY 2023-24 and FY2024-25*Rs Crores*

Particulars	Supply			
	FY 2023-24		FY 2024-25	
	MYT	Petition	MYT	Petition
DPR	14.02	6.30	8.44	0.00
Non-DPR		2.00		2.00
Total Capitalization	14.02	8.30	8.44	2.00

77. We request the Hon'ble Commission to approve the projected capitalisation.

1.26 Aggregate Revenue Requirement

78. The estimated ARR for the Distribution Wires and Retail Supply Business has been tabulated below:

Table 1-34: Estimated ARR for Distribution Wires Business for FY 2023-24 and FY 2024-25*Rs Crores*

Fixed Cost	FY 2023-24		FY 2024-25	
	MYT Approved	Petition	MYT Approved	Petition
O & M expenses	128.52	134.19	133.44	140.98
Depreciation	140.06	146.51	144.12	154.27
Interest Expense	59.64	59.40	52.86	56.89
Interest on working capital	9.65	10.03	9.86	10.50
Contingency Reserves	0.00	0.00	0.00	0.00
Total Revenue Expenditure	337.87	350.14	340.28	362.63
Return on Equity	155.39	160.91	159.87	169.38
Total	493.26	511.05	500.15	532.02
Less: Non tariff Income	5.37	5.09	5.37	5.09
Total wire ARR	487.89	505.97	494.78	526.93

Table 1-35: Estimated ARR for Retail Supply Business for FY 2023-24 and FY 2024-25*Rs Crores*

Particulars	FY 2023-24		FY 2024-25	
	MYT Order	Petition	MYT Order	Petition
Cost of power purchase expenses	2349.27	2746.91	2477.14	2508.55
Intra-State Transmission Charges	258.90	258.90	255.80	255.80
Intra-State Standby Charges	99.19	0.00	98.92	0.00
MSLDC Fees & Charges	1.37	1.37	1.39	1.39
O&M Expenses	124.58	123.42	129.12	129.67
Depreciation	12.31	23.15	12.83	23.58
Interest on Long Term Loans	5.50	3.79	5.11	2.32
Interest on Working Capital	11.72	0.00	12.52	11.50
Bad and Doubtful Debt	-	0.00	-	0.00
Contribution to Contingency Reserve	0.65	0.69	0.68	0.71
RoE	15.08	15.78	15.71	16.07
Interest on consumer security deposit	9.72	16.17	9.97	16.17
DSM expenses	0.68	0.52	0.68	0.52
Less:				
Non Tariff Income	2.43	8.24	2.43	8.24
Total Annual Revenue Requirement	2886.54	3182.46	3017.43	2958.04

CUMULATIVE REVENUE GAP / (SURPLUS), TARIFF PHILOSOPHY AND CATEGORY WISE TARIFFS FOR FY 2023-24 AND FY 2024-25

79. The earlier sections discussed about the truing of FY 2019-20, FY 2020-21, FY 2021-22, provisional truing up of FY 2022-23 and the ARR for FY 2023-24 and FY 2024-25. This section presents the cumulative Gap / (Surplus) arising out of the performance of the previous years i.e. the actual Truing Up for FY 2019-20, FY 2020-21 and FY 2021-22 and provisional truing up for FY 2022-23 and subsequently the Tariff philosophy and the Tariff proposal for FY 2023-24 and FY 2024-25.

1.27 Cumulative Gap / (Surplus) of Distribution Wires and Retail Supply Business along with Carrying Cost

80. Based on the above submissions, the total past Gap / (Surplus) which needs to be adjusted in future Tariff for Distribution Wire is as computed in the Table below:

Table 1-36 Cumulative Gap / (Surplus) of Distribution wire Business

Particulars	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Opening Balance	0.00	-0.24	2.10	7.89	160.99	249.91	290.98
Addition due to Past Gap / (Surplus) allowed through Review Orders	-0.24	2.34					
Standalone Gap / (Surplus)			5.79	153.09	88.92	41.08	0.00
Closing Balance	-0.24	2.10	7.89	160.99	249.91	290.98	290.98
Average of Opening and Closing	-0.12	0.93	5.00	84.44	205.45	270.44	290.98
Interest Rate	10.18%	9.89%	9.66%	8.57%	8.50%	9.55%	9.55%
Carrying Cost	-0.01	0.09	0.48	7.24	17.46	25.83	13.89
Total Carrying Cost				51.09			
Total Gap / Surplus including Carrying Cost				342.07			
Refund of over recovery on account of RAC				-11.07			
Net Gap				331.00			

81. As can be seen from the above Table, the net Gap to be recovered for the Distribution Wires Business in the Tariff of the future period is Rs. **331.00** Crores. Tata Power-D proposes to adjust this entire amount through the Tariff in next two years i.e FY 2023-24 & FY 2024 -25.

82. The total past Gap / (Surplus) which needs to be adjusted in future Tariff for Retail Supply is as computed in the Table below:

Table 1-37 Cumulative Gap / (Surplus) of Retail Supply Business

Particulars	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Opening Balance	0.00	1.94	1.94	1.94	42.82	49.92	-47.83	-299.27	26.31	1022.05
Addition due to Past Gap / (Surplus) allowed through Review Orders	1.94	0	0	40.88	7.10					
Standalone Gap / (Surplus)						-97.75	-251.44	325.59	995.74	0.00
Closing Balance	1.94	1.94	1.94	42.82	49.92	-47.83	-299.27	26.31	1022.05	1022.05
Average of Opening and Closing	0.97	1.94	1.94	22.38	46.37	1.04	-173.55	-136.48	524.18	1022.05
Interest Rate	14.75%	14.75%	10.79%	10.18%	9.89%	9.66%	8.57%	8.50%	9.55%	9.55%
Carrying Cost	0.14	0.29	0.21	2.28	4.59	0.10	-14.88	-11.60	50.06	48.80
Total Carrying Cost	31.18									
Total Gap / Surplus including Carrying Cost	1053.24									
Refund from Tata Power_G	22.65									
Net Gap	1030.59									

83. As can be seen from the above Table, the net Gap to be recovered for the Distribution Supply Business in the Tariff of the future period is **Rs.1030.59 Crores**. Tata Power-D proposes to adjust this entire amount through the Tariff in next two years i.e FY 2023-24 & FY 2024 -25.

1.28 Average Cost of Supply for the Control Period along with the Past Gap / (Surplus)

84. Considering the ARR of the Control Period based on the MYT Regulations, 2019 and the proposed recovery of past Gap / (Surplus) for Distribution Wires and Retail Supply Business, the **Average Cost of Supply** is worked out as given in the table below:

Table 1-38: Average Cost of Supply for FY 2023-24 and FY 2024-25

Particulars	Wire Business		Supply Business	
	FY 2023-24	FY 2024-25	FY 2023-24	FY 2024-25
1 Opening Balance - Rs Crores	0.00	182.05	0.00	772.94
2 Addition during the Period	331.00	0.00	1030.59	0
3 Recovery during the Period - Rs Crores	148.95	182.05	257.65	772.94
4=1+2-3 Closing Balance	182.05	0.00	772.94	0.00
5 Rate of Interest (%)	9.55%	9.55%	9.55%	9.55%
6=Avg(1,4)*5 Carrying Cost	8.69	8.69	36.91	36.91
7=3+6 Net Recovery Including carrying cost	157.65	190.75	294.55	809.85
8 Standalone ARR - Rs Crores	505.97	526.93	3182.46	2958.04
9=7 Past Recovery including carrying cost - Rs Crores	157.65	190.75	294.55	809.85
10 Less: Expected Revenue from OA	21.11	20.70	24.10	32.26
11=8+9-10 Total ARR Requirement - Rs Crores	642.50	696.98	3452.92	3735.62
12 Total Sale - Mus	4174.68	4572.74	5724.76	6122.82
13=11/10*10 Average Cost - Rs/kWh	1.54	1.52	6.03	6.10

Table 1-39: Combined Average Cost of Supply

		Total ARR for Distribution Business	
		FY 2023-24	FY 2024-25
1	Standalone ARR - Rs Crores	3688.42	3484.97
2	Past Recovery including carrying cost - Rs Crores	452.20	1000.59
3	Less: Expected Revenue from OA	45.20	52.96
4=1+2-3	Total ARR Requirement - Rs Crores	4095.42	4432.60
5	Total Sale - Mus	5724.76	6122.82
6=4/5*10	Average Cost - Rs/kWh	7.15	7.24

85. As seen from the above, the proposed **Average Cost of Supply** for the Distribution Business works is of **Rs. 7.15 /kWh** to **Rs. 7.24 /kWh** for FY 2023-24 and FY 2024-25 respectively.

1.29 Cross Subsidy Structure

86. The category wise CS structure proposed by Tata Power-D is as given below:

Table 1-40: Category-wise Cross Subsidy for FY 2023-24 & FY 2024-25

Consumer Category	FY 2023-24	FY 2024-25
HT Category		
EHV - Industry	89%	88%
HT I - Industry	102%	99%
EHV- Commercial	88%	89%
HT II - Commercial	110%	111%
HT III - Group Housing Society (Residential)	94%	90%
HT IV - Railways, Metro & Mono		
- 22/33 kV	95%	89%
- 100kV	113%	109%
HT V - Public Services		
a) Govt. Edu. Inst. & Hospitals	114%	115%
b) Others	100%	103%
EHV - Public Services Others	82%	87%
HT VIII - EV Charging Stations	84%	83%
LT Category		
LT I - Residential (BPL)		
LT I – Residential	89%	90%
S1 (0 - 100 units)	47%	47%
S2 (101 - 300 units)	89%	89%
S3 (301 - 500 units)	128%	130%
S3 (Above 500 units)	145%	145%
LT II - Commercial		
(A) - Up to 20 kW	105%	103%
(B) - >20 kW & < 50 kW	134%	130%
(C) - >50 kW	129%	127%
LT III (A)- Industrial upto 20 kW	94%	91%
LT III (B) - Industrial > 20 kW	116%	113%
LT V (A) - Public Services		
Government Hospitals & Educational Institutions	96%	94%
LT V (B) - Public Services Others	112%	109%
LT VI - EV Charging Station	107%	110%

87. As can be seen from the above Table, CS has been adjusted to bring it broadly in the range of +/-20%.

1.30 Tariff Components

88. Based on the above, various Tariff components have been proposed as given below:

ii. Fixed / Demand Charges

89. The Fixed cost gets ideally recovered through fixed charges, it is submitted we have proposed the same rates for fixed charges and Demand charges.

iii. Energy Charges

90. Tata Power-D has determined the category-wise Energy Charges such that the cross-subsidy with respect to the ACoS across consumer categories is reduced from the present levels, and the Tariff of most of the consumer categories comes within the +/-20% of the ACoS as suggested in the Tariff Policy.

iv. Incentives - Load Factor / Power Factor / Time-of-Day

a) Incentives - Load Factor

91. Tata Power-D proposes to revise the Load Factor Incentive applicable to consumers as approved in Case No. 326 of 2019. It is submitted that present LFI provides rebate of 1% on the Energy Charges for every percentage point increase in Load Factor from 85%, which results into under recovery of variable charges incurred on the additional consumption by the consumer. In view this, it is requested that the LFI may be reduced as follows:

- “Consumers having Load Factor above 80% and up to 90% will be entitled to an incentive in the form of a rebate of 0.50% on the Energy Charges for every percentage point increase in Load Factor from 80% to 90%.
- Consumers having a Load Factor above 90 % will be entitled to a rebate of 0.75% on the Energy Charges for every percentage point increase in Load Factor from 90%.
- The total rebate will be subject to a ceiling of 10% of the Energy Charges applicable to the consumer.”

b) Time of Day Charges

92. Tata Power -D proposes following ToD Rates for the Distribution Licensees in Maharashtra:

Sr No	Timing	Rate Rs/kWh
1	00:00 to 01:00 Hrs	0.00
2	01:00 to 07:00 Hrs	-0.80
3	07:00 to 17:00 Hrs	0.00
4	17:00 to 23:00 Hrs	0.80
5	23:00 to 24:00 Hrs	0.00

c) PF Incentive / Penalty

93. It is proposed to continue the PF Incentive / Penalty for kWh Billing as approved in Case No. 326 of 2019.

d) Wheeling Charge

94. Tata Power -D has determined the ratio of GFA based on the principle approved in Case 133 of 2020, and computed the ratio of EHT:HT:LT as follows:

Table 7-18: GFA Ratio for Distribution Wires Business

Particulars	Wires		
	EHT	HT	LT
GFA %	1%	58%	41%

95. Considering the GFA ratio as derived based on new guidelines approved by Hon'ble Commission, the total Wires ARR along with past recoveries and EHT, HT, LT Direct and Open Access Sales, Tata Power-D has computed the Wheeling Charges for the FY 2023-24 and FY 2024-25.

Table 7-20: Wheeling Charges for FY 2023-24

Year	Level	Wheeled Sales (MUs)	Level wise % Wheeled Sales mix	% Wheeled sales mix between HT & LT	% GFA Ratio	Wheeling Cost segregation (as per % GFA) (Rs. Crore)	Wheeling Cost allocation for EHV (Rs. Crore)	Wheeling Cost allocation for HT (Rs. Crore)	Wheeling Cost allocation for LT (Rs. Crore)	Total Wheeling Cost allocation (Rs. Crore)	Wheeling Charges allocation (Rs/kWh)	Wheeling Charges allocation (Rs/KVAh)
FY 2023-24												
1	EHV (110 kV)	753	17%		1%	6	6			6	0.08	0.08
2	HT (33/22/11/6.6 kV)	1955	44%	54%	58%	373		200		200	1.02	1.00
3	LT	1687	38%	46%	41%	263		173	263	436	2.59	2.53

Table 7-21: Wheeling Charges for FY 2024-25

Year	Level	Wheeled Sales (MUs)	Level wise % Wheeled Sales mix	% Wheeled sales mix between HT & LT	% GFA Ratio	Wheeling Cost segregation (as per % GFA) (Rs. Crore)	Wheeling Cost allocation for EHV (Rs. Crore)	Wheeling Cost allocation for HT (Rs. Crore)	Wheeling Cost allocation for LT (Rs. Crore)	Total Wheeling Cost allocation (Rs. Crore)	Wheeling Charges allocation (Rs/kWh)	Wheeling Charges allocation (Rs/KVAh)
FY 2024-25												
1	EHV (110 kV)	762	16%		1%	7	7			7	0.09	0.09
2	HT (33/22/11/6.6 kV)	2090	44%	52%	58%	404		210		210	1.00	0.98
3	LT	1941	40%	48%	41%	286		195	286	480	2.48	2.43

96. The summary of Wheeling Charges for the period FY 2023-24 to FY 2024-25 is as given below:

Table 7-22: Wheeling Charges from FY 2023-24 to FY 2024-25 (Rs./kWh)

Year	Level	Wheeling Charges allocation (Rs/kWh)	Wheeling Charges allocation (Rs/KVAh)
FY 2023-24			
1	EHV (110 kV)	0.08	0.08
2	HT (33/22/11/6.6 kV)	1.02	1.00
3	LT	2.59	2.53
FY 2024-25			
1	EHV (110 kV)	0.09	0.09
2	HT (33/22/11/6.6 kV)	1.00	0.98
3	LT	2.48	2.43

v. Wheeling Losses for the Control Period

97. It is proposed to adopt the Wheeling Loss based on the Energy Balance of FY 2021-22 as shown in the Table below:

Table 1-41: Wheeling Losses for the FY 2023-24 & FY 2024-25

Particulars	Total Sale		HT		LT	
	FY 2023-24	FY 2024-25	FY 2023-24	FY 2024-25	FY 2023-24	FY 2024-25
Output Mus	3436.40	3826.22	1749.72	1885.42	1686.68	1940.80
Input Mus	3471.81	3865.65	1754.45	1890.53	1717.37	1976.12
Loss%	1.02%	1.02%	0.27%	0.27%	1.79%	1.79%

vi. Cross Subsidy Surcharge for FY 2023-24 and FY 2024-25

98. Tata Power-D has computed the Cross Subsidy Surcharge "CSS" based on the formula stipulated in the Tariff Policy, 2016 for determining CSS and as approved by the Hon'ble Commission in the MYT Order. the category wise CSS computed for FY 2023-24 to FY 2024-25 is as given in the Table below:

Table 1-42: Proposed CSS for FY 2023-24 to FY 2024-25 (Rs/kWh/kVAh as applicable)

HT Category	FY 24	FY 25
EHV - Industry	0.96	1.28
HT I - Industry	0.95	1.44
EHV - Commercial	0.92	1.29
HT II - Commercial	1.58	1.60
HT III - Group Housing Society (Residential)	0.41	0.94
HT IV - Railways, Metro & Mono		
- 22/33 kV	0.46	0.86
- 100kV	1.62	1.58
HT V - Public Services		
a) Govt. Edu. Inst. & Hospitals	1.64	1.67
b) Others	0.83	1.49
EHV - Public Services Others	0.51	1.26
HT VIII - EV Charging Stations	0.00	0.49
LT Category		
LT I - Residential (BPL)		
LT I – Residential	0.00	0.00
<i>S1 (0 - 100 units)</i>	0.00	0.00
<i>S2 (101 - 300 units)</i>	0.00	0.00
<i>S3 (301 - 500 units)</i>	1.18	1.88
<i>S3 (Above 500 units)</i>	2.07	2.11
<i>T1 (0 - 100 units)</i>	0.00	0.00
<i>T2 (101 - 300 units)</i>	0.00	0.00
<i>T3 (301 - 500 units)</i>	1.18	1.88
<i>T3 (Above 500 units)</i>	2.07	2.11
LT II - Commercial		
(A) - Up to 20 kW	0.00	0.30
(B) - >20 kW & < 50 kW	1.61	1.88
(C) - >50 kW	1.27	1.85
LT III (A)- Industrial upto 20 kW	0.00	0.00
LT III (B) - Industrial > 20 kW	0.29	1.06
LT IX - Public Services		
Government Hospitals & Educational Institutions	0.00	0.00
Public Services Others	0.03	0.77

vii. Charges to Open Access Consumers for the Control Period

99. The Charges applicable to OA consumers based on the Distribution OA Regulations, 2016 and its subsequent Amendment in 2019 are as follows:

- Wheeling Charges
- Cross Subsidy Surcharge
- Additional Surcharges

100. Tata Power-D has discussed applicability of these charges in the above paragraphs and the same would be applicable to OA consumers.

1.31 Revised Tariffs for the Control Period

101. In line with the submissions made above the Tariff applicable for FY 2023-24 & FY 2024-25 is presented in the Tables below:

Table 1-43: Proposed Tariff from 1st April, 2023 to 31st March, 2024 (Rs/kWh)

Consumer Categories	Fixed Charges	Demand Charges	Wheeling Charge	Energy Charges
	Rs/Connection /month	Rs/KVA/Month	Rs./kWh	Rs./kWh
EHV - Industry	0.00	375.00	0.08	5.20
HT I - Industry	0.00	375.00	1.02	5.20
EHV- Commercial	0.00	375.00	0.08	5.25
HT II - Commercial	0.00	375.00	1.02	5.25
HT III - Group Housing Society (Residential)	0.00	375.00	1.02	4.75
HT IV - Railways, Metro & Mono	0.00	0.00	0.00	0.00
- 22/33 kV	0.00	375.00	1.02	4.92
Metro & Monorail	0.00	375.00	0.08	4.92
HT V - Public Services	0.00	0.00	0.00	0.00
a) Govt. Edu. Inst. & Hospitals	0.00	375.00	1.02	5.10
b) Others	0.00	375.00	1.02	5.30
EHV - Public Services Others	0.00	375.00	0.08	5.30
HT VIII - EV Charging Stations	0.00	70.00	1.02	4.77
HT total	0.00	0.00	0.00	0.00
LT CUSTOMERS	0.00	0.00	0.00	0.00
LT I (A) - Residential (BPL)	10.00	0.00	2.59	1.00
LT I (B) - Residential	0.00	0.00	0.00	0.00
- S1 (0-100 units)	85.00	0.00	2.59	2.45
- S2 (101-300 units)	125.00	0.00	2.59	4.96
- S3 (> 301-500 Units)	125.00	0.00	2.59	7.65
- S4 (Above 500 units (balance units))	155.00	0.00	2.59	8.35
LT II - Commercial	0.00	0.00	0.00	0.00
(A) - Upto 20 kW	450.00	0.00	2.59	4.75
(B) - > 20 kW & < 50kW	0.00	375.00	2.59	4.80
(C) - > 50kW	0.00	375.00	2.59	5.20
LT III (A) - Industry < 20 kW	450.00	0.00	2.59	4.70
LT III (B) - Industry > 20kW	0.00	375.00	2.59	4.80
LT IV - Public Services	0.00	0.00	0.00	0.00
a) Govt. Edu. Inst. & Hospitals	450.00	0.00	2.59	4.70
b) Others	450.00	0.00	2.59	4.89
LT V - EV Charging Stations	0.00	0.00	2.59	4.84

Table 1-44: Proposed Tariff from 1st April, 2023 to 31st March, 2024 (Rs/kVAh)

Consumer Categories	Fixed Charges	Demand Charges	Wheeling Charge	Energy Charges
	Rs/Connection /month	Rs/KVA/Month	Rs./kVAh	Rs./kVAh
EHV - Industry	0.00	375.00	0.08	5.10
HT I - Industry	0.00	375.00	1.00	5.10
EHV- Commercial	0.00	375.00	0.08	5.15
HT II - Commercial	0.00	375.00	1.00	5.15
HT III - Group Housing Society (Residential)	0.00	375.00	1.00	4.66
HT IV - Railways, Metro & Mono	0.00	0.00	0.00	0.00
- 22/33 kV	0.00	375.00	1.00	4.82
Metro & Monorail	0.00	375.00	0.08	4.82
HT V - Public Services	0.00	0.00	0.00	0.00
a) Govt. Edu. Inst. & Hospitals	0.00	375.00	1.00	5.00
b) Others	0.00	375.00	1.00	5.19
EHV - Public Services Others	0.00	375.00	0.08	5.19
HT VIII - EV Charging Stations	0.00	70.00	1.00	4.67

Table 1-45: Proposed Tariff from 1st April, 2024 to 31st March, 2025 (Rs./kWh)

Consumer Categories	Fixed Charges	Demand Charges	Wheeling Charge	Energy Charges
	Rs/Connection /month	Rs/KVA/Month	Rs./kWh	Rs./kWh
EHV - Industry	0.00	395.00	0.09	5.08
HT I - Industry	0.00	395.00	1.00	5.08
EHV- Commercial	0.00	395.00	0.09	5.23
HT II - Commercial	0.00	395.00	1.00	5.23
HT III - Group Housing Society (Residential)	0.00	395.00	1.00	4.40
HT IV - Railways, Metro & Mono				
- 22/33 kV	0.00	395.00	1.00	4.43
HT IV - Railways, Metro & Mono	0.00	395.00	0.09	4.43
HT V - Public Services				
a) Govt. Edu. Inst. & Hospitals	0.00	395.00	1.00	5.01
b) Others	0.00	395.00	1.00	5.50
EHV - Public Services Others	0.00	395.00	0.09	5.50
HT VIII - EV Charging Stations	0.00	70.00	1.00	4.68
HT total	0.00	0.00	0.00	0.00
LT CUSTOMERS				
LT I (A) - Residential (BPL)	10.00	0.00	2.48	1.00
LT I (B) - Residential				
- S1 (0-100 units)	90.00	0.00	2.48	2.45
- S2 (101-300 units)	130.00	0.00	2.48	4.96
- S3 (> 301-500 Units)	130.00	0.00	2.48	7.80
- S4 (Above 500 units (balance units))	165.00	0.00	2.48	8.52
LT II - Commercial				
(A) - Upto 20 kW	475.00	0.00	2.48	4.65
(B) - > 20 kW & < 50kW	0.00	395.00	2.48	4.75
(C) - > 50kW	0.00	395.00	2.48	5.15
LT III (A) - Industry < 20 kW	475.00	0.00	2.48	4.60
LT III (B) - Industry > 20kW	0.00	395.00	2.48	4.70
LT IV - Public Services				
a) Govt. Edu. Inst. & Hospitals	475.00	0.00	2.48	4.70
b) Others	475.00	0.00	2.48	4.89
LT V - EV Charging Stations	0.00	0.00	2.48	4.84

Table 1-46: Proposed Tariff from 1st April, 2024 to 31st March, 2025 (Rs/kVAh)

Consumer Categories	Fixed Charges	Demand Charges	Wheeling Charge	Energy Charges
	Rs/Connection /month	Rs/KVA/ Month	Rs./kVAh	Rs./kVAh
EHV - Industry	0.00	395.00	0.09	4.98
HT I - Industry	0.00	395.00	0.98	4.98
EHV- Commercial	0.00	395.00	0.09	5.13
HT II - Commercial	0.00	395.00	0.98	5.13
HT III - Group Housing Society (Residential)	0.00	395.00	0.98	4.31
HT IV - Railways, Metro & Mono				
- 22/33 kV	0.00	395.00	0.98	4.34
HT IV - Railways, Metro & Mono	0.00	395.00	0.09	4.34
HT V - Public Services				
a) Govt. Edu. Inst. & Hospitals	0.00	395.00	0.98	4.91
b) Others	0.00	395.00	0.98	5.39
EHV - Public Services Others	0.00	395.00	0.09	5.39
HT VIII - EV Charging Stations	0.00	70.00	0.98	4.59

Note:

- FAC will be applicable to all consumers and will be charged over the above tariffs, on the basis of the FAC formula specified by the Hon'ble Commission and computed on a monthly basis.
- Fixed Charge of Rs. 175 per month will be levied on residential consumers availing 3 phase supply. Additional Fixed Charge of Rs. 175 per 10 kW load or part thereof above 10 kW load shall also be payable.

1.32 Revised ABR for FY 2023-24 and FY 2024-25

102. Based on the above, the revised ABR in comparison with the existing ABR is as given in the Table below:

Table 1-47: ABR proposed for FY 2023-24 to FY 2024-25

Consumer Categories	FY 2023-24	FY 2024-25
	Rs./kWh	Rs./kWh
HT CUSTOMERS		
EHV - Industry	6.34	6.40
HT I - Industry	7.27	7.20
EHV- Commercial	6.30	6.44
HT II - Commercial	7.90	8.02
HT III - Group Housing Society (Residential)	6.73	6.50
HT IV - Railways, Metro & Mono		
- 22/33 kV	6.78	6.41
- 100kV	8.09	7.89
HT V - Public Services		
EHV Govt -Edu. Inst. & Hospitals		
HV Govt. Edu. Inst. & Hospitals	8.18	8.33
EHV - Public Services Others	5.89	6.28
HV Others	7.15	7.43
HT VIII - EV Charging Stations	5.98	6.04
LT CUSTOMERS		
LT I (A) - Residential (BPL)		
LT I (B) - Residential		
- S1 (0-100 units)	3.34	3.39
- S2 (101-300 units)	6.37	6.42
- S3 (> 301-500 Units)	9.18	9.39
- S4 (Above 500 units (balance units))	10.34	10.53
LT II - Commercial		
(A) - Upto 20 kW	7.50	7.42
(B) - > 20 kW & < 50kW	9.60	9.42
(C) - > 50kW	9.26	9.23
LT III (A) - Industry < 20 kW	6.70	6.61
LT III (B) - Industry > 20kW	8.28	8.18
LT IV - Public Services		
a) Govt. Edu. Inst. & Hospitals	6.84	6.79
b) Others	8.02	7.89
LT V - EV Charging Stations	7.69	7.99

1.33 Increase /Decrease in Tariff for FY 2023-24 and FY 2024-25

103. The increase / decrease in Tariff for FY 2023-24 and FY 2024-25 is as shown in the table below:

Table 1-48: Category wise Tariff Increase/Decrease for FY 2023-24

Consumer Categories	Average Billing Rate (Rs/kWh)		
	Existing Tariff + Approved FAC	Proposed Tariff For FY23-24	% Increase / Decrease
HT CUSTOMERS			
EHV - Industry	7.70	6.34	-18%
HT I - Industry	7.97	7.27	-9%
EHV- Commercial	7.59	6.30	-17%
HT II - Commercial	9.46	7.90	-17%
HT III - Group Housing Society (Residential)	8.20	6.73	-18%
HT IV - Railways, Metro & Mono	8.06	6.78	-16%
EHV - Metro & Monorail	7.43	8.09	9%
HT V - Public Services			
<i>a) Govt. Edu. Inst. & Hospitals</i>	8.93	8.18	-8%
<i>b) Others</i>	8.79	7.15	-19%
<i>EHV public Service Others</i>	7.42	5.89	
HT VIII - EV Charging Stations		5.98	
HT total			
LT CUSTOMERS			
LT I (A) - Residential (BPL)			
LT I (B) - Residential	6.05	6.35	5%
- S1 (0-100 units)	2.61	3.34	28%
- S2 (101-300 units)	6.24	6.37	2%
- S3 (> 301-500 Units)	10.42	9.18	-12%
- S4 (Above 500 units (balance units))	11.36	10.34	-9%
LT II - Commercial			
(A) - Upto 20 kW	7.51	7.50	0%
(B) - > 20 kW & < 50kW	8.89	9.60	8%
(C) - > 50kW	9.13	9.26	1%
LT III (A) - Industry < 20 kW	7.12	6.70	-6%
LT III (B) - Industry > 20kW	8.39	8.28	-1%
LT IV - Public Services			
<i>a) Govt. Edu. Inst. & Hospitals</i>	7.49	6.84	-9%
<i>b) Others</i>	8.30	8.02	-3%
LT V - EV Charging Stations	6.51	7.69	18%

Table 1-49: Category wise Tariff Increase/Decrease for FY 2024-25

Consumer Categories	Average Billing Rate (Rs/kWh)		
	Proposed Tariff For FY23-24	Proposed Tariff For FY24-25	% Increase/ decrease
HT CUSTOMERS			
EHV - Industry	6.34	6.40	1%
HT I - Industry	7.27	7.20	-1%
EHV- Commercial	6.30	6.44	2%
HT II - Commercial	7.90	8.02	2%
HT III - Group Housing Society (Residential)	6.73	6.50	-3%
HT IV - Railways, Metro & Mono	6.78	6.41	-5%
EHV - Metro & Monorail	8.09	7.89	-21%
HT V - Public Services	0.00		
<i>a) Govt. Edu. Inst. & Hospitals</i>	8.18	8.33	2%
<i>b) Others</i>	7.15	7.43	4%
<i>EHV public Service Others</i>	5.89	6.28	7%
HT VIII - EV Charging Stations	5.98	6.04	1%
HT total			
LT CUSTOMERS			
LT I (A) - Residential (BPL)			
LT I (B) - Residential	6.35	6.49	2%
- S1 (0-100 units)	3.34	3.39	2%
- S2 (101-300 units)	6.37	6.42	1%
- S3 (> 301-500 Units)	9.18	9.39	2%
- S4 (Above 500 units (balance units))	10.34	10.53	2%
LT II - Commercial			
<i>(A) - Upto 20 kW</i>	7.50	7.42	-1%
<i>(B) - > 20 kW & < 50kW</i>	9.60	9.42	-2%
<i>(C) - > 50kW</i>	9.26	9.23	0%
LT III (A) - Industry < 20 kW	6.70	6.61	-1%
LT III (B) - Industry > 20kW	8.28	8.18	-1%
LT IV - Public Services	0.00		
<i>a) Govt. Edu. Inst. & Hospitals</i>	6.84	6.79	-1%
<i>b) Others</i>	8.02	7.89	-2%
LT V - EV Charging Stations	7.69	7.31	-5%