

## Meghalaya Power Distribution Corporation Limited (MePDCL)

### Jinmana U'iatani

MePDCL, Hon'ble Commission-ni ge'etgimin gita aro Section 64 (2), Electricity Act 2003, MSERC-ni Regulation 18 (Terms and Conditions for Determination of Tariff ba tariff-ko tariani dongimin niamrang) 2011 aro MSERC-ni Regulation 15 ( Conduct of Business ba pala simani niam) Regulation 2006-o pangchake, Bilsa 2014-15 –niko namdapate ra'gatna, Bilsa 2015-16-niko nigrike ra'chakani aro Bilsa 2017-18-niko bilsini bijangchio nipiltaie niani aro Tariff and Open Access Charges ko ra.chakanio, iachi jinmana see parakatenga.

Iako janape mol'molani bidingo, bijoliko jakkalgiaparangoni, government departmentrangoni ba jeba bak rengsi nangpagiprangoni maiba jeani, namgipa ku'patiani ba agananirang dongode on'atna man'gen. Nang'ni aganpaaniko English-chi seenba, chu'gimik bimung, postal address aro e-mail address dongode janapenba, **Secretary, Meghalaya State Electricity Regulatory Commission**-na ka'mao mesokatenggipa address-ona iako parakatani sal 30 (kolatchi) ba una skang watatna man'gen ba [secy.mserec-meg@nic.in](mailto:secy.mserec-meg@nic.in) ona mail ka'atna man'gen.

New Administrative Building, 1st Floor Left Wing,  
Lower Lachumiere, Shillong-793001,  
East Khasi Hills District, Meghalaya.

Apsankon mesokatenggipa address-ona watatode nambegen:-

**Superintending Engineer (R-O)**

**Office of the Director (Distribution), MePDCL Lum Jingshai, Shillong-793001.**

1. The salient features of the Petition are as follows–

#### Aggregate Revenue requirement and Revenue Gap / (Surplus) for FY 2014-15 (INR Crore)

Particulars	MSERC Approved vide TO dated 12.04.2014	MePDCL Actuals	Loss/ (Gain)	Gain to be retained by MePDCL	Deposit in Contingency Reserve	Net Loss/ (Gain) to be passed on to consumers
Power Purchase Cost	554.50	578.02	23.52	-	-	23.52
Cost to meet RPO Obligations	3.86	-	(3.86)	-	-	(3.86)
Transmission Charges (PGCIL)	61.82	64.78	2.96	-	-	2.96
Transmission Charges (MePTCL)	72.79	72.72	(0.07)	-	-	(0.07)
Employee Expenses	111.00	108.15	(2.85)	1.00	0.85	(1.00)
Repair & Maintenance Expenses	8.41	6.18	(2.23)	0.78	0.67	(0.78)
Administration & General Expenses	7.62	10.60	2.98	-	-	2.98
Depreciation	4.37	10.19	5.82	-	-	5.82
Interest on Loan	12.40	26.03	13.63	-	-	13.63
Interest on Working Capital	23.03	24.26	1.23	-	-	3.52
Other Debits (Incl Provisions for Bad Debts)	0.15	(1.05)	(1.20)	-	-	(1.20)
Prior Period Charges /(Credits)	-	67.71	67.71	-	-	67.71

Particulars	MSERC Approved vide TO dated 12.04.2014	MePDCL Actuals	Loss/ (Gain)	Gain to be retained by MePDCL	Deposit in Contingency Reserve	Net Loss/ (Gain) to be passed on to consumers
Income Tax	-	-	-	-	-	-
<b>Net Revenue Expenditure</b>	<b>859.95</b>	<b>967.59</b>	<b>107.64</b>			
Add: Return on Equity Capital	9.43	111.13	101.70	-	-	101.70
<b>Aggregate Revenue Requirement</b>	<b>869.38</b>	<b>1,078.72</b>	<b>209.34</b>			
<i>Less: Non-Tariff Income</i>	40.00	74.10	(28.33)	9.92	8.50	-
<i>Less: Cross subsidy surcharge</i>	5.77					
<i>R.E. Subsidy</i>	20.00	19.43	0.57			0.57
<i>Subsidy for Payment of Power Purchase dues</i>		90.00	(90.00)			(90.00)
<i>Subsidies against loss on account of flood, fire cyclone etc</i>		0.73	(0.73)			(0.73)
<i>Revenue from sale of power outside state</i>	184.74	52.76	131.98			131.98
Revenue from Sale of Power within state	619.63	498.09	121.54	-	-	121.54
<b>Net Gap / (Surplus)</b>	<b>(0.76)</b>	<b>343.61</b>	<b>346.66</b>	<b>11.69</b>	<b>10.02</b>	<b>378.29</b>

Gap from True up of FY 2014-15 to be passed on to ARR of FY 2017-18 (INR Crore)

Particulars	Amount
Gap for FY 2014-15 after final True Up	378.29
Gap for FY 2014-15 approved in Provisional True Up	16.29
<b>Balance Gap / (Surplus)</b>	<b>362.00</b>

Gap from Provisional True up of FY 2015-16 to be passed on to ARR of FY 2017-18 (INR Crore)

Particulars	MePDCL Actuals	Approved in TO dated 31.03.2015	Loss/ (Gain)	Gain to be retained by MePDCL	Deposit in Contingency Reserve	Net Loss/ (Gain) to be passed on to consumers
Power Purchase Cost	531.82	539.78	(7.96)	-	-	(7.96)
Transmission Charges (PGCIL)	86.17	55.00	31.17	-	-	31.17

Particulars	MePDCL Actuals	Approved in TO dated 31.03.2015	Loss/ (Gain)	Gain to be retained by MePDCL	Deposit in Contingency Reserve	Net Loss/ (Gain) to be passed on to consumers
Transmission Charges (MePTCL)	78.12	78.12	-	-	-	-
Employee Expenses	124.18	83.00	41.18	-	-	41.18
Repair & Maintenance Expenses	3.67	5.77	(2.10)	0.74	0.63	(0.74)
Administration & General Expenses	8.10	55.00	(46.90)	16.42	14.07	(16.42)
Depreciation	10.30	4.88	5.42	-	-	5.42
Interest on Loan	34.19	12.44	21.75	-	-	21.75
Interest on Working Capital	23.36	17.35	6.01	-	-	6.01
Other Debits (Incl Provisions for Bad Debts)	(5.21)	3.00	(8.21)	2.87	2.46	(2.87)
Prior Period Charges /(Credits)	1.02	-	1.02	-	-	1.02
Income Tax	-	-	-	-	-	-
Return on Equity	112.81	9.43	103.38	-	-	103.38
<b>Total Revenue Requirement</b>	<b>1,008.54</b>	<b>863.77</b>				
Less: Non-Tariff Income		58.00				
Less: Cross subsidy surcharge	85.07	9.86	(17.21)	6.02	5.16	(6.02)
Less: R.E. Subsidy	14.53	17.50	2.97	-	-	2.97
Less: Subsidy against Power Purchase	6.33	-	(6.33)	-	-	(6.33)
Less: R.E. Subsidy Against Loss On Account Of Flood, Fire Cyclone etc.	2.35	-	(2.35)	-	-	(2.35)
Less: Revenue Grant for Other Expenditure	0.51	-	(0.51)	-	-	(0.51)
Less: Sale of Surplus Power	106.11	186.50	80.39	-	-	80.39
Less: Revenue from Sale of Power	553.26	618.00	64.74	-	-	64.74
<b>Net Gap / (Surplus)</b>	<b>240.37</b>	<b>(26.09)</b>	<b>266.46</b>	<b>26.05</b>	<b>22.33</b>	<b>314.84</b>

**Annual Revenue Requirement (ARR) for the Control Period 2015-18 (in INR Crore)**

Particulars	2015-16 (Actuals)	2016-17 (Estimated)	2017-18 (Projected)
Power Purchase Cost	613.92	745.92	1,203.16
Transmission Charges (PGCIL)	88.61	92.81	97.45
Transmission Charges (MePTCL)	170.34	181.08	219.51
Employee Expenses	124.18	136.78	174.62
Repair & Maintenance Expenses	3.67	3.86	4.05
Administration & General Expenses	8.10	8.50	8.93
Depreciation	10.30	12.76	14.47
Interest on Loan	12.69	19.43	13.08
Interest on Working Capital	23.31	29.26	40.69
Other Debits (Incl Provisions for Bad Debts)	(5.21)	-	-
Prior Period Charges /(Credits)	1.02	-	-

Income Tax	-	-	-
Return on Equity	112.81	114.58	115.70
<b>Gross Annual Revenue Requirement (ARR)</b>	<b>1,163.74</b>	<b>1,345.00</b>	<b>1,891.66</b>
Less: Non-Tariff Income	85.07	85.07	85.07
Less: R.E. Subsidy	14.53	21.07	23.18
Less: Subsidy against Power Purchase	6.33	-	-
Less: R.E. Subsidy Against Loss On Account Of Flood, Fire Cyclone Etc	2.35	-	-
Less: Revenue Grant for Other Expenditure	0.51	-	-
Less: Sale of Surplus Power	106.11	120.40	211.72
<b>Net ARR</b>	<b>948.84</b>	<b>1,118.46</b>	<b>1,571.70</b>

**Total Revenue requirement in FY 2017-18 (in INR Crore)**

Sl. No.	Particulars	Amount
1	Revised ARR of FY 2017-18	1,571.70
2	Add: Gap from True up of FY 2014-15 of MePDCL	362.00
3	Add: Gap from provisional True up of FY 2015-16 of MePDCL	314.84
4	Add: Gap from True up of FY 2014-15 of MePTCL	60.50
5	Add: Gap from provisional True up of FY 2015-16 of MePTCL	89.00
6	Add: Gap from True up of FY 2014-15 of MePGCL	29.51
7	Add: Gap from provisional True up of FY 2015-16 of MePGCL	114.50
8	<b>Total Revenue Requirement for FY 2017-18</b>	<b>2,542.05</b>

**Revenue Gap in FY 2017-18 (in INR Crore)**

Particulars	Amount
Total Revenue Requirement in FY 2017-18	2,542.05
Less: Projected Revenue at Existing Tariff Rates	641.20
<b>Projected Revenue Gap for FY 2017-18</b>	<b>1,900.85</b>

**Revenue Gap in FY 2017-18 with 25% tariff hike (in INR Crore)**

Particulars	Amount
Total Revenue Requirement in FY 2017-18	2,542.05
Less: Projected Revenue with 25% Tariff Hike	801.50
<b>Projected Revenue Gap for FY 2017-18 (to be treated as Regulatory Asset)</b>	<b>1,740.55</b>

**Tariff Rates proposed for various consumer categories in FY 2017-18**

Sl. No.	Category	Existing Tariff		Proposed Tariff	
		Fixed Charges (Rs./kW/month)	Energy Charges (Rs/kWh)	Fixed Charges (Rs./kW/month)	Energy Charges (Rs/kWh)
1	Kutir Jyoti (KJ)				
A	Unmetered (per connection)	110		140	
B	Metered		2.65		3.30

Sl. No.	Category	Existing Tariff		Proposed Tariff	
		Fixed Charges (Rs./kW/month)	Energy Charges (Rs/kWh)	Fixed Charges (Rs./kW/month)	Energy Charges (Rs/kWh)
2	Domestic (DLT)	50		65	
A	First 100 Units		3.15		3.95
B	Next 100 Units		3.75		4.70
C	Above 200 Units		5.00		6.25
3	Commercial (CLT)	100		125	
A	First 100 units		5.35		6.70
B	Above 100 units		6.75		8.45
4	Industrial (ILT)	100	5.45	125	6.80
6	Public Lighting (PL)	100	6.15	125	7.70
7	Fixed charges for Public Lighting (Unmetered)	Rs./Lamp/Point/Month			
	Types of Lamps				
A	Incandescent lamp				
I	40 W	120		150	
ii	60 W	180		225	
iii	100 W	290		365	
b	Fluorescent Lamp				
I	Up to 40 W	180		225	
C	Mercury Vapour Lamp				
I	80 W	265		330	
ii	125 W	370		465	
iii	250 W	785		980	
iv	500 W	1450		1815	
d	Sodium Vapour lamp				
I	Upto 150 W	570		715	
ii	250 W	880		1100	
iii	400 W	1460		1825	
E	CFL Fittings				
I	Up to 45 W	170		215	
li	Above 45 Up to 85 W	280		350	
F	LED Fittings	540		675	
G	Metal Halide	660		825	
8	Public Water supply/sewage treatment plant (WSLT)	100	6.15	125	7.70
9	General Purpose (GP)	100	6.15	125	7.70
10	Agriculture (AP)	60	2.50	75	3.15
11	Crematorium (Rs./Connection/Month)	6200	3.75	7750	4.70

Sl. No.	Category	Existing Tariff		Proposed Tariff	
		Fixed Charges (Rs./kW/month)	Energy Charges (Rs/kWh)	Fixed Charges (Rs./kW/month)	Energy Charges (Rs/kWh)
	<b>High Tension</b>	Rs/kVA/month	Rs/kWh	Rs/kVA/month	Rs/kWh
12	Domestic (DHT)	190	6.05	240	7.55
13	General Purpose/ Bulk Supply (BS)	190	5.65	240	7.05
		Rs/kVA/month	Rs/kVAh	Rs/kVA/month	Rs/kVAh
14	Commercial (CHT)	190	6.05	240	7.55
15	Industrial (IHT)	190	5.89	240	7.35
16	Public Water Supply (WSHT)	190	5.65	240	7.05
	<b>Extra High Tension</b>	Rs/kVA/month	Rs/kVAh	Rs/kVA/month	Rs/kVAh
17	Industrial EHT	190	5.65	240	7.05

**Proposed Open Access Charges for FY 2017-18**

Sr. No.	Particulars	Existing (Rs./kWh)	Proposed (Rs./kWh)
1	Distribution Wheeling Charges	1.36	1.70
2	Cross Subsidy Surcharge for HT consumers	1.75	2.20
3	Cross Subsidy Surcharge for EHT consumers	1.90	2.40

Copy of the detailed Petition of MePDCL for Truing up of FY 2014-15, provisional truing up of FY 2015-16, Mid Term Review and determination of Tariff and Open Access Charges for FY 2017-18 may be downloaded from the website of MeECL (<http://meecl.nic.in>). Hard copies of the same may be obtained at the offices of MePDCL as mentioned below, at a cost:

1. The Chief Executive Officer (Shillong Distribution), Lum Jingshai, Shillong.
2. The Chief Executive Officer (Central Circle), Lum Jingshai, Shillong.
3. The Chief Executive Officer (Eastern Circle), Khimmusniang, Jowai.
4. The Chief Executive Officer (Western Circle), Umiam.
5. The Chief Executive Officer (East Garo Hills Circle), Williamnagar.
6. The Chief Executive Officer (West Garo Hills Circle), Hawakhana, Tura.

Superintending Engineer (R-O)  
For and on behalf of MePDCL