

## PUBLIC NOTICE

**Objections / comments on Tata Power-Distribution Business' (Tata Power-D) Mid-Term Review Petition, including True Up for FY 2015-16 as per MERC (Multi-Year Tariff) Regulations, 2011, True Up for FY 2016-17, Provisional True up for FY 2017-18, revised ARR and Tariff for FY 2018-19 and FY 2019-20 as per MERC (Multi-Year Tariff) Regulations, 2015 and its Amendments (Case No. 69 of 2018)**

1. THE TATA POWER COMPANY LIMITED's Distribution Business (Tata Power-D) has filed the Petition for approval of Mid Term Review for the third Multi Year Tariff (MYT) Control Period, including True up for FY 2015-16 as per MERC (Multi Year Tariff) Regulations, 2011, True up for FY 2016-17, Provisional True-up for FY 2017-18, and approval of revised ARR and Tariff for FY 2018-19 and FY 2019-20 as per MERC (Multi Year Tariff) Regulations, 2015 and its Amendments, in Case No. 69 of 2018, before the Maharashtra Electricity Regulatory Commission (MERC) under Sections 61 and 62 of the Electricity Act, 2003 (Act) and Regulation 8 of the Maharashtra Electricity Regulatory Commission (Multi Year Tariff) Regulations, 2015. The Commission has admitted the Petition on 4 July, 2018 and directed Tata Power-D to publish a Public Notice under Section 64(2) of the Act.

**Truing-up for FY 2015-16 and FY 2016-17**

2. The summary of combined ARR for Wires & Retail Supply Business for FY 2015-16 and FY 2016-17 based on audited values and comparison with the values approved by the Commission in the MYT Order, is shown below:

**Table 1: Aggregate Revenue Requirement of Tata Power-D (Rs. Crore)**

Sr.No.	Particulars	FY 2015-16		FY 2016-17	
		Approved in the MYT order (Provisional True-up)	Audited / Normative	Approved in the MYT order	Audited / Normative
1	Power Purchase Expenses	2545.36	2523.16	2241.14	1931.13
2	Operation and Maintenance Expenses	161.26	167.73	170.43	190.48
3	Depreciation	87.08	109.39	93.36	121.29
4	Interest on long-term loan capital	77.41	97.87	77.03	99.25
5	Interest on Working Capital	67.41	67.40	22.42	22.40
6	Interest on Consumer Security Deposits	13.20	12.69	12.42	18.80
7	Provisioning for bad & doubtful debts	0.00	6.89	0.00	-1.19
8	Other Expenses (DSM)	2.23	2.33	2.60	1.23
9	Income Tax	50.43	224.30	50.43	131.60
10	Transmission charges (intra-State)	262.50	262.50	217.44	215.85
11	MSLDC Fees & Charges	1.63	1.63	0.69	0.82
12	Contribution to contingency reserves	4.18	4.76	4.48	5.42
13	Share of Efficiency (Gain)/loss in O&M Expenses	-	12.65	0.00	7.88
15	<b>Total Revenue Expenses</b>	<b>3272.66</b>	<b>3493.19</b>	<b>2892.44</b>	<b>2744.96</b>
16	Add: Return on Equity Capital	82.19	96.38	87.98	108.69
20	Add: Additional Returns due to wires/supply availability	-	2.76	-	-
17	<b>Aggregate Revenue Requirement</b>	<b>3354.86</b>	<b>3592.33</b>	<b>2980.43</b>	<b>2853.65</b>
18	Less: Non-Tariff Income	41.22	24.93	34.48	8.98
19	Less: CSS recovered	4.75	5.28	0.00	34.32
21	Past recoveries	515.34	515.34	-20.88	-20.88
22	Revenue Gap/(Surplus) of previous years	1538.33	1538.33	-	-
23	<b>Net Aggregate Revenue Requirement</b>	<b>5362.56</b>	<b>5615.78</b>	<b>2925.07</b>	<b>2789.47</b>
24	Sales (MU)	5767.16	5795.38	4950.20	4477.04
25	<b>Average Cost of Supply (Rs/kWh)</b>	<b>9.30</b>	<b>9.69</b>	<b>5.91</b>	<b>6.23</b>

1. The category-wise actual energy sales, including direct sales and change-over sales, for FY 2015-16 and FY 2016-17, along with the values approved by the Commission in the MYT Order is as shown in the table below:

**Table 2: Energy Sales in FY 2015-16**

MUs

Consumer Categories	Approved in the MYT Tariff Order			Actual For FY 2015-16		
	Direct	Change over	Total	Direct	Change over	Total
<b>HT Category</b>	-	-	-	-	-	-
HT I - Industry	1,165.26	9.00	1,174.26	1,165.12	9.00	1,174.12
HT II - Commercial	619.92	11.09	631.01	619.84	11.09	630.93
HT III - Group Housing Society	0.32	3.25	3.57	0.32	3.25	3.57
HT IV - Temporary Supply	8.53	-	8.53	8.52	-	8.52
<b>HT V(A) - Railways</b>	<b>779.02</b>	<b>-</b>	<b>779.02</b>	<b>779.03</b>	<b>-</b>	<b>779.03</b>
22/33 KV	298.26	-	298.26	298.03	-	298.03
100 KV	480.76	-	480.76	-	-	-
<b>HT V(B) - Railways Metro &amp; Monorail</b>	<b>6.07</b>	<b>-</b>	<b>6.07</b>	<b>6.06</b>	<b>-</b>	<b>6.06</b>
<b>HT VI - Public Services</b>	<b>220.61</b>	<b>0.01</b>	<b>220.62</b>	<b>220.65</b>	<b>0.01</b>	<b>220.66</b>
HT VI(A) - Publ Serv Govt Hosp & Edu Inst	37.32	-	37.32	58.91	0.00	58.91
HT VI(B) - Public Services Others	183.29	0.01	183.30	161.74	0.01	161.75
<b>Sub-total</b>	<b>2,799.72</b>	<b>23.36</b>	<b>2,823.08</b>	<b>2,799.53</b>	<b>23.36</b>	<b>2,822.88</b>
<b>LT Category</b>	-	-	-	-	-	-
<b>LT I - Residential (BPL)</b>	<b>0.01</b>	<b>0.01</b>	<b>0.02</b>	<b>0.02</b>	<b>0.03</b>	<b>0.05</b>
LT I - Residential	234.66	1,712.44	1,947.10	234.42	1,710.04	1,944.46
0-100	52.36	533.50	585.86	58.73	608.82	667.55
101-300	68.92	673.74	742.66	70.12	686.47	756.59
301-500	34.74	231.04	265.78	30.20	203.83	234.03
501 and above	78.65	274.16	352.81	75.38	210.92	286.29
<b>LT II - Commercial</b>	<b>325.80</b>	<b>364.22</b>	<b>690.02</b>	<b>325.96</b>	<b>364.24</b>	<b>690.20</b>
LT II(A) - Commercial upto 20 kW	45.30	219.75	265.05	45.40	219.75	265.15
LT II(B) - Commercial 20 to 50 kW	40.53	40.25	80.78	40.58	40.26	80.83
LT II(C) - Commercial > 50 kW	240.34	104.22	344.56	239.99	104.23	344.22
<b>LT III - Industrial upto 20 kW</b>	<b>25.68</b>	<b>46.35</b>	<b>72.03</b>	<b>25.57</b>	<b>46.36</b>	<b>71.93</b>
<b>LT IV - Industrial &gt; 20 kW</b>	<b>157.65</b>	<b>47.78</b>	<b>205.43</b>	<b>157.89</b>	<b>47.79</b>	<b>205.68</b>
<b>LT V - Advertisement &amp; Hoardings</b>	<b>0.04</b>	<b>0.01</b>	<b>0.05</b>	<b>0.04</b>	<b>0.01</b>	<b>0.06</b>
<b>LT VI - Streetlights</b>	<b>0.57</b>	<b>-</b>	<b>0.57</b>	<b>0.56</b>	<b>-</b>	<b>0.56</b>
<b>LT VII - Temporary Supply</b>	<b>19.19</b>	<b>0.02</b>	<b>19.21</b>	<b>19.19</b>	<b>0.02</b>	<b>19.21</b>
LT VII(A) - Temporary Religious	0.08	-	0.08	0.08	-	0.08
LT VII(B) - Temporary Others	18.88	0.02	18.90	19.11	0.02	19.13
<b>LT VIII - Crematoriums &amp; Burial Grounds</b>	<b>-</b>	<b>0.35</b>	<b>0.35</b>	<b>-</b>	<b>0.35</b>	<b>0.35</b>
<b>LT IX - Public Services</b>	<b>13.92</b>	<b>8.51</b>	<b>22.43</b>	<b>13.92</b>	<b>8.51</b>	<b>22.43</b>
LT IX(A) - Publ Serv Govt Hosp&Edu Inst	0.33	0.23	0.56	0.33	0.23	0.57
LT IX(B) - Public Services Others	13.59	8.27	21.86	13.59	8.28	21.87
<b>Sub-total</b>	<b>777.53</b>	<b>2,179.70</b>	<b>2,957.23</b>	<b>777.59</b>	<b>2,177.34</b>	<b>2,954.93</b>
15 day adjustment	2.21	(15.36)	(13.15)	2.21	15.36	17.57
<b>Total</b>	<b>3,579.46</b>	<b>2,187.70</b>	<b>5,767.16</b>	<b>3,579.32</b>	<b>2,216.06</b>	<b>5,795.38</b>

**Table 3: Energy Sales in FY 2016-17**

MUs

Consumer Categories	Approved in the MYT Tariff Order			Actual For FY 2016-17		
	Direct	Change over	Total	Direct	Change over	Total
<b>HT Category</b>	-	-	-	-	-	-
HT I - Industry	850.44	8.94	859.38	864.06	1.22	865.28
HT II - Commercial	597.52	13.00	610.52	541.25	10.28	551.53
HT III - Group Housing Society	0.32	3.24	3.56	0.88	2.93	3.80
HT IV - PWV & Sewage Treatment Plants	67.76	-	67.76	35.43	-	35.43
<b>HT V(A) - Railways</b>	<b>156.55</b>	<b>-</b>	<b>156.55</b>	<b>-</b>	<b>-</b>	<b>-</b>
22/33 KV	-	-	-	36.41	-	36.41
100 KV	-	-	-	-	-	-
<b>HT V(B) - Railways Metro &amp; Monorail</b>	<b>6.19</b>	<b>-</b>	<b>6.19</b>	<b>3.66</b>	<b>-</b>	<b>3.66</b>
HT V - Railways/Metro/Monorail	-	-	-	34.51	-	34.51
<b>HT VI - Public Services</b>	<b>184.32</b>	<b>-</b>	<b>184.32</b>	<b>135.22</b>	<b>-</b>	<b>135.22</b>
HT VI(A) - Publ Serv Govt Hosp&Edu Inst	45.32	-	45.32	10.87	-	10.87
HT VI(B) - Public Services Others	139.00	-	139.00	124.36	-	124.36
HT VII - Temporary Supply	9.28	-	9.28	11.80	-	11.80
<b>Sub-total</b>	<b>1,872.38</b>	<b>25.18</b>	<b>1,897.56</b>	<b>1,663.22</b>	<b>14.43</b>	<b>1,677.65</b>
<b>LT Category</b>	-	-	-	-	-	-
<b>LT I - Residential (BPL)</b>	<b>0.01</b>	<b>0.01</b>	<b>0.02</b>	<b>0.01</b>	<b>0.01</b>	<b>0.02</b>
LT I - Residential	251.18	1,779.42	2,030.60	260.59	1,608.86	1,869.45
0-100	63.08	672.99	736.07	72.29	616.60	688.90
101-300	75.10	716.78	791.88	80.11	654.52	734.63
301-500	32.28	193.61	225.89	31.12	171.70	202.82
501 and above	80.71	196.04	276.75	77.06	166.04	243.10
<b>LT II - Commercial</b>	<b>345.22</b>	<b>364.13</b>	<b>709.35</b>	<b>347.11</b>	<b>285.45</b>	<b>632.56</b>
LT II(A) - Commercial upto 20 kW	52.07	216.23	268.30	50.24	173.19	223.43
LT II(B) - Commercial 20 to 50 kW	45.83	38.68	84.51	46.50	34.27	80.77
LT II(C) - Commercial > 50 kW	247.32	109.22	356.54	250.37	77.99	328.36
<b>LT III - Industrial upto 20 kW</b>	<b>26.76</b>	<b>42.69</b>	<b>69.45</b>	<b>23.93</b>	<b>39.61</b>	<b>63.54</b>
<b>LT IV - Industrial &gt; 20 kW</b>	<b>160.39</b>	<b>46.92</b>	<b>207.31</b>	<b>163.75</b>	<b>26.38</b>	<b>190.14</b>
<b>LT V - Advertisement &amp; Hoardings</b>	<b>0.04</b>	<b>0.01</b>	<b>0.05</b>	<b>0.05</b>	<b>0.01</b>	<b>0.06</b>
<b>LT VI - Streetlights</b>	<b>0.57</b>	<b>-</b>	<b>0.57</b>	<b>0.74</b>	<b>-</b>	<b>0.74</b>

Consumer Categories	Approved in the MYT T.O.			Actual For FY 2016-17		
	Direct	Change over	Total	Direct	Change over	Total
<b>LT VII - Temporary Supply</b>	<b>20.00</b>	<b>-</b>	<b>20.00</b>	<b>21.97</b>	<b>0.08</b>	<b>22.05</b>
LT VII(A) - Temporary Religious	0.08	-	0.08	0.07	-	0.07
LT VII(B) - Temporary Others	19.92	0.02	19.94	21.89	0.08	21.98
<b>LT VIII - Crematoriums &amp; Burial Grounds</b>	<b>-</b>	<b>0.33</b>	<b>0.33</b>	<b>-</b>	<b>0.33</b>	<b>0.33</b>
<b>LT IX - Public Services</b>	<b>14.83</b>	<b>-</b>	<b>14.83</b>	<b>14.39</b>	<b>6.99</b>	<b>21.37</b>
LT IX(A) - Publ Serv Govt Hosp&Edu Inst	0.14	-	0.14	0.84	0.99	1.83
LT IX(B) - Public Services Others	14.69	0.08	14.77	13.55	6.00	19.54
<b>Sub-total</b>	<b>819.02</b>	<b>2,233.62</b>	<b>3,052.64</b>	<b>832.53</b>	<b>1,967.74</b>	<b>2,800.27</b>
15 day	-	-	-	-	-	-
<b>Total</b>	<b>2,691.40</b>	<b>2,258.80</b>	<b>4,950.20</b>	<b>2,497.03</b>	<b>1,979.26</b>	<b>4,477.04</b>

**4. Table 4: Revenue including OA Revenue in FY 2015-16 (Rs. Crore)**

**Table 6: Revenue including revenue from OA consumer FY 2016-17 (Rs. Crore)**

Category	FY 2015-16		Category	Approved in MERC Multi Year Tariff Order for TPC-D for FY 2016-17 to FY 2019-20	Actual Revenue w/o RAC
	Approved in MERC Mid-Term Review Order for TPC-D for FY 2012-13 to FY 2015-16	Actual including RAC			
<b>HT CUSTOMERS</b>			<b>HT CUSTOMERS</b>		
<b>HT I - Industry</b>	<b>1427.05</b>	<b>1050.73</b>	<b>HT I - Industry</b>	<b>608.43</b>	<b>732.26</b>
<b>HT II - Commercial</b>	<b>635.41</b>	<b>564.15</b>	<b>HT II - Commercial</b>	<b>480.88</b>	<b>449.14</b>
<b>HT III - Group Housing Society</b>	<b>5.51</b>	<b>2.97</b>	<b>HT III - Group Housing Society</b>	<b>2.14</b>	<b>2.71</b>
<b>HT IV - Temporary Supply</b>	<b>12.62</b>	<b>10.86</b>	<b>HT IV - PWV &amp; Sewage Treatment Plants</b>	<b>42.94</b>	<b>10.23</b>
<b>HT V(A) - Railways</b>	<b>872.59</b>	<b>0.00</b>	<b>HT V(A) - Railways - 22/33 kV</b>	<b>103.93</b>	<b>47.82</b>
<b>- 22/33 kV</b>	<b>284.96</b>	<b>665.28</b>	<b>HT V - Railways/Metro/Monorail</b>	<b>4.02</b>	<b>5.05</b>
<b>100 kV</b>	<b>587.63</b>	<b>-</b>	<b>HT VI - Public Services</b>	<b>0.00</b>	<b>127.93</b>
<b>HT V(B) - Railways Metro &amp; Monorail</b>	<b>-</b>	<b>5.05</b>	<b>a) Govt. Edu. Inst. &amp; Hospitals</b>	<b>28.53</b>	<b>20.65</b>
<b>HT VI - Public Services</b>	<b>-</b>	<b>186.47</b>	<b>b) Others</b>	<b>101.71</b>	<b>107.27</b>
<b>a) Govt. Edu. Inst. &amp; Hospitals</b>	<b>0.40</b>	<b>54.33</b>	<b>HT VII - Temporary Supply</b>	<b>7.26</b>	<b>11.86</b>
<b>b) Others</b>	<b>214.94</b>	<b>132.15</b>	<b>LT CUSTOMERS</b>	<b>0.00</b>	<b>0.00</b>
<b>LT CUSTOMERS</b>	<b>-</b>	<b>1601.62</b>	<b>LT I - Residential (BPL)</b>	<b>0.00</b>	<b>0.01</b>
<b>LT I - Residential (BPL)</b>	<b>-</b>	<b>0.02</b>	<b>LT I - Residential</b>	<b>736.54</b>	<b>720.81</b>
<b>LT I - Residential</b>	<b>873.00</b>	<b>805.36</b>	<b>LT II - Commercial</b>	<b>-</b>	<b>-</b>
<b>LT II - Commercial</b>	<b>-</b>	<b>-</b>	<b>- Upto 20 kW</b>	<b>194.95</b>	<b>167.59</b>
<b>- Upto 20 kW</b>	<b>257.60</b>	<b>204.47</b>	<b>- &gt; 20 kW &amp; &lt; 50kW</b>	<b>64.20</b>	<b>57.87</b>
<b>- &gt; 20 kW &amp; &lt; 50kW</b>	<b>80.05</b>	<b>62.63</b>	<b>- &gt; 50kW</b>	<b>292.35</b>	<b>270.99</b>
<b>- &gt; 50kW</b>	<b>376.46</b>	<b>306.73</b>	<b>LT III(A) - Industry &lt; 20 kW</b>	<b>45.38</b>	<b>43.32</b>
<b>LT III - Industry &lt; 20 kW</b>	<b>59.16</b>	<b>51.38</b>	<b>LT III(B) - Industrial &gt; 20 kW</b>	<b>153.56</b>	<b>143.30</b>
<b>LT IV - Industry &gt; 20kW</b>	<b>207.41</b>	<b>170.55</b>	<b>LT V - Advertisement &amp; Hoardings, incl.floodlights &amp; neon signs</b>	<b>0.06</b>	<b>0.08</b>
<b>LT V - Advertisement &amp; Hoardings, incl.floodlights &amp; neon signs</b>	<b>0.07</b>	<b>0.10</b>	<b>LT VI - Streetlights</b>	<b>0.37</b>	<b>0.51</b>
<b>LT VI - Streetlights</b>	<b>0.04</b>	<b>0.40</b>	<b>LT VII - Temporary Supply</b>		

Particulars		Approved in MYT Tariff Order	Actuals
Sales to Changeover consumers after adjusting for OA wind	j	2258.80	1980.70
Wheeling Loss R-Infra D Network	k	0%	0%
Energy Requirement for Changeover consumers	l	2258.80	1980.70
Energy Sales at 110/132 kV level considered in the MYT Tariff Order	M	312.32	
Total Energy Requirement at T<>D	N	4974.72	4482.42
Transmission Loss	O	3.92%	3.62%
Total Energy Requirement at G<>T	P	5177.68	4650.94
Surplus Sale / (Purchase)	q		585.03
Total Energy Requirement at G<>T Interface	r	5177.68	5235.97

#### 6. Power Purchase Cost in FY 2015-16 & FY 2016-17

The actual source-wise power purchase quantum, cost and per unit rate for FY 2015-16 and FY 2016-17 along with the values approved by the Commission in the MYT Order is as shown in the table below:

**Table 11: Power Purchase Cost in FY 2015-16**

Power Purchase for FY 2015-16	Approved in the MYT Tariff Order			Tata Power-D Actual		
	MUs	Rs./kWh	Rs. Crores	MUs	Rs./kWh	Rs. Crores
Tata Power-G including generation from Unit 6 under MSLDC direction	3753.41	4.29	1611.47	3753.41	4.29	1611.20
Renewable Energy	349.43	6.61	231.09	350.62	6.62	232.07
Bilateral + UI	2146.02	2.85	611.36	1986.24	2.95	586.22
Sale outside Licence Area	-69.47	4.48	-31.15	-69.47	4.38	-30.43
Standby Charges			122.59			124.10
Transmission Charges			262.50			262.50
MSLDC Charges			1.63			1.63
<b>Total Power Purchase cost</b>	<b>6179.39</b>	<b>4.55</b>	<b>2809.49</b>	<b>6020.80</b>	<b>4.63</b>	<b>2787.29</b>

**Table 12: Power Purchase Cost in FY 2016-17**

Power Purchase for FY 2016-17	Approved in the MYT Tariff Order			Actual		
	MUs	Rs./kWh	Rs. Crores	MUs	Rs./kWh	Rs. Crores
Tata Power-G generation	3644.80	4.20	1529.33	3845.41	4.09	1573.48
RPO Purchase	369.61	6.32	233.57	356.11	6.20	220.84
Bilateral + UI Purchase+Standby Energy	1163.27	3.13	364.32	1034.45	2.72	281.22
Sale outside Licence Area				-585.03	4.45	-260.34
Standby Charges			113.93			115.93
Transmission Charges			217.44			215.85
MSLDC Charges			0.69			0.82
<b>Total Power Purchase cost</b>	<b>5177.68</b>	<b>4.75</b>	<b>2459.28</b>	<b>4650.94</b>	<b>4.62</b>	<b>2147.80</b>

#### 7. Table 13: Operational Parameters in FY 2015-16 & FY 2016-17

Sr.No.	Particulars	FY 2015-16		FY 2016-17	
		Approved in the MYT order (Provisional True-up)	Audited	Approved in the MYT order	Audited
1	Distribution Losses (%)	0.37%	0.44%	1.02%	0.45%
2	Collection efficiency (%)		100.15%		100.11%

#### 8. Table 14: Tata Power-D's Capital Expenditure and Capitalisation in FY 2015-16 & FY 2016-17 (Rs. Crore)

Sr.No.	Particulars	FY 2015-16		FY 2016-17	
		Approved in the MYT order (Provisional True-up)	Actual	Approved in the MYT order	Actual
1	Capital expenditure		259.39		144.39
2	Capitalisation	121.10	264.27	126.33	262.11

#### Provisional Truing-Up for FY 2017-18

**Table 15: Aggregate Revenue Requirement of Tata Power-D (Rs. Crore)**

Particulars	(Rs. Crores)	
	Approved MYT Tariff Order	Provisional Actual
Power Purchase Expenses including Standby Charges	2327.46	2155.87
Intra-State Transmission Charges	280.07	277.34
MSLDC Fees & Charges	0.91	0.90
O&M Expenses	175.48	200.11
Depreciation	99.70	134.19
Interest on Loan Capital	76.14	103.54
Interest on Working Capital	22.02	23.73
Interest on CSD	14.01	14.01
Provision for bad and doubtful debts	0.00	0.00
Contribution to contingency reserves	4.80	6.08
Income Tax	50.43	131.60
Others (DSM)	1.44	1.44
Share of Efficiency (Gain)/loss in O&M Expenses		
<b>Total Revenue Expenditure</b>	<b>3052.46</b>	<b>3048.82</b>
Add: Return on Equity Capital	93.90	120.19
<b>Aggregate Revenue Requirement</b>	<b>3146.36</b>	<b>3169.00</b>
Less: Non-Tariff Income	35.67	35.67
Less: Income from OA consumers		62.11
Add: Revenue Gap/(Surplus) of previous years	-19.10	-19.10
<b>Aggregate Revenue Requirement</b>	<b>3091.59</b>	<b>3052.12</b>

#### 9. Table 16: Provisional Actual Energy Sales in FY 2017-18

Consumer Categories	Approved in the MYT Tariff Order			Actual For FY 2017-18		
	Direct	Change over	Total	Direct	Change over	Total
<b>HT Category</b>	-	-	-	-	-	-
HT I – Industry	873.25	8.94	882.19	794.96	0.94	795.90
HT II – Commercial	619.92	13.00	632.92	529.03	8.19	537.23
HT III - Group Housing Society	0.32	3.24	3.56	3.76	-	3.76
HT IV - PWW & Sewage Treatment Plants				76.00	-	76.00
HT IV - Temporary Supply	10.18	-	10.18	17.23	-	17.23
HT V(A) - Railways	158.10	-	158.10			
22/33 KV				65.82	-	65.82
100 KV						
<b>HT V(B) - Railways Metro &amp; Monorail</b>	<b>6.38</b>	<b>-</b>	<b>6.38</b>	<b>6.96</b>	<b>-</b>	<b>6.96</b>
<b>HT VI - Public Services</b>						
-HT VI(A) - Publ Serv Govt Hosp&Edu Inst	43.94	-	43.94	12.01	-	12.01
HT VI(B) - Public Services Others	195.18	-	195.18	87.19	-	87.19
<b>Sub-total</b>	<b>1,907.27</b>	<b>25.18</b>	<b>1,932.45</b>	<b>1,592.97</b>	<b>9.14</b>	<b>1,602.10</b>
<b>LT Category</b>						
LT I - Residential (BPL)	0.01	0.01	0.02			-
LT I - Residential	268.81	1,853.37	2,122.18	308.74	1,594.94	1,903.68
0-100	67.73	700.96	768.69	84.80	614.66	699.46
101-300	80.44	746.57	827.01	92.82	664.00	756.82
301-500	34.50	201.65	236.15	37.38	176.47	213.85
501 and above	86.14	204.19	290.33	93.75	139.82	233.56
<b>LT II - Commercial</b>	<b>365.69</b>	<b>363.38</b>	<b>729.07</b>	<b>385.95</b>	<b>208.32</b>	<b>594.27</b>
LT II(A) - Commercial upto 20 kW	59.47	215.78	275.25	62.89	127.24	190.13
LT II(B) - Commercial 20 to 50 kW	51.76	38.60	90.36	56.50	29.13	85.63
LT II(C) - Commercial > 50 kW	254.46	109.00	363.46	266.56	51.95	318.51
LT III - Industrial upto 20 kW	27.89	42.60	70.49	22.73	22.94	45.67
LT IV - Industrial > 20 kW	163.21	46.83	210.04	175.75	14.97	190.72
LT V - Advertisement & Hoardings	0.04	0.01	0.05	0.06	0.02	0.07
LT VI - Streetlights	0.57	-	0.57	0.65	-	0.65
LT VII - Temporary Supply				26.65	0.03	26.68
LT VII(A) - Temporary Religious	0.08	-	0.08	0.02	-	0.02
LT VII(B) - Temporary Others	21.03	0.02	21.05	26.63	0.03	26.66
LT VIII - Crematoriums & Burial Grounds	-	0.33	0.33	-	0.31	0.31
LT IX - Public Services				18.90	6.32	25.22
LT IX(A) - Publ Serv Govt Hosp&Edu Inst	0.09	-	0.09	1.66	2.21	3.87
LT IX(B) - Public Services Others	15.71	0.08	15.79	17.24	4.11	21.35
LT IV - PWW & Sewage Treatment Plants				0.00		
<b>Sub-total</b>	<b>863.13</b>	<b>2,306.63</b>	<b>3,169.76</b>	<b>939.44</b>	<b>1,847.84</b>	<b>2,787.27</b>
15 day adjustment				0.53	(2.35)	
<b>Total</b>	<b>2,770.40</b>	<b>2,331.81</b>	<b>5,102.21</b>	<b>2,532.93</b>	<b>1,854.62</b>	<b>4,387.55</b>

#### 10. Table 17: Revenue in FY 2017-18 including revenue from OA(Rs. Crore)

Category	Revenue FY 2017-18	
	Approved in MYT Tariff Order	Provisional Actual w/o RAC
<b>HT Category</b>		
HT I – Industry	615.36	696.21
HT II – Commercial	479.57	457.78
HT III - Group Housing Society	2.16	2.75
HT IV - PWW & Sewage Treatment Plants	40.71	49.28
HT V(A) - Railways		0.00
22/33 KV	104.83	42.26
HT V(B) - Railways Metro & Monorail	4.15	4.53
HT VI - Public Services		0.00
HT VI(A) - Publ Serv Govt Hosp&Edu Inst	28.19	9.19
HT VI(B) - Public Services Others	113.56	97.58
HT VII - Temporary Supply	7.92	14.64
Sub-total		1374.23
		0.00
<b>LT Category</b>		
LT I - Residential (BPL)		0.00
LT I - Residential	878.99	835.75
LT II(A) - Commercial upto 20 kW	202.17	146.22
LT II(B) - Commercial 20 to 50 kW	68.15	65.85
LT II(C) - Commercial > 50 kW	304.63	283.39
LT III(A) - Industrial upto 20 kW	47.09	33.55
LT III(B) - Industrial > 20 kW	161.49	151.43
LT IV - PWW & Sewage Treatment Plants		0.00
LT V - Advertisement & Hoardings	0.06	0.08
LT VI - Streetlights	0.37	0.50
LT VII - Temporary Supply		0.00
LT VII(A) - Temporary Religious	0.04	0.01
LT VII(B) - Temporary Others	17.27	24.18
LT VIII - Crematoriums & Burial Grounds	0.14	0.13
LT IX - Public Services		
LT IX(A) - Publ Serv Govt Hosp&Edu Inst	0.06	16.54
LT IX(B) - Public Services Others	12.23	2.08
Sub-total		1559.72
15 days adjustment		1.37
Sub-Total		2935.32
Prompt Discount		-30.36
<b>Total</b>	<b>3088.15</b>	<b>2904.96</b>

#### 11. Table 18: Summary of Revenue for Tata Power-D FY 2017-18

Particulars		Provisional Actual
Total Revenue from Wheeling Charges (Direct + OA Consumers)	1	381.23
Revenue from sale of power	2	2461.63
Revenue from Operating Charges & CSS from OA Consumers	3	62.11
<b>Total Revenue</b>	<b>4=1 to 3</b>	<b>2904.96</b>
Revenue from RAC (Direct +OA)	55	17.45
<b>Total Revenue</b>	<b>6=4+5</b>	<b>3422.41</b>

#### 12. Table 19: Energy Balance in FY 2017-18

Particulars		MUs	
		Approved in MYT Tariff Order	Provisional Actual
Tata Power D-Sales (Retail) with 15 days Adjustments	a	2449.61	2532.93
Bill Credit given to OA consumers	b		817.21
<b>Total Sale</b>	<b>c=a+b</b>	<b>2449.61</b>	<b>3350.14</b>
Distribution Losses	d	1.02%	0.72%
ABT meter readings @ T <> D Interface	e		3374.41
OA Wind Credit @ T <>D Interface	f		820.77
Energy Requirement for Tata Power consumers at T<>D interface	g	2474.86	2553.64
Sales to Changeover consumers For FBSM Adjustment	h	2331.81	1833.40
Bill Credit given to OA consumers	i		
Sales to Changeover consumers after adjusting for OA wind	j	2331.81	1833.40
Wheeling Loss R-Infra D Network	k	0.00	0.00
Energy Requirement for Changeover consumers	l	2331.81	1833.40
Energy Sales at 110/132 kV level		320.79	284.97
Total Energy Requirement at T<>D	k	5127.46	4387.03
Transmission Loss	l	3.92%	3.30%
<b>Total Energy Requirement at G&lt;&gt;T</b>	<b>m</b>	<b>5336.66</b>	<b>4536.98</b>
Surplus Sale / (Purchase)	n		342.55
<b>Total Energy Requirement at G&lt;&gt;T Interface</b>	<b>p</b>	<b>5336.66</b>	<b>4879.52</b>

#### 13. Table 20: Power Purchase Cost in FY 2017-18

Power Purchase for FY 2017-18	Approved in the MYT Tariff Order			Provisional Actual		
	Mus	Rs/kWh	Rs Cr	Mus	Rs/kWh	Rs Cr
Power Purchase from Tata Power-G	3666.70	4.20	1539.52	3815.02	4.62	1762.26
RPO Purchase	369.61	5.55	204.99	319.74	5.60	179.00
REC procurement			56.49			33.30
Bilateral + UI Purchase	1300.34	3.13	407.25	740.49	2.94	217.80
OLA Sale				-342.55	4.60	-157.66
Standby Charges	-	-	119.21	4.27		121.16
Transmission Charges	-	-	280.07			277.34
MSLDC Charges	-	-	0.91			0.90
<b>Total Power Purchase cost</b>	<b>5336.65</b>	<b>4.89</b>	<b>2608.44</b>	<b>4536.98</b>	<b>5.37</b>	<b>2434.11</b>

#### 14. Table 21: Operational Parameters in FY 2017-18

Sr.No.	Particulars	FY 2017-18	
		Approved in the MYT order (Provisional True-up)	Provisional Actual
1	Distribution Losses (%)	1.02%	0.72%
2	Collection efficiency (%)		99.67%

#### 15. Table 22: Tata Power-D's Capital Expenditure and Capitalisation in FY 2017-18 (Rs. Crore)

**18. Table 24: Category-wise Sales Projections for FY 2018-19 and FY 2019-20**

(MU)

Consumer Categories	FY 2018-19		FY 2019-20	
	MYT Tariff order	Projection	MYT Tariff order	Projection
<b>HT CUSTOMERS</b>				
HT I - Industry	897	986	921	1,028
HT II - Commercial	620	571	620	590
HT III - Group Housing Society	0	5	0	7
HT IV - PWW & Sewage Treatment Plants		78		81
<b>HT V(A) - Railways</b>				
- 22/33 kV	160	70	161	70
- 100kV				
<b>HT V(B) - Railways Metro &amp; Monorail</b>	7	9	7	10
<b>HT VI - Public Services</b>				
a) Govt. Edu. Inst. & Hospitals	42	12	40	13
b) Others	207	126	219	133
HT VII - Temporary Supply	11	62	13	76
<b>HT CUSTOMERS TOTAL MUs</b>	<b>1,943</b>	<b>1,919</b>	<b>1,980</b>	<b>2,008</b>
<b>LT I - Residential (BPL)</b>	0.01	-	0.01	-
<b>LT I - Residential</b>	294	383	322	475
- S1 (0-100 units)	75	105	83	130
- S2 (101-300 units)	88	115	97	143
- S3 (> 301-500 Units)	38	46	41	57
- S4 (Above 500 units (balance units))	93	116	101	144
<b>LT II - Commercial</b>				
- Upto 20 kW	69	72	83	103
- > 20 kW & < 50kW	59	66	67	96
- > 50kW	263	286	272	327
LT III (A) - Industry < 20 kW	29	24	30	25
LT III (B)- Industry > 20kW	166	197	169	219
LT IV: LT-Public Water Works (PWW) and Sewage Treatment Plants				
LT V - Advertisement & Hoardings, incl.floodlights & neon signs	0.04	0	0.04	0
LT VI - Streetlights	0.57	1	0.57	1
<b>LT VII - Temporary Supply</b>				
- TSR - Temporary Supply Religious	0.09	0	0.09	0.04
- TSO - Temporary Supply Others	22	29	23	32
LT VIII - Crematoriums and Burial Grounds				
<b>LT IX - Public Services</b>				
a) Govt. Edu. Inst. & Hospitals	0.06	2	0.05	2
b) Others	17	18	18	19
LT X (A) Agriculture- Pump sets				
LT X (B) Agriculture- Others				
<b>LT CONSUMERS TOTAL MUs</b>	<b>920</b>	<b>1,078</b>	<b>985</b>	<b>1,299</b>
<b>Total</b>	<b>2,863</b>	<b>2,998</b>	<b>2,966</b>	<b>3,307</b>

**Table 25: Category-wise Changeover Sales Projections for FY 2018-19 and FY 2019-20**

(MU)

Consumer Categories	FY 2018-19		FY 2019-20	
	MYT Tariff order	Projection	MYT Tariff order	Projection
<b>HT CUSTOMERS</b>				
HT I - Industry	9	1	9	1
HT II - Commercial	13	11	13	11
HT III - Group Housing Society	3	-	3	-
HT IV - PWW & Sewage Treatment Plants				
<b>HT V(A) - Railways</b>				
- 22/33 kV	-	-	-	-
- 100kV	-	-	-	-
<b>HT V(B) - Railways Metro &amp; Monorail</b>	-	-	-	-
<b>HT VI - Public Services</b>				
a) Govt. Edu. Inst. & Hospitals	-	-	-	-
b) Others	-	-	-	-
HT VII - Temporary Supply	-	-	-	-
<b>HT CUSTOMERS TOTAL MUs</b>	<b>25</b>	<b>12</b>	<b>25</b>	<b>12</b>
<b>LT I - Residential (BPL)</b>	0	-	-	-
<b>LT I - Residential</b>	1,930	1,625	2,010	1,632
- S1 (0-100 units)	730	615	760	617
- S2 (101-300 units)	778	655	810	658
- S3 (> 301-500 Units)	210	177	219	178
- S4 (Above 500 units (balance units))	213	179	221	180
<b>LT II - Commercial</b>				
- Upto 20 kW	215	98	215	76
- > 20 kW & < 50kW	39	24	38	20
- > 50kW	109	37	109	26
LT III (A) - Industry < 20 kW	43	17	42	13
LT III (B)- Industry > 20kW	47	8	47	5
LT IV: LT-Public Water Works (PWW) and Sewage Treatment Plants				
LT V - Advertisement & Hoardings, incl.floodlights & neon signs	0	0	0	0
LT VI - Streetlights	-	-	-	-
<b>LT VII - Temporary Supply</b>				
- TSR - Temporary Supply Religious	-	-	-	-
- TSO - Temporary Supply Others	0	0	0	0
LT VIII - Crematoriums and Burial Grounds	0	0	0	0
<b>LT IX - Public Services</b>				
a) Govt. Edu. Inst. & Hospitals	-	2	-	1
b) Others	0	3	0	2
LT X (A) Agriculture- Pump sets				
LT X (B) Agriculture- Others				
<b>LT CONSUMERS TOTAL MUs</b>	<b>2,383</b>	<b>1,814</b>	<b>2,462</b>	<b>1,775</b>
<b>Total</b>	<b>2,408</b>	<b>1,826</b>	<b>2,487</b>	<b>1,787</b>

**19. Projected Revenue for FY 2018-19 and FY 2019-20 (Rs. Crore)****Table 26: Revenue for FY2018-19 (Rs. Crore)**

	Approved	Proposed
<b>HT CUSTOMERS</b>		
HT I-Industry	653.61	856.97
HT II-Commercial	495.06	456.80
HT III-Group Housing Society (Residential)	2.32	3.18
HT VII- Temporary Supply	9.01	45.27
HT V(A)- Railways		
-22/33 kV	109.71	46.59
-100 kV		
HT V(B)-Metro & Monorail	4.43	5.58
HT VI-Public Services		
a) Govt.Edu.Inst.& Hospitals	27.59	9.02
b) Others	128.48	116.82
HT IV- PWW	39.52	56.02
<b>LT CUSTOMERS</b>		
LT I(A)- Residential(BPL)		0.00
LT I(B)- Residential	1,007.65	-
LT II- Commercial		
(A)- Upto 20 kW	216.76	133.69
(B)->20 kW&<50 kW	72.44	70.61
(C)->50 kW	297.69	269.15
LT III(A)- Industry<20kW	47.26	28.91
LT III(B)- Industry>20kW	155.76	161.51
LT V-Advertisement & Hoardings, incl.floodlights & neon signs	0.05	0.07
LT VI-Streetlights	0.36	0.56
LT VII-Temporary Supply		
-TSR-Temporary Supply Religious	0.04	0.02
-TSO-Temporary Supply Others	17.31	22.95
LT VIII-Crematoriums and Burial Grounds	0.15	0.08
LT IX- Public Services		
a)Govt. Edu. Inst. & Hospitals	0.04	1.69
b)Others	12.94	16.12
LT IV- PWW		
LT XI-EV Charging Stations		
<b>Total</b>	<b>3,298</b>	<b>3,182.95</b>

**Table 27: Summary of Revenue for Tata Power-D FY 2018-19**

Particular		Actual
Total Revenue from Wheeling Charges (Direct + OA Consumers)	1	506.89
Revenue from sale of power	2	2589.66
Revenue from Operating Charges & CSS from OA Consumers	3	86.40
<b>Total Revenue</b>	<b>4=1 to 3</b>	<b>3182.95</b>
Revenue from RAC (Direct +OA)	5	498.35
<b>Total Revenue</b>	<b>6=4+5</b>	<b>3681.31</b>

**Table 28: Revenue for FY2019-20 Rs Crores**

Consumer Category	Approved	Proposed
<b>HT CUSTOMERS</b>		
HT I-Industry	654	1062
HT II-Commercial	473	561
HT III-Group Housing Society	2	6
HT VII- Temporary Supply	10	67
HT V(A)- Railways	107	
-22/33 kV	107	55
-100 kV		
HT V(B)-Metro & Monorail	4	8
HT VI-Public Services		
a) Govt.Edu.Inst.& Hospitals	27	11
b) Others	135	146
HT IV- PWW	35	64
<b>LT CUSTOMERS</b>		
LT I(A)- Residential(BPL)		
LT I(B)- Residential	1058	
LT II- Commercial		
(A)- Upto 20 kW	204	175
(B)->20 kW&<50 kW	71	108
(C)->50 kW	281	344
LT III(A)- Industry<20kW	42	33
LT III(B)- Industry>20kW	138	205
LT V-Advertisement & Hoardings, incl.floodlights & neon signs	0	0
LT VI-Streetlights	0	1
LT VII-Temporary Supply		
-TSR-Temporary Supply Religious	0	0
-TSO-Temporary Supply Others	17	30
LT VIII-Crematoriums and Burial Grounds	0	0
LT IX- Public Services		
a)Govt. Edu. Inst. & Hospitals	0	2
b)Others	12	19
LT IV- PWW		
LT XI-EV Charging Stations		
<b>Total</b>	<b>3,271</b>	<b>4043</b>

**Table 29: Summary of Revenue for Tata Power-D FY 2019-20**

Particular		Actual
Total Revenue from Wheeling Charges (Direct + OA Consumers)	1	567.58
Revenue from sale of power	2	3364.86
Revenue from Operating Charges & CSS from OA Consumers	3	110.76
<b>Total Revenue</b>	<b>4=1 to 3</b>	<b>4043.21</b>
Revenue from RAC (Direct +OA)	5	0.00
<b>Total Revenue</b>	<b>6=4+5</b>	<b>4043.21</b>

**20. Table 30: Projected Energy Balance for FY 2018-19 and FY 2019-20**

Particulars	FY 2018-19		FY 2019-20	
	MYT Tariff order	Projected	MYT Tariff order	Projected
Direct Sales (Mus)	2541.77	2997.55	2644.43	3306.77
Distribution Loss (%)	1.02%	1.02%	1.02%	1.02%
Energy requirement @ T<>D interface (Mus)	2567.96	3028.44	2671.68	3340.85
Energy requirement for Change-over consumers (Mus)	2407.92	1826.17	2486.97	1786.86
Energy Sales at 110/132 kV level (Mus)	321.47	343.53	321.58	359.29
Energy requirement at T<>D (Mus)	5297.35	4854.61	5480.23	5127.71
Transmission Loss (%)	3.92%	3.92%	3.92%	3.92%
<b>Energy requirement at G&lt;&gt;T (Mus)</b>	<b>5513.48</b>	<b>5052.68</b>	<b>5703.82</b>	<b>5336.91</b>
Sale/(Purchase) to Imbalance Pool (Mus)		0.00		0.00
Sale Outside Licence Area (Mus)		0.00		0.00
<b>Energy requirement at INSTS (Mus)</b>	<b>5513.48</b>	<b>5052.68</b>	<b>5703.82</b>	<b>5336.91</b>

**21. Table 31: Projected Power Purchase Cost for FY 2018-19 (Rs. Crore)**

Particulars	FY 2018-19					
	MYT Tariff Order			Projected		
	MU	Rs./kWh	Rs Crores	MU	Rs./kWh	Rs Crores
Tata Power-G	3668.63	4.02	1456.18	3543.86	4.17	1468.30
Non-Solar+ REC	322.21	4.99	160.69	444.64	5.09	226.34
Solar+REC	47.40	9.83	46.58	47.40	11.97	56.75
REC procurement	-	-	79.12			
Bilateral Power Purchase	1525.24	3.13	477.68	1016.79	3.50	355.87
Standby Charges	-	-	124.63			82.22
Transmission Charges	-	-	325.00			214.41
SLDC Charges	-	-	0.96			0.63
<b>Total</b>	<b>5513.48</b>	<b>4.84</b>	<b>2670.84</b>	<b>5052.68</b>	<b>4.76</b>	<b>2404.52</b>

**Table 32: Projected Power Purchase Cost for FY 2019-20 (Rs. Crore)**

Particulars	FY 2019-20					
	MYT Tariff Order			Projected		
	MU	Rs./kWh	Rs Crores	MU	Rs./kWh	Rs Crores
Tata Power-G	3668.31	3.99	1465.42	3595.19	4.17	1498.48
Non-Solar+ REC	322.21	5.06	162.98	491.00	5.07	248.91
Solar+REC	47.40	9.83	46.58	49.43	6.22	92.92
REC procurement	-	-	103.34			
Bilateral Power Purchase	1665.90	3.13	521.74	1101.29	4.32	475.60
Standby Charges	-	-	130.18			76.22
Transmission Charges	-	-	339.93			198.50
SLDC Charges	-	-	1.00			0.59
<b>Total</b>	<b>5703.82</b>	<b>4.86</b>	<b>2771.17</b>	<b>5336.91</b>	<b>4.69</b>	<b>2591.21</b>

**22. Table 33: Projected Capital Expenditure and Capitalisation for the Distribution Business for the period from FY 2018-19 and FY 2019-20 (Rs. crore)**

Sr.No.	Particulars	FY 2018-19		FY 2019-20	
		Approved in the MYT order	Projections	Approved in the MYT order	Projections
1	Capital expenditure		285.50		240.21
2	Capitalisation	123.62	128.97	123.84	128.99

**Revenue Gap****23. Table 34: Revenue Gap for Wires Business (Rs. Crore)**

Sr.No.	Particulars	FY 2015-16	FY 2016-17	FY 2017-18
1	ARR for Wires Business	183.17	386.37	410.17
2	Less: Revenue from Wheeling Charges from Changeover Consumers	0.00	0.00	0.00
3	<b>Net ARR for Wires Business</b>	<b>183.10</b>	<b>386.37</b>	<b>410.17</b>
4	Revenue from Wheeling Charges from Own Consumers	211.61	239.56	381.23
5	<b>Revenue Gap / (Surplus)</b>	<b>-28.44</b>	<b>146.81</b>	<b>28.95</b>

**24. Table 35: Revenue Gap for Retail Supply Business (Rs. Crore)**

Sr.No.	Particulars	FY 2015-16	FY 2016-17	FY 2017-18
1	ARR for Retail Business	5437.89	2437.42	2704.06

**Table 41: % Change in Average Cost of Supply**

Particulars	Rs /kWh					
	MYT Tariff Order		MTR Petition		% Increase	
	FY 19	FY 20	FY 19	FY 20	FY 19	FY 20
<b>Average Cost of Supply</b>	<b>7.12</b>	<b>6.06</b>	<b>7.12</b>	<b>7.61</b>	<b>0%</b>	<b>7%</b>

**Tariff Proposal of Tata-Power-D**

**1. Tariff Philosophy**  
Tata Power-D has considered following imperatives while designing the Cross Subsidy Structure for the year FY 2018-19 & FY 2019-20  
i. Tata Power-D proposes to introduce kVAh billing instead of kWh billing from FY 2018-19 onwards. It is proposed to make the kVAh billing applicable to all consumers who are currently under the purview of Power Factor incentive / penalty scheme and have existing electronic meters suitable for kVAh recording. The kWh billing will continue for other consumers till their meters are replaced with suitable meters for kVAh recording. The base Power Factor for conversion of kWh tariff to kVAh tariff is proposed to be considered as 0.95, which is currently the base for deciding the Power Factor incentive.  
ii. There is a need for rebalancing of the tariffs for subsidized categories LT IA Residential S1-S2 such that although the tariffs would be kept lower than the other distribution licensees in the common license area, the direct tariffs would be brought at par with the changeover tariff. This would enable rationalization of the cross subsidy borne by the subsidizing consumers while at the same time creating a predictable and level playing field. While this rebalancing would result in slight increase in the tariff of S1 & S2 categories during FY 2018-19, it would be neutralized with a reduction in tariff during FY 2019-20.  
iii. There is a need for relook at the cross subsidy structure for subsidizing consumers such that the necessary critical base of such consumers is

created to break the vicious circle of eroding sales as described in the previous Section.  
iv. There is a need for alignment of the philosophy used by the Hon'ble Commission across all distribution licensees where by the tariff for Temporary Supply - Others (TSO) is converted to Commercial tariff on completion of one year of supply. This would ensure similar tariff structure across all licensees experienced by the consumers.  
v. Tata Power-D has proposed its CS structure based on the above approach. It has also considered the methodology used by the Hon'ble Commission in the MYT Tariff Order for determination of the cross subsidy by taking into account the sales and revenue from both direct and change-over consumers.  
**2. Proposed Consumer Categories**  
Tata Power-D considering the future demand has proposed a new category for Electric Vehicle Charging instead of clubbing under a different category. Further, the energy charges for the same has been kept lower than the charges for Industrial / commercial category.  
Name of the Tariff Category LT XI - EV Charging Stations  
This tariff will be applicable to all types of electric vehicle charging stations used for batteries of electric vehicles.  
**3. Tariff Proposal**  
Considering the tariff philosophy suggested above, revised tariff has been proposed. Comparison of existing and proposed tariff is shown in the table below:

**Table 42: Proposed Wheeling Charges for FY 2018-19 and FY 2019-20 (Rs./kWh)**

Sl.	Voltage-level	FY 2017-18 (Existing)	FY 2018-19 (Proposed)	FY 2019-20 (Proposed)
1	LT	0.87	1.08	1.09
2	HT	1.83	2.16	2.18

**Table 43: Proposed Retail Tariff for FY 2018-19**

Category	Fixed Charges (Rs./consumer/month)			Demand Charges (Rs./kVA/month)			Energy Charges (Rs./kWh)			Wheeling Charges (Rs./kWh)			RAC (Rs./kWh)			CSS (Rs./kWh)		
	Exist-ing	Propo-sed	% Increase Proposed	Exist-ing	Propo-sed	% Increase Proposed	Exist-ing	Propo-sed	% Increase Proposed	Exist-ing	Propo-sed	% Increase Proposed	Exist-ing	Propo-sed	% Increase Proposed	Exist-ing	Propo-sed	% Increase Proposed
	<b>HT CUSTOMERS</b>																	
HT I - Industry	0.00	0	0.00%	250	275	10.00%	6.50	5.59	-14.00%	0.88	1.08	23.07%	1.59	1.44	-9.39%	1.04	1.43	37.46%
HT II - Commercial	0.00	0	0.00%	250	275	10.00%	6.90	5.55	-19.57%	0.88	1.08	23.07%	1.69	1.43	-15.41%	1.14	1.40	23.40%
HT III - Group Housing Society (Residential)	0.00	0	0.00%	250	275	10.00%	5.80	4.82	-16.90%	0.88	1.08	23.07%	1.36	1.24	-8.55%	0.19	0.40	110.55%
HT VII - Temporary Supply	480.00	505	5.21%	0	0	0.00%	7.20	6.20	-13.89%	0.88	1.08	23.07%	1.76	1.59	-9.56%	1.07	1.16	8.51%
<b>HT V(A) - Railways</b>																		
- 22/33 kV	0.00	0	0.00%	250	275	10.00%	5.20	5.20	0.00%	0.88	1.08	23.07%	1.26	1.34	6.20%	0.31	0.53	71.83%
- 100kV																		
<b>HT V(B) - Metro &amp; Monorail</b>																		
HT V(B) - Metro & Monorail	0.00	0	0.00%	250	275	10.00%	5.20	4.98	-4.23%	0.88	1.08	23.07%	1.26	1.28	1.71%	0.48	0.48	0.25%
<b>HT VI - Public Services</b>																		
a) Govt. Edu. Inst. & Hospitals	0.00	0	0.00%	250	275	10.00%	5.50	4.70	-14.55%	0.88	1.08	23.07%	1.36	1.21	-11.21%	1.17	1.18	0.55%
b) Others	0.00	0	0.00%	250	275	10.00%	6.70	5.50	-17.91%	0.88	1.08	23.07%	1.64	1.41	-13.60%	0.92	1.31	42.71%
<b>HT IV - PWW</b>																		
HT IV - PWW	0.00	0	0.00%	250	275	10.00%	5.60	5.48	-2.23%	0.88	1.08	23.07%	1.39	1.41	1.65%	0.67	1.04	55.62%
<b>LT CUSTOMERS</b>																		
LT I (A) - Residential (BPL)	10.00	10	0.00%	0	0	0.00%	0.60	0.32	-46.67%	1.81	2.16	19.17%	0.15		-100.00%	-	-	
LT I (B) - Residential	0.00	0	0.00%	0	0	0.00%	0.00	0.00	0.00%	0.00	0.00	0.00%						
- S1 (0-100 units)	55.00	55	0.00%	0	0	0.00%	1.50	1.49	-0.67%	1.81	2.16	19.17%	0.30	0.38	26.79%	-	-	
- S2 (101-300 units)	85.00	110	29.41%	0	0	0.00%	3.80	3.75	-1.24%	1.81	2.16	19.17%	0.83	0.97	16.13%	-	-	
- S3 (> 301-500 Units)	85.00	110	29.41%	0	0	0.00%	6.90	5.90	-14.49%	1.81	2.16	19.17%	1.69	1.52	-10.08%	-	-	
- S4 (Above 500 units (balance units))	110.00	135	22.73%	0	0	0.00%	8.90	6.43	-27.75%	1.81	2.16	19.17%	2.19	1.65	-24.53%	0.34	-	-100.00%
<b>LT II - Commercial</b>																		
(A) - Upto 20 kW	300.00	325	8.33%	0	0	0.00%	6.20	6.30	1.61%	1.81	2.16	19.17%	1.56	1.62	3.76%	-	-	
(B) - > 20 kW & < 50kW	0.00	0	0.00%	250	275	10.00%	4.80	4.70	-2.08%	1.81	2.16	19.17%	1.23	1.21	-2.05%	0.00	0.37	-
(C) - > 50kW	0.00	0	0.00%	250	275	10.00%	5.90	5.30	-10.17%	1.81	2.16	19.17%	1.59	1.36	-14.09%	0.59	1.00	68.83%
LT III (A) - Industry < 20 kW	300.00	325	8.33%	0	0	0.00%	5.80	5.55	-4.31%	1.81	2.16	19.17%	1.49	1.43	-3.94%	-	-	
LT III (B) - Industry > 20kW	0.00	0	0.00%	250	275	10.00%	5.20	4.95	-4.81%	1.81	2.16	19.17%	1.41	1.27	-9.74%	-	0.61	
LT V - Advertisement & Hoardings, incl.floodlights & neon signs	480.00	505	5.21%	0	0	0.00%	7.20	7.20	0.00%	1.81	2.16	19.17%	2.07	1.85	-10.34%	2.03	2.03	0.03%
LT VI - Streetlights	0.00	0	0.00%	250	275	10.00%	4.55	4.25	-6.59%	1.81	2.16	19.17%	1.21	1.09	-9.59%	-	-	
<b>LT VII - Temporary Supply</b>																		
- TSR - Temporary Supply Religious	250.00	275	10.00%	0	0	0.00%	3.30	3.00	-9.09%	1.81	2.16	19.17%	0.78	0.77	-1.18%	-	-	
- TSO - Temporary Supply Others	480.00	505	5.21%	0	0	0.00%	5.90	5.58	-5.51%	1.81	2.16	19.17%	1.59	1.43	-9.64%	0.96	0.65	-31.96%
LT VIII - Crematoriums and Burial Grounds	250.00	275	10.00%	0	0	0.00%	4.35	4.04	-7.13%	1.81	2.16	19.17%	1.03	1.04	0.62%	-	-	
<b>LT IX - Public Services</b>																		
a) Govt. Edu. Inst. & Hospitals	300.00	325	8.33%	0	0	0.00%	3.85	3.85	0.00%	1.81	2.16	19.17%	1.08	0.99	-8.57%			
b) Others	300.00	325	8.33%	0	0	0.00%	6.00	5.65	-5.83%	1.81	2.16	19.17%	1.52	1.45	-4.64%	0.23	0.27	15.96%
<b>LT IV - PWW</b>																		
LT IV - PWW	0.00	0	0.00%	250	275	10.00%	3.50	3.20	-8.57%	1.81	2.16	19.17%	0.95	0.82	-13.35%			
<b>LT XI - EV Charging Stations</b>																		
LT XI - EV Charging Stations	0.00	110	0.00%	0	0	0.00%	3.00	0.00%		2.16	0.00%	0.77						

**Table 44: Proposed Retail Tariff for FY 2019-20**

Category	Fixed Charges (Rs./consumer/month)			Demand Charges (Rs./kVA/month)			Energy Charges (Rs./kWh)			Wheeling Charges (Rs./kWh)		
	Exist-ing	Propo-sed	% Increase Proposed	Exist-ing	Propo-sed	% Increase Proposed	Exist-ing	Propo-sed	% Increase Proposed	Exist-ing	Propo-sed	% Increase Proposed
	<b>HT CUSTOMERS</b>											
HT I - Industry				260	285	9.62%	6.25	7.06	12.96%	0.92	1.09	18.03%
HT II - Commercial				260	285	9.62%	6.45	6.96	7.91%	0.92	1.09	18.03%
HT III - Group Housing Society (Residential)				260	285	9.62%	5.1	6.26	22.75%	0.92	1.09	18.03%
HT VII - Temporary Supply	490	515	5.10%				6.9	7.79	12.90%	0.92	1.09	18.03%
<b>HT V(A) - Railways</b>												
- 22/33 kV				260	285	9.62%	4.9	6.45	31.63%	0.92	1.09	18.03%
- 100kV												
<b>HT V(B) - Metro &amp; Monorail</b>												
HT V(B) - Metro & Monorail				260	285	9.62%	4.9	6.24	27.35%	0.92	1.09	18.03%
<b>HT VI - Public Services</b>												
a) Govt. Edu. Inst. & Hospitals				260	285	9.62%	5.5	5.75	4.55%	0.92	1.09	18.03%
b) Others				260	285	9.62%	6.4	6.92	8.12%	0.92	1.09	18.03%
<b>HT IV - PWW</b>												
HT IV - PWW				260	285	9.62%	5	6.86	37.20%	0.92	1.09	18.03%
<b>LT CUSTOMERS</b>												
LT I (A) - Residential (BPL)	10	10	0.00%				0.55	0.37	-32.73%	1.86	2.18	16.83%
LT I (B) - Residential												
- S1 (0-100 units)	55	55	0.00%				1.5	1.98	32.00%	1.86	2.18	16.83%
- S2 (101-300 units)	85	85	0.00%				3.9	4.90	25.64%	1.86	2.18	16.83%
- S3 (> 301-500 Units)	85	110	29.41%				6.9	7.33	6.22%	1.86	2.18	16.83%
- S4 (Above 500 units (balance units))	110	135	22.73%				8.5	8.00	-5.88%	1.86	2.18	16.83%
<b>LT II - Commercial</b>												
(A) - Upto 20 kW	310	335	8.06%				5.1	7.80	52.94%	1.86	2.18	16.83%
(B) - > 20 kW & < 50kW				260	285	9.62%	4	5.85	46.25%	1.86	2.18	16.83%
(C) - > 50kW				260	285	9.62%	5.2	6.57	26.38%	1.86	2.18	16.83%
LT III (A) - Industry < 20 kW	310	335	8.06%				4.95	6.87	38.79%	1.86	2.18	16.83%
LT III (B) - Industry > 20kW				260	285	9.62%	4.2	6.30	50.00%	1.86	2.18	16.83%
LT V - Advertisement & Hoardings, incl.floodlights & neon signs	490	515	5.10%				6.45	9.02	39.84%	1.86	2.18	16.83%
LT VI - Streetlights				260	285	9.62%	4.45	5.31	19.33%	1.86	2.18	16.83%
<b>LT VII - Temporary Supply</b>												
- TSR - Temporary Supply Religious	260	285	9.62%				3.3	3.75	13.64%	1.86	2.18	16.83%
- TSO - Temporary Supply Others	490	515	5.10%				5.45	6.98	28.0			