



BUSINESS PARKS PVT. LTD.

**THE PETITION OF MINDSPACE BUSINESS PARKS PRIVATE
LIMITED FOR APPROVAL OF TRUING UP FOR FY 2015-16,
FY 2016-17, PROVISIONAL TRUING UP FOR FY 2017-18 AND
AGGREGATE REVENUE REQUIREMENT AND TARIFF FOR
FY 2018-19 AND FY 2019-20 FOR ITS DISTRIBUTION
BUSINESS**

REVISED PETITION- VOLUME 1

DATE: 21ST JUNE 2018



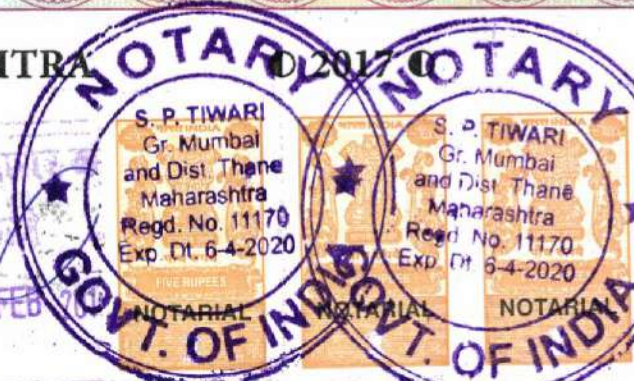
**K RAHEJA
CORP**



महाराष्ट्र MAHARASHTRA

2017

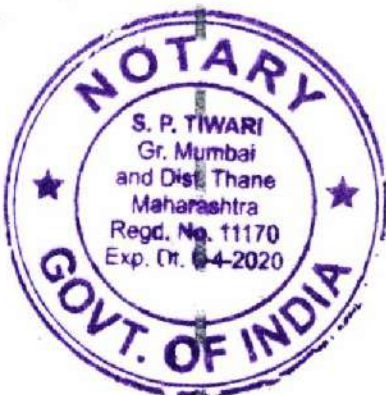
SY 877641



BEFORE THE
MAHARASHTRA ELECTRICITY REGULATORY COMMISSION,
MUMBAI

Filing No.
(To be filled by the Office)

IN THE MATTER OF
The Petition of Mindspace Business Parks Private Limited for approval of
Truing up for FY 2015-16, FY 2016-17, Provisional Truing up for FY 2017-18
and Aggregate Revenue Requirement and Tariff for FY 2018-19 and FY 2019-
20 for its Distribution Business



॥ श्री ॥

जोड़पत्र-2/Annexure - II

14 FEB 2018

जातील शिक्का प्रतिज्ञापत्रा वितरित वापरण्यांत येणारे मुद्रांक उमटायला

1) मुद्रांक नोंदी नोंदवही नमुन्यांक/दिनांक _____

2) दस्तऐवज प्रकार _____

3) दस्तऐवज कोणत्या कायद्यांत नोंदवण्यात येणारा आहे का ?
(Whether it is to be registered) होय / नाही
Yes / No

4) मालकीचे थोडक्यात वर्णन -
(Property Description in brief) _____

5) खरेदी करणाराचे नाव व स्वाक्षरी
(Name Purchaser's Name, & Signature) _____

6) जर अन्य व्यक्तीद्वारे खरेदी होत आहे, तर त्या व्यक्तीचे नाव व स्वाक्षरी
(If through other person then Name, Address & Signature) _____

7) इतर कोणत्याही व्यक्तीचे नाव
(Name of the Other Party) _____

8) मुद्रांक शुल्काचे रक्कम (Stamp Duty Amount) _____

9) मालकी नोंदी करणाराचे मुद्रांक शुल्काचे रक्कम _____

10) मालकी नोंदी करणाराचे पत्ता (Address) _____

11) मालकी नोंदी करणाराचे पत्ता (Address) _____

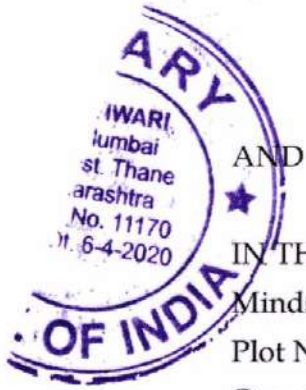
12) मालकी नोंदी करणाराचे पत्ता (Address) _____

13) मालकी नोंदी करणाराचे पत्ता (Address) _____

14) मालकी नोंदी करणाराचे पत्ता (Address) _____

15) मालकी नोंदी करणाराचे पत्ता (Address) _____





AND

IN THE MATTER OF

Mindspace Business Parks Private Limited

Plot No. C-30, Block 'G',

Opp. SIDBI, Bandra Kurla Complex,

Bandra (E), Mumbai - 400 051

... The Petitioner

**AFFIDAVIT OF PETITIONER IN SUPPORT OF CAPTIONED
ADDITIONAL SUBMISSION**

I, Suhas Eknath Ambade, son of Eknath Narayan Ambade, aged 48 years, having my office at C-30, Raheja Towers, G Block, Bandra Kurla Complex, Bandra (E), Mumbai- 400 051 do solemnly affirm and say as follows:

1. I am the Associate Vice President of Mindspace Business Parks Private Limited, the Petitioner, and am duly authorised and competent to make this affidavit.
2. The statements made in the petition are true to my personal knowledge / official records and the statements made in paragraphs of the additional submission are based on information and I believe them to be true.
3. I say that there are no proceedings pending in any court of law/tribunal or arbitrator or any other authority, by or against Petitioner where issues arising and/or reliefs sought are identical or





similar to the issues arising in this /captioned matter before this Hon'ble Commission.

Solemnly affirmed at Mumbai on this 21st June 2018 that the contents of the above affidavit are true to my knowledge, no part of it is false and nothing material has been concealed therefrom.

Place: Mumbai

Date: 21st June 2018

[Handwritten Signature]
Deponent

Mindspace Business Parks Private Limited



BEFORE ME
[Handwritten Signature]
S. P. TIWARI
M.A., LL.B.
NOTARY
Maharashtra
(Govt. of India)
21 JUN 2018



Executive Summary

1 Overview

M/s. Mindspace Business Parks Private Limited (hereinafter referred to as “MBPPL” or “the Petitioner”) [formerly known as Serene Properties Private Limited], is a Company incorporated under the provisions of the Companies Act, 1956, having its registered office at Plot No. C-30, Block ‘G’, Opp. SIDBI, Bandra Kurla Complex, Bandra (E), Mumbai - 400 051, Maharashtra, India.

MBPPL, under Section 3 of the Special Economic Zones (SEZ) Act, 2005 (28 of 2005), is setting up a sector specific Special Economic Zone (SEZ) for Information Technology and Information Technology Enabled Services (IT & ITeS) at Plot No. 3, Kalwa, TTC Industrial Area, MIDC, Taluka Thane, District Thane, in the State of Maharashtra.

In view of the above, MBPPL is a deemed Distribution Licensee in its SEZ area at Plot No. 3, Kalwa, TTC Industrial Area, MIDC, Taluka Thane, District Thane, in the State of Maharashtra. The Hon’ble Commission, vide Order dated April 11, 2012 in Case No. 157 of 2011, has taken on record the deemed Distribution Licensee status of MBPPL and subsequently notified the Specific Conditions of Licence for MBPPL on August 21, 2013.

Further, the Specific Conditions of Distribution Licence were issued by the Hon’ble Commission in the name of Serene Properties Private Limited, but with effect from November 23, 2015, Serene Properties Private Limited was renamed as Mindspace Business Parks Private Limited, which has been approved by the Hon’ble Commission and the Specific Conditions have been duly amended.

1.1 Multi Year Tariff (MYT) Petition filed by MBPPL

Since, the operation of MBPPL as a Distribution Licensee commenced from April, 9 2015, i.e., in FY 2015-16, MBPPL filed the Petition for Provisional True up for FY 2015-16 in accordance with the MERC MYT Regulations, 2011, as specified in Regulation 5.1 (a) (ii) of the MERC MYT Regulations, 2015. Further, MBPPL filed the MYT Petition for the third Control Period from FY 2016-17 to FY 2019-20 in accordance with



Regulation 5.1 (a) (iii) of the MERC MYT Regulations, 2015. The Hon'ble Commission issued the MYT Order in Case No. 10 of 2016 on October 26, 2016.

1.2 Review Petition filed by MBPPL on the MYT Order

MBPPL filed a Petition on 9 December, 2016 under Regulation 85 of the MERC (Conduct of Business) Regulations, 2004 for review of the MYT Order dated 26 October, 2016 in Case No.10 of 2016. The Hon'ble Commission issued the Review Order on 28 November, 2017 and has not granted any specific relief on MBPPL's prayers.

1.3 Mid Term Review (MTR) Filing under MERC MYT Regulations, 2015

MBPPL is required to file the Mid Term Review (MTR) Petition by November 30, 2017. Vide letter ref: MBPPL/Power/2017-18/M555 dated 28 November, 2017, MBPPL requested the Hon'ble Commission to grant an extension of 10 days for filing the MYT Petition, on account of late receipt of Segmental Accounts for the Electricity Distribution business and the recently issued Review Order.

As various other Generating Companies and Licensees also made similar requests for extension of time for filing of MTR Petition, the Hon'ble Commission, vide its Order dated 30 November, 2017, considered the requests of these Utilities and in exercise of the power conferred under Regulation 102 of the MERC MYT Regulations, 2015, extended the last date for filing MTR Petition to 21 December, 2017.

Accordingly, MBPPL is hereby filing its MTR Petition comprising request for approval of:

- a) Truing up for FY 2015-16 in accordance with the provisions of MERC MYT Regulations, 2011,
- b) Truing up for FY 2016-17, Provisional True up for FY 2017-18, revised ARR and Tariff for FY 2018-19 and FY 2019-20, in accordance with the provisions of the MERC MYT Regulations, 2015, as amended from time to time.

2 Truing-up for FY 2015-16

Since, the operations of MBPPL as a Distribution Licensee commenced from April, 9 2015, i.e., in FY 2015-16, MBPPL is filing the Petition for Truing-up for FY 2015-16 in accordance with the MERC MYT Regulations, 2011, as specified in Regulation 5.1 (a) (ii) of the MERC MYT Regulations, 2015.

MBPPL has sought truing-up for FY 2015-16 under the MYT Regulations 2011 against the provisional true-up approved in the Hon'ble Commission's MYT Order in Case No. 10 of 2016. The true-up for FY 2015-16 is based on the audited segmental accounts of MBPPL's Distribution Licensee business, which is annexed to this Petition.

2.1 Energy Sales

For the purpose of Truing-up, MBPPL has considered the actual sales for FY 2015-16. The actual energy sold by MBPPL in FY 2015-16 is 81.87 MU, which is same as sales approved in the MYT order, as the Hon'ble Commission had considered the provisional category-wise sales for FY 2015-16 as submitted by MBPPL.

2.2 Distribution Loss

MBPPL has considered the actual distribution loss for the period based on actual energy sales and energy received for FY 2015-16. In the MYT Order in Case No. 10 of 2016, the Hon'ble Commission had considered the provisional Distribution loss (0.08%) for FY 2015-16 and the Distribution Loss of 0.64%, after excluding the Transformational losses. The actual distribution losses for FY 2015-16 are same as that approved by the Hon'ble Commission in the MYT Order.

2.3 Energy Balance

MBPPL has considered the actual energy sales and power purchase for FY 2015-16 and estimated the energy sales, as discussed above. In the MYT Order in Case No. 10 of 2016, the Hon'ble Commission had considered the provisional power purchase and energy sales, and InSTS loss of 3.92% for approving the Energy Balance for FY 2015-16. The actual Energy Balance for FY 2015-16 is the same as that approved by the Hon'ble Commission in the MYT Order.

2.4 Power Purchase Cost

The summary of power purchase cost for FY 2015-16 is as under:

MBPPL-Truing up Petition for FY 2015-16, FY 2016-17, provisional Truing-up for FY 2017-18, ARE and Tariff for FY 2018-19 to FY 2019-20



Table 2-1: Power Purchase Cost for FY 2015-16

Source of Power (Station wise)	MYT Order			Actual for true-up		
	Unit received at MBPPL's periphery (MU)	Total Cost of Power Purchase (Rs. Crore)	Average Cost of Power Purchase (Rs/kWh)	Unit received at MBPPL's periphery (MU)	Total Cost of Power Purchase (Rs. Crore)	Average Cost of Power Purchase (Rs/kWh)
GEPL from outside State	39.27	15.97	4.07	39.27	15.97	4.07
GEPL from Intra-State	42.18	17.09	4.05	42.18	17.09	4.05
Imbalance Pool	0.36	-	-	0.36	1.20	
REC Purchase	-	1.17		-	1.17	
UI Settlement	-	0.26		-	-	
Total	81.81	34.49	4.23	81.81	35.43	4.33

2.5 Operation & Maintenance Expenses

MBPPL was issued the Specific Conditions of Distribution Licence after the date of effectiveness of the MERC MYT Regulations, 2011. Further, no norms or methodology has been specified in the MERC MYT Regulations, 2011, for determination of O&M expenses for MBPPL. The Hon'ble Commission is required to determine the O&M expenses for MBPPL on a case-specific basis. In the MYT Order in Case No. 10 of 2016, the Hon'ble Commission approved the O&M expenses for MBPPL for FY 2015-16 by applying O&M norms of TPC-D directly.

MBPPL filed a Review Petition on the disallowance of the O&M expenses, and the premise on which the disallowance was made. In the Review Order, the Hon'ble Commission has not addressed the specific arguments made by MBPPL in its Review Petition and has merely repeated the arguments made in the MYT Order, and not provided any relief to MBPPL by allowing any additional O&M expenses. In the present Petition, MBPPL has provided detailed justification and rationale for allowing the O&M expenses for FY 2015-16 on actual basis.

Employee Expenses

As per the terms of the Agreement with KRC SPL, MBPPL will pay 35 paise per kWh of energy sales as employee expense to KRC SPL with an escalation of 12% every year.

A&G Expenses

MBPPL has considered the actual A&G expenses for FY 2015-16.

R&M Expenses

As regards R&M Expenses, MBPPL has entered into an Agreement with Vatsa Electric Company for repair and maintenance of the distribution network. MBPPL has considered the actual R&M expenses for FY 2015-16.

Further, in case of Rlnfra-D, the Hon'ble Commission has deviated from the O&M norms specified in the MYT Regulations, 2011, and has been allowing the O&M expenses from FY 2012-13 to FY 2015-16 on the basis of actual O&M expenses, subject to prudence check, without applying the O&M norms specified in the MYT Regulations, 2011, on account of the fact that the O&M norms did not reflect the normative expenses accurately. Further, while truing up for FY 2012-13 in Rlnfra-D's Mid-term Review Order dated 26 June, 2015 in Case No. 4 of 2015, the Hon'ble Commission has allowed the actual O&M expenses by applying the Removal of Difficulty power.

Thus, there is a regulatory precedence of the Hon'ble Commission itself allowing the actual O&M expenses of a Distribution Licensee in the State of Maharashtra during the same Control Period, which is within the scope of MYT Regulations, 2011, on the rationale that the O&M norms specified in the MYT Regulations, 2011 are not appropriate. This precedence is directly applicable to MBPPL, as the O&M norms of TPC-D have been made applicable to MBPPL, which do not reflect the O&M norms of MBPPL.

In view of all the above, MBPPL respectfully submits that there is sufficient justification and rationale for allowing the actual O&M expenses incurred by MBPPL, as submitted in the audited accounts.

Hence, MBPPL requests the Hon'ble Commission to approve the actual O&M expenses of Rs. 3.21 crore for the Wires Business and Rs. 1.73 crore for the Retail Supply Business, in the truing up for FY 2015-16.

As the actual O&M expenses are required to be allowed in the true-up for FY 2015-16, there is no relevance of the computation of efficiency gains/losses, which has not been done.

2.6 Capital Expenditure and Capitalisation

The Hon'ble Commission, in the MYT Order, provisionally approved a capital cost of Rs. 44.72 Crore, as the opening balance for FY 2015-16, as against MBPPL's claim of Rs. 88.70 Crore, subject to further prudence check at the time of MTR Petition. In accordance with the above directive, MBPPL has submitted all the required supporting information and justification for the provisionally approved capital cost separately to the Hon'ble Commission for its approval and requests the Hon'ble Commission to approve the capital cost at the beginning of FY 2015-16, based on prudence check of the information submitted. For the purposes of this MTR Petition, MBPPL has accordingly considered the opening balance of GFA as Rs. 44.72 crore, as approved by the Hon'ble Commission in the MTR Order.

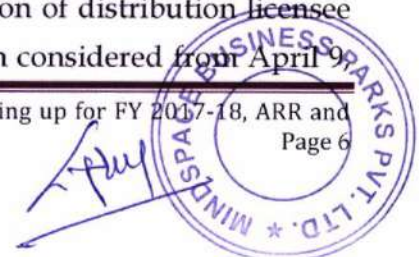
For the purposes of this MTR Petition, MBPPL has considered the actual capitalisation of Rs. 7.59 crore and Rs. 0.25 crore for the Wires Business and Supply Business in FY 2015-16.

2.7 Debt:Equity Ratio

MBPPL has considered the funding of the capitalisation in accordance with Regulation 30 of the MERC MYT Regulations, 2011, which allows the normative debt:equity ratio of 70:30, after deducting the consumer contribution.

2.8 Depreciation

MBPPL has computed the depreciation for FY 2015-16 as per Regulation 31 of MERC MYT Regulations, 2011, on the average GFA for the year, considering the capitalisation projected during the year. Since, the operation of distribution licensee has started from April 9 of 2015, the depreciation has been considered from April 9



2015. Further, no depreciation has been considered on the assets funded by consumer contribution.

2.9 Interest on Long-Term Loan Capital

MBPPL has computed the interest on normative Loan against the capitalisation shown in earlier paragraphs. For arriving at the debt component, the normative debt: equity ratio of 70:30 has been considered. The depreciation has been considered as normative repayment of loan during the year. The interest on loan had been calculated on the normative loan by applying the weighted average rate of 11.15% in accordance with Regulation 33.6 of the MYT Regulations, 2011. Further, this normative loan of Rs. 62.10 Crore has been refinanced in May 2015 by taking an actual loan from IDFC Bank at the interest rate of 11.15% on drawdown date. Accordingly, MBPPL has considered the interest rates based on refinanced loan and computed the Interest on Long-Term Loan Capital for FY 2015-16 as per Regulation 33 of the MERC MYT Regulations, 2011.

2.10 Interest on Working Capital

MBPPL has computed Interest on Working Capital as per Regulation 35 of the MERC MYT Regulations, 2011, for composite Distribution Wires and Retail Supply Business. It has considered the State Bank Advance Rate of 14.05% as on date of filing of present Petition.

2.11 Interest on Consumer Security Deposits

The actual Consumer Security Deposit (CSD) collected in FY 2015-16 was Rs. 3.57 crore, as against Rs. 3.79 crore considered in the MYT Order. MBPPL has claimed the actual interest on CSD paid/adjusted in FY 2015-16 of Rs. 0.32 crore, as recorded in its audited accounts.

2.12 Return on Equity

MBPPL has computed the Return on Equity for the composite business, since, MERC MYT Regulations, 2011 specifies the rate of return for Distribution Wires and Retail Supply Business as 15.5% and 17.5%, respectively.

2.13 Income Tax

In MYT Order, Hon'ble Commission has stated that at the time of true-up for FY 2015-16, the Income Tax allowable shall be computed on the basis of the actual income and expenditure. This is the same approach being followed for other Distribution Licensees such as RInfra-D and TPC-D, whose regulated business is part of a Company, and separate Income Tax is not paid for the regulated business, but for the Company as a whole.

Accordingly, MBPPL has calculated the Income Tax for the regulated Distribution Licensee business for FY 2015-16, based on the revenue and expenses offered for true-up in this Petition. The detailed calculations of Income Tax are provided in Form 12 of the Formats prescribed by the Hon'ble Commission, which have been submitted along with this Petition.

2.14 Provisioning for Bad Debts

MBPPL has not considered any provisioning for bad debts as no such provisioning has been done in its audited accounts for FY 2015-16.

2.15 Contribution to Contingency Reserves

The contribution to contingency reserves for FY 2015-16 has been considered at 0.50% of the opening GFA, as approved by the Hon'ble Commission in the MYT Order in Case No. 10 of 2016.

2.16 Non-Tariff Income

MBPPL has considered the actual Non-Tariff Income of Rs. 0.29 Crore, based on the audited accounts for FY 2015-16, which comprises income from service connection and other charges and income from electricity deposits.

2.17 Revenue from Sale of Electricity

MBPPL has considered the actual revenue from sale of electricity for FY 2015-16 based on the audited accounts. It may be noted that the approved ceiling tariff applicable in MBPPL's licence area, which was based on MSEDCL's approved tariff, was a

composite tariff for the entire FY 2015-16, and hence, it is not possible to separate the revenue from Wheeling Charges and Retail Supply Tariff, and hence, the revenue of MBPPL for FY 2015-16 has to be seen in a combined manner. In the MYT Order in Case No. 10 of 2016, the Hon'ble Commission has also considered the revenue from sale of electricity in a consolidated manner.

2.18 Aggregate Revenue Requirement

The consolidated ARR of MBPPL for FY 2015-16 is summarised as under:

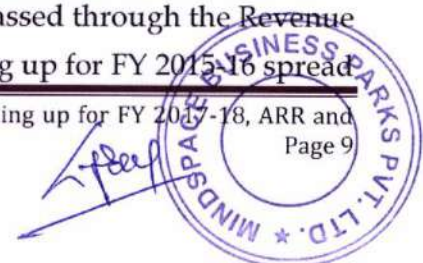
Table 2-2: Aggregate Revenue Requirement for FY 2015-16

Sr. No.	Particulars	MYT Order			Actual for true-up		
		Consolidated ARR	Wires Business	Supply Business	Consolidated ARR	Wires Business	Supply Business
1	Power Purchase cost (Incl. InSTS Charges & MSLDC Fees & Charges)	34.49	-	34.49	35.43	-	35.43
2	O&M Expenses	3.08	2.07	1.01	4.94	3.21	1.73
3	Depreciation	2.19	2.10	0.08	2.36	2.28	0.08
4	Interest on Loan Capital	3.42	3.30	0.12	3.94	3.83	0.11
5	Interest on Working Capital	0.43	0.04	0.39	0.50	0.05	0.45
6	Interest on CSD	0.29	0.03	0.26	0.32	0.03	0.29
7	Provision for bad and doubtful debts	-	-	-	-	-	-
8	Contribution to contingency reserves	0.22	0.22	0.01	0.23	0.22	0.01
9	Income Tax	0.50	0.45	0.05	2.22	2.00	0.22
10	Total Revenue Expenditure	44.62	8.21	36.41	49.93	11.62	38.31
11	Add: Return on Equity	2.12	2.03	0.08	2.24	2.14	0.10
12	Aggregate Revenue Requirement	46.74	10.24	36.49	52.18	13.77	38.41
13	Less: Non-Tariff Income	0.02	-	0.02	0.30	-	0.30
14	Less: Income from other business	-	-	-	-	-	-
15	Total Aggregate Revenue Requirement	46.72	10.24	36.48	51.88	13.77	38.12
18	Revenue from sale of Electricity	58.80			58.17		
19	Revenue Gap/(Surplus)	(12.08)			(6.29)		

2.19 Revenue Gap/(Surplus)

In the MYT Order, the Hon'ble Commission has already passed through the Revenue Surplus of Rs. 12.08 crore computed after provisional truing up for FY 2015-16 spread

MBPPL-Truing up Petition for FY 2015-16, FY 2016-17, provisional Truing up for FY 2017-18, ARR and Tariff for FY 2018-19 to FY 2019-20



equally over the 4 years of the MYT Control Period, viz., Rs. 3.02 crore in each year from FY 2016-17 to FY 2019-20. The revised Tariffs to be approved by the Hon'ble Commission after truing up for FY 2015-16 and FY 2016-17 and provisional true-up for FY 2017-18, shall be in force for FY 2018-19 and FY 2019-20. The category-wise tariffs approved for FY 2016-17 and FY 2017-18 are already reduced to that extent. As the Revenue Surplus for FY 2015-16 computed by MBPPL works out to be lower, at Rs. 6.29 crore, MBPPL has spread the Revenue Surplus of Rs. 6.29 crore, in the following manner:

Table 2-3: Revenue gap/(surplus) for FY 2015-16

Sr. No.	Particulars	MYT Order	After Final True-Up
A	Revenue Gap/(Surplus) adjusted in the ARR		
1	of FY 2016-17	(3.02)	(3.02)
2	of FY 2017-18	(3.02)	(3.02)
3	of FY 2018-19	(3.02)	(0.25)
4	of FY 2019-20	(3.02)	-
	Total	(12.08)	(6.29)

Accordingly, the Carrying/(Holding) Cost on above Revenue Gap/(Surplus) has been considered while computing the cumulative Revenue Gap/(Surplus) for FY 2018-19 and FY 2019-20.

3 Truing up for FY 2016-17 and Provisional Truing up for FY 2017-18

In accordance with Regulation 8.2 of the MYT Regulations, 2015, the Mid-Term Review Petition shall include comparison of actual operational and financial performance vis-à-vis the approved forecast for the first two years, i.e., FY 2016-17 and FY 2017-18.

Accordingly, MBPPL submits the Truing up for FY 2016-17 and Provisional Truing up for FY 2017-18. The Truing up for FY 2016-17 has been prepared on the basis of audited segmental accounts of MBPPL's Distribution Licensee Business and in accordance with the provisions of MYT Regulations, 2015, as applicable. The copy of audited

segmental accounts of MBPPL's Distribution Licensee Business for FY 2016-17 is attached to this Petition.

Since, FY 2017-18 is already over, the actual values of energy sales, power purchase and revenue have been considered for FY 2017-18. Accordingly, the provisional Truing up for FY 2017-18 has been prepared based on the actual values of energy sales, power purchase, revenue and estimated values of capitalisation and other revenue expenditure and; in accordance with the provisions of MYT Regulations, 2015, as applicable.

3.1 Energy Sales

As against the approved sales of 94.19 MU for FY 2016-17, the actual energy sales realised in FY 2016-17 is lower at 82.88 MU. The reduction in actual sales is because of partial occupancy of Building Nos. 9 and 12. The actual energy sales for FY 2016-17 has been considered for Truing up purpose.

For the purpose of the provisional Truing up for FY 2017-18, MBPPL has considered the actual sales for FY 2017-18

3.2 Distribution Loss

The Hon'ble Commission, in the MYT Order, approved the distribution loss of 0.64% for the Control Period from FY 2016-17 to FY 2019-20 on the basis of actual distribution loss of FY 2015-16 after excluding the transformation losses.

After considering the actual energy sales, actual energy purchase and actual Intra-State Transmission Loss based on State Grid Loss account maintained by MSLDC, the actual distribution loss for FY 2016-17 and FY 2017-18 have been worked out as 0.80% and 0.91%, respectively. The same has been claimed for truing up for FY 2016-17 and the provisional Truing up for FY 2017-18.

3.3 Power Purchase Cost

The actual power purchase quantum and cost for FY 2016-17 is shown in the following Table:

Table 3-5: Power Purchase Cost for FY 2016-17

Source of Power (Station wise)	MYT Order			Actual for Truing up		
	Quantum (MU)	Cost (Rs. Crore)	Per unit cost (Rs./kWh)	Quantum (MU)	Cost (Rs. Crore)	Per unit cost (Rs./kWh)
Purchase from Short-Term Source	20.82	8.08	3.88	23.36	8.82	3.78
Medium-Term PPA - Base Load	55.90	20.79	3.72	62.66	21.25	3.39
Medium-Term PPA - Peak Load	25.25	9.39	3.72	18.99	7.84	4.13
Sale of Surplus Power	(3.29)	(1.22)	3.72	(15.22)	(4.74)	3.11
Imbalance Pool	-	-	-	(3.09)	-	-
Rebate	-	-	-	-	(0.30)	-
Solar REC Purchase	-	0.35	3.50	-	0.26	-
Non-Solar Purchase	-	1.48	1.5	-	1.26	-
Total	98.67	38.86	3.94	86.70	34.39	3.97

The actual power purchase quantum and cost for FY 2017-18 is shown in the following Table:

Table 3-6: Power Purchase Cost for FY 2017-18

Source of Power (Station wise)	MYT Order			Actual for provisional Truing up		
	Quantum (MU)	Cost (Rs. Crore)	Per unit cost (Rs./kWh)	Quantum (MU)	Cost (Rs. Crore)	Per unit cost (Rs./kWh)
Medium-Term PPA - Base Load	74.46	27.70	3.72	77.51	27.36	3.53
Medium-Term PPA - Peak Load	33.66	12.52	3.72	27.90	11.20	4.02
Sale of Surplus Power	-	-	-	(15.72)	(6.23)	3.97
Purchase of Additional Power	4.07	1.51	3.72	-	-	-
Imbalance Pool	-	-	-	(2.64)	-	-
Rebate	-	-	-	-	(0.35)	-
Solar REC Purchase	-	0.79	3.50	-	0.02	-

Source of Power (Station wise)	MYT Order			Actual for provisional Truing up		
	Quantum (MU)	Cost (Rs. Crore)	Per unit cost (Rs./kWh)	Quantum (MU)	Cost (Rs. Crore)	Per unit cost (Rs./kWh)
Non-Solar Purchase	-	1.77	1.50	-	1.51	-
Total	112.19	44.29	3.95	87.05	33.50	3.85

3.4 O&M Expenses

For computing the normative O&M expenses, the actual O&M expenses claimed for Truing up for FY 2015-16 has been considered as Base Year O&M Expenses. Further, the normative O&M expenses for FY 2016-17 and FY 2017-18 have been derived by applying the escalation factor of 4.75% on Base Year O&M Expenses. It is submitted that there is sufficient justification and rationale for allowing the actual O&M expenses incurred by MBPPL, as submitted in the audited accounts for FY 2016-17.

Further, for the purpose of provisional Truing up for FY 2017-18, the actual O&M expenses for first half of FY 2017-18 have been considered. The O&M expenses for second half for FY 2017-18 has been estimated based on existing contracts for services and past trends of the expenses.

3.5 Capitalisation

During FY 2016-17, MBPPL has achieved actual capitalisation of Rs. 0.55 Crore towards Non-DPR schemes. For FY 2017-18, MBPPL has estimated the capital expenditure and capitalisation of Rs. 0.42 Crore against Non-DPR schemes.

For the purpose of Truing up for FY 2016-17 and provisional Truing up for FY 2017-18, MBPPL has considered the normative debt:equity ratio of 70:30 in accordance with Regulation 26 of the MYT Regulations, 2015.

3.6 Depreciation

MBPPL has computed the depreciation for FY 2016-17 and FY 2017-18 in accordance with Regulation 27 of the MYT Regulations, 2015, by applying the asset class-wise

depreciation rate specified in the MYT Regulations, 2015 on the average asset class-wise GFA during the year.

3.7 Interest on Long Term Loan Capital

MBPPL has computed the Interest on Long Term Loan Capital in accordance with Regulation 29 of the MYT Regulations, 2015. The interest on loan had been calculated on the average normative loan for the year by applying the weighted average rate of 10.57% for FY 2016-17 and 10.45% for FY 2017-18 in accordance with Regulation 29.5 of the MYT Regulations, 2015.

3.8 Return on Equity

MBPPL has considered the RoE for FY 2016-17 and FY 2017-18 in accordance with Regulation 28 of the MYT Regulations, 2015. MBPPL has computed the RoE at 15.50% and 17.50% for the Wires Business and Supply Business.

3.9 Interest on Working Capital and Consumer's Security Deposit

MBPPL has computed the normative working capital requirement in accordance with the MYT Regulations, 2015, based on the individual components as claimed in earlier paragraphs. As regards the CSD, the actual CSD collected in FY 2016-17 was Rs. 3.84 crore. MBPPL has claimed the actual interest of Rs. 0.34 crore on CSD paid/adjusted in FY 2016-17, as recorded in its audited accounts.

3.10 Income Tax

The Income Tax has been computed on the regulatory Profit Before Tax for FY 2016-17. Further, in the MYT Order, the Hon'ble Commission held that the RoE-based methodology should be followed for computing the Income Tax for future years, where actual data is not available. In view of this, MBPPL has projected the Income Tax for FY 2017-18 based on the grossed-up RoE.

3.11 Provision for Bad and doubtful debts

MBPPL has not claimed any provision for Bad and doubtful debt for FY 2016-17 and FY 2017-18.

3.12 Contribution to Contingency Reserve

In line with the MYT Regulations, 2015 and the approach adopted by the Hon'ble Commission in the MYT Order, MBPPL has considered the Contribution to Contingency Reserve at 0.5% of cost of Fixed Assets for FY 2016-17 and FY 2017-18.

3.13 Non-Tariff Income

MBPPL has considered the actual Non-Tariff Income of Rs. 0.30 Crore, based on the audited accounts for FY 2016-17, which comprises income from service connection and other charges and income from electricity deposits. Further, for the purpose of provisional Truing up for FY 2017-18, the Non-Tariff Income towards service connection charges has been considered based on actual income incurred during FY 2016-17.

3.14 Aggregate Revenue Requirement for FY 2016-17 and FY 2017-18

The Summary of ARR for FY 2016-17 and FY 2017-18 for Distribution Wires Business is shown in the following Table:

Table 3-1: ARR Summary for Wires Business for FY 2016-17 and FY 2017-18 (Rs. Crore)

Sr. No.	Particulars	FY 2016-17		FY 2017-18	
		MYT Order	Actual for Truing up	MYT Order	Estimated
1	Operation & Maintenance Expenses	2.18	3.37	2.24	3.55
2	Depreciation	2.26	2.52	2.37	2.54
3	Interest on Loan Capital	3.19	3.41	3.11	3.14
4	Interest on Working Capital	0.01	0.01	0.01	-
5	Interest on deposit from Consumers and Distribution System Users	0.05	0.03	0.06	0.04
6	Provision for bad and doubtful debts	-	-	-	-
7	Contribution to contingency reserves	0.23	0.25	0.24	0.26
8	Income Tax	0.45	0.30	0.45	0.57
9	Total Revenue Expenditure	8.39	9.90	8.48	10.10
10	Add: Return on Equity Capital	2.16	2.38	2.26	2.40

MBPPL-Truing up Petition for FY 2015-16, FY 2016-17, provisional Truing up for FY 2017-18, ARR and Tariff for FY 2018-19 to FY 2019-20

Sr. No.	Particulars	FY 2016-17		FY 2017-18	
		MYT Order	Actual for Truing up	MYT Order	Estimated
11	Aggregate Revenue Requirement	10.55	12.28	10.75	12.50
12	Less: Non-Tariff Income	-	-	-	-
13	Less: Income from Other Business	-	-	-	-
14	Total Aggregate Revenue Requirement	10.55	12.28	10.75	12.50

The Summary of ARR for FY 2016-17 and FY 2017-18 for the Retail Supply Business is shown in the following Table:

Table 3-2: ARR Summary for Retail Supply Business for FY 2016-17 and FY 2017-18 (Rs. Crore)

Sr. No.	Particulars	FY 2016-17		FY 2017-18	
		MYT Order	Actual for Truing up	MYT Order	Estimated
1	Power Purchase Expenses (including Inter-State Transmission Charges)	38.86	34.39	44.29	33.50
2	Operation & Maintenance Expenses	1.07	1.82	1.10	1.91
3	Depreciation	0.10	0.09	0.10	0.09
4	Interest on Loan Capital	0.13	0.11	0.12	0.10
5	Interest on Working Capital	0.13	0.08	0.12	-
6	Interest on Consumer Security Deposit	0.49	0.31	0.56	0.35
7	Provision for bad and doubtful debts	-	-	-	-
8	Contribution to contingency reserves	0.01	0.01	0.01	0.01
9	Intra-State Transmission Charges	4.04	4.89	5.18	5.18
10	MSLDC Fees & Charges	0.01	0.01	0.02	0.02
11	Income Tax	0.05	0.03	0.05	0.06
12	Total Revenue Expenditure	44.88	41.75	51.55	41.22
13	Add: Return on Equity Capital	0.10	0.09	0.10	0.09
14	Aggregate Revenue Requirement	44.98	41.83	51.64	41.31
15	Less: Non-Tariff Income	0.01	0.30	0.01	0.05
16	Less: Income from other business	-	-	-	-
17	Less: Receipts on account of Cross-Subsidy Surcharge	-	-	-	-
18	Less: Receipts on account of Additional Surcharge, if any	-	-	-	-
19	Aggregate Revenue Requirement from Retail Supply	44.97	41.54	51.63	41.26

3.15 Revenue Gap/(surplus) for FY 2016-17 and FY 2017-18

MBPPL has computed the combined Revenue Gap/(Surplus) for FY 2016-17 and FY 2017-18 as shown in the following Table:

MBPPL-Truing up Petition for FY 2015-16, FY 2016-17, provisional Truing up for FY 2017-18, ARR and Tariff for FY 2018-19 to FY 2019-20



Table 3-3: Revenue Gap/(Surplus) for FY 2016-17 and FY 2017-18 (Rs. Crore)

Sr. No.	Particulars	FY 2016-17		FY 2017-18	
		MYT Order	Actual for Truing up	MYT Order	Estimated
1	ARR for Distribution Wires Business	10.55	12.28	10.75	12.50
2	ARR for Retail Supply Business	44.97	41.54	51.63	41.26
3	Combined ARR for Wires and Retail Supply Business	55.52	53.82	62.38	53.76
4	Add; Revenue Gap/(Surplus) for FY 2015-16	(3.02)	(3.02)	(3.02)	(3.02)
5	Less: Revenue from sale of electricity	52.53	52.96	59.4	44.74
6	Revenue Gap/(Surplus)	(0.04)	(2.16)	(0.04)	6.00

MBPPL requests the Hon'ble Commission to approve the Revenue Gap/(Surplus) after final truing up for FY 2016-17 and provisional true-up for FY 2017-18 as shown in the above Table.

4 Aggregate Revenue Requirement for FY 2018-19 and FY 2019-20

4.1 Energy Sales

In the MYT Order, the Hon'ble Commission has approved the energy sales of 112.37 MU for FY 2018-19 and 117.51 MU for FY 2019-20, which includes the energy sales towards Building No. 15. However, there is a delay in construction of Building 15, and it is expected to commence construction of the same in April 2018, and the Building is expected to be completed beyond the Control Period, i.e., after FY 2019-20. Based on the present status of buildings, MBPPL has projected the energy sales for FY 2018-19 and FY 2019-20.

4.2 Distribution Loss

The Hon'ble Commission in the MYT Order has approved the distribution loss of 0.64% on the basis of actual distribution loss of FY 2015-16 after excluding the transformation losses. MBPPL has established the distribution network primarily on the higher voltage level of 22 kV. Consequently, the Distribution Losses on account of technical losses in the system are very low. The actual Distribution Loss for FY 2017-

18 is 0.91%. In view of this, MBPPL has projected Distribution Loss of 0.91% for FY 2018-19 and FY 2019-20.

4.3 Energy Balance

For projecting the Energy Balance for FY 2018-19 and FY 2019-20, MBPPL has considered the projected energy sales, distribution loss and InSTS loss of 3.92% as approved by the Hon'ble Commission in the MYT Order. Accordingly, MBPPL has projected the energy requirement for MBPPL at the State periphery for FY 2018-19 and FY 2019-20

4.4 Power Purchase Expenses

MBPPL, in the present Petition, submits the estimated Power Purchase quantum and cost of power purchase for FY 2018-19 and FY 2019-20 as shown in the following Table:

Table 4-1: Power Purchase for MBPPL for FY 2018-19 and FY 2019-20

Particulars	Source	FY 2018-19		FY 2019-20	
		MYT Order	Revised Projection	MYT Order	Revised Projection
Power Purchase Quantum (MU)	Source for Base Load - JPL	74.46	74.46	74.46	74.66
	Source for Peak Load - GMRETL	33.66	34.30	33.66	34.43
	Purchase of Solar REC	-	-	-	-
	Purchase of Non-Solar REC	-	-	-	-
	Sale of Surplus Power	-	(11.24)	-	(9.60)
	Purchase of additional Power	9.59	-	14.97	-
	Total		117.71	97.52	123.09
Power Purchase Cost (Rs. Crore)	Source for Base Load - JPL	27.70	29.24	27.70	29.74
	Source for Peak Load - GMRETL	12.52	14.01	12.52	14.29
	Purchase of Solar REC	1.13	0.27	1.51	0.35
	Purchase of Non-Solar REC	1.94	1.07	2.12	1.15
	Sale of Surplus Power	-	(3.35)	-	(2.91)
	Purchase of additional Power	3.57	-	5.57	-
	Total		46.86	41.24	49.42

Particulars	Source	FY 2018-19		FY 2019-20	
		MYT Order	Revised Projection	MYT Order	Revised Projection
Average Power Purchase Rate (Rs./kWh)	Source for Base Load as per the Medium-Term PPA	3.72	3.93	3.72	3.98
	Source for Peak Load as per the Medium-Term PPA	3.72	4.09	3.72	4.15
	Purchase for Solar REC	-	-	-	-
	Purchase for Non-Solar REC	-	-	-	-
	Sale of Surplus Power	-	2.98	-	3.03
	Purchase of additional Power	3.72	-	3.72	-
	Total		3.98	4.23	4.02

4.5 Transmission Charges and MSLDC Charges

MBPPL has projected the Transmission Charges and MSLDC Charges as determined by the Hon'ble Commission vide Order dated July 22, 2016 in Case No. 91 of 2016.

4.6 Operation & Maintenance Expenses

In continuation of the rationale discussed in earlier Section of this Petition, MBPPL requests the Hon'ble Commission to allow the actual O&M expenses based on the existing contracts for services and suitable escalation factor for FY 2018-19 and FY 2019-20.

4.7 Capital Expenditure and Capitalisation

For FY 2018-19 and FY 2019-20, MBPPL has proposed capitalisation towards the installation of harmonic filters in order to maintain the quality of supply at interconnection point. MBPPL has proposed capitalisation of Rs. 0.90 Crore for FY 2018-19 and Rs. 0.90 Crore for FY 2019-20, towards Non-DPR schemes since capital expenditure to be incurred is less than 10 Crore. No capitalisation has been projected towards any metering scheme, i.e., under Retail supply business.

4.8 Debt: Equity Ratio

MBPPL has considered the normative debt:equity ratio of 70:30 as provided in Regulation 26 of the MERC MYT Regulations, 2015.



4.9 Depreciation

MBPPL has calculated depreciation as per Regulation 27 of the MERC MYT Regulations, 2015 for the Distribution Wires and Retail Supply Business, separately by applying the average depreciation rate of 5.28% on the average GFA during the year.

4.10 Interest on Loan

MBPPL has computed the Interest on Loan as per Regulation 29 of the MERC MYT Regulations, 2015. The interest rate has been considered based on the weighted average interest rate of the actual loan basket of MBPPL.

4.11 Interest on Working Capital and Consumers' Security Deposit

MBPPL has computed the normative IoWC as per Regulation 31 of the MYT Regulations, 2015, for the composite Distribution Wires and Supply Business. The rate of interest has been considered equivalent to the 1-year MCLR, as on date of filing of the present Petition, plus 150 basis points, i.e., 9.75%. The same Interest rate has been considered for computation of Interest on Consumer's Security Deposit, in accordance with the provisions of MYT Regulations, 2015, as amended from time to time.

4.12 Return on Equity

MBPPL has computed the Return on Equity Capital for the Control Period in accordance with Regulation 28 of the MERC MYT Regulations, 2015 for Distribution Wires and Retail Supply Business separately.

4.13 Income Tax

In MYT Order, the Hon'ble Commission held that the RoE-based methodology should be followed for computing the Income Tax for future years, where actual data is not available. In view of this, MBPPL has projected the Income Tax for FY 2018-19 and FY 2019-20 based on the grossed-up RoE.

4.14 Provisioning for Bad Debts

MBPPL has not considered any provisioning for bad and doubtful debts as it has not envisaged any outstanding receivables for FY 2018-19 and FY 2019-20, based on past trend.

4.15 Contribution to Contingency Reserves

In line with the approach adopted by the Hon'ble Commission in the MYT Order, MBPPL has considered the Contribution to Contingency Reserve at 0.5% of cost of Fixed Assets for FY 2018-19 and FY 2019-20.

4.16 Non-Tariff Income

MBPPL has considered the Non-Tariff income of Rs. 0.05 Crore each for FY 2018-19 and FY 2019-20 mainly towards the income from consumer charges levied in accordance with Schedule of Charges approved by the Hon'ble Commission.

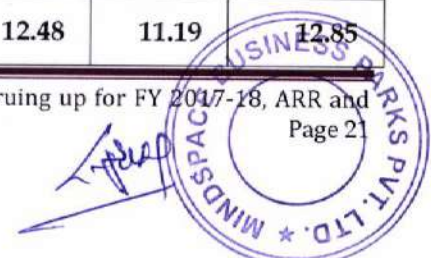
4.17 Aggregate Revenue Requirement

The Summary of ARR for FY 2018-19 and FY 2019-20 for Distribution Wires Business is shown in the following Table:

Table 4-2: ARR Summary for Wires Business for FY 2018-19 and FY 2019-20 (Rs. Crore)

Sr. No.	Particulars	FY 2018-19		FY 2019-20	
		MYT Order	Revised Projection	MYT Order	Revised Projection
1	Operation & Maintenance Expenses	2.31	3.99	2.38	4.44
2	Depreciation	2.52	2.58	2.60	2.63
3	Interest on Loan Capital	3.09	2.59	2.93	2.40
4	Interest on Working Capital	0.01	0.01	0.01	0.01
5	Interest on deposit from Consumers and Distribution System Users	0.07	0.04	0.07	0.04
6	Provision for bad and doubtful debts	-	-	-	-
7	Contribution to contingency reserves	0.26	0.26	0.27	0.26
8	Income Tax	0.45	0.58	0.45	0.59
9	Total Revenue Expenditure	8.71	10.04	8.70	10.38
10	Add: Return on Equity Capital	2.42	2.43	2.49	2.47
11	Aggregate Revenue Requirement	11.13	12.48	11.19	12.85
12	Less: Non-Tariff Income	-	-	-	-
13	Less: Income from Other Business	-	-	-	-
14	Total Aggregate Revenue Requirement	11.13	12.48	11.19	12.85

MBPPL-Truing up Petition for FY 2015-16, FY 2016-17, provisional Truing up for FY 2017-18, ARR and Tariff for FY 2018-19 to FY 2019-20



The Summary of ARR for FY 2018-19 and FY 2019-20 for the Retail Supply Business is shown in the following Table:

Table 4-3: ARR Summary for Retail Supply Business for FY 2018-19 and FY 2019-20 (Rs. Crore)

Sr. No.	Particulars	FY 2018-19		FY 2019-20	
		MYT Order	Revised Projection	MYT Order	Revised Projection
1	Power Purchase Expenses (including Inter-State Transmission Charges)	46.86	41.24	49.42	42.61
2	Operation & Maintenance Expenses	1.13	2.15	1.16	2.39
3	Depreciation	0.10	0.09	0.10	0.09
4	Interest on Loan Capital	0.11	0.08	0.10	0.07
5	Interest on Working Capital	0.11	0.02	0.10	0.04
6	Interest on Consumer Security Deposit	0.59	0.32	0.61	0.32
7	Provision for bad and doubtful debts	-	-	-	-
8	Contribution to contingency reserves	0.01	0.01	0.01	0.01
9	Intra-State Transmission Charges	5.79	5.79	5.81	5.81
10	MSLDC Fees & Charges	0.02	0.02	0.02	0.02
11	Income Tax	0.05	0.06	0.05	0.07
12	Total Revenue Expenditure	54.77	49.79	57.38	51.43
13	Add: Return on Equity Capital	0.10	0.09	0.10	0.09
14	Aggregate Revenue Requirement	54.86	49.87	57.48	51.52
15	Less: Non-Tariff Income	0.01	0.05	0.01	0.05
16	Less: Income from other business	-	-	-	-
17	Less: Receipts on account of Cross-Subsidy Surcharge	-	-	-	-
18	Less: Receipts on account of Additional Surcharge, if any	-	-	-	-
19	Aggregate Revenue Requirement from Retail Supply	54.85	49.82	57.47	51.47

MBPPL requests the Hon'ble Commission to approve the ARR for Distribution Wires Business and Retail Supply Business for FY 2018-19 and FY 2019-20 as shown in the above Tables.

5 Tariff Philosophy and Tariff Design

5.1 Past Revenue Gap/(surplus)

The Revenue Surplus for FY 2015-16 has been spread over the period from FY 2016-17 onwards as approved by the Hon'ble Commission. After adjusting the Revenue

Surplus of Rs. 3.02 each in FY 2016-17 and FY 2017-18, the remaining amount of Revenue Surplus has been adjusted in FY 2018-19. The rate of interest for computing the carrying/(holding) cost has been considered same as that considered for computing the IoWC for the respective year, in accordance with the applicable MYT Regulations, 2015.

Similarly, the Revenue Gap/(Surplus) arising out of Truing up for FY 2016-17 and carrying/(holding) cost on such revenue gap/(surplus) has been proposed to be recovered in FY 2018-19.

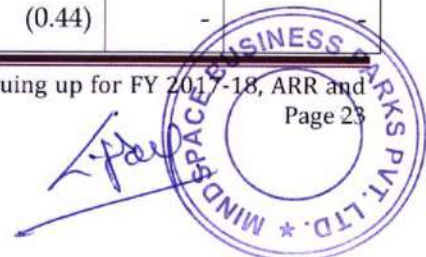
Further, the Revenue Gap/(Surplus) arising out of provisional Truing up for FY 2017-18 has been considered to be recovered in FY 2018-19 and FY 2019-20 in order to smoothen the tariff increase. No carrying/(holding) cost has been considered on the amount arising out of provisional Truing up for FY 2017-18, in accordance with approach adopted by the Hon'ble Commission in previous Tariff Orders, wherein carrying/(holding) cost is considered only on the amount arising out of final Truing up for any year.

5.2 Revenue Gap/(Surplus) at Tariff approved in MYT Order

After taking into account the projected ARR and past Revenue Gaps/(Surplus) along with carrying/(holding) cost, the Revenue Gap/(Surplus) at existing tariff has been computed as shown in the following Table:

Table 5-1: Revenue Gap/(Surplus) at Tariff approved in MYT Order (Rs. Crore)

Sr. No.	Particulars	FY 2018-19		FY 2019-20	
		MYT Order	Revised Projection	MYT Order	Revised Projection
1	ARR for Wires Business	11.12	12.48	11.19	12.85
2	ARR for Retail Supply Business	54.85	49.82	57.47	51.47
3	Combined ARR for Wires and Retail Supply Business	65.97	62.30	68.66	64.32
4	Add: Revenue Gap/(surplus) for Truing up for FY 2015-16	(3.02)	(0.24)	(3.02)	-
5	Add: Carrying/(holding) cost for Truing up for FY 2015-16	-	(1.15)	-	-
6	Add: Revenue Gap/(surplus) for Truing up for FY 2016-17	-	(2.16)	-	-
7	Add: Carrying/(holding) cost for Truing up for FY 2016-17	-	(0.44)	-	-



Sr. No.	Particulars	FY 2018-19		FY 2019-20	
		MYT Order	Revised Projection	MYT Order	Revised Projection
8	Add: Revenue Gap/(Surplus) for Provisional Truing up for FY 2017-18	-	1.20	-	4.80
9	Net ARR for recovery	62.95	59.50	65.64	69.11
10	Less: Revenue from approved Tariff	62.96	52.57	65.63	54.42
11	Revenue Gap/(Surplus)	(0.01)	6.94	(0.01)	14.69

The tariff approved for FY 2018-19 and FY 2019-20 in the MYT Order does not meet the Net ARR of the Wires and Retail Supply Business. The gap between Average Cost of Supply (ACoS) and Average Billing Rate (ABR) has been computed as shown in the following Table:

Table 5-2: Projected Revenue Requirement and ACoS for FY 2018-19 and FY 2019-20

Particulars	FY 2018-19	FY 2019-20
Net ARR for recovery (Rs. Crore)	59.50	69.11
Energy Sales (MU)	92.84	94.72
Average Cost of Supply (ACoS) (Rs. /kWh)	6.41	7.30
Average Billing Rate (ABR)	5.66	5.75
ACoS-ABR Gap (Rs. /kWh)	0.75	1.55

Accordingly, it is proposed to increase the average tariff by Rs. 0.75/kWh in FY 2018-19 and Rs. 1.55/kWh (over the tariff prevalent in FY 2017-18) in FY 2019-20, in order to meet the projected revenue requirement. Accordingly, the Net ARR for recovery, ACoS and proposed tariff increase is shown in the following Table:

Table 5-3: Proposed ACoS and tariff increase for FY 2018-19 and FY 2019-20

Particulars	FY 2018-19 (existing)	FY 2018-19 (Proposed)	FY 2019-20 (Proposed)
Net ARR for recovery (Rs. Crore)	52.57	59.50	69.11
ACoS (Rs. /kWh)	5.66	6.41	7.30
Proposed Tariff Hike (%)	-	13.20%	13.84%

5.3 Determination of Wheeling Charges

Common Wheeling charges have been proposed for HT and LT category based on the ARR for Wires Business and projected energy sales as under:

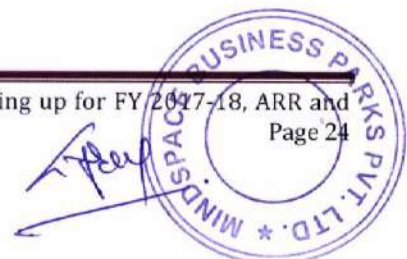


Table 5-4: Proposed Wheeling Charges for FY 2018-19 and FY 2019-20

Particulars	FY 2018-19		FY 2019-20	
	Approved in MYT Order	Proposed	Approved in MYT Order	Proposed
ARR for Distribution Wires Business (Rs. Crore)	10.61	12.48	10.70	12.85
Energy Sales (MU)	112.37	92.84	117.51	94.72
Wheeling Charges (Rs. /kWh)	0.94	1.34	0.91	1.36

5.4 Philosophy for Retail Supply Tariff

MBPPL proposes the following tariff philosophy for the determination of Retail Supply Tariff for the Control Period:

Fixed/Demand Charges

The Hon'ble Commission has retained the existing Fixed/Demand Charges, which are not at par with other Distribution Licensees in the State. Also, the recovery from the approved Fixed/Demand Charges is only 18% of the fixed cost, which is very low. There is an urgent need to increase the Fixed/Demand Charges from the present level, in order to increase the recovery of the fixed cost incurred by MBPPL through Fixed/Demand Charges. Hence, MBPPL has proposed to increase the Fixed/Demand Charges at par with the approved Fixed/Demand charges for MSEDCL for FY 2018-19 and FY 2019-20. MBPPL respectfully requests the Hon'ble Commission that the Fixed/Demand Charges may be increased further, in line with any increase that may be approved for other Distribution Licensees in the State based on the respective MTR Petitions filed by the Distribution Licensees.

The proposed increase in Fixed/Demand Charges will increase the revenue from Fixed/Demand Charges up to 26% and 27% of the fixed cost incurred by MBPPL in FY 2018-19 and FY 2019-20, respectively.

Reduction of Cross-subsidy

MBPPL, in its MYT Petition, had proposed category wise tariffs such that the ABR for all consumer categories would be equal to ACoS, so as not to create any cross-subsidy keeping in view the objective of the Act, as the tariffs were being determined for the first time for MBPPL. However, in the MYT Order, the Hon’ble Commission stated that it is not inclined to eliminate the cross-subsidy entirely for the time being and determined tariffs so as to minimise the level of cross-subsidy considering the consumer profile and consumption mix.

MBPPL has proposed the category-wise tariffs such that while cross-subsidy has not been eliminated entirely, the Gap between ACoS and ABR has been minimised. The ABR for all categories has been proposed within $\pm 20\%$ of ACoS for FY 2018-19 and FY 2019-20, as mandated by the Tariff Policy.

Time of Day Tariff

As per the approved Tariff Schedule, the following Time of Day (ToD) Tariff is applicable for HT Industrial, HT-Commercial, LT Industrial and LT Commercial category having load above 20 kW:

Table 5-5: Existing Time of the Day Tariff

Time Slot	Energy Charge (Rs./kWh)
2200 Hrs - 0600 Hrs	(1.50)
0600 Hrs - 0900 Hrs & 1200 Hrs - 1800 Hrs	0.00
0900 Hrs - 1200 Hrs	0.80
1800 Hrs - 2200 Hrs	1.10

The implementation of ToD tariff is revenue-neutral for MBPPL. Any under or over recovery arising from its implementation will be met through tariff at the time of Truing up. MBPPL has hence, proposed to continue with the ToD Tariff approved by the Hon’ble Commission in the MYT Order. In case the Hon’ble Commission decides to review the applicable ToD tariffs across the Distribution Licensees in the State, then such revised ToD tariffs would also be applicable for MBPPL.

5.5 Tariff Proposal for the Control Period from FY 2018-19 and FY 2019-20

Based on the tariff philosophy discussed in the earlier paragraphs, MBPPL proposes the following tariff for its area of supply for FY 2018-19 and FY 2019-20:



Table 5-6: Proposed Tariff for FY 2018-19

Consumer Category	FY 2017-18 (Existing applicable Tariff)				FY 2018-19 (Approved in MYT Order)				FY 2018-19 (Proposed in the present Petition)			
	Fixed/Demand Charge per month	Wheeling Charges (Rs./kWh)	Energy Charges (Rs./kWh)	Fixed/Demand Charge per month	Wheeling Charges (Rs./kWh)	Energy Charges (Rs./kWh)	Fixed/Demand Charge per month	Wheeling Charges (Rs./kWh)	Energy Charges (Rs./kWh)	Fixed/Demand Charge per month	Wheeling Charges (Rs./kWh)	Energy Charges (Rs./kWh)
HT Categories												
HT I: HT -Industry	Rs. 190 per kVA	0.95	4.27	Rs. 190 per kVA	0.95	4.27	Rs. 270 per kVA	1.34	4.32			
HT II: HT Commercial	Rs. 190 per kVA	0.95	4.25	Rs. 190 per kVA	0.95	4.25	Rs. 270 per kVA	1.34	4.50			
LT Categories												
LT I: LT General Purpose	Rs. 190	0.95	4.46	Rs. 190	0.95	4.46	Rs. 270	1.34	4.85			
LT II (A): LT Commercial (0-20 kW)	Rs. 190	0.95	4.55	Rs. 190	0.95	4.55	Rs. 270	1.34	4.90			
LT II (B): LT Commercial (Above 20 kW)	Rs. 190 per kVA	0.95	4.55	Rs. 190 per kVA	0.95	4.55	Rs. 270 per kVA	1.34	4.55			
LT III (A): LT Industry (0-20 kW)	Rs. 190	0.95	4.55	Rs. 190	0.95	4.55	Rs. 270	1.34	4.55			
LT III (B): LT Industry (Above 20 kW)	Rs. 190 per kVA	0.95	4.55	Rs. 190 per kVA	0.95	4.55	Rs. 270 per kVA	1.34	4.55			
TOD Tariffs (in addition to above Base Tariff(s) -compulsory for HT I, HT II, LT II (B) and LT III (B))												
2200 Hrs-0600 Hrs			(1.50)			(1.50)			(1.50)			(1.50)
0600 Hrs-0900 Hrs & 1200 Hrs-1800 Hrs			-			-			-			-
0900 Hrs-1200 Hrs			0.80			0.80			0.80			0.80
1800 Hrs-2200 Hrs			1.10			1.10			1.10			1.10

[Signature]


Table 5-7: Proposed Tariff for FY 2019-20

Consumer Category	FY 2017-18 (Existing applicable Tariff)				FY 2019-20 (Approved in MYT Order)				FY 2019-20 (Proposed in the present Petition)			
	Fixed/Demand Charge per month	Wheeling Charges (Rs./kWh)	Energy Charges (Rs./kWh)	Fixed/Demand Charge per month	Wheeling Charges (Rs./kWh)	Energy Charges (Rs./kWh)	Fixed/Demand Charge per month	Wheeling Charges (Rs./kWh)	Energy Charges (Rs./kWh)	Fixed/Demand Charge per month	Wheeling Charges (Rs./kWh)	Energy Charges (Rs./kWh)
HT Categories												
HT I: HT -Industry	Rs. 190 per kVA	0.95	4.27	Rs. 190 per kVA	0.95	4.34	Rs. 290 per kVA	1.36	5.12			
HT II: HT Commercial	Rs. 190 per kVA	0.95	4.25	Rs. 190 per kVA	0.95	4.75	Rs. 290 per kVA	1.36	5.45			
LT Categories												
LT I: LT General Purpose	Rs. 190	0.95	4.46	Rs. 190	0.95	4.46	Rs. 290	1.36	5.85			
LT II (A): LT Commercial (0-20 kW)	Rs. 190	0.95	4.55	Rs. 190	0.95	4.58	Rs. 290	1.36	5.90			
LT II (B): LT Commercial (Above 20 kW)	Rs. 190 per kVA	0.95	4.55	Rs. 190 per kVA	0.95	4.58	Rs. 290 per kVA	1.36	5.35			
LT III (A): LT Industry (0-20 kW)	Rs. 190	0.95	4.55	Rs. 190	0.95	4.58	Rs. 290	1.36	5.40			
LT III (B): LT Industry (Above 20 kW)	Rs. 190 per kVA	0.95	4.55	Rs. 190 per kVA	0.95	4.58	Rs. 290 per kVA	1.36	5.35			
TOD Tariffs (in addition to above Base Tariff(s) - compulsory for HT I, HT II, LT II (B) and LT III (B))												
2200 Hrs-0600 Hrs			(1.50)			(1.50)			(1.50)			(1.50)
0600 Hrs-0900 Hrs & 1200 Hrs-1800 Hrs			-			-			-			-
0900 Hrs-1200 Hrs			0.80			0.80			0.80			0.80
1800 Hrs-2200 Hrs			1.10			1.10			1.10			1.10

MBPPL humbly requests the Hon'ble Commission to approve the category-wise tariffs for FY 2018-19 and FY 2019-20 as proposed above.



Further, MBPPL submits the present level of cross-subsidy and the proposed trajectory for reduction of cross-subsidy, as shown in the Table below:

Table 5-8: Cross-Subsidy Trajectory for FY 2018-19

Category	Projected Average Cost of Supply (Rs/kWh)	Average Billing Rate (Rs/kWh)			Ratio of Average Billing Rate to Projected Average Cost of Supply (%)			% increase / decrease in Cross-subsidy	% increase in tariff (%)
		Existing Tariff #	Previous Tariff Order*	Proposed Tariff	Existing Tariff #	Previous Tariff Order*	Proposed Tariff		
HT Category									
HT I		5.41	5.52	6.38	85%	100%	100%	12%	13%
HT II		5.50	5.80	6.41	86%	105%	100%	13%	15%
LT Category									
LT I (G-P)	6.39	-	5.52	-	0%	100%	0%	0%	0%
LT II (A)		5.63	5.62	6.41	88%	101%	100%	12%	14%
LT II (B)		6.19	7.22	8.21	97%	130%	128%	17%	16%
LT III (A)		5.79	5.53	6.41	91%	100%	100%	9%	9%
LT III (B)		5.49	5.73	6.72	86%	103%	105%	12%	13%

Note: * - considered the ABR and cross-subsidy approved by the Commission for the previous year, i.e., FY 2017-18, in order to show the trajectory of cross-subsidy

* - Existing tariff means tariff approved in MYT Order for FY 2018-19



Table 5-9: Cross-Subsidy Trajectory for FY 2019-20

Category	Projected Average Cost of Supply (Rs/kWh)	Average Billing Rate (Rs/kWh)			Ratio of Average Billing Rate to Projected Average Cost of Supply (%)			% increase/decrease in Cross-subsidy	% increase in tariff (%)
		Existing Tariff#	Previous Tariff Order*	Proposed Tariff	Existing Tariff#	Previous Tariff Order*	Proposed Tariff		
HT Category									
HT I		5.48	5.57	7.26	73%	99%	99%	21%	27%
HTII		6.00	6.43	7.30	80%	115%	100%	18%	22%
LT Category									
LT I (G-P)	7.49	-	5.62	-	0%	100%	0%	0%	0%
LT II (A)		5.66	5.71	7.33	76%	102%	100%	23%	30%
LT II (B)		6.21	7.29	9.13	83%	130%	125%	28%	28%
LT III (A)		5.82	5.62	7.30	78%	100%	100%	19%	24%
LT III (B)		5.52	5.80	7.60	74%	104%	104%	22%	27%

Note: * - considered the ABR and cross-subsidy approved by the Commission for the previous year, i.e., FY 2018-19, in order to show the trajectory of cross-subsidy

- Existing tariff means tariff approved in MYT Order for FY 2019-20



MINDSPACE BUSINESS
MINDSPACE PVT. LTD.

5.6 Determination of Cross Subsidy Surcharge

MBPPL has computed CSS by adopting the Formula stipulated in the Tariff Policy, as under:

Table 5-10: Proposed Cross-Subsidy Surcharge for FY 2018-19 and FY 2019-20

Consumer Category	T (ABR)	C	L	C/(1-L%)	D	R	CSS
	Rs./kWh	Rs./kWh	%	Rs./kWh	Rs./kWh	Rs./kWh	Rs./kWh
FY 2018-19							
HT I	6.38	4.23	4.83%	4.44	1.34	-	0.59
HT II	6.38	4.23	4.83%	4.44	1.34	-	0.62
FY 2019-20							
HT I	7.26	4.28	4.83%	4.50	1.36	-	1.40
HT II	7.30	4.28	4.83%	4.50	1.36	-	1.45

MBPPL humbly requests the Hon'ble Commission to approve the category-wise Cross Subsidy Surcharge for the Control Period as proposed above.

5.7 Schedule of Charges

The Hon'ble Commission has approved the Schedule of Charges for MBPPL in the MYT Order. MBPPL has not proposed any revision to the Schedule of Charges approved by the Hon'ble Commission.

6 Prayers

MBPPL prays to the Hon'ble Commission as under:

- To admit the Mid Term Review Petition as per the provisions of the MYT Regulations, 2015 as amended from time to time and consider for further proceedings before the Hon'ble Commission;
- To approve the Truing up and Revenue Gap/(Surplus) for FY 2015-16 and FY 2016-17 and recovery of the same through tariff, as proposed by MBPPL;
- To revise the approved O&M expenses for FY 2015-16 and FY 2016-17 and future years based on the detailed justification submitted by the Petitioner;

- (d) To approve the provisional Truing up and Revenue Gap/(Surplus) for FY 2017-18 and recovery of the same through tariff, as proposed by MBPPL;
- (e) To approve Aggregate Revenue Requirement for FY 2018-19 and FY 2019-20 and its recovery through tariff, as proposed by MBPPL;
- (f) To approve Retail Supply Tariff for FY 2018-19 and FY 2019-20 and the tariff schedule, as proposed by MBPPL;
- (g) To invoke its powers under Regulation 102 of the MYT Regulations, 2015 in order to allow deviations from the MYT Regulations, 2015 wherever sought in this Petition;
- (h) Allow additions/alterations/modifications/changes to the Petition at a future date;
- (i) Allow any other relief, order or direction, which the Hon'ble Commission deems fit to be issued;
- (j) Condone any inadvertent errors/inconsistencies/omissions/rounding off differences, etc., as may be there in the Petition.

Before the Maharashtra Electricity Regulatory Commission
Mumbai

Filing No.:

Case No.:

IN THE MATTER OF **The Petition of Mindspace Business Parks Private Limited for approval of Truing up for FY 2015-16, FY 2016-17, Provisional Truing up for FY 2017-18 and Aggregate Revenue Requirement and Tariff for FY 2018-19 and FY 2019-20 for its Distribution Business**

AND

IN THE MATTER OF **Mindspace Business Parks Private Limited**
THE APPLICANT **(formerly known as Serene Properties Private Limited)**
Plot No. C-30, Block G
Opp. SIDBI, Bandra Kurla Complex,
Bandra East, Mumbai - 400 051
(Petitioner)

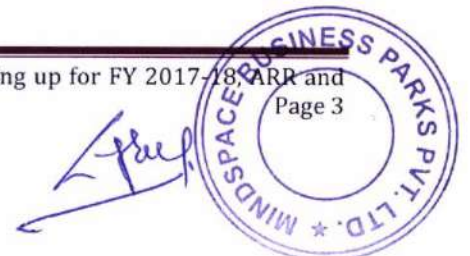
PETITIONER, UNDER SECTIONS 61, 62 and 64 OF THE ELECTRICITY ACT, 2003 AND UNDER THE MERC (CONDUCT OF BUSINESS) REGULATIONS 2004, FILES FOR APPROVAL BY THE HON'BLE COMMISSION OF ITS PETITION FOR TRUING UP OF FY 2015-16 UNDER THE MERC (MULTI YEAR TARIFF) REGULATIONS, 2011, AND TRUING UP FOR FY 2016-17, PROVISIONAL TRUING UP FOR FY 2017-18, AGGREGATE REVENUE REQUIREMENT AND TARIFF FOR FY 2018-19 AND FY 2019-20 UNDER THE MERC (MULTI YEAR TARIFF) REGULATIONS, 2015, FOR ITS DISTRIBUTION BUSINESS

Table of Contents

1	Introduction	10
1.1	About Mindspace Business Parks Private Limited	10
1.2	Multi Year Tariff (MYT) Petition filed by MBPPL.....	10
1.3	Review Petition filed by MBPPL on the MYT Order	11
1.4	First Amendment to the MERC MYT Regulations, 2015.....	12
1.5	Mid Term Review (MTR) Filing under MERC MYT Regulations, 2015	12
1.6	Structure of the Petition.....	14
2	Truing up for FY 2015-16	15
2.1	Sales	15
2.2	Distribution Loss	16
2.3	Energy Balance	17
2.4	Power Procurement	17
2.5	Transmission and MSLDC charges for FY 2015-16	20
2.6	Operation & Maintenance Expenses for FY 2015-16	21
2.7	Capital Expenditure and Capitalisation.....	40
2.8	Depreciation.....	41
2.9	Interest on Long-term Loan Capital	42
2.10	Interest on Working Capital and Consumers' Security Deposit	43
2.11	Return on Equity	44
2.12	Income Tax	45
2.13	Provision for Bad and Doubtful Debts.....	47
2.14	Contribution to Contingency Reserve.....	47
2.15	Non-Tariff Income.....	47
2.16	Revenue from Sale of Electricity	48
2.17	Summary of Aggregate Revenue Requirement (ARR) for FY 2015-16.....	49
3	Truing up for FY 2016-17 and Provisional Truing up for FY 2017-18	51



3.1	Energy Sales	51
3.2	Distribution Loss and Energy Balance	52
3.3	Power Purchase Cost	54
3.4	Intra-State Transmission and MSLDC Charges	59
3.5	O&M Expenses	59
3.6	Capital Expenditure and Capitalisation.....	68
3.7	Depreciation	69
3.8	Interest on Long Term Loan Capital	70
3.9	Return on Equity	71
3.10	Interest on Working Capital and Consumer's Security Deposit	72
3.11	Income Tax	74
3.12	Provision for Bad and doubtful debts	75
3.13	Contribution to Contingency Reserve	75
3.14	Non-Tariff Income.....	76
3.15	Revenue from Sale of Electricity	77
3.16	Aggregate Revenue Requirement for FY 2016-17 and FY 2017-18.....	78
3.17	Revenue Gap/(Surplus) for FY 2016-17 and FY 2017-18.....	79
4	Aggregate Revenue Requirement for FY 2018-19 & FY 2019-20.....	81
4.1	Energy Sales	81
4.2	Distribution Loss	82
4.3	Energy Balance	83
4.4	Power Purchase Cost	84
4.5	Transmission and MSLDC charges	86
4.6	Operation & Maintenance Expenses	87
4.7	Capital Expenditure and Capitalisation.....	88
4.8	Depreciation	89
4.9	Interest on Long-term Loan Capital	90



4.10	Interest on Working Capital and Consumers' Security Deposit	91
4.11	Return on Equity	92
4.12	Income Tax	93
4.13	Provisions for Bad and Doubtful Debt.....	94
4.14	Contribution to Contingency Reserve.....	94
4.15	Non-Tariff Income.....	95
4.16	Summary of Aggregate Revenue Requirement (ARR) for FY 2018-19 and FY 2019-20.....	95
5	Tariff Philosophy and Tariff Design.....	98
5.1	Past revenue Gap/(surplus)	98
5.2	Revenue Gap/(Surplus) at Tariff approved in MYT Order.....	99
5.3	Determination of Wheeling Charges	100
5.4	Philosophy for Retail Supply Tariff.....	101
5.4.1	Fixed/Demand Charges	101
5.4.2	Reduction of Cross Subsidy.....	101
5.4.3	Time-of-the-Day Tariff	102
5.5	Tariff Proposal for FY 2018-19 and FY 2019-20	103
5.6	Determination of Cross Subsidy Surcharge	108
5.7	Schedule of Charges.....	110
6	Proposed tariff Schedule for FY 2018-19 & FY 2019-20	111
7	Prayers	126
8	Compliance of Directives.....	127

List of Tables

Table 2-1: Number of Consumers in FY 2015-16	15
Table 2-2: Actual Energy Sales for FY 2015-16 (MU)	16
Table 2-3: Actual Distribution Losses for FY 2015-16	16
Table 2-4: Energy Balance for FY 2015-16	17
Table 2-5 : Power Purchase details for FY 2015-16	20
Table 2-6: O&M Expenses incurred in FY 2015-16 (Rs. Crore)	23
Table 2-7: Item-wise details of actual A&G and R&M Expenses for FY 2015-16 (Rs. crore)	29
<i>Table 2-7: O&M Expenses in FY 2012-13 approved by the Commission (Rs. crore)...</i>	<i>38</i>
Table 2-8: Capitalisation in FY 2015-16 (Rs. Crore)	41
Table 2-9: Depreciation for FY 2015-16 (Rs. Crore)	42
Table 2-10: Actual Loan Details for FY 2015-16	42
Table 2-11: Interest on Long-term Loan for FY 2015-16 (Rs. Crore)	43
Table 2-12: Interest on Working Capital and Consumers' Security Deposit for FY 2015-16 (Rs. Crore)	44
Table 2-13: Return on Equity for FY 2015-16 (Rs. Crore)	44
Table 2-14: Income Tax for FY 2015-16 (Rs. Crore)	46
Table 2-15: Contribution to Contingency Reserve for FY 2015-16 by MBPPL (Rs. Crore)	47
Table 2-16: Non-Tariff Income for FY 2015-16 (Rs. Crore)	47
Table 2-17: Actual Revenue from Sale of Electricity for FY 2015-16 (Rs. Crore)	48
Table 2-18: ARR Summary for FY 2015-16 (Rs. Crore)	49
Table 2-19: Treatment of Revenue Gap/(Surplus) for FY 2015-16	50
Table 3-1: Estimated Energy Sales for FY 2017-18 (MU)	52
Table 3-2: Distribution Loss for FY 2016-17 and FY 2017-18	53
Table 3-3: Energy Balance for FY 2016-17 and FY 2017-18	54
Table 3-4: InSTS Charges and MSLDC Charges for FY 2016-17 and FY 2017-18 (Rs. Crore)	59
Table 2-7: Item-wise details of actual A&G and R&M Expenses for FY 2016-17 (Rs. crore)	63
Table 3-5: O&M Expenses for FY 2016-17 and FY 2017-18 (Rs. Crore)	67
Table 3-6: Capital Expenditure & Capitalisation for FY 2016-17 and FY 2017-18 (Rs. Crore)	68

Table 3-7: Means of Finance for FY 2016-17 and FY 2017-18 (Rs. Crore)	68
Table 3-8: Depreciation for FY 2016-17 and FY 2017-18 (Rs. Crore)	69
Table 3-9: Interest on Long Term Loan Capital for FY 2016-17 and FY 2017-18 (Rs. Crore)	70
Table 3-10: Return on Equity for FY 2016-17 and FY 2017-18 (Rs. Crore)	71
Table 3-11: Weighted Average Interest Rate Calculation for FY 2016-17	72
Table 3-12: Weighted Average Interest rate computation for FY 2017-18	73
Table 3-13: IoWC and Interest on CSD for FY 2016-17 and FY 2017-18 (Rs. Crore)....	73
Table 3-14: Income Tax for FY 2016-17 and FY 2017-18 (Rs. Crore)	75
Table 3-15: Contribution to Contingency Reserves for FY 2016-17 and FY 2017-18 (Rs. Crore)	76
Table 3-16: Contribution to Contingency Reserves for FY 2016-17 and FY 2017-18 (Rs. Crore)	76
Table 3-17: Revenue from Sale of electricity for FY 2016-17 and FY 2017-18 (Rs. Crore)	77
Table 3-18: ARR Summary for Wires Business for FY 2016-17 and FY 2017-18 (Rs. Crore)	78
Table 3-19: ARR Summary for Retail Supply Business for FY 2016-17 and FY 2017-18 (Rs. Crore)	78
Table 3-20: Revenue Gap/(Surplus) for FY 2016-17 and FY 2017-18 (Rs. Crore)	79
Table 4-1: Energy Sales Projected by MBPPL for FY 2018-19 and FY 2019-20 (MU)...	82
Table 4-2: Revised Projection of Distribution losses for FY 2018-19 and FY 2019-20..	83
Table 4-3: Energy Balance for FY 2018-19 and FY 2019-20.....	83
Table 4-4: Power Purchase for MBPPL for FY 2018-19 and FY 2019-20.....	85
Table 4-5: Projected Transmission Charges and MSLDC Charges for FY 2018-19 and FY 2019-20 (Rs. Crore)	86
Table 4-6: Normative O&M Expenses for FY 2018-19 and FY 2019-20 (Rs. Crore)	87
Table 4-7: Projected O&M Expenses for FY 2018-19 and FY 2019-20 (Rs. Crore).....	88
Table 4-8: Capital Expenditure & Capitalisation for FY 2018-19 and FY 2019-20 (Rs. Crore)	89
Table 4-9: Depreciation for FY 2018-19 and FY 2019-20 (Rs. Crore)	90
Table 4-10: Interest on Long-term Loan Capital for FY 2018-19 and FY 2019-20 (Rs. Crore)	90

Table 4-11: Interest on Working Capital and CSD for FY 2018-19 & FY 2019-20 (Rs. Crore) 91

Table 4-12: Return on Equity for FY 2018-19 and FY 2019-20 (Rs. Crore) 93

Table 4-13: Income Tax for FY 2018-19 and FY 2019-20 (Rs. Crore) 94

Table 4-14: Contribution to Contingency Reserves for FY 2018-19 and FY 2019-20 (Rs. Crore) 95

Table 4-15: Non-Tariff Income for FY 2018-19 and FY 2019-20 (Rs. Crore) 95

Table 4-16: ARR Summary for Wires Business for FY 2018-19 and FY 2019-20 (Rs. Crore) 95

Table 4-17: ARR Summary for Retail Supply Business for FY 2018-19 and FY 2019-20 (Rs. Crore) 96

Table 5-1: Computation of carrying/(holding) cost for True-up for FY 2015-16 (Rs. Crore) 98

Table 5-2: Computation of carrying/(holding) cost for True-up for FY 2016-17 (Rs. Crore) 98

Table 5-3: Revenue Gap/(Surplus) at Tariff approved in MYT Order (Rs. Crore) 99

Table 5-4: Projected Revenue Requirement and ACoS for FY 2018-19 and FY 2019-20 100

Table 5-5: Proposed ACoS and tariff increase for FY 2018-19 and FY 2019-20 100

Table 5-6: Proposed Wheeling Charges for FY 2018-19 and FY 2019-20 100

Table 5-7: Existing Time of the Day Tariff 103

Table 5-8: Proposed Tariff for FY 2018-19 104

Table 5-9: Proposed Tariff for FY 2019-20 105

Table 5-10: Cross-Subsidy Trajectory for FY 2018-19 106

Table 5-11: Cross-Subsidy Trajectory for FY 2019-20 107

Table 5-12: Proposed Cross-Subsidy Surcharge for FY 2018-19 and FY 2019-20 109



LIST OF ABBREVIATIONS

A&G	Administrative & General
ABR	Average Billing Rate
ACoS	Average Cost of Supply
AMR	Automatic Meter Reading
ARR	Aggregate Revenue Requirement
BEST	Brihan-Mumbai Electric Supply and Transport Undertaking
BUA	Built-up Area
CEA	Central Electricity Authority
CSD	Consumers' Security Deposit
CSS	Cross Subsidy Surcharge
DPR	Detailed Project Report
EA	Electricity Act
FCA	Fuel Cost Adjustment
GFA	Gross Fixed Asset
HT	High Tension
IDFC	Infrastructure Development Finance Company
IEEE	Institute of Electrical and Electronics Engineers
IoWC	Interest on Working Capital
IT	Information Technology
ITes	Information Technology enables services
KRCSP	K. Raheja Corporate Services Private Limited
kV	kilo Volt
LT	Low Tension
MAT	Minimum Alternate Tax
MBPPL	Mindspace Business Parks Private Limited
MERC	Maharashtra Electricity Regulatory Commission
MERC MYT Regulations, 2011	MERC (Multi Year Tariff) Regulations, 2011
MERC MYT Regulations, 2015	MERC (Multi Year Tariff) Regulations, 2015
MIDC	Maharashtra Industrial Development Corporation



MSEDCL	Maharashtra State Electricity Distribution Company Limited
MSETCL	Maharashtra State Electricity Transmission Corporation Limited
MSLDC	Maharashtra State Load Despatch Centre
MU	Million Units
MW	Mega Watt
MVA	Mega Volt Ampere
MYT	Multi Year Tariff
O&M	Operation & Maintenance
PBT	Profit Before Tax
PPA	Power Purchase Agreement
R&M	Repair & Maintenance
REC	Renewable Energy Certificate
RInfra	Reliance Infrastructure Limited
RPO	Renewable Purchase Obligation
RTC	Round the Clock
SAIL	Steel Authority of India Limited
SBI	State Bank of India
SCADA	Supervisory Control and Data Acquisition
SEZ	Special Economic Zone
STOA	Short Term Open Access
STU	State Transmission Utility
ToD	Time of Day
TPC	The Tata Power Company Limited
TSU	Transmission System User
TTSC	Total Transmission System Cost

1 Introduction

1.1 About Mindspace Business Parks Private Limited

MindSpace Business Parks Private Limited (hereinafter referred to as “MBPPL” or “the Petitioner”) [formerly known as Serene Properties Private Limited], is a Company incorporated under the provisions of the Companies Act, 1956, having its registered office at Plot No. C-30, Block ‘G’, Opp. SIDBI, Bandra Kurla Complex, Bandra (E), Mumbai – 400 051, Maharashtra, India.

MBPPL, under Section 3 of the Special Economic Zones (SEZ) Act, 2005 (28 of 2005), is setting up a sector specific Special Economic Zone (SEZ) for Information Technology and Information Technology Enabled Services (IT & ITeS) at Plot No. 3, Kalwa, TTC Industrial Area, MIDC, Taluka Thane, District Thane, in the State of Maharashtra. MBPPL has been notified as the Developer of the SEZ by the Ministry of Commerce & Industry (Department of Commerce) vide Notification No. S.O. 1876(E) dated November 2, 2007.

The Ministry of Commerce & Industry (Department of Commerce), Government of India, vide its Notification under clause (b) of sub-section (1) of Section 49 of the Special Economic Zones Act, 2005 dated March 3, 2010, specified that the Developer of the SEZ is deemed to be a Distribution Licensee under the provisions of the Electricity Act, 2003 (EA 2003).

In view of the above, MBPPL is a deemed Distribution Licensee in its SEZ area at Plot No. 3, Kalwa, TTC Industrial Area, MIDC, Taluka Thane, District Thane, in the State of Maharashtra. The Hon’ble Commission, vide Order dated April 11, 2012 in Case No. 157 of 2011, has taken on record the deemed Distribution Licensee status of MBPPL and subsequently notified the Specific Conditions of Licence for MBPPL on August 21, 2013.

1.2 Multi Year Tariff (MYT) Petition filed by MBPPL

After being accorded the status of deemed Distribution Licensee, in pursuance of the Specific Conditions of its Distribution Licence and MERC (General Conditions of Distribution Licence) Regulations, 2006, MBPPL filed a Petition before the Hon’ble

Commission in Case No. 15 of 2014, on the basis of MERC (Multi Year Tariff) Regulations, 2011 (“MERC MYT Regulations, 2011”), requesting the Hon’ble Commission to permit MBPPL to charge consumers in its license area the tariff that is applicable for the respective category of consumers in the MSEDCL area of supply, as modified from time to time, as the ceiling tariff. The Hon’ble Commission, vide its Order dated June 13, 2014, allowed MBPPL to charge MSEDCL’s tariff for the respective consumer category as ceiling tariff and schedule of charges.

The Hon’ble Commission notified the MERC (Multi Year Tariff) Regulations, 2015 (“MERC MYT Regulations, 2015”) for the third Control Period from FY 2016-17 and FY 2017-18, thereby repealing the MERC MYT Regulations, 2011. Being a Distribution Licensee in the State of Maharashtra, MBPPL was required to file the MYT Petition for provisional Truing up for FY 2015-16 and determination of ARR and Tariff for 3rd control period FY 2016-17 to FY 2019-20 in accordance with the provisions of the MERC MYT Regulations, 2015.

Since, the operation of MBPPL as a Distribution Licensee commenced from April, 9 2015, i.e., in FY 2015-16, MBPPL filed the Petition for Provisional True up for FY 2015-16 in accordance with the MERC MYT Regulations, 2011, as specified in Regulation 5.1 (a) (ii) of the MERC MYT Regulations, 2015. Further, MBPPL filed the MYT Petition for the third Control Period from FY 2016-17 to FY 2019-20 in accordance with Regulation 5.1 (a) (iii) of the MERC MYT Regulations, 2015. The Hon’ble Commission issued the MYT Order in Case No. 10 of 2016 on October 26, 2016.

1.3 Review Petition filed by MBPPL on the MYT Order

MBPPL filed a Petition on 9 December, 2016 under Regulation 85 of the MERC (Conduct of Business) Regulations, 2004 for review of the MYT Order dated 26 October, 2016 in Case No.10 of 2016, on the following grounds:

- a) Non-approval of Interest During Construction
- b) Reduced O&M expenses allowed by the Hon’ble Commission
- c) Directions related to compliance with SOP Regulations and submission of Voltage-wise Cost of Supply (VCoS)



The Hon'ble Commission issued the Review Order on 28 November, 2017, and has not granted any specific relief on MBPPL's prayers.

1.4 First Amendment to the MERC MYT Regulations, 2015

The Hon'ble Commission has notified the MERC (MYT) (First Amendment) Regulations, 2017 on 29 November, 2017. In the amendment, the Hon'ble Commission has revised the formulation for:

- a) Base Rate, which is now linked to the Marginal Cost of Funds-based Lending Rate (MCLR) of SBI;
- b) Base O&M expenses and escalation rate to be considered for allowing O&M expenses for the MYT Control Period, as well as for truing up of O&M expenses for the MYT Control Period.

MBPPL has appropriately factored in the above amendments to the MERC MYT Regulations, 2015, while seeking truing up for FY 2016-17, provisional truing up for FY 2017-18, and revised ARR and Tariff for FY 2018-19 and FY 2019-20.

1.5 Mid Term Review (MTR) Filing under MERC MYT Regulations, 2015

Regulation 5 of the MERC MYT Regulations, 2015 specifies as under:

"5.1 The Petitions to be filed in the Control Period under these Regulations are as under:

...

- b) Mid-Term Review Petition shall be filed by November 30, 2017, comprising:*
 - i. Truing-up for FY 2015-16 to be carried out under the Maharashtra Electricity Regulatory Commission (Multi Year Tariff) Regulations, 2011;*
 - ii. Truing-up for FY 2016-17 to be carried out under the Maharashtra Electricity Regulatory Commission (Multi Year Tariff) Regulations, 2015;*
 - iii. Provisional Truing-up for FY 2017-18 to be carried out under the Maharashtra Electricity Regulatory Commission (Multi Year Tariff) Regulations, 2015;*
 - iv. Revised forecast of Aggregate Revenue Requirement, expected revenue from existing Tariff and charges, expected revenue gap, and proposed category-wise Tariff for the third and fourth year of the Control Period;..."*



Thus, MBPPL is required to file the Mid Term Review (MTR) Petition by November 30, 2017. Vide letter ref: MBPPL/Power/2017-18/M555 dated 28 November, 2017, MBPPL requested the Hon'ble Commission to grant an extension of 10 days for filing the MYT Petition, on account of late receipt of Segmental Accounts for the Electricity Distribution business and the recently issued Review Order.

As various other Generating Companies and Licensees also made similar requests for extension of time for filing of MTR Petition, the Hon'ble Commission, vide its Order dated 30 November, 2017, considered the requests of these Utilities and in exercise of the power conferred under Regulation 102 of the MERC MYT Regulations, 2015, extended the last date for filing MTR Petition to 21 December, 2017.

Accordingly, MBPPL is hereby filing its MTR Petition comprising request for approval of:

- a) Truing up for FY 2015-16 in accordance with the provisions of MERC MYT Regulations, 2011,
- b) Truing up for FY 2016-17, Provisional True up for FY 2017-18, revised ARR and Tariff for FY 2018-19 and FY 2019-20, in accordance with the provisions of the MERC MYT Regulations, 2015, as amended from time to time.

"8.4 Upon completion of the Mid-Term Review, the Commission shall pass an order recording –

- a) The approved aggregate gain or loss to the Licensee on account of controllable factors for the years 2015-16 and 2016-17 and provisional Truing-up for the year 2017-18, and the amount of such gains or such losses that may be shared in accordance with Regulation 11;*
- b) The approved aggregate gain or loss to the Licensee on account of uncontrollable factors for the Years 2015-16 and 2016-17, and provisional Truing-up for the year 2017-18 and the amount of such gains or such losses that were not recovered during the respective years and which may be shared in accordance with the Regulation 10;*
- c) The approved modifications to the Aggregate Revenue Requirement and Tariffs or Fees charges for the remainder of the control period."*

In accordance with the above provisions of the MYT Regulations and the aforesaid directions of the Hon'ble Commission, the present Mid-Term Review Petition is filed by MBPPL.

1.6 Structure of the Petition

The petition consists of the following chapters as outlined below:

Chapter 1: Introduction (Present Chapter)

Chapter 2: Truing up for FY 2015-16

Chapter 3: Truing up for FY 2016-17 and Provisional Truing up for FY 2017-18

Chapter 4: Revised Aggregate Revenue Requirement for FY 2018-19 and FY 2019-20

Chapter 5: Tariff Philosophy and Tariff Design

Chapter 6: Proposed Tariff Schedule for FY 2018-19 and FY 2019-20

Chapter 7: Prayers

Chapter 8: Compliance of Directives

2 Truing up for FY 2015-16

MBPPL commenced its operations as Distribution Licensee in FY 2015-16 from April 9, 2015, hence, it is filing its Petition for Truing up for FY 2015-16 for the period from April 9, 2015 to March 31, 2016, in accordance with the MYT Regulations, 2011, as specified in Regulations 5.1 (b)(i) of the present MYT Regulations, 2015.

In the present Petition, MBPPL has sought truing-up for FY 2015-16 under the MYT Regulations 2011 against the provisional true-up approved in the Hon'ble Commission's MYT Order in Case No. 10 of 2016. The true-up for FY 2015-16 is based on the audited segmental accounts of MBPPL's Distribution Licensee business, which is annexed as **Annexure I** to this Petition.

2.1 Sales

MBPPL is an IT & ITeS specific SEZ, therefore, being a niche kind of Distribution Licensee, it has very few consumer categories and consumers. The tariff categories and tariffs actually levied in FY 2015-16 were based on the ceiling tariffs of Maharashtra State Electricity Distribution Company Ltd. (MSEDCL), approved by the Hon'ble Commission vide Order dated June 26, 2014 in Case No. 121 of 2014. However, in the MYT Order, the Hon'ble Commission has considered the categories approved for the MYT Control Period from FY 2016-17 to FY 2019-20, as applicable for FY 2015-16 also. Hence, for comparison purposes, MBPPL has considered the number of consumers in the categories stipulated by the Hon'ble Commission in the MYT Order in Case No. 10 of 2016. The consumer categories and number of consumers in each category in FY 2015-16 are given in the Table below:

Table 2-1: Number of Consumers in FY 2015-16

Tariff	No. of Consumers
HT I	43
HT II	-
LT II (A)	8
LT II (B)	8
LT V (A)	17
LT V (B)	29
Total	105

The actual energy sold by MBPPL in FY 2015-16 is 81.87 MU, which is same as sales approved in the MYT order, as the Hon'ble Commission had considered the provisional category-wise sales for FY 2015-16 as submitted by MBPPL. The comparison of actual and approved category-wise energy for FY 2015-16 is shown in the Table below:

Table 2-2: Actual Energy Sales for FY 2015-16 (MU)

Categories	MYT Order	Actuals for true-up
HT Category		
HT I	74.91	74.91
HT II	0.11	0.11
LT Category		
LT II (A)	0.11	0.11
LT II (B)	0.30	0.30
LT II (C)	-	-
LT V (A)	0.29	0.29
LT V (B)	6.16	6.16
Total	81.87	81.87

MBPPL requests the Hon'ble Commission to approve the actual sales of 81.87 MU in the truing up for FY 2015-16.

2.2 Distribution Loss

MBPPL has considered the actual distribution loss for the period from April 2015 to March 2016 based on actual energy received and actual energy sales for FY 2015-16. In the MYT Order in Case No. 10 of 2016, the Hon'ble Commission had considered the provisional Distribution loss (0.08%) for FY 2015-16 and the Distribution Loss of 0.64%, after excluding the Transformational losses. Hence, the actual distribution losses for FY 2015-16 are same as that approved by the Hon'ble Commission in the MYT Order, as shown in the Table below:

Table 2-3: Actual Distribution Losses for FY 2015-16

Particulars	MYT Order	Actual for true-up
Energy Metered Sales (MU)	81.28	81.28
Transformation losses (MU)	0.59	0.59
Energy Sales billed (MU)	81.87	81.87
Distribution Loss (%)	(0.08)%	(0.08)%
Energy Input at T<> D (MU)	81.81	81.81

Particulars	MYT Order	Actual for true-up
Distribution Loss, after excluding Transformation Losses	0.64%	0.64%

MBPPL requests the Hon'ble Commission to approve the actual Distribution Losses of 0.64% in the truing up for FY 2015-16.

2.3 Energy Balance

MBPPL has considered the actual power purchase and energy sales from 9 April, 2015 to March 31, 2016. It has considered the actual Intra-State Transmission System (InSTS) Loss of 3.92% for April, 2015 to March, 2016 based on the State Grid Loss Accounts prepared by the Maharashtra State Load Despatch Centre (MSLDC), and projected the energy requirement based on that loss. In the MYT Order in Case No. 10 of 2016, the Hon'ble Commission had considered the provisional power purchase and energy sales, and InSTS loss of 3.92% for approving the Energy Balance for FY 2015-16. Hence, the actual Energy Balance for FY 2015-16 is the same as that approved by the Hon'ble Commission in the MYT Order, as shown in the Table below:

Table 2-4: Energy Balance for FY 2015-16

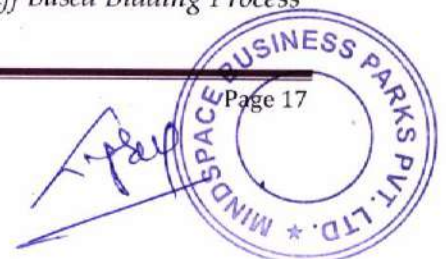
Particulars	MYT Order	Actual for true-up
Energy Sales (MU)	81.87	81.87
Distribution loss (%)	(0.08)	(0.08)
Energy Requirement at T<>D (MU)	81.81	81.81
Intra-State Transmission Loss (%)	3.92%	3.92%
Energy Requirement at G<>T (MU)	85.14	85.14

MBPPL requests the Hon'ble Commission to approve the actual Energy Balance in the truing up for FY 2015-16.

2.4 Power Procurement

Purchase from Conventional Sources

In order to meet the requirement of power, it had initiated the process of procurement of power for the short-term through the competitive bidding process in February 2014 in accordance with the 'Guidelines for Short-term (i.e., for a period less than or equal to one year) Procurement of Power by Distribution Licensees Through Tariff Based Bidding Process'



issued by the Ministry of Power, Government of India, on May 15, 2012. MBPPL had conducted the competitive bidding process for procurement of power for short-term for 1 year for procurement of 6 MW of power for each of the following two-time slots:

- 1) Slot - 1: Monday to Sunday, from 00:00 hours to 24:00 hours
- 2) Slot - 2: Monday to Friday, from 08:00 hours to 23:00 hours

In the above competitive bidding process, Global Energy Pvt. Ltd. (Global Energy) emerged as the lowest bidder for both the aforementioned time slots, and accordingly, Power Purchase Agreement (PPA) was signed with Global Energy for procurement of power for one year. It may be noted that the bids were invited for delivery of the power at the periphery of the Distribution Licensee, and the PPA has also been signed accordingly. Such procurement of power has already been approved by the Hon'ble Commission vide its Order dated December 30, 2014 in Case No. 178 of 2014. Due to inordinate delay in achieving the transmission connectivity from the STU, the supply of power from Global Energy in accordance with the aforementioned PPA commenced only with effect from 00:00 hours of April 9, 2015, i.e., the date of operationalisation of MBPPL as a Distribution Licensee.

As occupancy level in the SEZ area increased after start of operation, the demand in the area increased to 13 MW. In order to meet the increased demand, MBPPL entered into contract with Global Energy to supply this additional demand of 1 MW at the same price discovered through Competitive Bidding process and signed an addendum to the PPA on October 8, 2015.

MBPPL has considered the actual purchase of Inter-State as well as Intra-State power from Global Energy from April 9, 2015 to March 31, 2016, along with the applicable losses for each transaction.

The details of month-wise power purchase are provided in Form 2.1 of the Formats prescribed by the Hon'ble Commission, submitted along with this Petition.

Renewable Purchase Obligation

In accordance with the MERC RPO Regulations, 2010, the RPO targets for MBPPL for FY 2015-16 are 0.50 % for Solar and 8.50% for Non-Solar. In order to meet these RPO



targets, it has purchased 6845 Nos. of Non-Solar RECs and 403 Nos. of Solar RECs from Power Exchange India Ltd. at a total cost of Rs. 11,678,000. The documentary evidence for REC purchase in the form of purchase receipts is given as **Annexure II**. The Hon'ble Commission in its Order dated June 20, 2017 in Case No. 174 of 2017, has carried out the verification of RPO compliance for FY 2015-16 and the same has been considered in the present Petition.

Imbalance Pool

In case of fluctuations in demand during the year, MBPPL has also drawn energy from the State Imbalance Pool. In the MYT Order, the Commission had provisionally considered the Imbalance Pool adjustments of 0.36 MU so that the total units available at the periphery match with the figures considered under the Energy Balance.

MSLDC is still in the process of issuing the Final Balancing Settlement Mechanism (FBSM) bills for FY 2015-16, and as on date, the FBSM bills have been received for the period till the week ended January 31, 2016. The actual additional amount payable for the additional energy drawn from the Imbalance Pool for the period for which FBSM settlements have been completed, is Rs. 1.20 Crore. MBPPL has considered the FBSM settlement values for the period till January 2016, and for the remaining period, the IBSM values of energy have been considered, without any cost implication. Once the FBSM for the entire year is available, the differential quantum and cost shall be submitted to the Hon'ble Commission at the appropriate time.

The details of month-wise purchase from the Imbalance Pool are provided in Form 2.1 of the Formats prescribed by the Hon'ble Commission, submitted along with this Petition.

The Hon'ble Commission, in the MYT Order in Case No. 10 of 2016, had relied on the provisional power purchase details submitted by MBPPL, including purchase from conventional sources, RPO and purchase from Imbalance Pool. The actual Power Purchase quantum and cost for FY 2015-16 is the same as that approved by the Hon'ble Commission in the MYT Order, except for cost of purchase from the Imbalance Pool, as shown in the Table below:



Table 2-5 : Power Purchase details for FY 2015-16

Source of Power (Station wise)	MYT Order			Actual for true-up		
	Unit received at MBPPL's periphery (MU)	Total Cost of Power Purchase (Rs. Crore)	Average Cost of Power Purchase (Rs/kWh)	Unit received at MBPPL's periphery (MU)	Total Cost of Power Purchase (Rs. Crore)	Average Cost of Power Purchase (Rs/kWh)
GEPL from outside State	39.27	15.97	4.07	39.27	15.97	4.07
GEPL from Intra- State	42.18	17.09	4.05	42.18	17.09	4.05
Imbalance Pool	0.36	-	-	0.36	1.20	
REC Purchase	-	1.17		-	1.17	
UI Settlement	-	0.26		-	-	
Total	81.81	34.49	4.23	81.81	35.43	4.33

Further, it is to be noted that the FBSM settlements by MSLDC were ready only till January 2016, i.e., the same were not available for complete FY 2015-16 at the time of preparing the Annual Accounts for FY 2015-16. As a result, the Power Purchase expenses for FY 2015-16 were not finalised at the time of preparing the Annual Accounts for FY 2015-16. While preparing the books of accounts for FY 2015-16, MBPPL included the provisioning towards IBSM/FBSM settlement based on estimates for the remaining months of FY 2015-16. This has led to difference in the Power Purchase expenses shown in the accounts vis-à-vis claimed in the table above. In case of any difference on account of subsequent DSM reconciliations, the difference in amount shall be claimed in the true-up of subsequent years.

MBPPL requests the Hon'ble Commission to approve the actual Power Purchase cost in the truing up for FY 2015-16.

2.5 Transmission and MSLDC charges for FY 2015-16

In FY 2015-16, MBPPL was treated as a Short-Term Open Access (STOA) consumer and paid Open Access charges accordingly to the STU and MSLDC. The actual InSTS Charges for FY 2015-16 were Rs. 2.72 Crore, and MSLDC Charges were Rs. 0.09 Crore. The PPA with Global Energy stipulates the delivery of power at the Distribution Licensee's periphery. Thus, the InSTS charges and MSLDC charges indicated above

are already included in the power purchase cost and hence, these charges have not been included separately in the power purchase cost and the ARR summary.

2.6 Operation & Maintenance Expenses for FY 2015-16

Regulations 78.4 and 97.2 of the MYT Regulations, 2011 specify that:

"78.4.1.

Provided that in case of a new Distribution Licensee who is issued the Distribution Licence after the date of effectiveness of these Regulations, the Commission may determine the O&M Norms on case to case basis."

"92.7.1.

Provided that in case of a new Distribution Licensee who is issued the Distribution Licence after the date of effectiveness of these Regulations, the Commission may determine the O&M Norms on case to case basis."

In the MYT Order in Case No. 10 of 2016, the Hon'ble Commission approved the O&M expenses for MBPPL for FY 2015-16 on the basis of the following rationale:

"

- 1.7.15 *The Commission notes that, although it had specified the norms for the performance of Distribution Licensees, no norms had been either been specified, determined or approved, nor had any been proposed for the MBPPL SEZ prior to the notification of the MYT Regulations in December, 2015. Given that MBPPL commenced operations as a Distribution Licensee from April 9, 2015, it should have approached the Commission prior to such notification. The methodology proposed by MBPPL for determination of its O&M expenses for FY 2015-16 amounts to seeking post facto approval of the arrangement entered into with its parent organisation without prior approval of the Commission.*
- 1.7.16 *The grant of deemed Distribution Licensee status to SEZs under the EA, 2003 does not mean that their costs, operations and performance are un-regulated. The deemed Licensee would have to demonstrate that the most efficient, competitive, optimal and transparent sourcing procedures have been adopted while entering any agreement, particularly if it is without prior approval, and to follow the statutory rules and regulations. Therefore, the Commission does not approve, for purposes of pass-through to consumers, the cost parameters of the O&M arrangements entered into by MBPPL and hence the norms proposed by it.*

- 1.7.17 Admittedly, neither its parent organisation nor MBPPL in its capacity as a Distribution Licensee (who have entered into contracts with each other) have the specific past performance information to decide on the pricing aspects of such agreements. Moreover, from the terms of the contracts, including agreed escalation factors, the Commission is of the view that the O&M expenses projected, for a small Distribution Licensee which has just begun its operations, appears to be high.
- 1.7.18 ...
- 1.7.19 MBPPL has not clarified how it has managed operations prior to 9 April, 2015, for which it has claimed expenses in line with the proposed arrangements. It is also a fact that no other operational IT & ITeS SEZ has come before the Commission yet for this purpose. In the absence of historical or current information, it is difficult to derive norms for O&M expenses in case of MBPPL based on its own performance or that of other SEZs in the State.
- 1.7.20 ...
- 3.7.22 MBPPL has a higher proportion (90%) of HT sales. Further, given its 'plug and play' model, the number and composition of consumers/tenants will vary. Out of the existing Distribution Licensees in the State for which norms have been specified, these broad features of MBPPL bear some resemblance only with the city-based TPC-D. TPC-D has a higher proportion of HT sales as well as HT network. Further, the norms for TPC-D are not linked to consumers and its loss level is also low. Hence, in the absence of historical and current data for arriving at the base year expenses of MBPPL, the Commission has relied on the O&M expenses norms specified for TPC-D's Wires Business and Retail Supply Business for FY 2015-16.
- 3.7.23 Applying the O&M expenses norms specified for TPC-D for FY 2015-16 to MBPPL with approved sales of 81.87 MU and GFA of Rs. 44.72 crore, the base O&M expenses work out to Rs. 3.15 crore (Rs. 2.12 crore + Rs. 1.03 crore). The Commission accordingly approves the base O&M expense norms for FY 2015-16 as shown in the Table below:...
- ...
- 3.7.24 For FY 2015-16, the Commission has taken the O&M expenses proportionately from April 9, 2015 to March 31, 2016. Accordingly, O&M expenses of Rs. 3.08 crore, i.e. Rs. 2.07 crore and Rs. 1.01 crore for the Wires Business and Supply Business, respectively, are approved for MBPPL for FY 2015-16, as shown in the Table below:

Table 16: O&M Expenses approved by Commission for FY 2015-16 (Rs. crore)

Particulars	MBPPL Petition	Approved in this Order
Distribution Wires Business		
Employee Expenses	1.89	2.07
A&G Expenses	0.30	
R&M Expenses	1.01	
Total O&M Expenses	3.20	
Retail Supply Business		
Employee Expenses	1.02	1.01
A&G Expenses	0.16	
R&M Expenses	0.55	
Total O&M Expenses	1.72	

MBPPL filed a Review Petition on the disallowance of the O&M expenses, and the premise on which the disallowance was made. In the Review Order, the Hon'ble Commission has not addressed the specific arguments made by MBPPL in its Review Petition and has merely repeated the arguments made in the MYT Order, and not provided any relief to MBPPL by allowing any additional O&M expenses. However, the Hon'ble Commission has stated as under in the Review Order:

“7.5. Certain amendments to the MYT Regulations, 2015 have been proposed by the Commission with regard to the determination of O&M expenses, and public comments have been received. In its forthcoming MTR Petition, MBPPL may take into consideration any amendments that may affect its Base O&M expenses for FY 2015-16 and the 3rd Control Period.” (emphasis added)

The actual audited employee expenses, Repair & Maintenance (R&M) expenses, and Administrative & General (A&G) expenses, incurred by MBPPL in FY 2015-16 are shown in the Table below:

Table 2-6: O&M Expenses incurred in FY 2015-16 (Rs. Crore)

Sr. No.	Particulars	MYT Order	Actual for true-up
	Distribution Wires Business		
1	Employee Expenses	2.07	1.86
2	R&M Expenses		1.00

Sr. No.	Particulars	MYT Order	Actual for true-up
3	A&G Expenses		0.34
4	Total O & M Expenses	2.07	3.21
	Retail Supply Business		
1	Employee Expenses		1.00
2	R&M Expenses	1.01	0.54
3	A&G Expenses		0.19
4	Total O & M Expenses	1.01	1.73

In this regard, MBPPL respectfully submits as under for the Hon'ble Commission's kind consideration:

KRCSPL, being a Group Company and having experience in this field, offered to provide the support services at the rate of 35 paise/kWh. Since MBPPL was a new Distribution Licensee and did not have any past data to assess the reasonableness of this offer, it evaluated the offer against the employee expenses incurred by other Distribution Licensees in Maharashtra against various parameters, viz., percentage of ARR and percentage of Gross Fixed Assets (GFA), and paise/kWh of sales. KRCSPL's offer was found to be lower than the employee costs being incurred by other Distribution Licensees (except TPC-D, which is not comparable on account of a high quantum of change-over sales). Hence, MBPPL accepted the offer as being reasonable.

MBPPL respectfully submits that the O&M expenses allowed by the Hon'ble Commission for FY 2015-16 in the MYT Order are inadequate and are based on the wrong premise, as detailed below:

1. While discussing the O&M expenses allowable for FY 2015-16, the Hon'ble Commission has stated that no norms had been proposed for the MBPPL SEZ prior to the notification of the MYT Regulations, 2015 in December, 2015, and as MBPPL commenced operations as a Distribution Licensee from April 9, 2015, it should have approached the Hon'ble Commission prior to such notification. The Hon'ble Commission has further ruled that the methodology proposed by MBPPL for determination of its O&M expenses for FY 2015-16 amounts to seeking post facto approval of the arrangement entered into with its parent organisation without prior approval of the Commission.

The above rationale adopted by the Hon'ble Commission in the MYT Order is incorrect for the following reasons:

- a) The MYT Regulations, 2015 specify the principles for determination of O&M expenses for the period from FY 2016-17 to FY 2019-20, rather than FY 2015-16, which is the year under consideration.
 - b) The O&M expenses for FY 2015-16 are governed by the MYT Regulations, 2011, rather than the MYT Regulations, 2015. As the MYT Regulations, 2011 were notified on February 4, 2011, and MBPPL was not recognized as a Distribution Licensee at that point of time, there was no question of MBPPL approaching the Hon'ble Commission for seeking the specification of O&M norms.
 - c) The MYT Regulations, 2015 specify only the principles for normative O&M expenses for the MYT Control Period, which are equally applicable to MBPPL, and have been applied. No O&M norms have been specified for any Distribution Licensee in the MYT Regulations, 2015.
 - d) There is no process or Regulation under which a Distribution Licensee could have sought prior approval for the O&M expenses or the O&M services Agreement entered into by MBPPL.
 - e) The MYT Petition was the first occasion under which MBPPL could have sought approval for the O&M expenses for FY 2015-16, and hence, it is incorrect to state that MBPPL is seeking post facto approval of the arrangement without prior approval of the Commission.
2. MBPPL respectfully submits that it fully appreciates that its costs, operations and performance are regulated by the Hon'ble Commission. MBPPL had submitted the detailed rationale and process followed before entering into the Corporate Services Agreement with KRCSPL and the R&M Agreement with Vatsa Electric.
 3. As regards the Hon'ble Commission's observation that *"It is also a fact that no other operational IT & ITeS SEZ has come before the Commission yet for this purpose"*, MBPPL respectfully submits that it is not MBPPL's fault that it is the first IT & ITeS SEZ to have commenced operations as a Distribution Licensee, and this should not be a cause for disallowing justified O&M expenses.
 4. While the Hon'ble Commission has considered it fit and proper to apply the O&M norms specified for FY 2015-16 for TPC-D to determine the O&M expenses allowable for MBPPL, the Petitioner respectfully submits that such



application of O&M norms of TPC-D are inappropriate for the following reasons:

- a. The Hon'ble Commission has for the first time drawn a correlation between the O&M expenses and proportion of HT sales/HT network/Distribution Losses. In the MERC MYT Regulations, 2011, the O&M norms have been specified differently for similar licensees based on their own past expenses, say, BEST and RInfra-D, though they would be very similar in terms of HT:LT sales, HT:LT network, and Distribution Losses.
- b. Further, the Hon'ble Commission has incorporated a specific cause in the Specific Conditions of Distribution Licence of MBPPL, which reads as *"7. Uninterrupted power supply. - The Deemed distribution licensee shall make provisions for uninterrupted power supply for twenty-four hours within the area of supply."*
- c. The Hon'ble Commission will appreciate that such mandatory requirement has a corresponding cost implication, as the Distribution Licensee has to make all necessary arrangements for ensuring uninterrupted power supply. MBPPL has already submitted its reliability indices for FY 2015-16, which will clearly show that in terms of reliability, MBPPL is possibly the best Distribution Licensee in the State.
- d. Also, such requirement of uninterrupted power supply for twenty-four hours is not present in the Specific Conditions of Distribution Licence of TPC-D.
5. As regards the Hon'ble Commission's observation that *"...the Commission is of the view that the O&M expenses projected, for a small Distribution Licensee which has just begun its operations, appears to be high"*, MBPPL respectfully submits that there is no basis for this statement.
6. For the Hon'ble Commission's reference, MBPPL has computed the employee expenses for O&M related activities in case MBPPL had actually recruited employees for all the activities, instead of entering into an Agreement with KRCSPL and Vatsa for Corporate Services and R&M activities, respectively, the employee expenses for FY 2015-16 for all O&M related activities including R&M, would have been as under:

Department	Designation	Nos.	Annual CTC (Rs.)	Amount (Rs.)	Remarks
Distribution Licensee Head	General Manager	1	30,00,000	30,00,000	
Operation and Maintenance	Manager	1	15,00,000	15,00,000	
	Engineer in Shift	5	8,00,000	40,00,000	
	Testing Engineer	1	12,00,000	12,00,000	
	Testing Technician	1	3,00,000	3,00,000	
	Maintenance Engineer	1	12,00,000	12,00,000	
	Technician	21	2,50,000	52,50,000	Technician in 3 shifts.
	Substation Operators	5	2,50,000	12,50,000	Shift operator including reliever
Meter Reading & Billing	Manager	1	15,00,000	15,00,000	Meter Reading, Monthly Billing, Collection, payment receipts, reconciliation,
	Executive	1	8,00,000	8,00,000	Electricity Duty and tax, MIS.
Customer Care	Manager	1	15,00,000	15,00,000	Consumer Complaints, queries, grievances, New service Connection,
	Executive	1	8,00,000	8,00,000	Disconnection, Final settlement, Consumer Compliances
Quality Assurance & Safety	Manager	1	15,00,000	15,00,000	SOP, Monitoring Quality Standards and safety measures, safety manuals
Projects and Construction	Manager	1	15,00,000	15,00,000	Planning, Design, construction of Electrical Infrastructure.
	Assistant Manager	2	12,00,000	24,00,000	
Human Resources and Development	Manager	1	15,00,000	15,00,000	Recruitment and retention of man power, Employee welfare, Salary, IT,
	Executive	2	8,00,000	16,00,000	Training, Insurance, mediclaim
Information Technology	Manager	1	15,00,000	15,00,000	Hardware and Software Support, Servers, Link lines, AMR links
	Executive	2	8,00,000	16,00,000	
Legal	Manager	1	15,00,000	15,00,000	Legal support to business
Regulatory	Manager	1	15,00,000	15,00,000	Regulatory support
	Assistant Manager	1	12,00,000	12,00,000	
Load Management & Power Procurement	Manager	1	15,00,000	15,00,000	Monitoring online load, scheduling and co-ordinating with SLDC, Load
	Assistant Manager	1	12,00,000	12,00,000	forecast, Procuring power through Bilateral short/ mid term, Exchanges, RECs
Purchase & Inventory	Assistant Manager	1	12,00,000	12,00,000	
	Technician	1	2,50,000	2,50,000	Material Purchase and Inventory, Scrap disposal.
Account & Audit	Manager	1	15,00,000	15,00,000	Book of Account, Ledger entry, Trial balance, Balance sheet, P&L, internal audit,
	Assistant Manager	2	12,00,000	24,00,000	payments, cash handling
Finance & Banking	Manager	1	15,00,000	15,00,000	Loans, Banking
	Assistant Manager	1	12,00,000	12,00,000	
Security	Assistant Manager	1	12,00,000	12,00,000	
	Guards	6	1,80,000	10,80,000	Office, Substation, DTC security
Reception	Executive	1	5,00,000	5,00,000	
TOTAL				5,28,30,000	

7. After adding the A&G expenses and consumable cost of R&M related activities, the O&M expenses for FY 2015-16 would have been as under:

(Rs. Crore)

Sl.	Particulars	Combined O&M Expenses
1	Employee expenses	2.87
2	R&M Expenses	1.54
	<i>M/s Vatsa Electric</i>	1.26
	<i>Material Expenses</i>	0.28
3	A&G Expenses	0.53
4	Total O&M Expenses	4.93

8. Thus, the O&M expenses claimed by MBPPL by virtue of the Agreements entered into with KRCSPPL and Vatsa are very reasonable, and are lower than the O&M expenses that would have been incurred had employees actually been appointed. Hence, the Hon'ble Commission's observation that "for a small

Distribution Licensee which has just begun its operations, appears to be high” is incorrect. The Hon’ble Commission will also appreciate that if actual employees were to be appointed, then the employee expenses would be the same, irrespective of whether 2 buildings or 15 buildings have to be serviced and irrespective of whether sales are 15 MU or 100 MU. The number of employees would start increasing beyond a level of operations. Further, the utilisation of the employees would be lower, leading to sub-optimal utilisation, as there would not be sufficient full-time work.

Further, MBPPL also respectfully submits that there is no scope for disallowance of any sub-head of each head of O&M expenses. The item-wise break-up of each head and sub-head of actual A&G expenses and R&M expenses are detailed below, with all supporting Work Orders, for the kind consideration of the Hon’ble Commission:

Table 2-7: Item-wise details of actual A&G and R&M Expenses for FY 2015-16 (Rs. crore)

Head of Expenses	Description of expenses	Amount (in Rs.)	PO No.
A&G	1) Regulatory Expenses		
	1A - MERC Annual Licence Fees and Fees for filing the Petition	16,98,500	
	Annual Licence Fees FY 2015-16	2,91,000	
	Fees for Transmission Grid Connectivity	2,00,000	
	MERC fees for Name Change Petition	1,00,000	
	MERC fees for MYT petition - Retail tariff	5,07,500	
	MERC fees for MYT petition - Wheeling tariff	5,00,000	
	MERC fees for MYT petition - Schedule of Charges	1,00,000	
	1B- Expenses towards Consultant/CGRF/Electrical Inspector and Honorary Fees	7,70,000	
	Payment for consultancy services for filing the Petition	5,50,000	4800094262
	Salary towards salary of CGRF Chairman	1,50,000	4800093840
	Expenses towards EI visit	70,000	4800089797
	1C- Printing and Advertising expenses towards publishing Petition/Notices	18,16,703	
	MYT petition - Printing, Scanning & spiral binding	10,050	4500130194
	Petition - Printing, Scanning & spiral binding	5,721	4500131812
	Petition - Printing, Scanning & spiral binding	2,556	4500132644
	Petition - Printing, Scanning & spiral binding	15,734	4500132645
Petition - Printing, Scanning & spiral binding	3,909	4500132646	
Advertisement for Name Change from SPPL to MBPPL	1,49,754	4800094613	
Advertisement for Invitation for Power Procurement	7,59,779	4800097041	
Advertisement for MYT Petition - Public notice	7,95,042	4800097442	
Advertisement for Chairperson for Serene, Airoli	74,158	4800093264	
2) Site Expenses	1,89,935		
Conveyance Expenses	77,885		
Staff Welfare Expenses	1,02,155		
Minor Repairs Expenses	294		
A&G			

64

[Handwritten Signature]



Head of Expenses	Description of expenses	Amount (in Rs.)	PO No.
	Consumables Expenses	9,601	
A&G	3) Expenses towards Inaugural Event of Licensee	22,000	
	Expenses towards Inaugural Event of DL office & Operations	22,000	4800090699
A&G	4) IT Expenses	15,990	
	VGA Cable for Projector at Meeting Room, Dist. Licensee office	4,700	4500120949
	HDMI Cable & VGA to HDMI Converter for projector	5,600	4500122337
	Laptop Battery replacement	1,400	4500125981
	Networking charges for IT infrastructure	4,290	4800088794
A&G	5) Office Expenses	1,06,284	
	Name plates, White board & other office items for DL office	34,184	4500124473
	Arcylic Sandwich Frame for Single Line Diagram at DL office	11,639	4500127897
	Printing of Single line diagrams to be displayed for operations	18,000	4500127898
	Company Name Board & Wall branding posters	41,147	4500131099
	Cartridge Expenses	1,314	4500131650
A&G	6) Expenses for SAP Billing System	2,56,760	
	SAP Maintenance cost for Billing System	2,56,760	4800087471
A&G	7) Electricity Charges - Distribution Licensee office and Switching Station	5,94,997	
	Electricity Consumption 1150000050 @ Distribution Licensee Office for Sep'15	1,22,638	
	Electricity Consumption 1150000050 @ Distribution Licensee Office for Aug'15	75,724	
	Electricity Consumption 1150000050 @ Distribution Licensee Office for Jul'15	65,542	
	Electricity Consumption 1150000050 @ Distribution Licensee Office for Jun'15	62,121	
	Electricity Consumption 1150000104 @ Distribution Licensee Office for Oct'15	53,241	
	Electricity Consumption 1150000050 @ Distribution Licensee Office for Apr'15	32,903	
	Electricity Consumption 1150000050 @ Distribution Licensee Office for March, 2016	30,543	
	Electricity Consumption 1150000050 @ Distribution Licensee Office for Nov'15	26,635	
	Electricity Consumption 1150000050 @ Distribution Licensee Office for Oct'15	24,625	
	Electricity Consumption 1150000050 @ Distribution Licensee Office for Dec'15	22,657	
	Electricity Consumption 1150000050 @ Distribution Licensee Office for February, 2016	22,557	

65






Head of Expenses	Description of expenses	Amount (in Rs.)	PO No.
	Electricity Consumption 1150000050 @ Distribution Licensee Office for Jan,2016	21,265	
	Electricity Consumption 1150000104 @ Distribution Licensee Office for Dec'15.	10,944	
	Electricity Consumption 1150000104 @ Distribution Licensee Office for Nov'15	7,963	
	Electricity Consumption 1150000104 @ Distribution Licensee Office for Jan,2016	4,677	
	Electricity Consumption 1150000104 @ Distribution Licensee Office for February, 2016	4,587	
	Electricity Consumption 1150000104 @ Distribution Licensee Office for March,2016	4,008	
	Electricity Consumption 1150000050 @ Distribution Licensee Office for May'15	2,368	
R&M	1) R&M - HT Electrical System	13,63,370	
	Supply of Indication Lamps- Blue, Yellow, Red & White	44,735	4500124976
	Battery charger replacement	2,96,862	4500129254
	Cable fault rectification work	1,37,500	4800091099
	Cable fault rectification work	97,500	4800091287
	Indoor type CT Works	2,81,040	4800091350
	Rectification of HT Panel @ Switching station	1,20,481	4800091401
	Cable fault rectification work	97,500	4800092128
	Cable fault rectification work	2,42,752	4800093737
	Cable fault rectification work	45,000	4800094913
	2) R&M -Safety tools	50,713	
	Safety Material such as lock out tag out tags, barricading tape & registers	36,909	4500125313
	Supply of Safety shoes	13,804	4500131098
	3) R&M -Transformer	1,18,600	
	Transformer Oil for oil filtration	44,985	4500127568
	Supply of Spare of OLTC	28,630	4500129222
	Transformer Oil for oil filtration	44,985	4500131092
	4) R&M - Vatsa Electric	1,26,75,214	
	Expenses towards outsourced R&M Contract (Apr-15 to Oct-15)	77,19,375	
	Expenses towards outsourced R&M Contract (Nov-15 to Mar-16)	49,55,839	4800094162
	5) R&M- SCADA lease line	2,31,000	

66





Head of Expenses	Description of expenses	Amount (in Rs.)	PO No.
	Annual leased line charges	2,31,000	
	6) Other expenses	7,72,482	
	Testing Charges for ABT meters -100KV NCL/200KV AKP	1,60,000	
	Expenses towards Statutory Fees for testing of Meters	79,199	
	Other miscellaneous expenses	5,33,283	

T. J. Patel



As can be seen from the above item-wise details of actual A&G expenses totalling to Rs. 54.71 lakh in FY 2015-16:

- (a) Rs. 16.99 lakh is towards payment made to the Hon'ble Commission towards Annual Licence Fees and Petition filing fees. There is no doubt that these are legitimate and mandatory expenses and are required to be allowed in total, without any disallowance.
- (b) Rs. 7.70 lakh is towards payment made to the CGRF, Electrical Inspector and Consultant for providing assistance in filing multiple Petitions before the Hon'ble Commission, for complying with the Regulations notified by the Hon'ble Commission and its directions from time to time. As even bigger and well-established Licensees are appointing Consultants regularly for the purpose, MBPPL is also entitled to appoint Consultants for assistance. Such legitimate expenses are also not very high and are required to be allowed in total, without any disallowance.
- (c) Rs. 18.17 lakh is towards printing of Petition and advertisement expenses incurred for publishing tenders and notices in accordance with the Commission's Regulations and Guidelines notified by the Government of India. It may be also noted that MBPPL had proposed to the Hon'ble Commission that instead of publishing the Public Notice on its MYT Petition in newspapers, it would directly communicate the contents to each and every consumer in its licence area, in order to save on such expenditure, however, the Hon'ble Commission rejected MBPPL's request and directed it to publish the Public Notice. Such expenses are legitimate and mandatory expenses and are required to be allowed in total, without any disallowance.
- (d) Rs. 1.90 lakh are site related A&G expenses, and the detailed break-up is provided. It is clear that all these expenses are legitimate and also not very high and are required to be allowed in total, without any disallowance.
- (e) Rs. 5.95 lakh is towards electricity bill payments for self-consumption of switching station, which is charged at the tariffs approved by the Hon'ble Commission. There is no doubt that these are legitimate and mandatory expenses and are required to be allowed in total, without any disallowance.
- (f) The observation of the Hon'ble Commission that the expenses "appear to be high" is also not applicable in the present case, as can be observed from the details of the A&G expenses given above.

Thus, the total actual A&G expenses of Rs. 54.71 lakh needs to be allowed, without any disallowance.

As regards the actual R&M expenses totalling to Rs. 152.11 lakh in FY 2015-16, the expenses have been incurred against the material expenses and R&M contract awarded to M/s Vatsa Electric, which has been appointed after a competitive bidding process. Such R&M expenses are essential and legitimate, and are required to be allowed in total, without any disallowance. Further, MBPPL submits that the cost of R&M payable to Vatsa Electric is basically for providing the skilled technicians (26 numbers) to carry out the day to day operations in the licensee area. These numbers are derived considering the on-duty operator in the switching station in three shifts round the clock and the building level technicians to keep track on HT/LT network & maintaining the entire records. The total amount paid to the R&M Contractor is Rs. 126.75 lakh. MBPPL submits the entire details of O&M Expenses FY 15-16, as **Annexure - IIA**

Further, MBPPL published advertisement in Times of India, Mumbai dated 6 April 2016 inviting quotes from reputed Parties for handling the corporate services as well as O&M services. The tender document along with the advertisement was also uploaded on the Company's website www.krahejacorp.com. MBPPL submits the tender document, which details the scope of work for the bids discussed in this Petition regarding R&M expenses, as **Annexure - III**

After publishing the tender document on the website, few prospective bidder(s) approached MBPPL for understanding the scope of work. MBPPL officials met all the bidders for clarifying the scope of work and also permitted all prospective bidder(s) to visit the licence area for their comfort. MBPPL issued a Corrigendum extending the date for submission of financial offer/quote from 11 April, 2016 to 25 April, 2016.

Pursuant to the due diligence and discussions with the prospective bidder(s), two bidder(s) submitted the financial offer/quote. However, both the Bids were technically incomplete, as both bidder(s) submitted the quote without consideration of the corporate functions such as Finance, IT, Legal, HR, etc., and the bidder(s) only considered the technical Repair & Maintenance (R&M) portion of the scope of work.

The summary of the bids submitted by the bidder(s) is given below:

Sl.	Name of the bidder / Company	Scope of work covered	Scope of work not Covered	Amount in Rs. (Per Annum)	Escalation per year%
1	Energy Therapy Co. Pvt. Ltd.	Technical R&M	Corporate functions such as Finance, IT, Legal, HR etc.	Rs. 2.02 Crore	12%
2	Jones Lang LaSalle Building Operations Pvt Ltd	Technical R&M	Corporate functions such as Finance, IT, Legal, HR etc.	Rs. 1.59 Crore	Not Quoted-

As the quotes were not in line with the requirement, MBPPL communicated about the discrepancies in the quote/offer via email to both the bidder(s). MBPPL has evaluated the incomplete offers received from the bidder(s) with the mentioned scope of work, and the following conclusions can be drawn:

Both the bidder(s) have quoted only for R&M scope of work which is currently handled by M/s Vatsa Electric. The comparison is shown as below:

Sl.	Name of the Bidder	Annual Amount (Rs. Crore)
1	Jones Lang LaSalle Building Operations Pvt. Ltd.	1.59
2	Energy Therapy Co. Pvt. Ltd.	2.02
3	Vatsa Electric	1.26

From the above comparison, it is clearly seen that even for Scope of work related to R&M, M/s Vatsa Electric's offer is lowest.

MBPPL hence, requests the Hon'ble Commission to consider the cost of corporate services at 35 Paise/kWh for FY 2015-16, as comparable offers have not been received even after sufficient efforts taken by MBPPL.

Further, it needs to be noted that no specific norms for O&M expenses have been specified for MBPPL in the MYT Regulations, 2011, and the O&M norms applicable for TPC-D, another Distribution Licensee in Maharashtra, have been made applicable for MBPPL. The O&M norms for TPC-D were formulated by the Hon'ble Commission

based on analysis of the actual past O&M expenses of TPC-D itself. Similarly, the O&M norms for MSEDCL, BEST and Rlnfra-D were formulated by the Hon'ble Commission based on analysis of the actual past O&M expenses of the respective Distribution Licensees, and not by comparison with other Distribution Licensees. MBPPL respectfully submits that merely because there is no historical data available for MBPPL, the O&M norms specified for another Distribution Licensee, one totally different in character and consumer mix and geography, and formulated based on that Licensee's past expenses, should not be made applicable for MBPPL.

Further, in case of Rlnfra-D, the Hon'ble Commission has deviated from the O&M norms specified in the MYT Regulations, 2011, and has been allowing the O&M expenses from FY 2012-13 to FY 2015-16 on the basis of actual O&M expenses, subject to prudence check, without applying the O&M norms specified in the MYT Regulations, 2011, on account of the fact that the O&M norms did not reflect the normative expenses accurately. The relevant part of the MYT Order of Rlnfra-D in Case No. 9 of 2013 is reproduced below, for reference:

"3.12.5.1 The Commission accepts Rlnfra-D contentions that the O&M expenses in subsequent years cannot be approved at levels lower than the approved values of the past years. Although, the Commission is of the view that licensee should bring enhanced productivity in its operations and consequently should induce reduction in O&M expenses for controllable factors, however the increase on account of uncontrollable factors like wage revision of the past period and inflation, cannot be done away with.

3.12.5.2 The Commission notes the submissions of Rlnfra-D that it is still carrying out a number of its usual business activities for changeover consumers, which are as under:

...

3.12.5.3 The Commission observes that the assumption while framing Regulations was that there would be reduction in O&M cost owing the consumers switching over to TPC-D and it will in turn lead to optimisation of O&M Cost.

3.12.5.4 The Regulation 100 of the part K of the MERC MYT Regulations, 2011 vests the Commission with the power to remove difficulties. The Regulation 100 is reproduced hereunder:

"100 Power to remove difficulties

If any difficulty arises in giving effect to the provisions of these Regulations, the Commission may, by general or specific order, make such provisions not inconsistent with the provisions of the Act, as may appear to be necessary for removing the difficulty."

3.12.5.5 *The Commission exercising its power as provided under Regulation 100 of the MERC (MYT) Regulations 2011 relaxes the O&M norms for RInfra-D provided under Regulation 78.4.1 and Regulation 92.7.1.*

...

3.12.5.7 *RInfra-D also submitted the A&G expenses for FY 2012-13 as Rs 153.93 Crore.*

3.12.5.8 *The Commission for the purpose of approving O&M cost has considered the actuals of FY 2012-13 and escalation rates of 6.15%, 6.83% for employee expenses and R&M, respectively, based on the average growth rate submitted by RInfra-D in the reply to data gaps mentioned above. The Commission has computed a escalation rate of A&G expenses based on 60% weightage of growth rate of employee expenses (6.15%) and 40% weightage of growth rate of R&M expenses (6.83%)...."*

Further, while truing up for FY 2012-13 in RInfra-D's Mid-term Review Order dated 26 June, 2015 in Case No. 4 of 2015, the Hon'ble Commission has allowed the actual O&M expenses by applying the Removal of Difficulty power, as seen from the relevant extracts of the Order reproduced below:

"Commission's Analysis

In the MYT Order, the Commission had approved the actual employee and A&G Expenses, invoking its powers to remove difficulties to relax the O&M norms specified in the MYT Regulations. Hence, in truing up for FY 2012-13, the Commission has adopted the same approach of allowing O&M Expenses based on the actuals.

...The Commission has approved the actual expenses from the audited Reconciliation Statements submitted by RInfra-D showing allocation of expenses and incomes between Generation, Transmission and Distribution Businesses. ... For approval of

O&M Expenses for ensuing years, the Commission has considered the approved O&M Expenses for FY 2012-13 in this Order as the base.

...

In view of the above, the Commission has approved the actual O&M Expenses for FY 2012-13 as submitted by RInfra-D, as summarised below:

Table 2-8: O&M Expenses in FY 2012-13 approved by the Commission (Rs. crore)

Particulars	MYT Order			RInfra-D Petition			Approved in this Order		
	Wires	Supply	Total	Wires	Supply	Total	Wires	Supply	Total
Employee Expenses				354.16	238.33	592.49	354.16	238.33	592.49
A&G Expenses				102.18	51.75	153.93	102.18	51.75	153.93
R&M Expenses				206.80	18.27	225.07	206.80	18.27	225.07
Total O&M Expenses	636.48	306.15	942.63	663.15	308.35	971.50	663.14	308.35	971.49

Similarly, while truing up for FY 2013-14 and FY 2014-15 in RInfra-D's MYT Order dated 21 October, 2016 in Case No. 34 of 2016, the Hon'ble Commission has allowed the O&M expenses allowed in the MTR Order, as seen from the relevant extracts of the Order reproduced below:

"Hence, the Commission has approved the Employee Expenses at the same level as approved in the MTR Order, by considering an escalation of 6.15% over those approved for FY 2013-14 as allowed in RInfra-D's MYT Order (Case No. 9 of 2013) and also considered in the MTR Order.

...

The Commission has verified the actual A&G Expenses in FY 2014-15 from the audited Reconciliation Statement showing allocation of expenses and income between the Generation, Transmission and Distribution businesses. The actual A&G Expenses of Rs. 176.56 crore, as submitted by RInfra-D, have been considered after prudence check, as shown in the Table below...

The Commission has verified the actual R&M Expenses for FY 2014-15 from the audited Reconciliation Statement showing allocation of expenses and income between Generation, Transmission and Distribution Businesses. The Commission has approved the actual R&M

Expenses of Rs. 199.10 crore (excluding Rs. 9 crore as provision for Wage Revision) as submitted by RInfra-D, after prudence check, as shown in the Table below:..."

Thus, there is a regulatory precedence of the Hon'ble Commission itself allowing the actual O&M expenses of a Distribution Licensee in the State of Maharashtra during the same Control Period, which is within the scope of MYT Regulations, 2011, on the rationale that the O&M norms specified in the MYT Regulations, 2011 are not appropriate. This precedence is directly applicable to MBPPL, as the O&M norms of TPC-D have been made applicable to MBPPL, which do not reflect the O&M norms of MBPPL.

Further, in the recently notified first amendment to the MYT Regulations, 2015, the Hon'ble Commission has specified as under, as regards the O&M expenses for the MYT Control Period from FY 2016-17 to FY 2019-20:

"81.2 The Operation and Maintenance expenses shall be derived on the basis of the Final Trued-up Operation and Maintenance expenses after adding/deducting the sharing of efficiency gains/losses, for the year ending March 31, 2016, excluding abnormal expenses, if any, subject to prudence check by the Commission, and shall be considered as the Base Year Operation and Maintenance expenses."

Thus, the trued-up O&M expenses for FY 2015-16 shall be considered the base O&M expenses for the Control Period from FY 2016-17 to FY 2019-20. Hence, if the actual O&M expenses are not allowed, and the deduction of Rs. 1.86 crore (4.93 - 3.08) will become a perennial annual loss to MBPPL, and the loss will increase further every year based on the allowed annual escalation, which will not be sustainable, and will have severe financial consequences for MBPPL.

In view of all the above, MBPPL respectfully submits that there is sufficient justification and rationale for allowing the actual O&M expenses incurred by MBPPL, as submitted in the audited accounts.

Hence, MBPPL requests the Hon'ble Commission to approve the actual O&M expenses of Rs. 3.21 crore for the Wires Business and Rs. 1.73 crore for the Retail Supply Business, in the truing up for FY 2015-16.

As the actual O&M expenses are required to be allowed in the true-up for FY 2015-16, there is no relevance of the computation of efficiency gains/losses, which has not been done.

2.7 Capital Expenditure and Capitalisation

In order to ensure the reliability of Power supply, MBPPL has brought its entire electrical network in a ring main network, installed SCADA for line control and monitoring of power supply, and installed Automatic Metering Infrastructure for recording the energy consumption and real-time monitoring of the load pattern. For the above, MBPPL incurred a capital expenditure of Rs. 88.70 Crore to build the state-of-the-art distribution system in its area of supply. The entire amount has been capitalised in FY 2014-15, before the actual start of its operation as a Distribution Licensee. MBPPL had submitted the Detailed Project Report (DPR) to the Hon'ble Commission, for approval of the above capital expenditure.

MBPPL had estimated the capitalisation of Rs. 8.25 Crore against non-DPR schemes for FY 2015-16, in accordance with the Capital expenditure approval Guidelines issued by the Commission in 2005.

The Hon'ble Commission, in the MYT Order, provisionally approved a capital cost of Rs. 44.72 Crore, as the opening balance for FY 2015-16, as against MBPPL's claim of Rs. 88.70 Crore, subject to further prudence check at the time of MTR Petition. In accordance with the above directive, MBPPL has submitted all the required supporting information and justification for the provisionally approved capital cost separately to the Hon'ble Commission for its approval, and requests the Hon'ble Commission to approve the capital cost at the beginning of FY 2015-16, based on prudence check of the information submitted. For the purposes of this MTR Petition, MBPPL has accordingly considered the opening balance of GFA as Rs. 44.72 crore, as approved by the Hon'ble Commission in the MTR Order.

As regards MBPPL's proposed capital expenditure of Rs. 8.25 Crore towards non-DPR schemes for FY 2015-16, the Commission considered only 25% of the projected expenses towards 'LT Panel and Network' in addition to the balance expenses. The



Hon'ble Commission thus, approved capitalisation of Rs. 3.34 crore and Rs. 0.43 crore for the Wires Business and Supply Business for FY 2015-16 in the MYT Order.

Hon'ble Commission in MYT Order has directed to submit a DPR clubbing the expenditure proposed in FY 2015-16 under the '22/0.4 kV distribution transformer and switchgear', 'LT Panel and Network' and '22 kV Network' for in-principle approval. However, it is noted that the MYT Order was issued in October 2016. Till that time, the capital expenditure for FY 2015-16 has already been incurred and assets were capitalised after completion of work. Hence, it would not possible for MBPPL to seek for prior in-principle approval. MBPPL will submit the separate DPR for post-facto approval for the capital expenditure incurred during FY 2015-16. In view of the above, MBPPL requests the Hon'ble Commission to approve the actual capitalisation achieved in FY 2015-16.

For the purposes of this MTR Petition, MBPPL has considered the actual capitalisation of Rs. 7.59 crore and Rs. 0.25 crore for the Wires Business and Supply Business in FY 2015-16, respectively, as shown in the Table below:

Table 2-9: Capitalisation in FY 2015-16 (Rs. Crore)

Sr. No.	Particulars	MYT Order	Actual for true-up
1	Distribution Wires Business	3.34	7.59
2	Retail Supply Business	0.43	0.25
3	Total Capitalisation	3.77	7.84

2.8 Depreciation

MBPPL has computed the depreciation for FY 2015-16 in accordance with Regulation 31 of the MYT Regulations, 2011, by applying the asset class-wise depreciation rate specified in the MYT Regulations, 2011 on the average asset class-wise GFA during the year. As MBPPL commenced its operations from April 9, 2015, the depreciation for FY 2015-16 has been computed proportionately.

MBPPL submits the depreciation based on the approved opening GFA and actual capitalisation in FY 2015-16, as shown in the Table below:

Table 2-10: Depreciation for FY 2015-16 (Rs. Crore)

Sr. No.	Particulars	MYT Order	Actual for true-up
	Wires Business		
1	Opening GFA	43.30	43.30
2	Additions during the Year	3.34	7.59
3	Closing GFA	46.64	50.89
4	Depreciation	2.10	2.28
	Supply Business		
1	Opening GFA	1.42	1.42
2	Additions during the Year	0.43	0.25
3	Closing GFA	1.85	1.67
4	Depreciation	0.08	0.08

MBPPL requests the Hon'ble Commission to approve the above computed Depreciation after truing up for FY 2015-16.

2.9 Interest on Long-term Loan Capital

MBPPL has computed the interest on normative Loan against the capitalisation shown in earlier paragraphs. For arriving at the debt component, the normative debt: equity ratio of 70:30 has been considered. The depreciation has been considered as normative repayment of loan during the year. The interest on loan had been calculated on the normative loan by applying the weighted average rate of 11.15% in accordance with Regulation 33.6 of the MYT Regulations, 2011. The interest on loan had been calculated on the basis of actual interest rate on the actual loan, as shown in the following Table:

Table 2-11: Actual Loan Details for FY 2015-16

Particulars	Details
Source	IDFC Bank
Sanctioned amount	Rs. 68 Crore
Amount disbursement	Rs. 62.10 Crore
Repayment Schedule	120 structured monthly instalments (10 years)
Interest rate	11.15% - drawdown rate
Date of disbursement	May 19, 2015

The documentary evidence supporting the above has been attached as **Annexure - IV**. As MBPPL commenced its operations from April 9, 2015, the interest expenses for FY 2015-16 have been computed proportionately. The actual financing charges have been considered, as recorded in the audited accounts.

MBPPL submits the interest expenses based on the debt component of the approved opening GFA and actual capitalisation in FY 2015-16, as shown in the Table below:

Table 2-12: Interest on Long-term Loan for FY 2015-16 (Rs. Crore)

Sr. No.	Particulars	MYT Order	Actual for true-up
1	Wires Business		
1.1	Opening Balance of normative loan	30.31	30.31
1.2	Addition of normative loan during the year	1.97	5.31
1.3	Normative Loan Repayment during the year	2.10	2.28
1.4	Closing Balance of normative loan	30.17	33.34
1.5	Average loan balance during the year	30.24	31.82
1.6	Applicable Interest Rate (%)	11.15%	11.15%
1.7	Interest Expenses	3.30	3.47
1.8	Financing Charges	-	0.36
1.9	Total Interest & Financing Charges	3.30	3.83
2	Retail Supply Business		
2.1	Opening Balance of normative loan	0.99	0.99
2.2	Addition of normative loan during the year	0.29	0.17
2.3	Normative Loan Repayment during the year	0.08	0.08
2.4	Closing Balance of normative loan	1.20	1.09
2.5	Average loan balance during the year	1.10	1.04
2.6	Applicable Interest Rate (%)	11.15%	11.15%
2.7	Interest Expenses	0.12	0.11
2.8	Financing Charges	-	-
2.9	Total Interest & Financing Charges	0.12	0.11

MBPPL requests the Hon'ble Commission to approve the above computed normative Interest expenses after truing up for FY 2015-16.

2.10 Interest on Working Capital and Consumers' Security Deposit

MBPPL has computed the normative working capital requirement in accordance with the MYT Regulations, 2011, based on the individual components as claimed in earlier paragraphs. MBPPL has computed the normative Interest on Working Capital (IoWC) considering the State Bank of India Advance Rate (SBAR) of 14.05% as approved by the Hon'ble Commission for FY 2015-16. The actual Consumer Security Deposit (CSD) collected in FY 2015-16 was Rs. 3.57 crore, as against Rs. 3.79 crore considered in the

MYT Order. MBPPL has claimed the actual interest on CSD paid/adjusted in FY 2015-16 of Rs. 0.32 crore, as recorded in its audited accounts.

The computation of allowable IoWC and interest on CSD for FY 2015-16 is shown in the Table below:

Table 2-13: Interest on Working Capital and Consumers' Security Deposit for FY 2015-16 (Rs. Crore)

Sr. No.	Particulars	MYT Order	Actual for true-up
1	One-twelfth (1/12) of amount of O&M expenses	0.26	0.41
2	One-twelfth (1/12) of sum of the book value of stores, materials and supplies including fuel on hand at the end of each month of such financial year	0.00	0.00
3	Two months equivalent of expected revenue from sale of electricity at prevailing tariff	9.80	9.70
4	Less: Amount held as Security Deposit from consumers	3.79	3.57
5	Less: One-month equivalent of cost of Power Purchase	2.87	2.95
6	Total Working Capital Requirement	3.40	3.58
7	Rate of Interest (% p.a.)	14.05%	14.05%
8	Interest on Working Capital	0.43	0.49
	Interest on Consumers' Security Deposit		
9	Interest on Security Deposit	0.29	0.32

MBPPL requests the Hon'ble Commission to approve the above computed normative IoWC and actual interest on CSD, after truing up for FY 2015-16.

2.11 Return on Equity

MBPPL has computed the Return on Equity (RoE) at 15.5% and 17.5% for the Wires Business and Supply Business, respectively, in accordance with the MYT Regulations, 2011, on the opening equity for FY 2015-16 and 50% of the capitalisation during FY 2015-16, by considering the normative equity as 30% of the capitalisation considered in earlier paragraphs. As MBPPL commenced its operations from April 9, 2015, the RoE for FY 2015-16 has been computed proportionately. The allowable RoE for FY 2015-16 is shown in the Table below:

Table 2-14: Return on Equity for FY 2015-16 (Rs. Crore)

Sr. No.	Particulars	MYT Order	Actual for true-up
	Distribution Wires Business		
1	Regulatory Equity at the beginning of the year	12.99	12.99
2	Capitalisation during the year	3.34	7.59
3	Consumer Contribution and Grants used during the year for Capitalisation	0.53	0
4	Equity portion of capitalisation during the year	0.84	2.28
5	Reduction in Equity Capital on account of retirement / replacement of assets	0.00	0.00
6	Regulatory Equity at the end of the year	13.83	15.27
7	Rate of Return	15.5%	15.5%
8	Return on Equity	2.03	2.14
	Retail Supply Business		
9	Regulatory Equity at the beginning of the year	0.43	0.43
10	Capitalisation during the year	0.43	0.25
11	Consumer Contribution and Grants used during the year for Capitalisation	0.01	0.00
12	Equity portion of capitalisation during the year	0.13	0.07
13	Reduction in Equity Capital on account of retirement / replacement of assets	0.00	0.00
14	Regulatory Equity at the end of the year	0.55	0.50
15	Rate of Return	17.5%	17.5%
16	Return on Equity	0.08	0.10

MBPPL request the Hon'ble Commission to approve the above computed RoE after truing up for FY 2015-16.

2.12 Income Tax

The Hon'ble Commission has recorded as under in the MYT Order in Case No. 10 of 2016, regarding the Income Tax to be allowed for FY 2015-16:

"3.13.10 In its Judgment in Appeal No. 174 of 2009, the ATE has explained the methodology for computation of Income Tax as follows:

"11. The issue of income tax relates to the fact that the State Commission deals with regulatory accounts of each licensed business. The State Commission is required to adjust the regulatory accounts' income to the taxation accounts. This could be done in 2 alternative methods. One by Profit before Tax method and second by the method of Return on Equity. Profit before Tax method is followed while truing-up as details of all the

elements are available by then. The second method is followed while submitting the details for APR or for tariff determination, as all adjustment details are not available at the point of submission.”

3.13.11 Thus, the RoE- based methodology should be followed by computing the Income Tax or estimating the ARR for future years as the actual data is not available, while computation using the PBT method should be followed in case of final true-up since the actual income and expenditure details are then available. Accordingly, the Commission has applied the RoE method for computation of Income Tax. The true-up based on audited Annual Accounts will be undertaken in subsequent MTR proceedings.”

Thus, the Hon’ble Commission has stated that at the time of true-up for FY 2015-16, the Income Tax allowable shall be computed on the basis of the actual income and expenditure. This is the same approach being followed for other Distribution Licensees such as RInfra-D and TPC-D, whose regulated business is part of a Company, and separate Income Tax is not paid for the regulated business, but for the Company as a whole.

Accordingly, MBPPL has calculated the Income Tax for the regulated Distribution Licensee business for FY 2015-16, based on the revenue and expenses offered for true-up in this Petition. The detailed calculations of Income Tax are provided in Form 12 of the Formats prescribed by the Hon’ble Commission, which have been submitted along with this Petition.

The Income Tax allowable for MBPPL for FY 2015-16 is shown in the Table below:

Table 2-15: Income Tax for FY 2015-16 (Rs. Crore)

Sr. No.	Particulars	MYT Order	Actual for true-up
1	Income Tax	0.50	2.21
2	Income Tax for Wires Business	0.45	1.99
3	Income Tax for Retail Supply Business	0.05	0.22

MBPPL request the Hon’ble Commission to approve the above Income Tax after truing up for FY 2015-16.

2.13 Provision for Bad and Doubtful Debts

MBPPL has not considered any provisioning for bad debts as no such provisioning has been done in its audited accounts for FY 2015-16.

2.14 Contribution to Contingency Reserve

The contribution to contingency reserves for FY 2015-16 has been considered at 0.50% of the opening GFA, as approved by the Hon'ble Commission in the MYT Order in Case No. 10 of 2016, and as shown in the Table below:

Table 2-16: Contribution to Contingency Reserve for FY 2015-16 by MBPPL (Rs. Crore)

Sr. No.	Particulars	MYT Order	Actual for true-up
	Distribution Wires Business		
1	Opening GFA	43.30	43.30
2	Contribution to Contingency Reserves for Wires Business	0.22	0.22
	Retail Supply Business		
3	Opening GFA	1.42	1.42
4	Contribution to Contingency Reserves for Wires Business	0.01	0.01

MBPPL requests the Hon'ble Commission to approve the actual contribution to the contingency reserve after truing up for FY 2015-16.

2.15 Non-Tariff Income

MBPPL has considered the actual Non-Tariff Income of Rs. 0.29 Crore, based on the audited accounts for FY 2015-16, which comprises income from service connection and other charges and income from electricity deposits, as shown in the Table below:

Table 2-17: Non-Tariff Income for FY 2015-16 (Rs. Crore)

Sr. No.	Particulars	MYT Order	Actuals
	Non-tariff Income	0.02	0.30

MBPPL requests the Hon'ble Commission to approve the actual Non-Tariff Income after truing up for FY 2015-16.

2.16 Revenue from Sale of Electricity

The Hon'ble Commission, vide its Order dated June 13, 2014, had approved the ceiling tariff for MBPPL as the tariff applicable for the respective MSEDCL categories, and had approved the corresponding Tariff schedule for Industrial consumers and facilities for commercial purposes. The Commission, vide its MYT Order dated June 26, 2015 for MSEDCL, revised the tariff for MSEDCL upwards, but MBPPL kept its tariff at the same level, except for reducing the energy charges for LT V(B) category from Rs. 7.01 per kWh to Rs. 6.98 per kWh, and reducing the ToD rebate for night off-peak hours from Rs. 2.50 per kWh to Rs. 1.50 per kWh.

It may be noted that the approved ceiling tariff applicable in MBPPL's licence area, which was based on MSEDCL's approved tariff, was a composite tariff for the entire FY 2015-16, and hence, it is not possible to separate the revenue from Wheeling Charges and Retail Supply Tariff, and hence, the revenue of MBPPL for FY 2015-16 has to be seen in a combined manner. In the MYT Order in Case No. 10 of 2016, the Hon'ble Commission has also considered the revenue from sale of electricity in a consolidated manner.

The category-wise break-up of revenue from Fixed Charges, Demand Charges, Energy Charges, etc., is provided in Form F13 of the Formats prescribed by the Hon'ble Commission, which are submitted along with the Petition. The actual category-wise Revenue from Sale of Electricity in FY 2015-16, is shown in the Table below:

Table 2-18: Actual Revenue from Sale of Electricity for FY 2015-16 (Rs. Crore)

Consumer Category	MYT Order	Actual Revenue for true-up
HT Category	54.01	53.43
HT I	53.84	53.26
HT II	0.17	0.17
LT Category	4.70	4.74
LT II (A)	0.09	0.09
LT II (B)	0.28	0.28
LT II (C)	-	-
LT V (A)	0.15	0.15
LT V (B)	4.27	4.22
Total	58.80	58.17

MBPPL requests the Hon'ble Commission to approve the actual Revenue from Sale of Electricity after truing up for FY 2015-16.

2.17 Summary of Aggregate Revenue Requirement (ARR) for FY 2015-16

The following Table gives the summary of the ARR for the Wires Business and Supply Business of MBPPL for FY 2015-16.

Table 2-19: ARR Summary for FY 2015-16 (Rs. Crore)

Sr. No.	Particulars	MYT Order			Actual for true-up		
		Consolidated ARR	Wires Business	Supply Business	Consolidated ARR	Wires Business	Supply Business
1	Power Purchase cost (Incl. InSTS Charges & MSLDC Fees & Charges)	34.49	-	34.49	35.43	-	35.43
2	O&M Expenses	3.08	2.07	1.01	4.94	3.21	1.73
3	Depreciation	2.19	2.10	0.08	2.36	2.28	0.08
4	Interest on Loan Capital	3.42	3.30	0.12	3.94	3.83	0.11
5	Interest on Working Capital	0.43	0.04	0.39	0.50	0.05	0.45
6	Interest on CSD	0.29	0.03	0.26	0.32	0.03	0.29
7	Provision for bad and doubtful debts	-	-	-	-	-	-
8	Contribution to contingency reserves	0.22	0.22	0.01	0.23	0.22	0.01
9	Income Tax	0.50	0.45	0.05	2.22	2.00	0.22
10	Total Revenue Expenditure	44.62	8.21	36.41	49.93	11.62	38.31
11	Add: Return on Equity	2.12	2.03	0.08	2.24	2.14	0.10
12	Aggregate Revenue Requirement	46.74	10.24	36.49	52.18	13.77	38.41
13	Less: Non-Tariff Income	0.02	-	0.02	0.30	-	0.30
14	Less: Income from other business	-	-	-	-	-	-
15	Total Aggregate Revenue Requirement	46.72	10.24	36.48	51.88	13.77	38.12
18	Revenue from sale of Electricity	58.80			58.17		
19	Revenue Gap/(Surplus)	(12.08)			(6.29)		

As stated earlier, the revenue from sale of electricity in FY 2015-16 cannot be separated between the Wires Business and Supply Business, and hence, the truing up of the Revenue Gap/(Surplus) for FY 2015-16 has to also be done in a consolidated manner. In the MYT Order in Case No. 10 of 2016, the Hon'ble Commission has also considered the Revenue Gap/(Surplus) for FY 2015-16 in a consolidated manner, and had considered the entire Revenue Surplus against the Supply Business. Accordingly, MBPPL requests the Hon'ble Commission to approve the actual consolidated Revenue

Surplus of Rs. 6.29 Crore against the approved surplus of Rs. 12.08 crore in the MYT Order.

In the MYT Order, the Commission has already passed through the Revenue Surplus of Rs. 12.08 crore computed after provisional truing up for FY 2015-16 spread equally over the 4 years of the MYT Control Period, viz., Rs. 3.02 crore in each year from FY 2016-17 to FY 2019-20. The revised Tariffs to be approved by the Hon'ble Commission after truing up for FY 2015-16 and FY 2016-17 and provisional true-up for FY 2017-18, shall be in force for FY 2018-19 and FY 2019-20. The category-wise tariffs approved for FY 2016-17 and FY 2017-18 are already reduced to that extent. As the Revenue Surplus for FY 2015-16 computed by MBPPL works out to be lower, at Rs. 6.29 crore, MBPPL has spread the Revenue Surplus of Rs. 6.29 crore, in the following manner:

Table 2-20: Treatment of Revenue Gap/(Surplus) for FY 2015-16

Sr. No.	Particulars	MYT Order	After Final True-Up
A	Revenue Gap/(Surplus) adjusted in the ARR		
1	of FY 2016-17	(3.02)	(3.02)
2	of FY 2017-18	(3.02)	(3.02)
3	of FY 2018-19	(3.02)	(0.25)
4	of FY 2019-20	(3.02)	-
	Total	(12.08)	(6.29)

It may be noted that the Commission had not computed the Carrying/(Holding) Cost on the Revenue Gap/(Surplus) of FY 2015-16, in the MYT Order in Case No. 10 of 2016, and had stated that this would be subject to truing-up at the time of the MTR.

Accordingly, the Carrying/(Holding) Cost on above Revenue Gap/(Surplus) has been considered while computing the cumulative Revenue Gap/(Surplus) for FY 2018-19 and FY 2019-20, as discussed in subsequent Chapters.

3 Truing up for FY 2016-17 and Provisional Truing up for FY 2017-18

In accordance with Regulation 8.2 of the MYT Regulations, 2015, the Mid-Term Review Petition shall include comparison of actual operational and financial performance vis-à-vis the approved forecast for the first two years, i.e., FY 2016-17 and FY 2017-18. Further, in accordance with Regulation 8.4 of the MYT Regulations, 2015, the Distribution Licensee is required to present during the Mid Term review, aggregate gain or loss on account of controllable and uncontrollable factors for provisional Truing up for FY 2017-18 and the amount of such gains or losses may be shared in accordance with the provisions of the MYT Regulations, 2015.

Accordingly, MBPPL in the present Chapter submits the Truing up for FY 2016-17 and Provisional Truing up for FY 2017-18. The Truing up for FY 2016-17 has been prepared on the basis of audited segmental accounts of MBPPL's Distribution Licensee Business and in accordance with the provisions of MYT Regulations, 2015, as applicable. The copy of audited segmental accounts of MBPPL's Distribution Licensee Business for FY 2016-17 is attached as **Annexure V** to this Petition.

Since, FY 2017-18 is already over, the actual values of energy sales, power purchase and revenue have been considered for FY 2017-18. Accordingly, the provisional Truing up for FY 2017-18 has been prepared based on the actual values of energy sales, power purchase, revenue and estimated values of capitalisation and other revenue expenditure and; in accordance with the provisions of MYT Regulations, 2015, as applicable.

3.1 Energy Sales

The Hon'ble Commission, in the MYT Order in Case No. 10 of 2016, approved the energy sales of 94.19 MU for FY 2016-17 and 107.10 MU for FY 2017-18.

As against the approved sales of 94.19 MU for FY 2016-17, the actual energy sales realised in FY 2016-17 is lower at 82.88 MU. The reduction in actual sales is because of partial occupancy of Building Nos. 9 and 12. The actual energy sales for FY 2016-17 has been considered for Truing up purpose.

Further, it may be noted that the Hon'ble Commission issued the MYT Order in October 2016, wherein consumer categories were revised from those in vogue earlier. However, in the present Petition, MBPPL has showed the energy sales as per consumer categories approved in the MYT Order, in order to facilitate proper comparison.

For the purpose of the provisional Truing up for FY 2017-18, MBPPL has considered the actual sales for FY 2017-18. Accordingly, the energy sales for FY 2016-17 and FY 2017-18 are shown in the following Table:

Table 3-1: Estimated Energy Sales for FY 2017-18 (MU)

Consumer Category & Consumption Slab	FY 2016-17		FY 2017-18	
	MYT Order	Actual for Truing up	MYT Order	Actual for Provisional Truing up
HT Category				
HT I	83.41	74.87	96.25	75.27
HT II	3.73	-	3.73	-
LT Category				
LT I (G-P)	-	-	-	-
LT II (A)	0.12	0.32	0.12	0.63
LT II (B)	0.30	0.46	0.31	0.37
LT III (A)	0.30	0.19	0.30	0.01
LT III (B)	6.34	7.04	6.40	7.13
Grand Total	94.19	82.88	107.10	83.41

MBPPL requests the Hon'ble Commission to approve the actual energy sales for FY 2016-17 and FY 2017-18, after truing up and provisional truing up, respectively, as shown in the above Table.

3.2 Distribution Loss and Energy Balance

The Hon'ble Commission, in the MYT Order, approved the distribution loss of 0.64% for the Control Period from FY 2016-17 to FY 2019-20 on the basis of actual distribution loss of FY 2015-16 after excluding the transformation losses.

After considering the actual energy sales, actual energy purchase and actual Intra-State Transmission Loss based on State Grid Loss account maintained by MSLDC, the

actual distribution loss for FY 2016-17 has been worked out as 0.80%. The same has been claimed for truing up for FY 2016-17.

For the purpose of the provisional Truing up, MBPPL has considered actual distribution losses based on actual energy sales, energy purchase, intra-State transmission loss, etc., which works out as 0.91%.

Further, MBPPL submits that it has established the distribution network primarily on the higher voltage level of 22 kV. Consequently, the Distribution Losses on account of Technical loss in the system are very low. The actual Distribution Loss for FY 2016-17 and FY 2017-18 are 0.80% and 0.91% respectively, which are very low and there is no scope for reducing it further. Also, as Buildings 9 and 12 have not been fully occupied yet, the Distribution Losses may undergo a change after full occupancy.

The Distribution Loss for FY 2016-17 and FY 2017-18 is shown in the following Table:

Table 3-2: Distribution Loss for FY 2016-17 and FY 2017-18

Particulars	FY 2016-17		FY 2017-18	
	MYT Order	Actual for Truing up	MYT Order	Actual for Provisional Truing up
Distribution Loss (%)	0.64%	0.80%	0.64%	0.91%

Regulation 9 of the MYT Regulations, 2015 specifies the Distribution Loss as a controllable factor and the mechanism for sharing of gains or losses on account of variation of Distribution Losses has also been specified. MBPPL requests the Hon'ble Commission not to consider any sharing of gains or losses for distribution loss target for FY 2016-17 in the present Petition and for FY 2017-18 at the time of truing up, as the Distribution Losses are very low and are pure technical losses, depending on the loading conditions, over which MBPPL has very little control.

Further, MBPPL has considered the Energy Balance for FY 2016-17 and FY 2017-18 after taking into account the actual energy sales, actual Distribution Loss and actual energy purchase. Further, MBPPL has considered the actual InSTS loss for FY 2016-17 and FY 2017-18 based on State Grid Loss account maintained by MSLDC. The month-wise InSTS loss statements for FY 2016-17 and FY 2017-18 as available from the

MSLDC’s website are attached here with as **Annexure VI**. The Energy Balance for FY 2016-17 and FY 2017-18 is shown in the following Table:

Table 3-3: Energy Balance for FY 2016-17 and FY 2017-18

Particulars	FY 2016-17		FY 2017-18	
	MYT Order	Actual for truing up	MYT Order	Actual for Provisional truing up
Energy Sales (MU)	94.19	82.88	107.10	83.41
Distribution loss (%)	0.64%	0.80%	0.64%	0.91%
Energy Requirement at T<>D (MU)	94.80	83.55	107.79	84.17
Intra-State Transmission Loss (%)	3.92%	3.63%	3.92%	3.30%
Energy Requirement at G<>T (MU)	98.67	86.70	112.19	87.05

MBPPL requests the Hon’ble Commission to approve the actual Energy Balance for FY 2016-17 and FY 2017-18, after truing up and provisional truing up, respectively, as shown in the above Table.

3.3 Power Purchase Cost

The power purchase cost of MBPPL includes the purchase from conventional sources for meeting its base load and peak load requirement, RPO, purchase from Imbalance Pool, and sale of surplus power made during the year.

Power Purchase for Base Load and Peak Load

As discussed in the earlier Chapter, MBPPL had signed the PPA with a trader viz., Global Energy Power Limited for FY 2015-16 and FY 2016-17 (April to June 2017) for procurement of 6 MW power in each time slot to meet its entire power requirement. MBPPL has purchased power on short-term basis for the following two-time slots:

- 1) Slot - 1: Monday to Sunday, from 00:00 hours to 24:00 hours
- 2) Slot - 2: Monday to Friday, from 08:00 hours to 23:00 hours

The above-said PPA was approved by the Hon’ble Commission vide its Order dated December 30, 2014 in Case No. 178 of 2014.

The Hon'ble Commission vide Order dated February 26, 2016 in Case No. 49 of 2015 approved the medium-term procurement of 20 MW power, including 10 MW as base load on round the clock (RTC) basis and 10 MW as peak load from 0800 to 2300 hours from Monday to Friday, from April, 2016 onwards through Competitive Bidding.

Further, in order to maintain the supply of power in the interim, in the MYT Order, the Hon'ble Commission allowed MBPPL to procure short-term power at a rate not exceeding that approved in the Order dated December 30, 2014 in Case No. 178 of 2014 till June 30, 2016 or till the medium-term procurement based on the fresh Competitive Bidding process can start, whichever is earlier.

Subsequently, after completion of the process of Medium term procurement of power through Competitive Bidding, MBPPL has entered into Medium-Term PPA for 10 MW with M/s. Jindal Power Limited (JPL) for meeting the Base Load demand and for 10 MW with M/s. GMR Energy Trading Limited (GMRETL) to meet the Peak load demand for a period of 5 years from 1 July, 2016 to 30 June, 2021. The Hon'ble Commission has approved the PPA and adopted the lowest tariff as a result of the process of competitive bidding followed by MBPPL.

In view of the above, during the period from April, 2016 to June 2016, MBPPL has purchased power from Global Energy and from July, 2016 onwards, the power has been purchased from JPL and GMRETL under their respective PPAs.

For the purpose of Truing up for FY 2016-17, MBPPL has considered the actual power purchase quantum and cost from Global Energy, JPL and GMRETL.

Since FY 2017-18 is already over, the details of actual power purchase quantum and cost from JPL and GMRETL are available with MBPPL. Accordingly, it has considered the same for the purpose of the provisional Truing up for FY 2017-18.

Further, MBPPL clarifies that the Generator is entitled to incentive for supply beyond 85% of contracted capacity, which is calculated on monthly basis as per the Agreement of Power Purchase (APP) - Clause No. 11.6 - Incentives and Damages.

The details of month-wise power purchase for FY 2016-17 and FY 2017-18 are provided in Form 2.1 of the Formats prescribed by the Hon'ble Commission, submitted along with this Petition.

Renewable Purchase Obligation

MBPPL has taken the RPO targets for FY 2016-17 and FY 2017-18 as specified in the MERC RPO Regulations, 2016. The RPO targets are 1% for Solar and 10.00% for Non-Solar for FY 2016-17 and 2.00% for Solar and 10.50% for Non-Solar for FY 2017-18. For meeting the RPO Obligation for FY 2016-17, MBPPL has purchased 678 Nos. of Solar RECs and 6945 Nos. of Non-Solar RECs at total cost of Rs. 1.52 Crore. The documentary evidence of RECs purchase in the form of purchase receipt is attached as **Annexure VIII**.

Further, for meeting the RPO Obligation for FY 2017-18, MBPPL has purchased 4,000 Nos. of Non-Solar RECs at total cost of Rs. 1.51 Crore and 1,000 Nos. of Solar RECs at total cost of Rs. 0.02 Crore. Further, MBPPL submits that it has purchase Solar RECs in April 2017. Thereafter, it was not able to purchase Solar RECs because of stay of Hon'ble Supreme Court. After vacation of the stay, MBPPL has purchased 1,000 Nos. of Solar RECs in the month of April 2018 towards RPO obligation of FY 2017-18. However, the same has not been considered in the present Petition and will be considered at time of Truing up for FY 2018-19, as the expenditure has been incurred in FY 2018-19.

Imbalance Pool

MBPPL has considered the actual quantum of purchase from imbalance pool for FY 2016-17 and FY 2017-18 based on FBSM bills received from MSLDC.

Sale of Surplus Power

MBPPL has entered into a PPA for capacity of 20 MW. Because of deferment of work of Building No. 15, the increase in load envisaged has not happened in FY 2017-18. Hence, there is surplus power available with MBPPL from the sources of JPL and GMRETL.

For FY 2016-17 and FY 2017-18, MBPPL has considered the actual quantum and revenue from sale of surplus power. During FY 2016-17, MBPPL sold 15.22 MU at



average rate of Rs. 3.11/kWh, which led to realisation of revenue of Rs. 4.74 Crore. During FY 2017-18, MBPPL sold 15.72 MU at average rate of Rs. 3.97/kWh, which led to realisation of revenue of Rs. 6.23 Crore.

The revenue from sale of surplus power has been deducted from the power purchase cost in order to pass on the benefits to the consumers.

It may be noted that MBPPL has sold surplus power purchase from JPL and GMRETL. The weighted average cost of purchase from both sources for FY 2016-17 and FY 2017-18 works out to Rs. 3.59/kWh and Rs. 3.67/kWh, respectively. As per the PPA, Fixed Charges for JPL and GMRETL are Rs. 1.37/kWh and Rs. 1.60/kWh, respectively, for FY 2016-17 and Rs. 1.39/kWh and Rs. 1.62/kWh, respectively, for FY 2017-18. However, the sale of surplus power was made at average rate of Rs. 3.11/kWh in FY 2016-17 and Rs. 3.97/kWh in FY 2017-18. Thus, it is seen that the transaction of sale of surplus power was not only able to recover the full Fixed Charges paid to JPL and GMRETL, but also a large part of the Energy Charges in FY 2016-17 and more than the Energy Charges in FY 2017-18. Hence, the transaction of sale of surplus power was beneficial and the benefits accrued from the same have been passed on to the consumers.

The actual power purchase quantum and cost for FY 2016-17 is shown in the following Table:

Table 3-5: Power Purchase Cost for FY 2016-17

Source of Power (Station wise)	MYT Order			Actual for Truing up		
	Quantum (MU)	Cost (Rs. Crore)	Per unit cost (Rs./kWh)	Quantum (MU)	Cost (Rs. Crore)	Per unit cost (Rs./kWh)
Purchase from Short-Term Source	20.82	8.08	3.88	23.36	8.82	3.78
Medium-Term PPA - Base Load	55.90	20.79	3.72	62.66	21.25	3.39
Medium-Term PPA - Peak Load	25.25	9.39	3.72	18.99	7.84	4.13
Sale of Surplus Power	(3.29)	(1.22)	3.72	(15.22)	(4.74)	3.11
Imbalance Pool	-	-	-	(3.09)	-	-
Rebate	-	-	-	-	(0.30)	-
Solar REC Purchase	-	0.35	3.50	-	0.26	-

Source of Power (Station wise)	MYT Order			Actual for Truing up		
	Quantum (MU)	Cost (Rs. Crore)	Per unit cost (Rs./kWh)	Quantum (MU)	Cost (Rs. Crore)	Per unit cost (Rs./kWh)
Non-Solar Purchase	-	1.48	1.5	-	1.26	-
Total	98.67	38.86	3.94	86.70	34.39	3.97

Further, it is submitted that the FBSM settlements by MSLDC are not available for FY 2016-17. As a result, the Power Purchase expenses for FY 2016-17 were not finalised at the time of preparing the Annual Accounts for FY 2016-17. While preparing the books of accounts for FY 2016-17, MBPPL included the provisioning towards IBSM/FBSM settlement based on monthly estimates for FY 2016-17. This led to difference in the Power Purchase expenses shown in the Annual Accounts vis-à-vis claimed in the table above. In case of any difference on account of subsequent DSM reconciliations, the difference in amount shall be claimed in the true-up of subsequent years.

The actual power purchase quantum and cost for FY 2017-18 is shown in the following Table:

Table 3-6: Power Purchase Cost for FY 2017-18

Source of Power (Station wise)	MYT Order			Actual for provisional Truing up		
	Quantum (MU)	Cost (Rs. Crore)	Per unit cost (Rs./kWh)	Quantum (MU)	Cost (Rs. Crore)	Per unit cost (Rs./kWh)
Medium-Term PPA - Base Load	74.46	27.70	3.72	77.51	27.36	3.53
Medium-Term PPA - Peak Load	33.66	12.52	3.72	27.90	11.20	4.02
Sale of Surplus Power	-	-	-	(15.72)	(6.23)	3.97
Purchase of Additional Power	4.07	1.51	3.72	-	-	-
Imbalance Pool	-	-	-	(2.64)	-	-
Rebate	-	-	-	-	(0.35)	-
Solar REC Purchase	-	0.79	3.50	-	0.02	-
Non-Solar Purchase	-	1.77	1.50	-	1.51	-
Total	112.19	44.29	3.95	87.05	33.50	3.85

MBPPL requests the Hon'ble Commission to approve the actual Power purchase quantum and cost for FY 2016-17 and FY 2017-18, after truing up and provisional truing up, respectively, as shown in the above Tables.

3.4 Intra-State Transmission and MSLDC Charges

The Hon'ble Commission in the MYT Order approved the Intra-State Transmission Charges and MSLDC Charges on the basis of the Hon'ble Commission's Order dated July 22, 2016 in Case No. 91 of 2016 determining the InSTS Tariff and Order dated July 22, 2016 in Case No. 20 of 2016 determining the MSLDC Charges.

For FY 2016-17 and FY 2017-18, MBPPL has considered the actual Intra-State Transmission Charges and MSLDC Charges.

Table 3-4: InSTS Charges and MSLDC Charges for FY 2016-17 and FY 2017-18 (Rs. Crore)

Particulars	FY 2016-17		FY 2017-18	
	MYT Order	Actual for Truing up	MYT Order	Actual for provisional Truing up
Intra-State Transmission Charges	4.04	4.89	5.18	5.18
MSLDC Charges	0.01	0.01	0.02	0.02

MBPPL requests the Hon'ble Commission to approve the actual InSTS Transmission Charges and MSLDC Charges for FY 2016-17 and FY 2017-18, after truing up and provisional truing up, respectively, as shown in the above Table.

3.5 O&M Expenses

Regulation 72.5 and 81.5 of the MYT Regulations, 2015 specify that in case of a deemed Distribution Licensee, the Hon'ble Commission may decide the O&M expenses on case to basis. Further, Regulation 72.4 and 81.4 specify the principles for approval of O&M expenses for the Control Period. The Hon'ble Commission in the MYT Order has approved O&M Expenses for the Control Period after applying the escalation factor of 2.97% on the approved O&M Expenses for FY 2015-16.

Further, the Hon'ble Commission vide Notification dated November 29, 2017 issued the MERC (MYT) (First Amendment) Regulations, 2017, wherein the Regulations 72.1

to 72.5 regarding the O&M expenses of Distribution Wires Business have been amended as under:

“72.1 The Operation and Maintenance expenses for the Distribution Wires Business shall be computed in accordance with this Regulation.

72.2 The Operation and Maintenance expenses shall be derived on the basis of the Final Trued-up Operation and Maintenance expenses after adding/deducting the sharing of efficiency gains/losses, for the year ending March 31, 2016, excluding abnormal expenses, if any, subject to prudence check by the Commission, and shall be considered as the Base Year Operation and Maintenance expenses.

72.3 The Operation and Maintenance expenses for each subsequent year shall be determined by escalating these Base Year expenses for FY 2015-16 by an inflation factor with 30% weightage to the average yearly inflation derived based on the monthly Wholesale Price Index of the past five financial years as per the Office of Economic Advisor of Government of India and 70% weightage to the average yearly inflation derived based on the monthly Consumer Price Index for Industrial Workers (all-India) of the past five financial years as per the Labour Bureau, Government of India, as reduced by an efficiency factor of 1% or as may be stipulated by the Commission from time to time, to arrive at the permissible Operation and Maintenance expenses for each year of the Control Period:

Provided that, in the Truing-up of the Operation and Maintenance expenses for any particular year of the Control Period, an inflation factor with 30% weightage to the average yearly inflation derived based on the monthly Wholesale Price Index of the past five financial years (including the year of Truing-up) and 70% weightage to the average yearly inflation derived based on the monthly Consumer Price Index for Industrial Workers (all-India) of the past five financial years (including the year of Truing-up), as reduced by an efficiency factor of 1% or as may be stipulated by the Commission from time to time, shall be applied to arrive at the permissible Operation and Maintenance Expenses for that year.



72.4 In the case of a Deemed Distribution Licensee whose tariff is yet to be determined by the Commission till the coming into force of these Regulations, the Commission may determine the Operation and Maintenance expenses on a case to case basis.”(emphasis added)

Further, Regulations 81.1 to 81.5 regarding the O&M expenses for Retail Supply Business have been amended as under:

“81.1 The Operation and Maintenance expenses for the Retail Supply Business shall be computed in accordance with this Regulation.

81.2 The Operation and Maintenance expenses shall be derived on the basis of the Final Trued-up Operation and Maintenance expenses after adding/deducting the sharing of efficiency gains/losses, for the year ending March 31, 2016, excluding abnormal expenses, if any, subject to prudence check by the Commission, and shall be considered as the Base Year Operation and Maintenance expenses.

81.3 The Operation and Maintenance expenses for each subsequent year and in the Truing-up of the respective years of the Control Period shall be determined in the same manner as specified in Regulation 72.3.

81.4 In the case of a Deemed Distribution Licensee whose tariff is yet to be determined by the Commission till the coming into force of these Regulations, the Commission may determine the Operation and Maintenance expenses on a case to case basis.”

In view of the above-said Regulations, the escalation factor for O&M expenses has been revised from 2.97% to 4.75%. The computation of 4.75% is as under:

5-year average of monthly WPI Increase (A) – 2.29%

5-year average of monthly CPI Increase (B) – 7.23%

Efficiency Factor (C) – 1%

Escalation factor for O&M Expenses = $\{(A \times 30\% + B \times 70\%) - C\} = 4.75\%$

As per the above said Regulations, Base Year O&M Expenses shall be the final Trued-up O&M expenses after adding/deducting the sharing of efficiency gains/losses for

FY 2015-16. In the present Petition, MBPPL has requested the Hon'ble Commission to approve the actual O&M expenses of Rs. 3.21 Crore for the Wires Business and Rs. 1.73 Crore for the Retail Supply Business, in the Truing up for FY 2015-16. As the actual O&M expenses are sought to be allowed in the Truing up for FY 2015-16, there is no relevance of the computation of efficiency gains/losses, which has not been done.

In view of the above, for computing the normative O&M expenses, the actual O&M expenses claimed for Truing up for FY 2015-16 has been considered as Base Year O&M Expenses. Further, the normative O&M expenses for FY 2016-17 and FY 2017-18 have been derived by applying the escalation factor of 4.75% on Base Year O&M Expenses.

Further, MBPPL submits that as regards the Employee Expenses, MBPPL has entered into a Corporate Services Agreement with its parent organisation KRCSPL. As per the said Agreement, Employee Expenses are payable to KRCSPL at 35 paise per unit of Energy Sales for FY 2015-16 and further escalation of 12% shall be applied annually, to arrive at the norm for subsequent years. Accordingly, norms have been computed as 39 paise/kWh for FY 2016-17 and 44 paise/kWh for FY 2017-18.

As regards R&M Expenses, MBPPL has entered into an Agreement with Vatsa Electric Company for repair and maintenance of the distribution network.

As discussed in earlier Chapter, MBPPL requests the Hon'ble Commission to consider the cost of corporate services at 39 Paise/kWh for FY 2016-17, as comparable offers have not been received even after sufficient efforts taken by MBPPL.

Further, MBPPL also respectfully submits that there is no scope for disallowance of any sub-head of each head of O&M expenses. The item-wise break-up of each head and sub-head of actual A&G expenses and R&M expenses are detailed below, with all supporting Work Orders, for the kind consideration of the Hon'ble Commission:

Table 3-5: Item-wise details of actual A&G and R&M Expenses for FY 2016-17 (Rs. crore)

Head of Expenses	Description of expenses	Amount (in Rs.)	PO No.
A&G	1) Regulatory Expenses		
	1A - MERC Annual Licence Fees and Fees for filing the Petition	4,45,200	
	Annual Licence Fees FY 2016-17	3,34,450	
	MERC fees for Review Petition	1,00,750	
	MERC fees for Addendum petitions	10,000	
	1B- Expenses towards Consultant/CGRF/Electrical Inspector and Honorary Fees	10,00,000	
	Payment for consultancy services for filing the Petition	3,00,000	4800094262
	Payment for consultancy services for filing the Petition	1,60,000	4800103850
	Salary towards salary of CGRF Chairman	3,60,000	4800093840
	Expenses towards EI visit	1,80,000	4800100803
	1C- Printing and Advertising expenses towards publishing Petition/Notices	4,05,393	
	Petition - Printing, Scanning & spiral binding	10,080	4500136601
	Petition - Printing, Scanning & spiral binding	14,588	4500138792
	Petition - Printing, Scanning & spiral binding	14,490	4500138795
	Advertisement for Notice inviting tender	1,66,542	4800097852
	English to Marathi Translation Charges	11,500	4800097857
	Advertising charges for publishing tariff notice	1,88,193	4800103823
A&G	2) Site Expenses	2,05,647	
	Conveyance Expenses	43,777	
	Staff Welfare Expenses	1,45,862	
	Minor Repairs Expenses	8,003	
	Consumables Expenses	8,005	
A&G	3) Office Expenses	5,00,129	
	Bus transport charges	17,000	4800103680
	Study tour Expenses	1,19,004	
	Professional Fees towards site visit for Hydro Power plant	3,64,125	
A&G	4) Expenses for SAP Billing System	1,71,172	



Head of Expenses	Description of expenses	Amount (in Rs.)	PO No.
A&G	SAP Maintenance cost for Billing System	1,71,172	4800104227
	7) Electricity Charges - Distribution Licensee office and Switching Station	3,60,153	
	Electricity Consumption 1150000050 @ Distribution Licensee Office for May, 2016	44,800	
	Electricity Consumption 1150000050 @ Distribution Licensee Office for June, 2016	41,984	
	Electricity Consumption 1150000050 @ Distribution Licensee Office for April, 2016	36,266	
	Electricity Consumption 1150000050 @ Distribution Licensee Office for August, 2016	27,453	
	Electricity Consumption 1150000050 @ Distribution Licensee Office for July, 2016	26,026	
	Electricity Consumption 1150000050 @ Distribution Licensee Office for September, 2016	26,015	
	Electricity Consumption 1150000050 @ Distribution Licensee Office for March, 2017	25,148	
	Electricity Consumption 1150000050 @ Distribution Licensee Office for October, 2016	20,166	
	Electricity Consumption 1150000050 @ Distribution Licensee Office for February, 2016	19,053	
	Electricity Consumption 1150000050 @ Distribution Licensee Office for November, 2016	16,168	
	Electricity Consumption 1150000050 @ Distribution Licensee Office for December, 2016	16,131	
	Electricity Consumption 1150000050 @ Distribution Licensee Office for January, 2017	14,312	
	Electricity Consumption 1150000104 @ Distribution Licensee Office for November, 2016	4,522	
	Electricity Consumption 1150000104 @ Distribution Licensee Office for August, 2016	4,172	
	Electricity Consumption 1150000104 @ Distribution Licensee Office for July, 2016	4,133	
	Electricity Consumption 1150000104 @ Distribution Licensee Office for March, 2017	4,022	
	Electricity Consumption 1150000104 @ Distribution Licensee Office for October, 2016	3,943	
	Electricity Consumption 1150000104 @ Distribution Licensee Office for September, 2016	3,828	
Electricity Consumption 1150000104 @ Distribution Licensee Office for December, 2016	3,789		
Electricity Consumption 1150000104 @ Distribution Licensee Office for April, 2016	3,786		
Electricity Consumption 1150000104 @ Distribution Licensee Office for February, 2016	3,761		
Electricity Consumption 1150000104 @ Distribution Licensee Office for June, 2016	3,665		
Electricity Consumption 1150000104 @ Distribution Licensee Office for May, 2016	3,589		
Electricity Consumption 1150000104 @ Distribution Licensee Office for January, 2017	3,421		
1) R&M - HT Electrical System		18,39,253	
Supply of Ashida Make Relay		4,32,210	4500129252

[Handwritten Signature]



Head of Expenses	Description of expenses	Amount (in Rs.)	PO No.
	Lead Acid Battery	25,200	4500139269
	Replacement - 22 kV HT touchproof termination kit	3,60,100	4500140868
	Wiring loom & 22 kV PT	37,249	4500143537
	S/S HT panel Inside Painting work	4,35,000	4800094558
	Cable fault rectification work	52,000	4800099242
	Cable fault rectification work	52,000	4800099243
	Cable fault rectification work	52,000	4800100805
	Replacement - 22 kV HT touchproof termination kit	54,000	4800104246
	Replacement - 22 kV HT touchproof termination kit	18,994	4800105073
	Cable fault rectification work	1,80,600	4800105075
	Cable fault rectification work	1,32,400	4800105684
	Fixing charges towards 22 kV HT Cubicle	7,500	4800106532
	2) R&M -IT Expenses	1,25,004	
	AMC charges for I-power software (AMR System)	1,25,004	4800100920
	3) R&M -Transformer	3,34,561	
	Supply of Cu Busbar for B#6 Transformer	21,268	4500131896
	Repairs- Transformer Valve with Flange	13,293	4500134566
	Transformer Painting Charges	3,00,000	4800094557
	4) R&M - Vatsa Electric	1,34,63,365	
	Expenses towards outsourced R&M Contract (Apr-16 to Oct-16)	82,59,731	4800094162
	Expenses towards outsourced R&M Contract (Nov-16 to Mar-17)	52,03,634	4800104265
	5) R&M- SCADA lease line	2,31,000	
	Annual leased line charges	2,31,000	
	6) Other expenses	4,73,570	
	Other miscellaneous expenses	4,73,570	

As can be seen from the above item-wise details of actual A&G expenses totalling to Rs. 29.16 lakh in FY 2016-17:

- (a) Rs. 4.45 lakh is towards payment made to the Hon'ble Commission towards Annual Licence Fees and Petition filing fees. There is no doubt that these are legitimate and mandatory expenses and are required to be allowed in total, without any disallowance.
- (b) Rs. 10.00 lakh is towards payment made to the CGRF, Electrical Inspector and Consultant for providing assistance in filing multiple Petitions before the Hon'ble Commission, for complying with the Regulations notified by the Hon'ble Commission and its directions from time to time. As even bigger and well-established Licensees are appointing Consultants regularly for the purpose, MBPPL is also entitled to appoint Consultants for assistance. Such legitimate expenses are also not very high and are required to be allowed in total, without any disallowance.
- (c) Rs. 4.05 lakh is towards printing of Petition and advertisement expenses incurred for publishing tenders and notices in accordance with the Commission's Regulations and Guidelines notified by the Government of India. It may be also noted that MBPPL had proposed to the Hon'ble Commission that instead of publishing the Public Notice on its MYT Petition in newspapers, it would directly communicate the contents to each and every consumer in its licence area, in order to save on such expenditure, however, the Hon'ble Commission rejected MBPPL's request and directed it to publish the Public Notice. Such expenses are legitimate and mandatory expenses and are required to be allowed in total, without any disallowance.
- (d) Rs. 2.05 lakh are site related A&G expenses, and the detailed break-up is provided. It is clear that all these expenses are legitimate and also not very high and are required to be allowed in total, without any disallowance.
- (e) Rs. 3.60 lakh is towards electricity bill payments for self-consumption of switching station, which is charged at the tariffs approved by the Hon'ble Commission. There is no doubt that these are legitimate and mandatory expenses and are required to be allowed in total, without any disallowance.
- (f) The observation of the Hon'ble Commission that the expenses "appear to be high" is also not applicable in the present case, as can be observed from the details of the A&G expenses given above.

Thus, the total actual A&G expenses of Rs. 29.16 lakh needs to be allowed, without any disallowance.

As regards the actual R&M expenses totalling to Rs. 164.67 lakh in FY 2016-17, the expenses have been incurred against the material expenses and R&M contract awarded to M/s Vatsa Electric, which has been appointed after a competitive bidding process. Such R&M expenses are essential and legitimate, and are required to be allowed in total, without any disallowance. The total amount paid to the R&M Contractor is Rs. 134.63 lakh. MBPPL submits the entire details of O&M expenses FY 2016-2017 as **Annexure II B**.

It is submitted that there is sufficient justification and rationale for allowing the actual O&M expenses incurred by MBPPL, as submitted in the audited accounts for FY 2016-17.

Further, for the purpose of provisional Truing up for FY 2017-18, the actual O&M expenses for first half of FY 2017-18 have been considered. The O&M expenses for second half for FY 2017-18 has been estimated based on existing contracts for services and past trends of the expenses.

In view of the above, O&M expenses claimed for FY 2016-17 and FY 2017-18 are shown in the following Table:

Table 3-6: O&M Expenses for FY 2016-17 and FY 2017-18 (Rs. Crore)

Sr. No.	Particulars	FY 2016-17			FY 2017-18		
		MYT Order	Normative	Actual for True-up	MYT Order	Normative	Estimated
Distribution Wires Business							
1	Employee Expenses	2.18	3.36	2.10	2.24	3.52	2.39
2	A&G Expenses			0.19			0.18
3	R&M Expenses			1.08			0.99
4	Total O&M Expenses	2.18	3.36	3.37	2.24	3.52	3.55
Retail Supply Business							
1	Employee Expenses	1.07	1.81	1.13	1.10	1.89	1.29
2	A&G Expenses			0.10			0.10
3	R&M Expenses			0.58			0.58



MBPPL requests the Hon'ble Commission to approve the actual O&M expenses for FY 2016-17 and estimated O&M expenses for FY 2017-18, after truing up and provisional truing up, respectively, as shown in the above Table.

3.6 Capital Expenditure and Capitalisation

The Hon'ble Commission, in the MYT Order, approved Capital expenditure and capitalisation of Rs. 0.75 Crore for FY 2016-17 and Rs. 3.65 Crore for FY 2017-18.

During FY 2016-17, MBPPL has achieved actual capitalisation of Rs. 0.55 Crore towards Non-DPR schemes. The details of works executed during FY 2016-17 are submitted in Forms 4.1 and 4.2 prescribed by the Hon'ble Commission, submitted along with this Petition.

For FY 2017-18, MBPPL has estimated the capital expenditure and capitalisation of Rs. 0.42 Crore against Non-DPR schemes.

The Capital expenditure and capitalisation submitted for FY 2016-17 and FY 2017-18 are shown in the following Table:

Table 3-7: Capital Expenditure & Capitalisation for FY 2016-17 and FY 2017-18 (Rs. Crore)

Particulars	FY 2016-17		FY 2017-18	
	MYT Order	Actual for Truing up	MYT Order	Estimated
Distribution Wires Business				
Capital Expenditure	0.75	0.53	3.64	0.42
Capitalisation	0.75	0.53	3.64	0.42
Retail Supply Business				
Capital Expenditure	-	0.02	0.01	-
Capitalisation	-	0.02	0.01	-

For the purpose of Truing up for FY 2016-17 and provisional Truing up for FY 2017-18, MBPPL has considered the normative debt:equity ratio of 70:30 in accordance with Regulation 26 of the MYT Regulations, 2015. Accordingly, the means of finance for capitalisation for FY 2016-17 and FY 2017-18 is shown in the following Table:

Table 3-8: Means of Finance for FY 2016-17 and FY 2017-18 (Rs. Crore)

Particulars	FY 2016-17		FY 2017-18	
	MYT Order	Actual for Truing up	MYT Order	Estimated
Distribution Wires Business				
Equity	0.23	0.16	1.09	0.13
Debt	0.53	0.37	2.55	0.29
Total Capitalisation	0.75	0.53	3.64	0.42
Retail Supply Business				
Equity	-	0.01	0.00	-
Debt	-	0.01	0.01	-
Total Capitalisation	-	0.02	0.01	-

MBPPL requests the Hon'ble Commission to approve the actual capitalisation for FY 2016-17 and estimated capitalisation for FY 2017-18, after truing up and provisional truing up, respectively, as shown in the above Table.

3.7 Depreciation

MBPPL has computed the depreciation for FY 2016-17 and FY 2017-18 in accordance with Regulation 27 of the MYT Regulations, 2015, by applying the asset class-wise depreciation rate specified in the MYT Regulations, 2015 on the average asset class-wise GFA during the year. Opening GFA for FY 2016-17 has been considered equivalent to closing GFA for FY 2015-16. The addition of GFA for FY 2016-17 and FY 2017-18 has been considered equal to capitalisation for the respective year. It is clarified that 'Disposal/ Adjustment' amount of Rs. 0.2045 Crore shown in Note 6 of Audited Accounts for FY 2016-17 is not the retired asset, but asset de-capitalised on account of transfer of DB Power Online UPS system from Regulated Business to Non-Regulated business. Since, the capitalisation amount towards this asset has not been allowed by the Hon'ble Commission, the de-capitalisation for the same has not been considered while computing the Depreciation for FY 2016-17.

The asset-class wise depreciation has been submitted in Forms 5, 5.1 and 5.2 submitted along with this Petition. The depreciation claimed by MBPPL for FY 2016-17 and FY 2017-18 is shown in the following Table:

Table 3-9: Depreciation for FY 2016-17 and FY 2017-18 (Rs. Crore)

Particulars	FY 2016-17		FY 2017-18	
	MYT Order	Actual for Truing up	MYT Order	Estimated

Distribution Wires Business				
Opening GFA	46.64	50.89	47.39	51.42
Additions during the Year	0.75	0.53	3.64	0.42
Retirement during the year	-	-		-
Closing GFA	47.39	51.42	51.03	51.84
Depreciation	2.26	2.52	2.37	2.54
Retail Supply Business				
Opening GFA	1.85	1.67	1.85	1.69
Additions during the Year	-	0.02	0.01	-
Closing GFA	1.85	1.69	1.86	1.69
Depreciation	0.10	0.09	0.10	0.09

MBPPL requests the Hon'ble Commission to approve the depreciation for FY 2016-17 and estimated depreciation for FY 2017-18, after truing up and provisional truing up, respectively, as shown in the above Table.

3.8 Interest on Long Term Loan Capital

MBPPL has computed the Interest on Long Term Loan Capital in accordance with Regulation 29 of the MYT Regulations, 2015. The Opening balance of net normative loan for FY 2016-17 has been considered equal to closing balance of net normative loan considered for FY 2015-16 in the present Petition. MBPPL has computed the interest on normative Loan against the capitalisation shown in earlier paragraphs. For arriving at the debt component, the normative debt: equity ratio of 70:30 has been considered. The depreciation has been considered as normative repayment of loan during the year. The interest on loan had been calculated on the average normative loan for the year by applying the weighted average rate of 10.57% for FY 2016-17 and 10.45% for FY 2017-18 in accordance with Regulation 29.5 of the MYT Regulations, 2015.

The Interest on Long Term Loan capital claimed by MBPPL for FY 2016-17 and FY 2017-18 is shown in the following Table:

Table 3-10: Interest on Long Term Loan Capital for FY 2016-17 and FY 2017-18 (Rs. Crore)

Particulars	FY 2016-17		FY 2017-18	
	MYT Order	Actual for Truing up	MYT Order	Estimated
Distribution Wires Business				
Opening Balance of normative loan	30.17	33.34	28.44	31.19
Addition of normative loan during the year	0.53	0.37	2.55	0.29

Particulars	FY 2016-17		FY 2017-18	
	MYT Order	Actual for Truing up	MYT Order	Estimated
Normative Loan Repayment during the year	2.26	2.52	2.37	2.54
Closing Balance of normative loan	28.44	31.19	28.62	28.94
Average loan balance during the year	29.31	32.26	28.53	30.07
Applicable Interest Rate (%)	10.90%	10.57%	10.90%	10.45%
Interest Expenses	3.19	3.41	3.11	3.14
Financing Charges	-	0.001	-	-
Interest on Long Term Loan Capital	3.19	3.41	3.11	3.14
Retail Supply Business				
Opening Balance of normative loan	1.20	1.09	1.10	1.01
Addition of normative loan during the year	0.01	0.01	0.01	-
Normative Loan Repayment during the year	0.10	0.09	0.10	0.09
Closing Balance of normative loan	1.10	1.01	1.02	0.92
Average loan balance during the year	1.15	1.05	1.07	0.96
Applicable Interest Rate (%)	10.90%	10.57%	10.90%	10.45%
Interest Expenses	0.13	0.11	0.12	0.10
Financing Charges	-	0.00	0.00	-
Interest on Long Term Loan Capital	0.13	0.11	0.12	0.10

MBPPL requests the Hon'ble Commission to approve the interest on long-term loans for FY 2016-17 and estimated interest on long-term loans for FY 2017-18, after truing up and provisional truing up, respectively, as shown in the above Table.

3.9 Return on Equity

MBPPL has considered the RoE for FY 2016-17 and FY 2017-18 in accordance with Regulation 28 of the MYT Regulations, 2015. MBPPL has computed the RoE at 15.50% and 17.50% for the Wires Business and Supply Business, respectively, on the opening equity for respective year and 50% of the capitalisation during the year, by considering the normative equity as 30% of the capitalisation considered in earlier paragraphs.

The RoE claimed by MBPPL for FY 2016-17 and FY 2017-18 is shown in the following Table:

Table 3-11: Return on Equity for FY 2016-17 and FY 2017-18 (Rs. Crore)

Particulars	FY 2016-17		FY 2017-18	
	MYT Order	Actual for Truing up	MYT Order	Estimated
Distribution Wires Business				

Particulars	FY 2016-17		FY 2017-18	
	MYT Order	Actual for Truing up	MYT Order	Estimated
Regulatory Equity at the beginning of the year	13.83	15.27	14.06	15.43
Equity portion of capitalisation during the year	0.23	0.16	1.09	0.13
Regulatory Equity at the end of the year	14.06	15.43	15.15	15.55
Rate of Return (%)	15.50%	15.50%	15.50%	15.50%
Return on Equity	2.16	2.38	2.26	2.40
Retail Supply Business				
Regulatory Equity at the beginning of the year	0.55	0.50	0.55	0.51
Equity portion of capitalisation during the year	-	0.01	-	-
Regulatory Equity at the end of the year	0.55	0.51	0.55	0.51
Rate of Return (%)	17.50%	17.50%	17.50%	17.50%
Return on Equity	0.10	0.09	0.10	0.09

MBPPL requests the Hon'ble Commission to approve Return on Equity after final truing up for FY 2016-17 and provisional true-up for FY 2017-18 as shown in the above Table.

3.10 Interest on Working Capital and Consumer's Security Deposit

MBPPL has computed the normative working capital requirement in accordance with the MYT Regulations, 2015, based on the individual components as claimed in earlier paragraphs.

For the purpose of Truing-up for any year, interest on working capital shall be allowed at a rate equal to the weighted average base Rate prevailing during the concerned year plus 150 basis points. For computation of rate of Interest for FY 2016-17, MBPPL has considered the weighted average Base Rate plus 150 basis points, i.e., Base Rate for different periods of the year as declared by State Bank of India plus 150 basis points, which works out to be 10.79%. The computation of Weighted Average Base Rate for FY 2016-17 is provided in the table below:

Table 3-12: Weighted Average Interest Rate Calculation for FY 2016-17

Period		Days	Effective Rate (Base rate+150 basis points)
From	To		

01-Apr-16	31-Dec-16	275.00	10.80%
01-Jan-17	31-Mar-17	90.00	10.75%
Weighted Average Interest Rate		365.00	10.79⁰%

The Hon'ble Commission has notified the MERC (MYT) (First Amendment) Regulations, 2017 on 29 November, 2017. In the amendment, the Hon'ble Commission has revised the formulation for Base Rate, which is now linked to the Marginal Cost of Funds-based Lending Rate (MCLR) of SBI.

For FY 2017-18, Base Rate has been considered as Base Rate declared by State Bank of India for April 1, 2017 to November 30, 2017, and from December 1 onwards Base Rate has been considered as 1-year MCLR declared by State Bank of India. So, the weighted average rate of interest has been worked out as 10.17%. The computation of the same has been shown in the table below:

Table 3-13: Weighted Average Interest rate computation for FY 2017-18

Period		Days	Effective Rate
From	To		
01-Apr-17	30-Jun-17	91.00	10.60%
01-Jul-17	30-Sep-17	92.00	10.50%
01-Oct-17	30-Nov-17	61.00	10.45%
01-Dec-17	31-Mar-18	121.00	9.45%
Weighted Average Interest Rate		365.00	10.17%

As regards the CSD, the actual CSD collected in FY 2016-17 was Rs. 3.84 crore. MBPPL has claimed the actual interest of Rs. 0.34 crore on CSD paid/adjusted in FY 2016-17, as recorded in its audited accounts.

The computation of IoWC and interest on CSD for FY 2016-17 and FY 2017-18 is shown in the following Table:

Table 3-14: IoWC and Interest on CSD for FY 2016-17 and FY 2017-18 (Rs. Crore)

Particulars	FY 2016-17		FY 2017-18	
	MYT Order	Actual for Truing up	MYT Order	Estimated
O&M expenses for a month	0.27	0.43	0.28	0.45
Maintenance Spares at 1% of opening GFA	0.48	0.53	0.49	0.53
One and half month's equivalent of expected revenue from sale of electricity	9.16	6.62	10.33	5.59
Less: Amount held as CSD	5.00	3.84	5.77	3.84

Particulars	FY 2016-17		FY 2017-18	
	MYT Order	Actual for Truing up	MYT Order	Estimated
Less: One-month equivalent of cost of Power Purchase, Transmission Charges and MSLDC Charges	3.58	2.87	4.12	2.79
Total Working Capital Requirement	1.35	0.87	1.20	(0.06)
Rate of Interest (% p.a.)	10.80%	10.79%	10.80%	10.17%
Interest on Working Capital	0.15	0.09	0.13	-
Interest on Working Capital for Wires Business	0.01	0.01	0.01	-
Interest on Working Capital for Retail Supply Business	0.13	0.08	0.12	-
Interest on CSD				
Interest on CSD	0.54	0.34	0.62	0.39
Interest on CSD for Wires Business	0.05	0.03	0.06	0.04
Interest on CSD for Retail Supply Business	0.49	0.31	0.56	0.35

MBPPL requests the Hon'ble Commission to approve IoWC and Interest on CSD after final truing up for FY 2016-17 and provisional true-up for FY 2017-18 as shown in the above Table.

3.11 Income Tax

Regulation 33.1 of the MYT Regulations, 2015 specifies as follows:

"33.1 The Commission, in its MYT Order, shall provisionally approve Income Tax payable for each year of the Control Period based on the actual Income Tax paid by the Generating Company or Licensee or MSLDC, in case the Generating Company or Licensee or MSLDC has not engaged in any other regulated or unregulated Business or Other Business, as allowed by the Commission relating to the electricity Business regulated by the Commission, as per latest available Audited Accounts, subject to prudence check:

Provided that in case the Generating Company or Licensee or MSLDC has engaged in any other regulated or unregulated Business or Other Business, and the actual Income Tax paid by the Generating Company or Licensee or MSLDC has to be allocated to the different Businesses, then the Income Tax shall be provisionally allowed based on the Income Tax on the regulatory Profit Before Tax, as allowed by the Commission relating to the electricity Business regulated by the Commission, subject to prudence check:..." (emphasis added)

In view of the above, the Income Tax has been computed on the regulatory Profit Before Tax for FY 2016-17. The computation of Income Tax for FY 2016-17 has been provided in Form 12 of the Formats prescribed by the Hon'ble Commission, which have been submitted along with this Petition.

Further, in MYT Order, the Hon'ble Commission held that the RoE-based methodology should be followed for computing the Income Tax for future years, where actual data is not available. In view of this, MBPPL has projected the Income Tax for FY 2017-18 based on the grossed-up RoE.

The Income Tax claimed by MBPPL for FY 2016-17 and FY 2017-18 has been submitted in the following Table:

Table 3-15: Income Tax for FY 2016-17 and FY 2017-18 (Rs. Crore)

Particulars	FY 2016-17		FY 2017-18	
	MYT Order	Actual for Truing up	MYT Order	Estimated
Income Tax	0.50	0.33	0.50	0.64
Income Tax for Wires Business	0.45	0.30	0.45	0.57
Income Tax for Supply Business	0.05	0.03	0.05	0.06

MBPPL requests the Hon'ble Commission to approve Income Tax after final truing up for FY 2016-17 and provisional true-up for FY 2017-18, as shown in the above Table.

3.12 Provision for Bad and doubtful debts

MBPPL has not claimed any provision for Bad and doubtful debt for FY 2016-17 and FY 2017-18 as no such provisioning has been done in its audited accounts for FY 2016-17 and the entire billed amount has been collected from the consumers.

3.13 Contribution to Contingency Reserve

In line with the MYT Regulations, 2015 and the approach adopted by the Hon'ble Commission in the MYT Order, MBPPL has considered the Contribution to Contingency Reserve at 0.5% of cost of Fixed Assets for FY 2016-17 and FY 2017-18.

The Contribution to Contingency Reserve projected for FY 2016-17 and FY 2017-18 is shown in the following Table:

Table 3-16: Contribution to Contingency Reserves for FY 2016-17 and FY 2017-18 (Rs. Crore)

Sr. No.	Particulars	FY 2016-17		FY 2017-18	
		MYT Order	Actual for Truing up	MYT Order	Estimated
1	Contribution to Contingency Reserves for Wires Business	0.23	0.25	0.24	0.26
2	Contribution to Contingency Reserves for Retail Supply Business	0.01	0.01	0.01	0.01

MBPPL requests the Hon'ble Commission to approve Contribution to the Contingency Reserve after final truing up for FY 2016-17 and provisional true-up for FY 2017-18 as shown in the above Table.

3.14 Non-Tariff Income

MBPPL has considered the actual Non-Tariff Income of Rs. 0.30 Crore, based on the audited accounts for FY 2016-17, which comprises income from service connection and other charges and income from electricity deposits.

Further, for the purpose of provisional Truing up for FY 2017-18, the Non-Tariff Income towards service connection charges has been considered based on actual income incurred during FY 2016-17.

The Non-Tariff Income claimed by MBPPL for FY 2016-17 and FY 2017-18 is shown in the following Table:

Table 3-17: Contribution to Contingency Reserves for FY 2016-17 and FY 2017-18 (Rs. Crore)

Sr. No.	Particulars	FY 2016-17		FY 2017-18	
		MYT Order	Actual for Truing up	MYT Order	Estimated
1	Non-tariff Income for Wires Business	-	-	-	-
2	Non-tariff Income for Retail Supply Business	0.01	0.30	0.01	0.05

MBPPL requests the Hon'ble Commission to approve Non-Tariff Income after truing up for FY 2016-17 and provisional true-up for FY 2017-18, as shown in the above Table.

3.15 Revenue from Sale of Electricity

The Hon'ble Commission, vide its Order dated June 13, 2014, had approved the tariff applicable for the respective MSEDCL categories as the ceiling tariff for MBPPL, and had approved the corresponding Tariff Schedule for Industrial consumers and facilities for commercial purposes. The Commission, vide its MYT Order dated June 26, 2015 for MSEDCL, revised the tariff for MSEDCL upwards, but MBPPL kept its tariff at the same level, except for reducing the energy charges for LT V(B) category from Rs. 7.01 per kWh to Rs. 6.98 per kWh, and reducing the ToD rebate for night off-peak hours from Rs. 2.50 per kWh to Rs. 1.50 per kWh.

It may be noted that the approved ceiling tariff applicable in MBPPL's licence area, which was based on MSEDCL's approved tariff, was a composite tariff till the issuance of MYT Order. After the issuance of MYT Order on October 26, 2016, separate Wheeling Charges and Retail Supply tariff were made applicable. Hence, separate revenue from Wheeling Charges and Retail supply tariff is available only from October 2016. However, combined revenue for FY 2016-17 has to be considered, as the MYT Order was made applicable in mid-year. Also, the combined Revenue Gap/(Surplus) has to be computed for FY 2016-17, in a manner similar to that being done for FY 2015-16.

The category-wise break-up of revenue from Fixed Charges, Demand Charges, Energy Charges, etc., for FY 2016-17 and FY 2017-18 is provided in Form F13 and Form F13.1 of the Formats respectively, which are submitted along with the Petition.

The revenue from electricity for FY 2016-17 and FY 2017-18 submitted by MBPPL in the present Petition is shown in the following Table:

Table 3-18: Revenue from Sale of electricity for FY 2016-17 and FY 2017-18 (Rs. Crore)

Sr. No.	Particulars	FY 2016-17		FY 2017-18	
		MYT Order	Actual for Truing up	MYT Order	Actual for Provisional Truing up
1	Revenue from Sale of Electricity	52.53	52.96	59.40	44.74

3.16 Aggregate Revenue Requirement for FY 2016-17 and FY 2017-18

The Summary of ARR for FY 2016-17 and FY 2017-18 for Distribution Wires Business is shown in the following Table:

Table 3-19: ARR Summary for Wires Business for FY 2016-17 and FY 2017-18 (Rs. Crore)

Sr. No.	Particulars	FY 2016-17		FY 2017-18	
		MYT Order	Actual for Truing up	MYT Order	Estimated
1	Operation & Maintenance Expenses	2.18	3.37	2.24	3.55
2	Depreciation	2.26	2.52	2.37	2.54
3	Interest on Loan Capital	3.19	3.41	3.11	3.14
4	Interest on Working Capital	0.01	0.01	0.01	-
5	Interest on deposit from Consumers and Distribution System Users	0.05	0.03	0.06	0.04
6	Provision for bad and doubtful debts	-	-	-	-
7	Contribution to contingency reserves	0.23	0.25	0.24	0.26
8	Income Tax	0.45	0.30	0.45	0.57
9	Total Revenue Expenditure	8.39	9.90	8.48	10.10
10	Add: Return on Equity Capital	2.16	2.38	2.26	2.40
11	Aggregate Revenue Requirement	10.55	12.28	10.75	12.50
12	Less: Non-Tariff Income	-	-	-	-
13	Less: Income from Other Business	-	-	-	-
14	Total Aggregate Revenue Requirement	10.55	12.28	10.75	12.50

The Summary of ARR for FY 2016-17 and FY 2017-18 for the Retail Supply Business is shown in the following Table:

Table 3-20: ARR Summary for Retail Supply Business for FY 2016-17 and FY 2017-18 (Rs. Crore)

Sr. No.	Particulars	FY 2016-17		FY 2017-18	
		MYT Order	Actual for Truing up	MYT Order	Estimated
1	Power Purchase Expenses (including Inter-State Transmission Charges)	38.86	34.39	44.29	33.50
2	Operation & Maintenance Expenses	1.07	1.82	1.10	1.91
3	Depreciation	0.10	0.09	0.10	0.09
4	Interest on Loan Capital	0.13	0.11	0.12	0.10

Sr. No.	Particulars	FY 2016-17		FY 2017-18	
		MYT Order	Actual for Truing up	MYT Order	Estimated
5	Interest on Working Capital	0.13	0.08	0.12	-
6	Interest on Consumer Security Deposit	0.49	0.31	0.56	0.35
7	Provision for bad and doubtful debts	-	-	-	-
8	Contribution to contingency reserves	0.01	0.01	0.01	0.01
9	Intra-State Transmission Charges	4.04	4.89	5.18	5.18
10	MSLDC Fees & Charges	0.01	0.01	0.02	0.02
11	Income Tax	0.05	0.03	0.05	0.06
12	Total Revenue Expenditure	44.88	41.75	51.55	41.22
13	Add: Return on Equity Capital	0.10	0.09	0.10	0.09
14	Aggregate Revenue Requirement	44.98	41.83	51.64	41.31
15	Less: Non-Tariff Income	0.01	0.30	0.01	0.05
16	Less: Income from other business	-	-	-	-
17	Less: Receipts on account of Cross-Subsidy Surcharge	-	-	-	-
18	Less: Receipts on account of Additional Surcharge, if any	-	-	-	-
19	Aggregate Revenue Requirement from Retail Supply	44.97	41.54	51.63	41.26

MBPPL requests the Hon'ble Commission to approve the ARR for Distribution Wires Business and Retail Supply Business after final truing up for FY 2016-17 and provisional true-up for FY 2017-18 as shown in the above Tables.

3.17 Revenue Gap/(Surplus) for FY 2016-17 and FY 2017-18

MBPPL has computed the combined Revenue Gap/(Surplus) for FY 2016-17 and FY 2017-18 as shown in the following Table:

Table 3-21: Revenue Gap/(Surplus) for FY 2016-17 and FY 2017-18 (Rs. Crore)

Sr. No.	Particulars	FY 2016-17		FY 2017-18	
		MYT Order	Actual for Truing up	MYT Order	Estimated
1	ARR for Distribution Wires Business	10.55	12.28	10.75	12.50
2	ARR for Retail Supply Business	44.97	41.54	51.63	41.26
3	Combined ARR for Wires and Retail Supply Business	55.52	53.82	62.38	53.76

Sr. No.	Particulars	FY 2016-17		FY 2017-18	
		MYT Order	Actual for Truing up	MYT Order	Estimated
4	Add; Revenue Gap/(Surplus) for FY 2015-16	(3.02)	(3.02)	(3.02)	(3.02)
5	Less: Revenue from sale of electricity	52.53	52.96	59.4	44.74
6	Revenue Gap/(Surplus)	(0.04)	(2.16)	(0.04)	6.00

MBPPL requests the Hon'ble Commission to approve the Revenue Gap/(Surplus) after final truing up for FY 2016-17 and provisional true-up for FY 2017-18 as shown in the above Table.

4 Aggregate Revenue Requirement for FY 2018-19 & FY 2019-20

In accordance with Regulation 8.4 of the MYT Regulations, 2015, during the Mid Term review, the Distribution Licensee is required to present modifications to the Aggregate Revenue Requirement and Tariffs or Fees and Charges for the remainder of the Control Period. Accordingly, MBPPL has presented herein, the revised projections for the remaining years of the Control Period, i.e., FY 2018-19 and FY 2019-20.

4.1 Energy Sales

In the MYT Order, the Hon'ble Commission has approved the energy sales of 112.37 MU for FY 2018-19 and 117.51 MU for FY 2019-20, which includes the energy sales towards Building No. 15.

However, there is a delay in construction of Building 15, and it is expected to commence construction of the same in April 2018, and the Building is expected to be completed beyond the Control Period, i.e., after FY 2019-20. Based on the present status of buildings, MBPPL has projected the energy sales for FY 2018-19 and FY 2019-20 with the following approach:

- a) CAGR of 1% has been considered for each category on previous year's sales, to cater to the inherent growth in energy sales of existing consumers.
- b) Additional sales of 0.3 MU per month have been considered in FY 2018-19, towards additional occupancy of vacant floors of Building No. 9 and 12.
- c) Building No. 15 is likely to be completed beyond FY 2019-20, hence, no energy sales have been considered towards the occupancy of Building No. 15.
- d) Additional sales of 0.5 MU per month have been considered from June 2018 onwards in FY 2018-19 and FY 2019-20 for construction power for Building No. 15.

Based on the above assumptions, the Energy Sales have been projected for FY 2018-19 and FY 2019-20. The details of the month-wise and category-wise energy sales projections have been submitted in Form F1 of the Formats prescribed by the Hon'ble Commission, and annexed to the present Petition.

The revised category-wise sales projections for FY 2018-19 and FY 2019-20 are shown in the following Table:

Table 4-1: Energy Sales Projected by MBPPL for FY 2018-19 and FY 2019-20 (MU)

Consumer Category	FY 2018-19		FY 2019-20	
	MYT Order	Revised Projections	MYT Order	Revised Projections
HT Category				
HT I	103.21	79.62	110.24	80.41
HT II	1.96	5.00	-	6.00
LT Category				
LT I (G-P)	-	-	-	-
LT II A	0.12	0.64	0.12	0.64
LT II B	0.31	0.38	0.31	0.38
LT III A	0.30	0.01	0.31	0.01
LT III B	6.47	7.20	6.53	7.27
Grand Total	112.37	92.84	117.51	94.72

MBPPL humbly requests the Hon'ble Commission to approve the projected energy sales for FY 2018-19 and FY 2019-20 as shown in the above Table.

4.2 Distribution Loss

The Hon'ble Commission in the MYT Order has approved the distribution loss of 0.64% on the basis of actual distribution loss of FY 2015-16 after excluding the transformation losses.

MBPPL has established the distribution network primarily on the higher voltage level of 22 kV. Consequently, the Distribution Losses on account of technical losses in the system are very low. The actual Distribution Loss for FY 2017-18 is 0.91%. The distribution loss level of 0.91% being very low, there is no scope for reducing it further. Also, Buildings 9 and 12 are not fully occupied yet, hence, with higher loading, the losses may change slightly.

In view of the above, MBPPL has projected Distribution Loss of 0.91% for FY 2018-19 and FY 2019-20. In case of any deviations in the distribution losses, MBPPL shall

approach the Hon'ble Commission for necessary relief at the time of truing-up at the end of the Control Period.

Table 4-2: Revised Projection of Distribution losses for FY 2018-19 and FY 2019-20

Particulars	FY 2018-19		FY 2019-20	
	MYT Order	Revised Projection	MYT Order	Revised Projection
Distribution Loss (%)	0.64%	0.91%	0.64%	0.91%

MBPPL humbly requests the Hon'ble Commission to approve the projected Distribution losses for FY 2018-19 and FY 2019-20.

4.3 Energy Balance

For projecting the Energy Balance for FY 2018-19 and FY 2019-20, MBPPL has considered the projected energy sales, distribution loss and InSTS loss of 3.92% as approved by the Hon'ble Commission in the MYT Order. Accordingly, MBPPL has projected the energy requirement for MBPPL at the State periphery for FY 2018-19 and FY 2019-20 as shown in the following Table:

Table 4-3: Energy Balance for FY 2018-19 and FY 2019-20

Particulars	FY 2018-19		FY 2019-20	
	MYT Order	Revised Projection	MYT Order	Revised Projection
Energy Sales (MU)	112.37	92.84	117.51	94.72
Distribution loss (%)	0.64%	0.91%	0.64%	0.91%
Energy Requirement at T<>D (MU)	113.09	93.69	118.27	95.59
Intra-State Transmission Loss (%)	3.92%	3.92%	3.92%	3.92%
Energy Requirement at G<>T (MU)	117.71	97.52	123.09	99.49

Further, MBPPL submits that Hon'ble Commission may take holistic view regarding consideration of actual InSTS loss on the basis of State Grid Loss accounts for all Distribution Licensees in the State, in line with the approach adopted in the previous MYT Orders for all Distribution Licensees.

4.4 Power Purchase Cost

The Hon'ble Commission vide Order dated February 26, 2016 in Case No. 49 of 2015 had approved the medium-term procurement of 20 MW power through Competitive Bidding, including 10 MW as Base Load on round the clock (RTC) basis and 10 MW as Peak Load from 0800 to 2300 hours from Monday to Friday, from April, 2016 onwards.

Subsequently, MBPPL entered into Medium-Term PPA for 10 MW with M/s. Jindal Power Limited (JPL) for meeting the Base Load demand and for 10 MW with M/s. GMR Energy Trading Limited (GMRETL) to meet the Peak load demand for a period of 5 years from 1 July, 2016 to 30 June, 2021. The Hon'ble Commission has approved both the PPAs and adopted the lowest tariff as a result of the process of competitive bidding followed by MBPPL.

In the present Petition for projection purpose, MBPPL has considered the quantum for purchase of power from these both sources at normative availability of 85%. The tariff for purchase of power has been considered in accordance with the provisions of the PPAs. For FY 2018-19 and FY 2019-20, the tariff works out to Rs. 3.93/kWh and Rs. 3.98/kWh for JPL, and Rs. 4.09/kWh and Rs. 4.15/kWh for GMRETL, including Fixed Charges and Energy Charges, and applicable escalation.

Renewable Purchase Obligation (RPO)

MBPPL has considered the RPO targets as specified in the MERC RPO Regulations, 2016. The RPO targets are 2.75% for Solar and 11.0% for Non-Solar for FY 2018-19 and 3.50% for Solar and 11.50% for Non-Solar for FY 2019-20.

MBPPL intends to purchase RE power at preferential tariff, however, at present, no agreement is in place for purchase of RE power. Hence, for the purpose of the present Petition, MBPPL has considered the procurement of RECs for RPO compliance for FY 2018-19 and FY 2019-20. Non-solar RECs and Solar RECs have been considered at floor price of Rs. 1.0/kWh each. In case of any actual energy purchase from RE sources, the same will be submitted at time of truing up for respective year.

Sale of Surplus Power

MBPPL has entered into a PPA for capacity of 20 MW. At present, the load in the SEZ area is around 15 MW because of pending work of Building No. 15. Hence, there is surplus power available with MBPPL during FY 2018-19 and FY 2019-20. In the present Petition, MBPPL has considered the total balance quantum from JPL and GMRETL after meeting the demand of MBPPL, towards the sale of surplus power. However, in real time operations, 100% dispatch of surplus power will not be possible considering the market demand-supply conditions. MBPPL will try to maximize the sale of surplus power so as to reduce the burden of fixed charges on the consumers.

For the purpose of the present Petition, MBPPL has envisaged sale of such surplus power at 75% of the weighted average rate of power purchase of JPL and GMRETL, which works out to Rs. 2.98/kWh and Rs. 3.03/kWh for FY 2018-19 and FY 2019-20, respectively, which is higher than the Fixed Charge of purchase from these sources.

MBPPL, in the present Petition, submits the estimated Power Purchase quantum and cost of power purchase for FY 2018-19 and FY 2019-20 as shown in the following Table:

Table 4-4: Power Purchase for MBPPL for FY 2018-19 and FY 2019-20

Particulars	Source	FY 2018-19		FY 2019-20	
		MYT Order	Revised Projection	MYT Order	Revised Projection
Power Purchase Quantum (MU)	Source for Base Load - JPL	74.46	74.46	74.46	74.66
	Source for Peak Load - GMRETL	33.66	34.30	33.66	34.43
	Purchase of Solar REC	-	-	-	-
	Purchase of Non-Solar REC	-	-	-	-
	Sale of Surplus Power	-	(11.24)	-	(9.60)
	Purchase of additional Power	9.59	-	14.97	-
	Total	117.71	97.52	123.09	99.49
Power Purchase Cost (Rs. Crore)	Source for Base Load - JPL	27.70	29.24	27.70	29.74
	Source for Peak Load - GMRETL	12.52	14.01	12.52	14.29
	Purchase of Solar REC	1.13	0.27	1.51	0.35
	Purchase of Non-Solar REC	1.94	1.07	2.12	1.15
	Sale of Surplus Power	-	(3.35)	-	(2.91)
	Purchase of additional Power	3.57	-	5.57	-
	Total	46.86	41.24	49.42	42.61
Average Power	Source for Base Load as per the Medium-Term PPA	3.72	3.93	3.72	3.98

Particulars	Source	FY 2018-19		FY 2019-20	
		MYT Order	Revised Projection	MYT Order	Revised Projection
Purchase Rate (Rs./kWh)	Source for Peak Load as per the Medium-Term PPA	3.72	4.09	3.72	4.15
	Purchase for Solar REC	-	-	-	-
	Purchase for Non-Solar REC	-	-	-	-
	Sale of Surplus Power	-	2.98	-	3.03
	Purchase of additional Power	3.72	-	3.72	-
	Total		3.98	4.23	4.02

MBPPL humbly requests the Hon'ble Commission to approve the projected cost of power purchase for FY 2018-19 and FY 2019-20.

4.5 Transmission and MSLDC charges

Being a Distribution Licensee, MBPPL is entitled to share the Total Transmission System Cost and MSLDC Charges in accordance with the MYT Regulations, 2015. MBPPL submits the projected Transmission Charges and MSLDC Charges as determined by the Hon'ble Commission vide Order dated July 22, 2016 in Case No. 91 of 2016, as shown in the following Table:

Table 4-5: Projected Transmission Charges and MSLDC Charges for FY 2018-19 and FY 2019-20 (Rs. Crore)

Particulars	FY 2018-19		FY 2019-20	
	MYT Order	Revised Projections	MYT Order	Revised Projections
Intra-State Transmission Charges	5.79	5.79	5.81	5.81
MSLDC Charges	0.02	0.02	0.02	0.02

MBPPL humbly requests the Hon'ble Commission to approve the projected Transmission Charges and MSLDC Charges for FY 2018-19 and FY 2019-20.

Further, MBPPL submits that the Hon'ble Commission may consider the revised Transmission Charges and MSLDC Charges for FY 2018-19 and FY 2019-20, as approved in the respective Orders after Mid-term Review of the respective entities.

4.6 Operation & Maintenance Expenses

For approval of O&M Expenses, in the MYT Order the Hon'ble Commission had applied the three-year average variation in WPI and CPI to arrive at the inflation factor for projecting the O&M expenses from FY 2016-17 onwards. Based on this approach, the inflation rate considering 60% and 40% weightage to WPI and CPI, respectively, works out to 2.97% after applying the efficiency factor of 1%.

The normative O&M expenses for FY 2018-19 and FY 2019-20 have been projected by considering the normative escalation factor of 4.75% on the normative O&M expenses for FY 2017-18, computed in Chapter 3 of this Petition, as shown in the Table below:

Table 4-6: Normative O&M Expenses for FY 2018-19 and FY 2019-20 (Rs. Crore)

Particulars	FY 2017-18	FY 2018-19	FY 2019-20
Normative O&M Expenses for Wires Business	3.52	3.69	3.86
Normative O&M Expenses for Retail Supply Business	1.89	1.98	2.02

However, in continuation of the rationale discussed in detail in Chapter 2 of this Petition, MBPPL requests the Hon'ble Commission to allow the actual O&M expenses based on the existing contracts for services and suitable escalation factor for FY 2018-19 and FY 2019-20, as discussed below.

As regards the Employee Expenses, MBPPL has entered into a Corporate Services Agreement with its parent organisation KRCSPL. As per the said Agreement, Employee Expenses are payable to KRCSPL at 35 paise per unit of energy sale for FY 2015-16 and further escalation of 12% shall be applied annually, to arrive at the norm for subsequent years. Accordingly, norms have been computed as 49 paise/kWh for FY 2018-19 and 55 paise/kWh for FY 2019-20.

As regards R&M Expenses, MBPPL has entered into an Agreement with Vatsa Electric Company for repair and maintenance of the distribution network on December 7, 2017. The copy of the Agreement is attached as **Annexure X** to this Petition. In this Agreement, escalation factor of 5% or WPI, whichever is lower has been considered

for the R&M services. Accordingly, the escalation factor of 2.23% has been considered for FY 2018-19 and FY 2019-20.

As regards A&G expenses, the escalation factor of 4.75% has been considered in accordance with the first amendment to the MYT Regulations, 2015.

The O&M expenses projected by MBPPL for FY 2018-19 and FY 2019-20 are shown in the following Table:

Table 4-7: Projected O&M Expenses for FY 2018-19 and FY 2019-20 (Rs. Crore)

Sr. No.	Particulars	FY 2018-19		FY 2019-20	
		MYT Order	Revised Projection	MYT Order	Revised Projection
	Distribution Wires Business				
1	Employee Expenses		2.97		3.39
2	R&M Expenses	2.31	0.84	2.38	0.86
3	A&G Expenses		0.19		0.20
4	Total O&M Expenses	2.31	3.99	2.38	4.44
	Retail Supply Business				
1	Employee Expenses		1.60		1.83
2	R&M Expenses	1.13	0.45	1.16	0.46
3	A&G Expenses		0.10		0.11
4	Total O&M Expenses	1.13	2.15	1.16	2.39

MBPPL requests the Hon'ble Commission to approve the projected O&M expenses for FY 2018-19 and FY 2019-20 as shown in the above Table.

4.7 Capital Expenditure and Capitalisation

In the previous Chapter on truing up for FY 2016-17 and provisional truing up for FY 2017-18, MBPPL has submitted the capitalisation incurred for establishment of distribution network. For FY 2018-19 and FY 2019-20, MBPPL has proposed capitalisation towards the installation of harmonic filters in order to maintain the quality of supply at interconnection point. MBPPL has proposed capitalisation of Rs. 0.90 Crore for FY 2018-19 and Rs. 0.90 Crore for FY 2019-20, towards Non-DPR schemes since capital expenditure to be incurred is less than 10 Crore. No capitalisation has been projected towards any metering scheme, i.e., under Retail supply business.



Since, the construction of Building No. 15 will start in FY 2018-19, the capital expenditure towards the establishment of electricity distribution network for Building No. 15 has been considered in FY 2018-19 and FY 2019-20.

The details of the Capital Expenditure and Capitalisation proposed for FY 2018-19 and FY 2019-20 are provided in the Formats annexed to this Petition. The Capital Expenditure and Capitalisation proposed for FY 2018-19 and FY 2019-20 are shown in the following Table:

Table 4-8: Capital Expenditure & Capitalisation for FY 2018-19 and FY 2019-20 (Rs. Crore)

Sr. No.	Particulars	FY 2018-19		FY 2019-20	
		MYT Order	Revised Projection	MYT Order	Revised Projection
	Distribution Wires Business				
1	Capital Expenditure	2.96	8.78	-	7.92
2	Capitalisation	2.96	0.90	-	0.90
	Retail Supply Business				
1	Capital Expenditure	0.01	-	-	-
2	Capitalisation	0.01	-	-	-

MBPPL requests the Hon'ble Commission to approve the projected capital expenditure and capitalisation for FY 2018-19 and FY 2019-20 as shown in the above Table.

4.8 Depreciation

For computation of depreciation, MBPPL has considered the closing GFA for FY 2017-18 as discussed in the earlier Chapter, as the opening GFA for FY 2018-19. The addition to GFA has been considered equivalent to capitalisation proposed for FY 2018-19 and FY 2019-10. MBPPL has calculated the depreciation as per Regulation 27 of the MYT Regulations, 2015 for the Distribution Wires and Retail Supply Business separately by applying the asset class-wise depreciation rate as specified in the Regulations on the average asset class-wise GFA during the year.

The depreciation projected for FY 2018-19 and FY 2019-20 is shown in the following Table:

Table 4-9: Depreciation for FY 2018-19 and FY 2019-20 (Rs. Crore)

Sr. No.	Particulars	FY 2018-19		FY 2019-20	
		MYT Order	Revised Projection	MYT Order	Revised Projection
	Wires Business				
1	Opening GFA	51.03	51.42	53.99	52.74
2	Additions during the Year	2.96	0.90	-	0.90
3	Closing GFA	53.99	52.74	53.99	53.64
4	Depreciation	2.52	2.58	2.60	2.63
	Retail Supply Business				
1	Opening GFA	1.86	1.69	1.87	1.69
2	Additions during the Year	0.01	0.00	0.00	0.00
3	Closing GFA	1.87	1.69	1.87	1.69
4	Depreciation	0.10	0.09	0.10	0.09

MBPPL humbly requests the Hon'ble Commission to approve the projected Depreciation for FY 2018-19 and FY 2019-20 as shown in the above Table.

4.9 Interest on Long-term Loan Capital

MBPPL has computed the Interest on Long-term Loan as per Regulation 29 of the MYT Regulations, 2015. For computation of interest on Long-term loan capital, MBPPL has considered the closing net normative loan for FY 2017-18 as discussed in the earlier Chapter, as the opening net normative loan for FY 2018-19. The normative repayment of loan has been considered equal to the projected depreciation for the year, in accordance with the Regulations. For arriving at the debt component, the debt: equity ratio of 70:30 has been considered on the proposed capitalisation. The interest rate has been considered based on the weighted average interest rate of the actual loan basket of MBPPL. The interest on loan has been computed in accordance with the provisions of MYT Regulations, 2015.

Interest on long term loan capital projected for FY 2018-19 and FY 2019-20 is shown in the following Table:

Table 4-10: Interest on Long-term Loan Capital for FY 2018-19 and FY 2019-20 (Rs. Crore)

Sr. No.	Particulars	FY 2018-19		FY 2019-20	
		MYT Order	Revised Projection	MYT Order	Revised Projection
1	Wires Business				
1.1	Opening Balance of Normative Loan	28.62	28.94	28.17	26.99

Sr. No.	Particulars	FY 2018-19		FY 2019-20	
		MYT Order	Revised Projection	MYT Order	Revised Projection
1.2	Addition of Normative Loan during the year	2.07	0.63	-	0.63
1.3	Normative Loan Repayment during the year	2.52	2.58	2.60	2.63
1.4	Closing Balance of Normative Loan	28.17	26.99	25.56	24.98
1.5	Interest Rate (%)	10.90%	9.25%	10.90%	9.25%
1.6	Interest on Long term loan capital	3.09	2.59	2.93	2.40
2	Retail Supply Business				
2.1	Opening Balance of Normative Loan	1.02	0.92	0.93	0.83
2.2	Addition of Normative Loan during the year	0.01	-	-	-
2.3	Normative Loan Repayment during the year	0.10	0.09	0.10	0.09
2.4	Closing Balance of Normative Loan	0.93	0.83	0.83	0.74
2.5	Interest Rate (%)	10.90%	9.25%	10.90%	9.25%
2.6	Interest on Long term loan capital	0.11	0.08	0.10	0.07

MBPPL requests the Hon'ble Commission to approve the projected Interest on Long-Term Loan capital for FY 2018-19 and FY 2019-20 as shown in the above Table.

4.10 Interest on Working Capital and Consumers' Security Deposit

MBPPL has computed the normative IoWC as per Regulation 31 of the MYT Regulations, 2015, for the composite Distribution Wires and Supply Business. The rate of interest has been considered equivalent to the 1-year MCLR, as on date of filing of the present Petition, plus 150 basis points, i.e., 9.75%. The same Interest rate has been considered for computation of Interest on Consumer's Security Deposit, in accordance with the provisions of MYT Regulations, 2015, as amended from time to time.

The IoWC and Interest on CSD computed for FY 2018-19 and FY 2019-20 are shown in the following Table:

Table 4-11: Interest on Working Capital and CSD for FY 2018-19 & FY 2019-20 (Rs. Crore)

Sr. No.	Particulars	FY 2018-19		FY 2019-20	
		MYT Order	Revised Projection	MYT Order	Revised Projection
1	O&M expenses for a month	0.29	0.51	0.30	0.57
2	Maintenance Spares at 1% of opening GFA	0.53	0.54	0.56	0.54

Sr. No.	Particulars	FY 2018-19		FY 2019-20	
		MYT Order	Revised Projection	MYT Order	Revised Projection
3	One and half month's equivalent of expected revenue from sale of electricity	10.76	6.57	11.07	6.80
4	Less: Amount held as Security Deposit from consumers	6.06	3.84	6.27	3.84
5	Less: One-month equivalent of cost of Power Purchase, Transmission Charges and MSLDC Charges	4.39	3.44	4.60	3.55
6	Total Working Capital Requirement	1.12	0.34	1.05	0.52
7	Rate of Interest (% p.a.)	10.80%	9.45%	10.80%	9.45%
8	Interest on Working Capital	0.12	0.03	0.11	0.05
9	Interest on Working Capital for Wires Business	0.11	0.01	0.01	0.01
10	Interest on Working Capital for Retail Supply Business	0.01	0.02	0.10	0.04
	Interest on CSD				
11	Rate of Interest (% p.a.)	10.80%	9.45%	10.80%	9.45%
12	Interest on CSD	0.65	0.36	0.68	0.36
13	Interest on CSD for Wires Business	0.07	0.04	0.07	0.04
14	Interest on CSD for Retail Supply Business	0.59	0.32	0.61	0.32

MBPPL humbly requests the Hon'ble Commission to approve the IoWC and Interest on CSD for FY 2018-19 and FY 2019-20 as shown in the above Table.

4.11 Return on Equity

MBPPL has computed the RoE capital in accordance with Regulation 28 of the MYT Regulations, 2015 for the Distribution Wires and Retail Supply Businesses separately. The closing equity for FY 2017-18 as discussed in the earlier Chapter has been considered as opening equity for FY 2018-19. The addition of equity has been considered after applying debt:equity ratio of 70:30 on the proposed capitalisation.

The Return on Equity projected for FY 2018-19 and FY 2019-20 is shown in the following Table:

Table 4-12: Return on Equity for FY 2018-19 and FY 2019-20 (Rs. Crore)

Sr. No.	Particulars	FY 2018-19		FY 2019-20	
		MYT Order	Revised Projection	MYT Order	Revised Projection
	Distribution Wires Business				
1	Regulatory Equity at the beginning of the year	15.15	15.55	16.04	15.82
2	Equity portion of capitalisation during the year	0.89	0.27	-	0.27
3	Reduction in Equity Capital on account of retirement / replacement of assets	-	-	-	-
4	Regulatory Equity at the end of the year	16.04	15.82	16.04	16.09
5	Rate of Return	15.50%	15.50%	15.50%	15.50%
6	Return on Equity for Wires Business	2.42	2.43	2.49	2.47
	Retail Supply Business				
9	Regulatory Equity at the beginning of the year	0.56	0.51	0.56	0.51
10	Equity portion of capitalisation during the year	-	-	-	-
11	Reduction in Equity Capital on account of retirement / replacement of assets	-	-	-	-
12	Regulatory Equity at the end of the year	0.56	0.51	0.56	0.51
13	Rate of Return	17.50%	17.50%	17.50%	17.50%
14	Return on Equity for Supply Business	0.10	0.09	0.10	0.09

MBPPL requests the Hon'ble Commission to approve the Return on Equity for FY 2018-19 and FY 2019-20 as shown in the above Table.

4.12 Income Tax

As regards Income Tax, Regulation 33.1 of the MYT Regulations, 2015 specifies as follows:

"33.1 The Commission, in its MYT Order, shall provisionally approve Income Tax payable for each year of the Control Period based on the actual Income Tax paid by the Generating Company or Licensee or MSLDC, in case the Generating Company or Licensee or MSLDC has not engaged in any other regulated or unregulated Business or Other Business, as allowed by the Commission relating to the electricity Business regulated by the Commission, as per latest available Audited Accounts, subject to prudence check:

Provided that in case the Generating Company or Licensee or MSLDC has engaged in any other regulated or unregulated Business or Other Business, and the actual Income

Tax paid by the Generating Company or Licensee or MSLDC has to be allocated to the different Businesses, then the Income Tax shall be provisionally allowed based on the Income Tax on the regulatory Profit Before Tax, as allowed by the Commission relating to the electricity Business regulated by the Commission, subject to prudence check:..."

Being a SEZ Developer, MBPPL has engaged in other businesses also, and hence the Income tax paid by MBPPL has to be allocated to the regulated Distribution business in accordance with the proviso to Regulation 33.1 quoted above.

Further, in MYT Order, the Hon'ble Commission held that the RoE-based methodology should be followed for computing the Income Tax for future years, where actual data is not available. In view of this, MBPPL has projected the Income Tax for FY 2018-19 and FY 2019-20 based on the grossed-up RoE.

The Income Tax projected by MBPPL for FY 2018-19 and FY 2019-20 is shown in the following Table:

Table 4-13: Income Tax for FY 2018-19 and FY 2019-20 (Rs. Crore)

Sr. No.	Particulars	FY 2018-19		FY 2019-20	
		MYT Order	Revised Projection	MYT Order	Revised Projection
1	Income Tax for Distribution Wires Business	0.45	0.58	0.45	0.59
2	Income Tax for Retail Supply Business	0.05	0.06	0.05	0.07

4.13 Provisions for Bad and Doubtful Debt

MBPPL has not considered any provisioning for bad and doubtful debts as it has not envisaged any outstanding receivables during for FY 2018-19 and FY 2019-20, based on past trend.

4.14 Contribution to Contingency Reserve

In line with the approach adopted by the Hon'ble Commission in the MYT Order, MBPPL has considered the Contribution to Contingency Reserve at 0.5% of cost of Fixed Assets for FY 2018-19 and FY 2019-20. The Contribution to Contingency Reserve projected for FY 2018-19 and FY 2019-20 is shown in the following Table:

Table 4-14: Contribution to Contingency Reserves for FY 2018-19 and FY 2019-20 (Rs. Crore)

Sr. No.	Particulars	FY 2018-19		FY 2019-20	
		MYT Order	Revised Projection	MYT Order	Revised Projection
1	Contribution to Contingency Reserves for Wires Business	0.26	0.26	0.27	0.26
2	Contribution to Contingency Reserves for Retail Supply Business	0.01	0.01	0.01	0.01

MBPPL requests the Hon'ble Commission to approve Contribution to the Contingency Reserve for FY 2018-19 and FY 2019-20 as shown in the above Table.

4.15 Non-Tariff Income

MBPPL has considered the Non-Tariff income of Rs. 0.05 Crore each for FY 2018-19 and FY 2019-20 mainly towards the income from consumer charges levied in accordance with Schedule of Charges approved by the Hon'ble Commission. The Non-Tariff Income projected for FY 2018-19 and FY 2019-20 is shown in the following Table:

Table 4-15: Non-Tariff Income for FY 2018-19 and FY 2019-20 (Rs. Crore)

Sr. No.	Particulars	FY 2018-19		FY 2019-20	
		MYT Order	Revised Projection	MYT Order	Revised Projection
1	Non-tariff Income	0.01	0.05	0.01	0.05

MBPPL requests the Hon'ble Commission to approve Non-Tariff Income for FY 2018-19 and FY 2019-20 as shown in the above Table.

4.16 Summary of Aggregate Revenue Requirement (ARR) for FY 2018-19 and FY 2019-20

The Summary of ARR for FY 2018-19 and FY 2019-20 for Distribution Wires Business is shown in the following Table:

Table 4-16: ARR Summary for Wires Business for FY 2018-19 and FY 2019-20 (Rs. Crore)

Sr. No.	Particulars	FY 2018-19		FY 2019-20	
		MYT Order	Revised Projection	MYT Order	Revised Projection
1	Operation & Maintenance Expenses	2.31	3.99	2.38	4.44
2	Depreciation	2.52	2.58	2.60	2.63

Sr. No.	Particulars	FY 2018-19		FY 2019-20	
		MYT Order	Revised Projection	MYT Order	Revised Projection
3	Interest on Loan Capital	3.09	2.59	2.93	2.40
4	Interest on Working Capital	0.01	0.01	0.01	0.01
5	Interest on deposit from Consumers and Distribution System Users	0.07	0.04	0.07	0.04
6	Provision for bad and doubtful debts	-	-	-	-
7	Contribution to contingency reserves	0.26	0.26	0.27	0.26
8	Income Tax	0.45	0.58	0.45	0.59
9	Total Revenue Expenditure	8.71	10.04	8.70	10.38
10	Add: Return on Equity Capital	2.42	2.43	2.49	2.47
11	Aggregate Revenue Requirement	11.13	12.48	11.19	12.85
12	Less: Non-Tariff Income	-	-	-	-
13	Less: Income from Other Business	-	-	-	-
14	Total Aggregate Revenue Requirement	11.13	12.48	11.19	12.85

The Summary of ARR for FY 2018-19 and FY 2019-20 for the Retail Supply Business is shown in the following Table:

Table 4-17: ARR Summary for Retail Supply Business for FY 2018-19 and FY 2019-20 (Rs. Crore)

Sr. No.	Particulars	FY 2018-19		FY 2019-20	
		MYT Order	Revised Projection	MYT Order	Revised Projection
1	Power Purchase Expenses (including Inter-State Transmission Charges)	46.86	41.24	49.42	42.61
2	Operation & Maintenance Expenses	1.13	2.15	1.16	2.39
3	Depreciation	0.10	0.09	0.10	0.09
4	Interest on Loan Capital	0.11	0.08	0.10	0.07
5	Interest on Working Capital	0.11	0.02	0.10	0.04
6	Interest on Consumer Security Deposit	0.59	0.32	0.61	0.32
7	Provision for bad and doubtful debts	-	-	-	-
8	Contribution to contingency reserves	0.01	0.01	0.01	0.01
9	Intra-State Transmission Charges	5.79	5.79	5.81	5.81
10	MSLDC Fees & Charges	0.02	0.02	0.02	0.02
11	Income Tax	0.05	0.06	0.05	0.07
12	Total Revenue Expenditure	54.77	49.79	57.38	51.43
13	Add: Return on Equity Capital	0.10	0.09	0.10	0.09
14	Aggregate Revenue Requirement	54.86	49.87	57.48	51.52
15	Less: Non-Tariff Income	0.01	0.05	0.01	0.05
16	Less: Income from other business	-	-	-	-
17	Less: Receipts on account of Cross-Subsidy Surcharge	-	-	-	-

Sr. No.	Particulars	FY 2018-19		FY 2019-20	
		MYT Order	Revised Projection	MYT Order	Revised Projection
18	Less: Receipts on account of Additional Surcharge, if any	-	-	-	-
19	Aggregate Revenue Requirement from Retail Supply	54.85	49.82	57.47	51.47

MBPPL requests the Hon'ble Commission to approve the ARR for Distribution Wires Business and Retail Supply Business for FY 2018-19 and FY 2019-20 as shown in the above Tables.



5 Tariff Philosophy and Tariff Design

5.1 Past revenue Gap/(surplus)

As discussed in the Chapter on Truing up for FY 2015-16, the Revenue Surplus for FY 2015-16 has been spread over the period from FY 2016-17 onwards as approved by the Hon'ble Commission. After adjusting the Revenue Surplus of Rs. 3.02 each in FY 2016-17 and FY 2017-18, the remaining amount of Revenue Surplus has been adjusted in FY 2018-19. The rate of interest for computing the carrying/(holding) cost has been considered same as that considered for computing the IoWC for the respective year, in accordance with the applicable MYT Regulations, as detailed in earlier Chapters. Accordingly, the carrying/(holding) cost has been computed as shown in the following Table:

Table 5-1: Computation of carrying/(holding) cost for True-up for FY 2015-16 (Rs. Crore)

Sr. No.	Particulars	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
1	Opening Gap/(Surplus)	0	(6.29)	(3.27)	(0.24)
2	Gap/(Surplus) addition during the year	(6.29)	-	-	-
3	Gap/(Surplus) recovery during the year	0	(3.02)	(3.02)	(0.24)
4	Closing Gap/(Surplus)	(6.29)	(3.27)	(0.24)	-
5	Rate of Interest (%)	14.05%	10.79%	10.17%	9.45%
6	Carrying/(Holding) cost	(0.44)	(0.52)	(0.18)	(0.01)

The holding cost computed above has been considered for recovery in FY 2018-19. Similarly, the Revenue Gap/(Surplus) arising out of Truing up for FY 2016-17 and carrying/(holding) cost on such revenue gap/(surplus) has been proposed to be recovered in FY 2018-19. Accordingly, the carrying/(holding) cost has been computed for Revenue Gap/(Surplus) arising out of truing up for FY 2016-17 as shown in the following Table:

Table 5-2: Computation of carrying/(holding) cost for True-up for FY 2016-17 (Rs. Crore)

Sr. No.	Particulars	FY 2016-17	FY 2017-18	FY 2018-19
1	Opening Gap/(Surplus)	-	(2.16)	(2.16)
2	Gap/(Surplus) addition during the year	(2.16)	-	-
3	Gap/(Surplus) recovery during the year	-	-	(2.16)
4	Closing Gap/(Surplus)	(2.16)	(2.16)	-
5	Rate of Interest (%)	10.79%	10.17%	9.45%
6	Carrying/(Holding) cost	(0.12)	(0.22)	(0.10)

Further, the Revenue Gap/(Surplus) arising out of provisional Truing up for FY 2017-18 has been considered to be recovered in FY 2018-19 and FY 2019-20 in order to smoothen the tariff increase. No carrying/(holding) cost has been considered on the amount arising out of provisional Truing up for FY 2017-18, in accordance with approach adopted by the Hon'ble Commission in previous Tariff Orders, wherein carrying/(holding) cost is considered only on the amount arising out of final Truing up for any year.

5.2 Revenue Gap/(Surplus) at Tariff approved in MYT Order

After taking into account the projected ARR and past Revenue Gaps/(Surplus) along with carrying/(holding) cost, the Revenue Gap/(Surplus) at existing tariff has been computed as shown in the following Table:

Table 5-3: Revenue Gap/(Surplus) at Tariff approved in MYT Order (Rs. Crore)

Sr. No.	Particulars	FY 2018-19		FY 2019-20	
		MYT Order	Revised Projection	MYT Order	Revised Projection
1	ARR for Wires Business	11.12	12.48	11.19	12.85
2	ARR for Retail Supply Business	54.85	49.82	57.47	51.47
3	Combined ARR for Wires and Retail Supply Business	65.97	62.30	68.66	64.32
4	Add: Revenue Gap/(surplus) for Truing up for FY 2015-16	(3.02)	(0.24)	(3.02)	-
5	Add: Carrying/(holding) cost for Truing up for FY 2015-16	-	(1.15)	-	-
6	Add: Revenue Gap/(surplus) for Truing up for FY 2016-17	-	(2.16)	-	-
7	Add: Carrying/(holding) cost for Truing up for FY 2016-17	-	(0.44)	-	-
8	Add: Revenue Gap/(Surplus) for Provisional Truing up for FY 2017-18	-	1.20	-	4.80
9	Net ARR for recovery	62.95	59.50	65.64	69.11
10	Less: Revenue from approved Tariff	62.96	52.57	65.63	54.42
11	Revenue Gap/(Surplus)	(0.01)	6.94	(0.01)	14.69

It is clear from the above Table that the tariff approved for FY 2018-19 and FY 2019-20 in the MYT Order does not meet the Net ARR of the Wires and Retail Supply Business. The gap between Average Cost of Supply (ACoS) and Average Billing Rate (ABR) has been computed as shown in the following Table:

Table 5-4: Projected Revenue Requirement and ACoS for FY 2018-19 and FY 2019-20

Particulars	FY 2018-19	FY 2019-20
Net ARR for recovery (Rs. Crore)	59.50	69.11
Energy Sales (MU)	92.84	94.72
Average Cost of Supply (ACoS) (Rs. /kWh)	6.41	7.30
Average Billing Rate (ABR)	5.66	5.75
ACoS-ABR Gap (Rs. /kWh)	0.75	1.55

Accordingly, it is proposed to increase the average tariff by Rs. 0.75/kWh in FY 2018-19 and Rs. 1.55/kWh in FY 2019-20, in order to meet the projected revenue requirement. Accordingly, the Net ARR for recovery, ACoS and proposed tariff increase is shown in the following Table:

Table 5-5: Proposed ACoS and tariff increase for FY 2018-19 and FY 2019-20

Particulars	FY 2018-19 (existing)	FY 2018-19 (Proposed)	FY 2019-20 (Proposed)
Net ARR for recovery (Rs. Crore)	52.57	59.50	69.11
ACoS (Rs. /kWh)	5.66	6.41	7.30
Proposed Tariff Hike (%)	-	13.20%	13.84%

5.3 Determination of Wheeling Charges

MBPPL submits that considering the sales forecast, HT sales is around 91% of total projected sales for FY 2018-19 and FY 2019-20. Considering the configuration of existing distribution network, the loss level in the area of supply is very low as 0.91%. Since, the primary distribution voltage is 22 kV and 91% of the sales is to HT category, common Wheeling Charges have been proposed for HT and LT category based on the ARR for Wires Business and projected energy sales as under:

Table 5-6: Proposed Wheeling Charges for FY 2018-19 and FY 2019-20

Particulars	FY 2018-19	FY 2018-19	FY 2019-20	FY 2019-20
	Approved in MYT Order	Proposed	Approved in MYT Order	Proposed
ARR for Distribution Wires Business (Rs. Crore)	10.61	12.48	10.70	12.85
Energy Sales (MU)	112.37	92.84	117.51	94.72

Particulars	FY 2018-19	FY 2018-19	FY 2019-20	FY 2019-20
	Approved in MYT Order	Proposed	Approved in MYT Order	Proposed
Wheeling Charges (Rs. /kWh)	0.94	1.34	0.91	1.36

MBPPL requests the Hon'ble Commission to approve the Wheeling Charges as proposed above for FY 2018-19 and FY 2019-20.

5.4 Philosophy for Retail Supply Tariff

MBPPL proposes the following tariff philosophy for the determination of Retail Supply Tariff for the Control Period:

5.4.1 Fixed/Demand Charges

The Hon'ble Commission, in the MYT Order in Case No. 10 of 2016, has approved the two-part tariff for the third MYT Control Period from FY 2016-17 to FY 2019-20. However, it is observed that the Hon'ble Commission has retained the existing Fixed/Demand Charges, which are not at par with other Distribution Licensees in the State. At present, the recovery from the approved Fixed/Demand Charges is only 18% of the fixed cost, which is very low. There is an urgent need to increase the Fixed/Demand Charges from the present level, in order to increase the recovery of the fixed cost incurred by MBPPL through Fixed/Demand Charges. Hence, MBPPL has proposed to increase the Fixed/Demand Charges at par with the approved Fixed/Demand charges for MSEDCL for FY 2018-19 and FY 2019-20. MBPPL respectfully requests the Hon'ble Commission that the Fixed/Demand Charges may be increased further, in line with any increase that may be approved for other Distribution Licensees in the State based on the respective MTR Petitions filed by the Distribution Licensees.

The proposed increase in Fixed/Demand Charges will increase the revenue from Fixed/Demand Charges up to 26% and 27% of the fixed cost incurred by MBPPL in FY 2018-19 and FY 2019-20, respectively.

5.4.2 Reduction of Cross Subsidy

MBPPL is supplying electricity primarily to consumers of IT & ITeS industry in its SEZ. Being an IT & ITeS SEZ and with the specific mandate from the Ministry of

Commerce, Govt. of India, it is the responsibility of MBPPL to provide reliable, economical and quality power supply to the consumers in the SEZ.

MBPPL, in its MYT Petition, had proposed category wise tariffs such that the ABR for all consumer categories would be equal to ACoS, so as not to create any cross-subsidy keeping in view the objective of the Act, as the tariffs were being determined for the first time for MBPPL. However, in the MYT Order, the Hon'ble Commission stated that it is not inclined to eliminate the cross-subsidy entirely for the time being, and determined tariffs so as to minimise the level of cross-subsidy considering the consumer profile and consumption mix.

Further, MYT Regulations, 2015 specifies as under in this context:

"88.2 The retail supply tariff for different consumer categories shall be determined on the basis of the Average Cost of Supply, computed as the ratio of the Aggregate Revenue Requirement of the Distribution Licensee for the Year determined in accordance with Regulation 78, and including unrecovered Revenue Gaps of previous years to the extent proposed to be recovered, to the total sales of the Distribution Licensee for the respective Year.

88.3 The Commission shall endeavour to gradually reduce the cross-subsidy between consumer categories with respect to the Average Cost of Supply in accordance with the provisions of the Act.

88.4 While determining the tariff, the Commission shall also keep in view the cost of supply at different voltage levels and the need to minimise tariff shock to consumers."

In order to achieve the above objectives, MBPPL has proposed the category-wise tariffs such that while cross-subsidy has not been eliminated entirely, the Gap between ACoS and ABR has been minimised. The ABR for all categories has been proposed within $\pm 20\%$ of ACoS for FY 2018-19 and FY 2019-20, as mandated by the Tariff Policy.

5.4.3 Time-of-the-Day Tariff

As per the approved Tariff Schedule, the following Time of Day (ToD) Tariff is applicable for HT Industrial, HT-Commercial, LT Industrial and LT Commercial category having load above 20 kW:

Table 5-7: Existing Time of the Day Tariff

Time Slot	Energy Charge (Rs./kWh)
2200 Hrs - 0600 Hrs	(1.50)
0600 Hrs - 0900 Hrs & 1200 Hrs - 1800 Hrs	0.00
0900 Hrs - 1200 Hrs	0.80
1800 Hrs - 2200 Hrs	1.10

The implementation of ToD tariff is revenue-neutral for MBPPL. Any under or over recovery arising from its implementation will be met through tariff at the time of Truing up. MBPPL has hence, proposed to continue with the ToD Tariff approved by the Hon'ble Commission in the MYT Order. In case the Hon'ble Commission decides to review the applicable ToD tariffs across the Distribution Licensees in the State, then such revised ToD tariffs would also be applicable for MBPPL.

5.5 Tariff Proposal for FY 2018-19 and FY 2019-20

Based on the tariff philosophy discussed in the earlier paragraphs, MBPPL proposes the following tariff for its area of supply for FY 2018-19 and FY 2019-20:

Table 5-8: Proposed Tariff for FY 2018-19

Consumer Category	FY 2017-18 (Existing applicable Tariff)			FY 2018-19 (Approved in MYT Order)			FY 2018-19 (Proposed in the present Petition)		
	Fixed/Demand Charge per month	Wheeling Charges (Rs./kWh)	Energy Charges (Rs./kWh)	Fixed/Demand Charge per month	Wheeling Charges (Rs./kWh)	Energy Charges (Rs./kWh)	Fixed/Demand Charge per month	Wheeling Charges (Rs./kWh)	Energy Charges (Rs./kWh)
HT Categories									
HT I: HT -Industry	Rs. 190 per kVA	0.95	4.27	Rs. 190 per kVA	0.95	4.27	Rs. 270 per kVA	1.34	4.32
HT II: HT Commercial	Rs. 190 per kVA	0.95	4.25	Rs. 190 per kVA	0.95	4.25	Rs. 270 per kVA	1.34	4.50
LT Categories									
LT I: LT General Purpose	Rs. 190	0.95	4.46	Rs. 190	0.95	4.46	Rs. 270	1.34	4.85
LT II (A): LT Commercial (0-20 kW)	Rs. 190	0.95	4.55	Rs. 190	0.95	4.55	Rs. 270	1.34	4.90
LT II (B): LT Commercial (Above 20 kW)	Rs. 190 per kVA	0.95	4.55	Rs. 190 per kVA	0.95	4.55	Rs. 270 per kVA	1.34	4.55
LT III (A): LT Industry (0-20 kW)	Rs. 190	0.95	4.55	Rs. 190	0.95	4.55	Rs. 270	1.34	4.55
LT III (B): LT Industry (Above 20 kW)	Rs. 190 per kVA	0.95	4.55	Rs. 190 per kVA	0.95	4.55	Rs. 270 per kVA	1.34	4.55
TOD Tariffs (in addition to above Base Tariff(s) - compulsory for HT I, HT II, LT II (B) and LT III (B))									
2200 Hrs-0600 Hrs			(1.50)			(1.50)			(1.50)
0600 Hrs-0900 Hrs & 1200 Hrs-1800 Hrs			-			-			-
0900 Hrs-1200 Hrs			0.80			0.80			0.80
1800 Hrs-2200 Hrs			1.10			1.10			1.10

Free



Table 5-9: Proposed Tariff for FY 2019-20

Consumer Category	FY 2017-18 (Existing applicable Tariff)				FY 2019-20 (Approved in MYT Order)				FY 2019-20 (Proposed in the present Petition)			
	Fixed/Demand Charge per month	Wheeling Charges (Rs./kWh)	Energy Charges (Rs./kWh)	Fixed/Demand Charge per month	Wheeling Charges (Rs./kWh)	Energy Charges (Rs./kWh)	Fixed/Demand Charge per month	Wheeling Charges (Rs./kWh)	Energy Charges (Rs./kWh)	Fixed/Demand Charge per month	Wheeling Charges (Rs./kWh)	Energy Charges (Rs./kWh)
HT Categories												
HT I: HT - Industry	Rs. 190 per kVA	0.95	4.27	Rs. 190 per kVA	0.95	4.34	Rs. 290 per kVA	1.36	5.12			
HT II: HT Commercial	Rs. 190 per kVA	0.95	4.25	Rs. 190 per kVA	0.95	4.75	Rs. 290 per kVA	1.36	5.45			
LT Categories												
LT I: LT General Purpose	Rs. 190	0.95	4.46	Rs. 190	0.95	4.46	Rs. 290	1.36	5.85			
LT II (A): LT Commercial (0-20 kW)	Rs. 190	0.95	4.55	Rs. 190	0.95	4.58	Rs. 290	1.36	5.90			
LT II (B): LT Commercial (Above 20 kW)	Rs. 190 per kVA	0.95	4.55	Rs. 190 per kVA	0.95	4.58	Rs. 290 per kVA	1.36	5.35			
LT III (A): LT Industry (0-20 kW)	Rs. 190	0.95	4.55	Rs. 190	0.95	4.58	Rs. 290	1.36	5.40			
LT III (B): LT Industry (Above 20 kW)	Rs. 190 per kVA	0.95	4.55	Rs. 190 per kVA	0.95	4.58	Rs. 290 per kVA	1.36	5.35			
TOD Tariffs (in addition to above Base Tariff(s) - compulsory for HT I, HT II, LT II (B) and LT III (B))												
2200 Hrs-0600 Hrs			(1.50)			(1.50)			(1.50)			(1.50)
0600 Hrs-0900 Hrs & 1200 Hrs-1800 Hrs			-			-			-			-
0900 Hrs-1200 Hrs			0.80			0.80			0.80			0.80
1800 Hrs-2200 Hrs			1.10			1.10			1.10			1.10

MBPPL humbly requests the Hon'ble Commission to approve the category-wise tariffs for FY 2018-19 and FY 2019-20 as proposed above.




Further, MBPPL submits the present level of cross-subsidy and the proposed trajectory for reduction of cross-subsidy, as shown in the Table below:

Table 5-10: Cross-Subsidy Trajectory for FY 2018-19

Category	Projected Average Cost of Supply (Rs/kWh)	Average Billing Rate (Rs/kWh)			Ratio of Average Billing Rate to Projected Average Cost of Supply (%)			% increase / decrease in Cross-subsidy	% increase in tariff (%)
		Existing Tariff #	Previous Tariff Order*	Proposed Tariff	Existing Tariff #	Previous Tariff Order*	Proposed Tariff		
HT Category									
HT I		5.41	5.52	6.38	85%	100%	100%	12%	13%
HTII		5.50	5.80	6.41	86%	105%	100%	13%	15%
LT Category									
LT I (G-P)	6.39	-	5.52	-	0%	100%	0%	0%	0%
LT II (A)		5.63	5.62	6.41	88%	101%	100%	12%	14%
LT II (B)		6.19	7.22	8.21	97%	130%	128%	17%	16%
LT III (A)		5.79	5.53	6.41	91%	100%	100%	9%	9%
LT III (B)		5.49	5.73	6.72	86%	103%	105%	12%	13%

Note: * - considered the ABR and cross-subsidy approved by the Commission for the previous year, i.e., FY 2017-18, in order to show the trajectory of cross-subsidy

- Existing tariff means tariff approved in MYT Order for FY 2018-19



Table 5-11: Cross-Subsidy Trajectory for FY 2019-20

Category	Projected Average Cost of Supply (Rs/kWh)	Average Billing Rate (Rs/kWh)			Ratio of Average Billing Rate to Projected Average Cost of Supply (%)			% increase/decrease in Cross-subsidy	% increase in tariff (%)
		Existing Tariff#	Previous Tariff Order*	Proposed Tariff	Existing Tariff#	Previous Tariff Order*	Proposed Tariff		
HT Category									
HT I		5.48	5.57	7.26	73%	99%	99%	21%	27%
HT II		6.00	6.43	7.30	80%	115%	100%	18%	22%
LT Category									
LT I (G-P)	7.49	-	5.62	-	0%	100%	0%	0%	0%
LT II (A)		5.66	5.71	7.33	76%	102%	100%	23%	30%
LT II (B)		6.21	7.29	9.13	83%	130%	125%	28%	28%
LT III (A)		5.82	5.62	7.30	78%	100%	100%	19%	24%
LT III (B)		5.52	5.80	7.60	74%	104%	104%	22%	27%

Note: * - considered the ABR and cross-subsidy approved by the Commission for the previous year, i.e., FY 2018-19, in order to show the trajectory of cross-subsidy

- Existing tariff means tariff approved in MYT Order for FY 2019-20

Tyler



5.6 Determination of Cross Subsidy Surcharge

Section 2(47) of the Electricity Act, 2003 defines 'Open Access', while Section 42 of the Act inter-alia mandates the Distribution Licensee to provide Open Access to eligible consumers, subject to payment of Cross Subsidy Surcharge, Additional Surcharge and other applicable charges.

Section 86(1) of the Act inter-alia mandates the Hon'ble Commission to determine Cross Subsidy Surcharge (CSS), Additional Surcharge and other applicable charges payable by the consumers opting for Open Access.

Regulation 14.7 of the MERC (Distribution Open Access) Regulations, 2016 also specifies that:

"14.7 Cross-subsidy Surcharge -

...d. The Cross-Subsidy Surcharge payable to the Distribution Licensee by a Consumer shall be as determined by the Commission in the Tariff Order in respect of the Distribution Licensee or any other applicable Order:..."

Further, the Hon'ble Commission in the MYT Order has determined the CSS based on the Formula stipulated in the revised Tariff Policy notified by Ministry of Power on January 28, 2016, as reproduced below:

"SERCs may calculate the cost of supply of electricity by the distribution licensee to consumers of the applicable class as aggregate of (a) per unit weighted average cost of power purchase including meeting the Renewable Purchase Obligation; (b) transmission and distribution losses applicable to the relevant voltage level and commercial losses allowed by the SERC; (c) transmission, distribution and wheeling charges up to the relevant voltage level; and (d) per unit cost of carrying regulatory assets, if applicable.

Surcharge formula:

$$S = T - [C/(1-L/100) + D + R]$$

Where,

S is the surcharge

T is the tariff payable by the relevant category of consumers, including reflecting the Renewable Purchase Obligation

C is the per unit weighted average cost of power purchase by the Licensee, including meeting the Renewable Purchase Obligation

D is the aggregate of transmission, distribution and wheeling charge applicable to the relevant voltage level

L is the aggregate of transmission, distribution and commercial losses, expressed as a percentage applicable to the relevant voltage level

R is the per unit cost of carrying regulatory assets.

Above formula may not work for all distribution licensees, particularly for those having power deficit, the State Regulatory Commissions, while keeping the overall objectives of the Electricity Act in view, may review and vary the same taking into consideration the different circumstances prevailing in the area of distribution licensee

Provided that the surcharge shall not exceed 20% of the tariff applicable to the category of consumers seeking open access."

MBPPL has computed the category-wise CSS in accordance with the above formula, based on the approved values of various components as shown in the following Table:

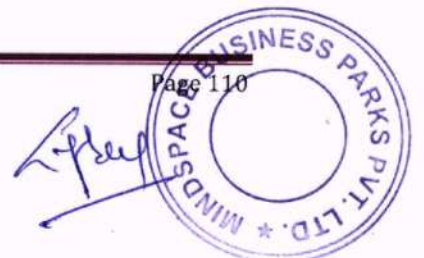
Table 5-12: Proposed Cross-Subsidy Surcharge for FY 2018-19 and FY 2019-20

Consumer Category	T (ABR)	C	L	C/(1-L%)	D	R	CSS
	Rs./kWh	Rs./kWh	%	Rs./kWh	Rs./kWh	Rs./kWh	Rs./kWh
FY 2018-19							
HT I	6.38	4.23	4.83%	4.44	1.34	-	0.59
HT II	6.38	4.23	4.83%	4.44	1.34	-	0.62
FY 2019-20							
HT I	7.26	4.28	4.83%	4.50	1.36	-	1.40
HT II	7.30	4.28	4.83%	4.50	1.36	-	1.45

MBPPL humbly requests the Hon'ble Commission to approve the category-wise CSS for FY 2018-19 and FY 2019-20 as proposed above.

5.7 Schedule of Charges

The Hon'ble Commission has approved the Schedule of Charges for MBPPL in the MYT Order. MBPPL has not proposed any revision to the Schedule of Charges approved by the Hon'ble Commission.



6 Proposed tariff Schedule for FY 2018-19 & FY 2019-20

HIGH TENSION (HT) - TARIFF

HT I: HT - Industry

Applicability:

This tariff category is applicable for electricity for Industrial use at High Voltage for purposes of manufacturing and processing, including electricity used within such premises for general lighting, heating/cooling, etc.

It is also applicable for use of electricity / power supply for Administrative Offices / Canteen, Recreation Hall / Sports Club or facilities / Health Club or facilities/ Gymnasium / Swimming Pool exclusively meant for employees of the industry; water pumps, fire-fighting pumps and equipment, street and common area lighting; Research and Development units, etc. -

Provided that all such facilities are situated within the same industrial premises and supplied power from the same point of supply.

This tariff category shall be applicable for use of electricity / power supply by an Information Technology (IT) or IT-enabled Services (ITeS) Unit as defined in the applicable IT/ITes Policy of Government of Maharashtra. Where such Unit does not hold the relevant permanent registration Certificate, the tariff shall be as per the HT II category, and the HT I tariff shall apply to it after receipt of such permanent registration Certificate and till it is valid.

It is also applicable for use of electricity / power supply for common facilities in the IT Park/SEZ (such as lobbies, central air conditioning, lifts, escalators, Effluent Treatment Plant/Sewage Treatment Plant, wash rooms etc.) which are used by the Units, excluding support services areas, after the registration is granted to the IT Park by the Directorate of Industries and Development Commissioner of the SEZ for an IT SEZ, as per the IT and ITeS Policy of the Government of Maharashtra as applicable from time to time. (In case the Government of Maharashtra revisits the present dispensation given under the IT and ITeS Policy, 2015, such use will be billed under the Commercial tariff category unless otherwise stipulated in the revised Policy.)

Rate Schedule

FY 2018-19

Consumer Category	Fixed/Demand Charge per month	Wheeling Charges (Rs./kWh)	Energy Charges (Rs./kWh)
HT I: HT Industry	Rs. 270 per kVA	1.34	4.32
2200 Hrs-0600 Hrs			(1.50)
0600 Hrs-0900 Hrs & 1200 Hrs-1800 Hrs			-
0900 Hrs-1200 Hrs			0.80
1800 Hrs-2200 Hrs			1.10

FY 2019-20

Consumer Category	Fixed/Demand Charge per month	Wheeling Charges (Rs./kWh)	Energy Charges (Rs./kWh)
HT Category			
HT I	Rs. 290 per kVA	1.36	5.12
2200 Hrs-0600 Hrs			(1.50)
0600 Hrs-0900 Hrs & 1200 Hrs-1800 Hrs			-
0900 Hrs-1200 Hrs			0.80
1800 Hrs-2200 Hrs			1.10

HT II: HT- Commercial

Applicability:

This tariff category is applicable for electricity used at High Voltage in non-residential, non-industrial and/or commercial premises for commercial consumption meant for operating various appliances used for purposes such as lighting, heating, cooling, cooking, washing/cleaning, entertainment/ leisure and water pumping in, but not limited to, the following premises:

- a) Non-Residential, Commercial and Business premises, including Shopping Malls and Showrooms;
- b) Combined lighting and power services for facilities relating to Entertainment, including film studios, cinemas and theatres (including multiplexes), Hospitality, Leisure, Meeting/Town Halls, and places of Recreation and Public Entertainment;
- c) Offices, including Commercial Establishments;

- d) Marriage Halls, Hotels / Restaurants, Ice-cream parlours, Coffee Shops, Guest Houses, Internet / Cyber Cafes, Telephone Booths and Fax / Photocopy shops;
- e) Automobile and all other types of repairs, servicing and maintenance centres (unless specifically covered under another tariff category); Retail Gas Filling Stations, Petrol Pumps & Service Stations, including Garages; -
- f) Tailoring Shops, Computer Training Institutes, Typing Institutes, Photo Laboratories, Laundries, Beauty Parlours and Saloons;
- g) Banks and ATM centres, Telephone Exchanges, TV Stations, Micro Wave Stations, Radio Stations, Telecommunications Tower;
- h) Sewage Treatment Plant/ Effluent Treatment Plant and common facilities like Water Pumping / Lifts / Fire-Fighting Pumps and other equipment / Street and other common area Lighting for Commercial Complexes, and not covered under the HT I – Industry category;
- i) Sports Clubs/facilities, Health Clubs/facilities, Gymnasiums, Swimming Pools not covered under any other category;
- j) Construction of all types of structures/ infrastructure for any purposes;
- k) Stand-alone Research and Development units not covered under any other category;
- l) Electrical Charging Centres for Vehicles; provided that, in case the consumer uses the electricity for charging his own vehicle at his premises, the tariff shall be as per the category applicable to such premises.

Rate Schedule

FY 2018-19

Consumer Category	Fixed/Demand Charge per month	Wheeling Charges (Rs./kWh)	Energy Charges (Rs./kWh)
HT-II	Rs. 270 per kVA	1.34	4.50
2200 Hrs-0600 Hrs			(1.50)
0600 Hrs-0900 Hrs & 1200 Hrs-1800 Hrs			-
0900 Hrs-1200 Hrs			0.80
1800 Hrs-2200 Hrs			1.10

FY 2019-20

Consumer Category	Fixed/Demand Charge per month	Wheeling Charges (Rs./kWh)	Energy Charges (Rs./kWh)
HTII	Rs. 290 per kVA	1.36	5.45
2200 Hrs-0600 Hrs			(1.50)
0600 Hrs-0900 Hrs & 1200 Hrs-1800 Hrs			-
0900 Hrs-1200 Hrs			0.80
1800 Hrs-2200 Hrs			1.10

A consumer in the HT II tariff category requiring single-point supply for the purpose of downstream consumption by separately identifiable entities shall have to operate as a Franchisee authorised as such by the Distribution Licensee; or such downstream entities shall be required to take separate individual connections and be charged under the tariff category applicable to them.

LOW TENSION (LT) - TARIFF

LT I: LT- General Purpose

Applicability:

Electricity used at Low/Medium Voltage for Residential and any other activity not covered under the LT II (A), LT II (B), LT III (A) and LT III (B) tariff categories.

Rate Schedule

FY 2018-19

Consumer Category	Fixed/Demand Charge per month	Wheeling Charges (Rs./kWh)	Energy Charges (Rs./kWh)
LT I (G-P)	Rs. 270	1.34	4.85

FY 2019-20

Consumer Category	Fixed/Demand Charge per month	Wheeling Charges (Rs./kWh)	Energy Charges (Rs./kWh)
LT I (G-P)	Rs. 290	1.36	5.85

Note:

Consumers who avail power supply at High Voltage for the above purposes shall also be billed as per this tariff category.

LT II: LT - Commercial

LT II (A): LT- Commercial (0-20 kW)

LT II (B): LT- Commercial (Above 20 kW)

This tariff category is applicable for electricity used at Low/Medium Voltage in non-residential, non-industrial and/or commercial premises for commercial consumption meant for operating various appliances used for purposes such as lighting, heating, cooling, cooking, washing/cleaning, entertainment/ leisure and water pumping in, but not limited to, the following premises:

- a) Non-Residential, Commercial and Business premises, including Shopping Malls and Showrooms;
- b) Combined lighting and power supply for facilities relating to Entertainment, including film studios, cinemas and theatres (including multiplexes), Hospitality, Leisure, Meeting/Town Halls, and places of Recreation and Public Entertainment;
- c) Offices, including Commercial Establishments;
- d) Marriage Halls, Hotels / Restaurants, Ice-cream parlours, Coffee Shops, Guest Houses, Internet / Cyber Cafes, Telephone Booths, and Fax / Photocopy shops;
- e) Automobile and all other types of repairs, servicing and maintenance centres (unless specifically covered under another tariff category); Retail Gas Filling Stations, Petrol Pumps and Service Stations, including Garages;
- f) Tailoring Shops, Computer Training Institutes, Typing Institutes, Photo Laboratories, Laundries, Beauty Parlours and Saloons;
- g) Banks and ATM centres, Telephone Exchanges, TV Stations, Microwave Stations, Radio Stations, Telecommunications Towers;
- h) Sports Clubs/facilities, Health Clubs/facilities, Gymnasiums, Swimming Pools not covered under any other category;
- i) Construction of all types of structures/ infrastructure for any purposes;
- j) Sewage Treatment Plant/ Effluent Treatment Plant and common facilities like Water Pumping / Lifts / Fire-Fighting Pumps and other equipment / Street and other common area Lighting for Commercial Complexes and not covered under the LT III - Industry category;

- k) Stand-alone Research and Development Units not covered under any other category;
- l) Electrical Charging Centres for Vehicles; provided that, in case the consumer uses the electricity for charging his own vehicle at his premises, the tariff applicable shall be as per the category of such premises.

Rate Schedule

FY 2018-19

Consumer Category	Fixed/Demand Charge per month	Wheeling Charges (Rs. /kWh)	Energy Charges (Rs. /kWh)
LT II (A)	Rs. 270	1.34	4.90
LT II (B)	Rs. 270 per kVA	1.34	4.55
2200 Hrs-0600 Hrs			(1.50)
0600 Hrs-0900 Hrs & 1200 Hrs-1800 Hrs			-
0900 Hrs-1200 Hrs			0.80
1800 Hrs-2200 Hrs			1.10

FY 2019-20

Consumer Category	Fixed/Demand Charge per month	Wheeling Charges (Rs. /kWh)	Energy Charges (Rs. /kWh)
LT II (A)	Rs. 290	1.36	5.85
LT II (B)	Rs. 290 per kVA	1.36	5.35
2200 Hrs-0600 Hrs			(1.50)
0600 Hrs-0900 Hrs & 1200 Hrs-1800 Hrs			-
0900 Hrs-1200 Hrs			0.80
1800 Hrs-2200 Hrs			1.10

Note:

The ToD Tariff is compulsorily applicable to LT II (B) (i.e., above 20 kW), and optionally available to LT- II (A) (i.e., up to 20 kW) having ToD meter installed.

LT III: LT- Industry

LT III (A) - LT-Industry upto 20 kW load

LT III (B) - LT- Industry, above 20 kW load

This tariff category is applicable for electricity for Industrial use, at Low/Medium Voltage, for purposes of manufacturing and processing, including electricity used within such premises for general lighting, heating/cooling, etc.

It is also applicable for use of electricity / power supply for Administrative Offices / Canteens, Recreation Hall / Sports Club or facilities / Health Club or facilities/ Gymnasium / Swimming Pool exclusively meant for employees of the industry; Research and Development units, etc. -

Provided that all such facilities are situated within the same industrial premises and supplied power from the same point of supply;

This tariff category shall also be applicable for use of electricity / power supply by an Information Technology (IT) or IT-enabled Services (ITeS) Unit as defined in the applicable IT and ITeS Policy of Government of Maharashtra. Where such Unit does not hold the relevant permanent registration Certificate, the tariff shall be as per the LT II category, and the LT III tariff shall apply to it after receipt of such permanent registration Certificate and till it is valid.

It is also applicable for use of electricity / power supply for common facilities in the IT Park/SEZ (such as lobbies, central air conditioning, lifts, escalators, Effluent Treatment Plant/Sewage Treatment Plant, wash rooms etc.) which are used by the Units, excluding support services areas, after the registration is granted to the IT Park by the Directorate of Industries and Development Commissioner of the SEZ for an IT SEZ, as per the IT and ITeS Policy of the Government of Maharashtra as applicable from time to time. (In case the Government of Maharashtra revisits the present dispensation given under the IT and ITeS Policy, 2015, such use will be billed under the Commercial tariff category unless otherwise stipulated in the revised Policy.)

Rate Schedule

FY 2018-19

Consumer Category	Fixed/Demand Charge per month	Wheeling Charges (Rs./kWh)	Energy Charges (Rs./kWh)
LT III (A)	Rs. 270	1.34	4.55
LT III (B)	Rs. 270 per kVA	1.34	4.55
2200 Hrs-0600 Hrs			(1.50)
0600 Hrs-0900 Hrs & 1200 Hrs-1800 Hrs			-
0900 Hrs-1200 Hrs			0.80
1800 Hrs-2200 Hrs			1.10

FY 2019-20

Consumer Category	Fixed/Demand Charge per month	Wheeling Charges (Rs./kWh)	Energy Charges (Rs./kWh)
LT III (A)	Rs. 290	1.36	5.40
LT III (B)	Rs. 290 per kVA	1.36	5.35
2200 Hrs-0600 Hrs			(1.50)
0600 Hrs-0900 Hrs & 1200 Hrs-1800 Hrs			-
0900 Hrs-1200 Hrs			0.80
1800 Hrs-2200 Hrs			1.10

Note:

The ToD Tariff is compulsorily applicable to LT III (B) (i.e., above 20 kW), and optionally available to LT- III (A) (i.e., up to 20 kW) having ToD meter installed.

MISCELLANEOUS AND GENERAL CHARGES

Fuel Adjustment Charge (FAC) Component of Z-factor Charge

The Fuel Adjustment Charge (FAC) component of the Z-factor Charge will be determined in accordance with the formula specified in the relevant Multi Year Tariff

Regulations and any directions that may be given by the Commission from time to time, and will be applicable to all consumer categories for their entire consumption. In case of any variation in the fuel prices and power purchase prices, the Distribution Licensee shall pass on the adjustments through the FAC component of the Z-factor Charge accordingly.

The details of applicable Z_{FAC} for each month shall be available on the Distribution Licensee's website www.krahejacorp.com.

Electricity Duty and Tax on Sale of Electricity

Electricity Duty and Tax on Sale of Electricity shall be levied in addition to the tariffs approved by the Commission, and in accordance with the Government of Maharashtra stipulations from time to time. The rate and the reference number of the Government Resolution/ Order under which the Electricity Duty and Tax on Sale of Electricity are applied shall be stated in the consumers' energy bills. A copy of such Resolution / Order shall be provided on the Distribution Licensee's website www.krahejacorp.com.

Power Factor Computation

Where the average Power Factor measurement is not possible through the installed meter, the following formula for calculating the average Power Factor during the billing period shall be applied:

$$\text{Average Power Factor} = \frac{\text{Total}(kWH)}{\text{Total}(kVAh)}$$

$$\text{Wherein the } kVAh \text{ is} = \sqrt{\sum (kWh)^2 + \sum (RkVAh)^2}$$

(i.e., Square Root of the summation of the squares of kWh and RkVAh)

Power Factor Incentive

Applicable for HT I: HT- Industry and HT II: HT- Commercial categories as well as LT II (B): LT- Commercial (above 20 kW) and LT III (B): LT- Industry (above 20 kW) categories.

Whenever the average Power Factor is more than 0.95, an incentive shall be given at the rate of the following percentages of the amount of the monthly electricity bill, excluding Taxes and Duties:

Sl.	Range of Power Factor	Power Factor Level	Incentive
1	0.951 to 0.954	0.95	0%
2	0.955 to 0.964	0.96	1%
3	0.965 to 0.974	0.97	2%
4	0.975 to 0.984	0.98	3%
5	0.985 to 0.994	0.99	5%
6	0.995 to 1.000	1.00	7%

Note: Power Factor shall be measured/computed upto 3 decimals, after universal rounding off.

Power Factor Penalty

Applicable for HT I: HT- Industry and HT II: HT- Commercial categories as well as LT II (B): LT- Commercial (above 20 kW) and LT III (B): LT-Industry (above 20 kW) categories.

Whenever the average PF is less than 0.9, penal charges shall be levied at the rate of the following percentages of the amount of the monthly electricity bill, excluding Taxes and Duties:

Sl.	Range of Power Factor	Power Factor Level	Penalty
1	0.895 to 0.900	0.90	0%
2	0.885 to 0.894	0.89	2%
3	0.875 to 0.884	0.88	3%
4	0.865 to 0.874	0.87	4%
5	0.855 to 0.864	0.86	5%
6	0.845 to 0.854	0.85	6%
7	0.835 to 0.844	0.84	7%
8	0.825 to 0.834	0.83	8%
9	0.815 to 0.824	0.82	9%
10	0.805 to 0.814	0.81	10%
...

Note: Power Factor shall be measured/computed upto 3 decimals, after universal rounding off.

Prompt Payment Discount

A prompt payment discount of one percent of the monthly bill (excluding Taxes and Duties) shall be provided to consumers for payment of electricity bills within 7 days from the date of their issue.

Delayed Payment Charge

In case the electricity bill is not paid within the due date mentioned on the bill, a Delayed Payment Charge of 1.25 percent shall be levied on the total amount of the electricity bill (including Taxes and Duties).

Rate of Interest on Arrears

The rate of interest chargeable on the arrears of payment of billed dues shall be as given below:

Sr. No.	Delay in Payment (months)	Interest Rate per annum (%)
1	Payment after 60 days and upto 90 days from date of billing	12%
2	Payment beyond 90 days and upto 180 days from date of billing	15%
3	Payment beyond 180 days from date of billing	18%

Load Factor Incentive

Consumers having a Load Factor above 75% and upto 85% will be entitled to an incentive in the form of a rebate of 0.75% on the Energy Charges for every percentage point increase in Load Factor from 75% to 85%. Consumers having a Load Factor above 85 % will be entitled to a rebate of 1% on the Energy Charges for every percentage point increase in Load Factor from 85%. The total rebate will be subject to a ceiling of 15% of the Energy Charges applicable to the consumer.

This incentive is applicable only to consumers in the tariff categories HT I: Industry and HT II: Commercial.

The Load Factor incentive will be available only if the consumer has no arrears with the arrears in instalments has been allowed by the Distribution Licensee, and such payment is being made as scheduled. The Distribution Licensee shall take a commercial decision on the schedule for such payments.

The Load Factor is to be computed as follows:

$$\text{Load Factor} = \frac{\text{Consumption during the month in MU}}{\text{Maximum Consumption possible during the month in MU}}$$

Maximum consumption possible = Contract Demand (kVA) × Actual Power Factor × (total no. of hours during the month, less planned load shedding hours*)

* - Interruption/non-supply to the extent of 60 hours in a 30-day month.

In case the Billing Demand exceeds the Contract Demand in any particular month, the Load Factor Incentive will not be payable in that month. (The Billing Demand definition excludes the demand recorded during the non-peak hours, i.e., 22:00 hrs to 06:00 hrs and, therefore, even if the Maximum Demand exceeds the Contract Demand in that period, Load Factor Incentive would be applicable. However, the consumer would be subject to and shall have to pay the penal charges applicable for exceeding such Contract Demand.

Penalty for exceeding Contract Demand

A consumer (availing Demand-based Tariff) exceeding his Contract Demand will be billed at the applicable Demand Charge rate for the Demand actually recorded, and also be charged an additional amount at the rate of 150% of the applicable Demand Charge (only for the Demand in excess of the Contract Demand).

Under these circumstances, the consumer shall not be liable for any other action under Section 126 of the EA, 2003, since the penal additional Demand Charge provides for the penalty that the consumer is liable to pay for exceeding his Contract Demand. In case a consumer exceeds his Contract Demand on more than three occasions in a calendar year, the action to be taken would be governed by the provisions of the Supply Code Regulations.

Consumers' Security Deposit

- 1) Subject to the provisions of Section 47(5) of the Electricity Act, 2003, the Distribution Licensee shall require any person to whom supply of electricity has been sanctioned to deposit an amount as security in accordance with the provisions of Section 47(1) (a).
- 2) The amount of the Security Deposit shall be equal to the average of three months' billing or the billing cycle period, whichever is less. For determining the average billing, the average of the billing to the consumer for the last twelve months or, where supply has been provided for a shorter period, the average of the billing of such shorter period, shall be considered
- 3) Where the Distribution Licensee requires security from a consumer at the time of commencement of service, the amount of such security shall be estimated based on the tariff category and Contract Demand/Sanctioned Load, Load Factor, diversity factor and number of working shifts of the consumer.
- 4) The Distribution Licensee shall re-calculate the amount of Security Deposit payable, based on the actual billing of the consumer, once in each financial year.
- 5) Where the amount of Security Deposit maintained by the consumer is higher than the security required to be maintained under the Supply Code Regulations, the Distribution Licensee shall refund the excess amount to the consumer in a single instalment.
- 6) Such refund shall be made upon a request of the person who gave the security, and with intimation to the consumer if different from such person; and shall be made, at the option of such person, by way of adjustment in the next bill or by way of a separate cheque payment within 30 days from the receipt of such request;
- 7) No refund shall be required to be made where the amount of refund does not exceed 10% of the amount of the Security Deposit required to be maintained by the consumer or Rs 300/-, whichever is higher.
- 8) Where the amount of security re-assessed as above is higher than the Security Deposit of the consumer, the Distribution Licensee shall be entitled to raise a demand for additional Security Deposit. The consumer shall be given not less than 30 days to deposit the additional security pursuant to such demand.
- 9) Upon termination of supply, the Distribution Licensee shall, after recovery of all amounts due, refund the remaining amount of security to the person who deposited it, with intimation to the consumer if different from such person.
- 10) A consumer - (i) with a consumption of electricity of not less than one lakh kilo-Watt hours per month; and (ii) with no undisputed sums payable to the Distribution



Licensee under Section 56 of the Electricity Act, 2003 may, at the option of such consumer, deposit security by way of cash, irrevocable letter of credit or unconditional Bank Guarantee issued by a scheduled commercial Bank.

11) The Distribution Licensee shall pay interest on the amount of Security Deposit in cash (including by cheque or demand draft) at the Base Rate of State Bank of India as on 1st April of the financial year for which the interest is payable, plus 150 basis points, provided that the amount of such cash Deposit maintained by the consumer is at least Rs. 50/-.

12) Interest on the Security Deposit made in cash shall be payable from the date of its deposit by the consumer till the date of dispatch of the refund by the Distribution Licensee.

Definitions

Maximum Demand

Maximum Demand in kilo-Watts or kilo-Volt Amperes, in relation to any period shall, unless otherwise provided in any general or specific Order of the Commission, mean twice the highest number of kilo-watt-hours or kilo-Volt Ampere hours supplied and taken during any consecutive thirty-minute blocks in that period.

Contract Demand

Contract Demand means the demand in kilo-Watt (kW) or kilo-Volt Amperes (kVA), mutually agreed between the Distribution Licensee and the consumer as entered into in the agreement or agreed through other written communication. (For conversion of kW into kVA, the Power Factor of 0.80 shall be applied.)

Sanctioned Load

Sanctioned Load means the load in kW mutually agreed between the Distribution Licensee and the consumer.

Billing Demand - LT tariff categories

Monthly Billing Demand will be the higher of the following:

- 65% of the actual Maximum Demand recorded in the month during 0600 hours to 2200 hours;
- 40% of the Contract Demand.

Note:

- Only the Demand registered during the period 0600 to 2200 Hrs. will be considered for determination of the Billing Demand.

- In case of a change in Contract Demand, the above period will be reckoned from the month following the month in which the change in Contract Demand is affected.

Billing Demand - HT tariff categories

Monthly Billing Demand will be the higher of the following:

- a) Actual Maximum Demand recorded in the month during 0600 hours to 2200 hours;
- b) 75% of the highest Billing Demand recorded during the preceding eleven months, subject to the limit of Contract Demand;
- c) 50% of the Contract Demand.

Note:

- Only the Demand registered during the period 0600 to 2200 Hrs. will be considered for determination of the Billing Demand.

- In case of a change in Contract Demand, the above period will be reckoned from the month following the month in which the change of Contract Demand is affected.



7 Prayers

MBPPL prays to the Hon'ble Commission as under:

- (a) To admit the Mid Term Review Petition as per the provisions of the MYT Regulations, 2015 as amended from time to time and consider for further proceedings before the Hon'ble Commission;
- (b) To approve the Truing up and Revenue Gap/(Surplus) for FY 2015-16 and FY 2016-17 and recovery of the same through tariff, as proposed by MBPPL;
- (c) To revise the approved O&M expenses for FY 2015-16 and FY 2016-17 and future years based on the detailed justification submitted by the Petitioner;
- (d) To approve the provisional Truing up and Revenue Gap/(Surplus) for FY 2017-18 and recovery of the same through tariff, as proposed by MBPPL;
- (e) To approve Aggregate Revenue Requirement for FY 2018-19 and FY 2019-20 and its recovery through tariff, as proposed by MBPPL;
- (f) To approve Retail Supply Tariff for FY 2018-19 and FY 2019-20 and the tariff schedule, as proposed by MBPPL;
- (g) To invoke its powers under Regulation 102 of the MYT Regulations, 2015 in order to allow deviations from the MYT Regulations, 2015 wherever sought in this Petition;
- (h) Allow additions/alterations/modifications/changes to the Petition at a future date;
- (i) Allow any other relief, order or direction, which the Hon'ble Commission deems fit to be issued;
- (j) Condone any inadvertent errors/inconsistencies/omissions/rounding off differences, etc., as may be there in the Petition.

8 Compliance of Directives

Directive 1:

MBPPL is directed to submit a DPR clubbing the expenditure proposed for '22/0.4 kV distribution transformer and switchgear', 'LT Panel and Network' and '22 kV Network' for prudence check and in-principle approval.

MBPPL's Reply:

MBPPL has received the MYT Order in October, 2016. The capital expenditure spent towards Building No. 12, which was under construction at time of filing the MYT Petition, was already capitalized by March 31, 2016 i.e., before the receipt of the MYT Order. MBPPL will submit the separate DPR for capital expenditure incurred in FY 2015-16 for post facto approval.

Further, Building No. 15 is proposed to be constructed in SEZ area. The construction of the Building No. 15 is proposed to be started in April 2018. The construction of electrical infrastructure likely to be started by December, 2018. MBPPL will submit the DPR for Building No. 15 well before the start of Capital Expenditure for in principle approval.

Directive 2:

Although MBPPL has claimed Contingency Reserve, it has not proposed any investment in accordance with the MYT Regulations, 2011. MBPPL is directed to invest the contribution to Contingency Reserves in the manner provided in the Regulations.

MBPPL's Reply:

The Contingency Reserve approved for FY 2015-16 has been invested in G-Sec bonds after issuance of the MYT Order. Further, Contingency reserve approved for FY 2016-17 has also been invested. The documentary evidences against for the purchase of G-Sec Bonds as investment of contingency reserves for FY 2015-16 and FY 2016-17 have been attached as **Annexure - XI-A & Annexure XI-B**

Directive 3:

The Commission directs MBPPL to ensure metering of all interface points. MBPPL should provide a single-line diagram with marked up interface meters (T<>D periphery and details of

consumer metering points at Point of Supply). Further, MBPPL should submit month-wise energy accounts for all interface points along with its Petition at the time of MTR.

MBPPL's Reply:

The Single line diagram (SLD) showing the details of electrical infrastructure have already been submitted along with CAPEX DPR. The updated SLD is attached herewith. The copy of latest available month-wise energy account statements for State-wise energy accounts (FBSM/IBSM) for FY 2015-16, FY 2016-17 and FY 2017-18 (April 2017 to Sept. 2017) for all interface points is also attached herewith as **Annexure - XII** to this Petition.

Directive 4:

MBPPL is directed to segregate the Distribution Losses between the HT and LT level and submit the breakup at the time of MTR

MBPPL's Reply:

MBPPL submit that the distribution network is purely HVDS (High Voltage Distribution System). For consumers availing supply on HT Voltage, the metering is provided at 22 kV level. For consumers availing supply on LT voltage, the metering is provided on LT distribution Panel itself. Hence, service cable connecting to the consumer premise is after the metering point. Thus, practically there is no LT distribution network in the system. The distribution loss mentioned in the Petition is purely the loss of 22 kV network emanating from T<>D Interface point (EHV Substation), 22 kV HT network and 22/0.433 kV Distribution Transformers. Only the interconnecting cable from LV bushing of Distribution Transformer up to LT panel may be considered as network on LT side, whose loss is not measurable and is negligible as compared to the total distribution loss of the system. Hence, the Distribution loss submitted in the present Petition comprises of loss of HT network.

Directive 5:

MBPPL should provide the segregated voltage-wise (HT: LT) capitalized value (Opening GFA) for each asset class during the MTR.

MBPPL's Reply:

The segregated voltage-wise (HT:LT) capitalised value (approved Opening GFA for FY 2015-16) for each asset class has been submitted as under:

Sr. No.	Particulars	Amount (Rs. Crore)
	HT level	
1	22 kV Receiving Station	10.55
2	22 kV Network	-
3	Distribution Substation	18.41
4	Sub-total (A)	28.96
	LT Level	
5	LT Panel	14.34
6	AMR and Consumer metering	1.42
7	Sub-total (B)	15.76
8	Grand Total (A+B)	44.72

Directive 6:

MBPPL is directed to submit, at the time of MTR filing, relevant details and computation of VCoS in line with framework stipulated by the ATE.

MBPPL's Reply:

In view of reply of Directive (4), the since the distribution loss for MBPPL is effectively the loss at HT level. Hence, Voltage wise cost of supply would be same as Average Cost of supply computed in the present Petition.

Directive 7:

The monthly electricity bills issued by MBPPL to its consumers do not have basic details such applicable per unit rate. MBPPL should study the monthly bills issued by other Distribution Licensees, and should also incorporate the minimum required information as per the provisions of the Supply Code.

MBPPL's Reply:

MBPPL submitted that the monthly electricity bills issued by MBPPL to its consumers are fully compliant with the provisions of the Supply Code and have all the requisite information, including applicable per unit rate on the back side of the bill. (in order to

reduce the clutter of information on the front side). The same has been recognised by the Hon'ble Commission in Order dated November 28, 2017 in Case No. 168 of 2016.

Directive 8:

Given the approach followed ('plug and play') by MBPPL for the creation of electrical infrastructure, it would be in MBPPL's interest to control the harmonics level at the point of supply to the extent possible so that the quality of supply to other consumers is not affected. MBPPL may explore alternatives to reduce/control the harmonics in its system considering the recommendations of various studies and the technical solutions available.

MBPPL's Reply:

MBPPL is supplying electricity specifically to IT & ITeS categories and is mandated to provide reliable and quality power supply in its area of supply as per the requirement of SEZ. For providing reliable power supply, MBPPL has planned its distribution network with adequate redundancy and has made significant efforts to maintain reliable power supply. MBPPL submits that supplying quality power to the consumer means providing the supply with appropriate voltage and frequency, in their intended manner without significant loss of performance.

In the MBPPL's area of supply, the major load consists of HVAC load, which prone to inject the harmonics in the distribution system. Further, load such as computers and other IT equipment are also prone to inject harmonics in the distribution system. In order to control such harmonics at consumer level, MBPPL has been taking active measures at consumer side (beyond the metering point). The supply provided by MBPPL is within the prescribed harmonic level of 5% V_{THD} . As per IEEE STD 519-1992, allowable level of Total Voltage Distortion (V_{THD}) is 5% and for Total Current Distortion (I_{THD}), it is 20%. Further, the quality of supply of this level is just not desirable for some high end consumers having high sensitivity data and desires more precision in quality of supply. Hence, there is urgent need to control the harmonics injected from source side. In view of the above, MBPPL has proposed to take measures to control the injection of harmonics from source side. MBPPL will submit the separate DPR in this regard in due course of time.

Mindspace Business Parks Private Limited
 Mid Term Review Petition Formats - Distribution Wires and Retail Supply
 Form 1 : Customer Sales Forecast

A) Sales Forecast

Consumer Category & Consumption Slab	FY 2015-16		
	MYT Order (a)	April-March (Audited) (b)	True-Up requirement (c) = (b) - (a)
HT Category			
HT I	74.91	74.91	-
HT II	0.11	0.11	-
Sub-total	75.02	75.02	-
LT Category			
LT III A	0.11	0.11	-
LT II B	0.30	0.30	-
LT II C	-	0.00	-
LT V A	0.29	0.29	-
LT V B	6.16	6.16	-
Sub-total	6.86	6.86	-
Total	81.87	81.87	-

A) Sales Forecast

Consumer Category & Consumption Slab	FY 2016-17				FY 2017-18			FY 2018-19		FY 2019-20	
	MYT Order (d)	April-March (Audited) (e)	True-Up requirement (f) = (d) - (e)	MYT Order (g)	Apr-Sep (Actual) (h)	Oct-Mar (Actual) (i)	Apr-Mar (Actual) (j) = (h) + (i)	MYT Order (l)	Revised Projection (m)	MYT Order (n)	Revised Projection (o)
HT Category											
HT I	83.41	74.87	8.54	96.25	39.74	35.53	75.27	103.21	79.62	110.24	80.41
HT II	3.73	-	3.73	3.73	-	-	-	1.96	5.00	-	6.00
Sub-total HT	87.14	74.87	12.26	99.97	39.74	35.53	75.27	105.17	84.62	110.24	86.41
LT Category											
LT I (G-P)	-	-	-	-	-	-	-	-	-	-	-
LT II (A)	0.12	0.32	(0.20)	0.12	0.29	0.34	0.63	0.12	0.64	0.12	0.64
LT II (B)	0.30	0.46	(0.16)	0.31	0.23	0.14	0.37	0.31	0.38	0.31	0.38
LT III (A)	0.30	0.19	0.11	0.30	0.00	0.00	0.01	0.30	0.01	0.31	0.01
LT III (B)	6.34	7.04	(0.70)	6.40	3.71	3.42	7.13	6.47	7.20	6.53	7.27
Sub-total LT	7.06	8.01	(0.95)	7.13	4.23	3.91	8.14	7.20	8.22	7.27	8.31
Total	94.19	82.88	11.31	107.10	43.97	39.44	83.41	112.37	92.84	117.51	94.72

Notes -

- 1) Licensees are required to provide the details for the customer categories applicable to their licence area
- 2) Licensees should submit separate data for all sub-categories and consumption slabs within each category



MindSpace Business Parks Private Limited
Mid Term Review Petition Formats - Distribution Wires and Retail Supply
Form 1 : Customer Sales Forecast

B) Details of Sales

FY 2015-16 - Actuals

Consumer Category & Consumption	(MU)												
	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
HT Category													
HT I	4.77	6.68	6.51	6.80	6.47	6.41	6.88	6.24	6.11	5.69	5.79	6.56	74.91
HT II	0.06	0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.11
LT Category													
LT II (A)	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.11
LT II (B)	0.01	0.02	0.02	0.03	0.03	0.04	0.02	0.02	0.03	0.02	0.02	0.03	0.30
LT II (C)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LT V (A)	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.29
LT V (B)	0.33	0.47	0.46	0.46	0.50	0.56	0.57	0.54	0.56	0.54	0.55	0.61	6.16
Total	5.19	7.21	7.04	7.32	7.04	7.05	7.51	6.85	6.74	6.29	6.40	7.24	81.87

FY 2016-17 - Actuals

Consumer Category & Consumption	(MU)												
	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total (Estimated)
HT Category													
HT I	6.71	7.27	6.86	6.21	6.46	6.07	6.10	5.74	5.86	5.65	5.46	6.50	74.87
HT II	-	-	-	-	-	-	-	-	-	-	-	-	-
LT Category													
LT I (G-P)	-	-	-	-	-	-	-	-	-	-	-	-	-
LT II (A)	0.01	0.01	0.01	0.01	0.01	0.01	0.04	0.04	0.04	0.04	0.04	0.05	0.32
LT II (B)	0.03	0.03	0.03	0.02	0.03	0.04	0.05	0.04	0.05	0.05	0.04	0.06	0.46
LT III (A)	0.03	0.03	0.03	0.03	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.19
LT III (B)	0.61	0.63	0.61	0.58	0.61	0.58	0.59	0.56	0.57	0.56	0.53	0.61	7.04
Total	7.38	7.97	7.54	6.85	7.14	6.72	6.79	6.38	6.53	6.30	6.08	7.21	82.88

FY 2017-18 - Actual

Consumer Category & Consumption Slab	(MU)												
	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total (Actual)
HT Category													
HT I	6.60	7.21	6.53	6.74	6.36	6.31	6.44	5.87	5.63	5.71	5.42	6.46	75.27
HT II	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LT Category													
LT I (G-P)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LT II (A)	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.05	0.06	0.06	0.05	0.06	0.63
LT II (B)	0.05	0.06	0.03	0.03	0.03	0.02	0.03	0.02	0.02	0.02	0.02	0.03	0.37
LT III (A)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
LT III (B)	0.59	0.63	0.63	0.62	0.62	0.61	0.59	0.57	0.56	0.56	0.53	0.60	7.13
Total	7.29	7.95	7.24	7.44	7.06	6.99	7.12	6.52	6.27	6.35	6.02	7.16	83.41

Notes -

- Licensees are required to provide the details for the customer categories applicable to their licence area
- Separate details of actual Sales for each Distribution Franchisee area, if any, shall be provided
- Licensees should submit separate data for all sub-categories and consumption slabs within each category

169



MindSpace Business Parks Private Limited
 Mid Term Review Petition Formats - Distribution Wires and Retail Supply
 Form 1 : Customer Sales Forecast

FY 2018-19 - Revised Projection

Consumer Category & Consumption Slab	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total (Estimated)
HT Category													
HT I	6.96	7.58	6.90	7.11	6.72	6.67	6.81	6.23	5.98	6.06	5.77	6.83	79.62
HT II	-	-	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	5.00
LT Category													
LT I (G-P)	-	-	-	-	-	-	-	-	-	-	-	-	-
LT II (A)	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.05	0.06	0.64
LT II (B)	0.05	0.06	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.03	0.38
LT III (A)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
LT III (B)	0.60	0.64	0.64	0.63	0.62	0.61	0.60	0.58	0.57	0.57	0.53	0.61	7.20
Total	7.66	8.33	8.11	8.32	7.93	7.86	7.99	7.39	7.13	7.21	6.88	8.03	92.84

FY 2019-20 - Revised Projection

Consumer Category & Consumption Slab	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total (Estimated)
HT Category													
HT I	7.03	7.65	6.97	7.18	6.79	6.73	6.87	6.29	6.04	6.12	5.83	6.90	80.41
HT II	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	6.00
LT Category													
LT I (G-P)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LT II (A)	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.64
LT II (B)	0.05	0.06	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.03	0.38
LT III (A)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
LT III (B)	0.60	0.65	0.65	0.64	0.63	0.62	0.60	0.59	0.57	0.58	0.54	0.62	7.27
Total	8.24	8.91	8.19	8.40	8.00	7.93	8.06	7.46	7.19	7.28	6.95	8.11	94.72

Past Sales Data\$

Consumer Category & Consumption Slab	FY 2011-12	FY 2012-13	FY 2013-14	FY 2014-15
HT Category				
Category-1				
Category-n				
LT Category				
Category-1				
Category-n				
Total				

NOT APPLICABLE

Notes -

- 1) Licensees are required to provide the details for the customer categories applicable to their licence area
- 2) \$- Separate details of actual Sales for each Distribution Franchisee area, if any, shall be provided
- 3) Licensees should submit separate data for all sub-categories and consumption slabs within each category

170



MindSpace Business Parks Private Limited
 Mid Term Review Petition Formats - Distribution Wires and Retail Supply
 Form 1.1 : Wheeling Forecast

171

A) Wheeling Forecast

Consumer Category & Consumption Slab	FY 2015-16		True-Up requirement (c) = (b) - (a)
	MYT Order (a)	April-March (Audited) (b)	
HT Category			
HT I	74.85	74.85	-
HT II	0.11	0.11	-
Sub-total	74.96	74.96	-
LT Category			
LT II A	0.11	0.11	-
LT II B	0.30	0.30	-
LT II C	-	0.00	-
LT V A	0.29	0.29	-
LT V B	6.15	6.15	-
Sub-total	6.85	6.85	-
Total	81.81	81.81	-

A) Sales Forecast

Consumer Category & Consumption Slab	FY 2016-17		True-Up requirement (f) = (d) - (e)	FY 2017-18		Provisional True-Up requirement (k) = (g) - (j)	FY 2018-19		FY 2019-20			
	MYT Order (d)	April-March (Audited) (e)		MYT Order (g)	Apr-Sep (Actual) (h)		Oct-Mar (Actual) (i)	Apr-Mar (Actual) (j) = (h) + (i)	MYT Order (l)	Revised Projection (m)	MYT Order (n)	Revised Projection (o)
HT Category												
HT I	83.95	75.48	8.47	96.87	40.10	35.86	75.96	20.91	103.87	80.35	110.95	81.15
HT II	3.75	-	3.75	3.75	0.00	0.00	-0.00	3.75	1.98	5.05	0	6.06
Sub-total	87.70	75.48	12.22	100.62	40.10	35.86	75.96	24.66	105.85	85.40	110.95	87.21
LT Category												
LT I (G-P)	-	-	-	-	-	-	-	-	-	-	-	-
LT II (A)	0.12	0.32	(0.20)	0.12	0.29	0.34	0.64	(0.32)	0.12	0.64	0.12	0.65
LT II (B)	0.31	0.47	(0.16)	0.31	0.23	0.15	0.38	(0.07)	0.31	0.38	0.32	0.39
LT III (A)	0.30	0.19	0.11	0.30	0.00	0.00	0.01	0.30	0.31	0.01	0.31	0.01
LT III (B)	6.38	7.10	(0.72)	6.44	3.74	3.45	7.19	(0.75)	6.51	7.27	6.57	7.34
Sub-total	7.10	8.07	(0.97)	7.17	4.27	3.95	8.22	(1.04)	7.24	8.30	7.32	8.38
Total	94.80	83.55	11.25	107.79	44.37	39.80	84.17	23.62	113.09	93.69	118.27	95.59

Notes -
 1) Licensees are required to provide the details for the customer categories applicable to their license area
 2) Licensees should submit separate data for all sub-categories and consumption slabs within each category



MindSpace Business Parks Private Limited
 Mid Term Review Petition Formats - Distribution Wires and Retail Supply
 Form I.1 : Wheeling Forecast

B) Details of Sales

FY 2015-16 - Actuals

Consumer Category & Consumption Slab	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
HT Category													
HT I	4.76	6.67	6.51	6.79	6.47	6.40	6.87	6.24	6.11	5.69	5.78	6.55	74.85
HT II	0.06	0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.11
LT Category													
LT I (A)	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.11
LT II (B)	0.01	0.02	0.02	0.03	0.03	0.04	0.02	0.02	0.03	0.02	0.02	0.03	0.30
LT III (C)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LT V (A)	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.29
LT V (B)	0.33	0.47	0.46	0.46	0.50	0.56	0.57	0.54	0.56	0.54	0.55	0.61	6.15
Total	5.18	7.21	7.03	7.32	7.03	7.04	7.51	6.84	6.74	6.29	6.39	7.24	81.81

- Notes -
 1) Licensees are required to provide the details for the customer categories applicable to their licence area
 2) S- Separate details of actual Sales for each Distribution Franchisee area, if any, shall be provided
 3) Licensees should submit separate data for all sub-categories and consumption slabs within each category

FY 2016-17 - Actuals

Consumer Category & Consumption Slab	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total (Estimated)
HT Category													
HT I	6.76	7.33	6.92	6.26	6.51	6.12	6.15	5.78	5.91	5.69	5.51	6.55	75.48
HT II	-	-	-	-	-	-	-	-	-	-	-	-	-
LT Category													
LT I (G-P)	-	-	-	-	-	-	-	-	-	-	-	-	-
LT II (A)	0.01	0.01	0.01	0.01	0.01	0.01	0.04	0.04	0.04	0.04	0.04	0.05	0.32
LT II (B)	0.03	0.03	0.03	0.02	0.03	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.47
LT III (A)	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.19
LT III (B)	0.61	0.63	0.62	0.59	0.61	0.58	0.60	0.56	0.58	0.57	0.54	0.61	7.10
Total	7.44	8.03	7.60	6.91	7.20	6.78	6.84	6.44	6.58	6.36	6.13	7.26	83.55

FY 2017-18 - Actuals

Consumer Category & Consumption Slab	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total (Actual)
HT Category													
HT I	6.66	7.27	6.59	6.80	6.41	6.36	6.50	5.93	5.68	5.76	5.47	6.52	75.96
HT II	-	-	-	-	-	-	-	-	-	-	-	-	-
LT Category													
LT I (G-P)	-	-	-	-	-	-	-	-	-	-	-	-	-
LT II (A)	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.05	0.06	0.64
LT II (B)	0.05	0.06	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.03	0.38
LT III (A)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
LT III (B)	0.60	0.64	0.64	0.63	0.62	0.61	0.60	0.58	0.57	0.57	0.53	0.61	7.19
Total	7.35	8.02	7.31	7.51	7.12	7.05	7.18	6.58	6.32	6.41	6.08	7.23	84.17

- Notes -
 1) Licensees are required to provide the details for the customer categories applicable to their licence area
 2) S- Separate details of actual Sales for each Distribution Franchisee area, if any, shall be provided
 3) Licensees should submit separate data for all sub-categories and consumption slabs within each category

172



FY 2018-19 - Revised Projection

Consumer Category & Consumption Slab	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total (Estimated)
HT Category													
HT I	7.03	7.65	6.96	7.17	6.78	6.73	6.87	6.29	6.04	6.12	5.83	6.89	80.35
HT II	-	-	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	5.05
LT Category													
LT I (G-P)	-	-	-	-	-	-	-	-	-	-	-	-	-
LT II (A)	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.64
LT II (B)	0.05	0.06	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.03	0.38
LT III (A)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
LT III (B)	0.60	0.64	0.64	0.63	0.63	0.62	0.60	0.58	0.57	0.58	0.54	0.62	7.27
Total	7.73	8.41	8.19	8.39	8.00	7.93	8.06	7.46	7.19	7.28	6.95	8.11	93.69

FY 2019-20 - Revised Projection

Consumer Category & Consumption Slab	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total (Estimated)
HT Category													
HT I	7.10	7.72	7.03	7.25	6.85	6.80	6.94	6.35	6.10	6.18	5.88	6.96	81.15
HT II	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	6.06
LT Category													
LT I (G-P)	-	-	-	-	-	-	-	-	-	-	-	-	-
LT II (A)	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.65
LT II (B)	0.05	0.06	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.03	0.39
LT III (A)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
LT III (B)	0.61	0.65	0.65	0.64	0.64	0.63	0.61	0.59	0.58	0.58	0.54	0.62	7.34
Total	8.31	9.00	8.26	8.47	8.08	8.00	8.14	7.53	7.26	7.35	7.01	8.18	95.59

Past Sales Data\$

Consumer Category & Consumption Slab	FY 2011-12	FY 2012-13	FY 2013-14	FY 2014-15
HT Category				
Category-1				
Category-n				
LT Category				
Category-1				
Category-n				
Total				

NOT Applicable

Notes -

- Licensees are required to provide the details for the customer categories applicable to their licence area
- Separate details of actual Sales for each Distribution Franchise area, if any, shall be provided
- Licensees should submit separate data for all sub-categories and consumption slabs within each category

[Handwritten Signature]



Mindspace Business Parks Private Limited
 Mid Term Review Petition Formats - Distribution Wires and Retail Supply
 Form 1.2 : Voltage Wise Sales

Voltage Level	FY 2015-16		FY 2016-17		FY 2017-18			FY 2018-19		FY 2019-20		(MU)
	MYT Order	April-March (Audited)	MYT Order	April-March (Audited)	MYT Order	Apr-Sep (Actual)	Oct-Mar (Actual)	Apr-Mar (Actual)	MYT Order	Revised Projection	MYT Order	
Sales at 220 kV		-		-		-		-		-		-
Sales at 110 kV/132 kV		-		-		-		-		-		-
Sales at 66 kV		-		-		-		-		-		-
Sales at 33 kV		-		-		-		-		-		-
Sales at 22 kV	75.02	75.02	87.14	74.87	99.97	39.74	35.53	75.27	105.17	84.62	110.24	86.41
Total Sales at HT level	75.02	75.02	87.14	74.87	99.97	39.74	35.53	75.27	105.17	84.62	110.24	86.41
Sales at LT Level	6.86	6.86	7.06	8.01	7.13	4.23	3.91	8.14	7.20	8.22	7.27	8.31
Total	81.87	81.87	94.19	82.88	107.10	43.97	39.44	83.41	112.37	92.84	117.51	94.72

Note: * - In case MTR Order is yet to * - Truing Up for FY 2015-16 to be done under MERC MYT Regulations, 2011 with reference to amounts approved in the MYT Order for FY 2016-17 to FY 2019-20

Apur


134

MindSPACE Business Parks Private Limited
Mid Term Review Petition Formats - Distribution & Retail Supply
Form 1.3 : Distribution Losses

FY 2015-16 - Actual vs. Approved

S.No.	Particulars	Voltage Level	Energy Input	Energy Sent to Lower network	Direct Sale	Total Output	Total Losses	Total Losses (% of Energy Input)	Total Technical Loss	Total Technical Losses (% of Energy Input)	Total Commercial Loss	Total Commercial Loss (% of Energy Input)
A	Actual Losses	22 KV	81.81	6.79	75.02	81.87	(0.06)	-0.08%	(0.06)	-0.08%	-	-
B	Approved Losses	22 KV	81.81	6.79	75.02	81.87	(0.06)	-0.08%	(0.06)	-0.08%	-	-

FY 2016-17 - Actual vs. Approved

S.No.	Particulars	Voltage Level	Energy Input	Energy Sent to Lower network	Direct Sale	Total Output	Total Losses	Total Losses (% of Energy Input)	Total Technical Loss	Total Technical Losses (% of Energy Input)	Total Commercial Loss	Total Commercial Loss (% of Energy Input)
A	Actual Losses	22 KV	83.55	8.68	74.87	82.88	0.67	0.80%	0.67	0.80%	-	-
B	Approved Losses	22 KV	94.80	7.66	87.14	94.19	0.61	0.64%	0.61	0.64%	-	-

FY 2017-18 - Actual vs. Approved

S.No.	Particulars	Voltage Level	Energy Input	Energy Sent to Lower network	Direct Sale	Total Output	Total Losses	Total Losses (% of Energy Input)	Total Technical Loss	Total Technical Losses (% of Energy Input)	Total Commercial Loss	Total Commercial Loss (% of Energy Input)
A	Actual Losses	22 KV	84.17	8.91	75.27	83.41	0.77	0.91%	0.77	0.91%	-	-
B	Approved Losses	22 KV	107.79	7.82	99.97	107.10	0.69	0.64%	0.69	0.64%	-	-

FY 2018-19 - Revised Projection

S.No.	Particulars	Voltage Level	Energy Input	Energy Sent to Lower network	Direct Sale	Total Output	Total Losses	Total Losses (% of Energy Input)	Total Technical Loss	Total Technical Losses (% of Energy Input)	Total Commercial Loss	Total Commercial Loss (% of Energy Input)
A	Projected	22 KV	93.69	9.08	84.62	92.84	0.85	0.91%	0.85	0.91%	0	0
B	Approved Losses	22 KV	113.09	7.92	105.17	112.37	0.72	0.64%	0.72	0.64%	0	0

FY 2019-20 - Revised Projection

S.No.	Particulars	Voltage Level	Energy Input	Energy Sent to Lower network	Direct Sale	Total Output	Total Losses	Total Losses (% of Energy Input)	Total Technical Loss	Total Technical Losses (% of Energy Input)	Total Commercial Loss	Total Commercial Loss (% of Energy Input)
A	Projected	22 KV	95.59	9.18	86.41	94.72	0.87	0.91%	0.87	0.91%	0	0
B	Approved Losses	22 KV	118.27	8.03	110.24	117.51	0.76	0.64%	0.76	0.64%	0	0



MindSpace Business Parks Private Limited
Mid Term Review Petition Formats - Distribution & Retail Supply
Form 1.4 : Energy Balance

Sr. No.	Particulars	UoM	FY 2015-16		FY 2016-17		FY 2017-18		FY 2018-19		FY 2019-20	
			MYT Order	April-March (Audited)	MYT Order	April-March (Audited)	MYT Order	Apr-Mar (Actual)	MYT Order	Revised Projection	MYT Order	Revised Projection
1	Power Purchase outside State of Maharashtra											
1.1	Jindal Power Ltd, Dist: Raigarh, Chattisgarh through Global Energy	MU	19.65	19.65	-	-	-	-	-	-	-	-
1.2	Jindal India Thermal Power Limited, Orissa through Global Energy	MU	6.73	7.15	-	-	-	-	-	-	-	-
1.3	Adani Power Limited Stage-II/Gujarat through Global Energy	MU	14.09	14.98	20.82	23.91	-	-	-	-	-	-
1.4	Jindal Power Limited, Chhattisgarh				55.90	62.66	74.46	77.51	74.46	74.46	74.46	74.66
1.5	GMR Energy Trading Ltd.				25.25	18.99	33.66	27.90	33.66	33.66	33.66	34.43
	Total (A)	MU	40.47	41.77	101.97	105.55	108.12	105.41	108.12	108.76	108.12	109.09
2	Inter-State Transmission loss	%	2.28%	2.10%	-	-	-	-	-	-	-	-
2.1	Inter-State Transmission loss	MU	0.92	0.88	-	0.55	-	-	-	-	-	-
3	Total Purchase at State of Maharashtra periphery (B)	MU	39.54	40.89	-	105.01	-	105.41	-	108.76	-	109.09
4	Power Purchase within Maharashtra											
4.1	JSW, Ratnagiri, Maharashtra through Global Energy	MU	43.90	43.90	-	-	-	-	-	-	-	-
	Source as Medium term PPA											
	Imbalance Pool	MU	-	0.36	-	(3.09)	4.07	(2.64)	9.59	-	14.97	-
4.n	Total (C)	MU	44.26	44.26	-	(3.09)	4.07	(2.64)	9.59	-	14.97	-
5	Total Power Purchase Payable (A+C)	MU	85.14	85.15	101.97	102.47	112.19	102.77	117.71	108.76	123.09	109.09
6	Surplus Energy Traded (D)	MU	-	-	(3.29)	(15.22)	-	(15.72)	(0.00)	(11.24)	0.00	(9.60)
7	Total Power Purchase available at G<=>T Periphery (B+C-D)	MU	85.14	85.15	(3.29)	86.70	112.19	87.05	117.71	97.52	123.09	99.49
	Energy Requirement at G<=>T Periphery	MU	85.14	85.15	98.67	86.70	112.19	87.05	117.71	97.52	123.09	99.49
8	Intra-State Transmission Loss	%	3.92%	3.92%	3.92%	3.63%	3.92%	3.30%	3.92%	3.92%	3.92%	3.92%
8.1	Intra-State Transmission Loss	MU	3.34	3.34	3.87	3.14	4.40	2.87	4.61	3.82	4.83	3.90
9	Sales at 22 kV level	MU	-	-	-	-	-	-	-	-	-	-
10	Sales at 110 kV/132 kV level	MU	-	-	-	-	-	-	-	-	-	-
11	Sales at 66 kV level	MU	-	-	-	-	-	-	-	-	-	-
12	Energy Available for sale at 22kV	MU	81.81	81.81	94.80	83.55	107.79	84.17	113.09	93.69	118.27	95.59
13	Energy Injected and drawn at 22 kV	MU	-	-	-	-	-	-	-	-	-	-
14	Total Energy Available for Sale at 22 kV	MU	81.81	81.81	94.80	83.55	107.79	84.17	113.09	93.69	118.27	95.59
15	Distribution Loss	%	-0.08%	-0.08%	0.64%	0.80%	0.64%	0.91%	0.64%	0.91%	0.64%	0.91%
15.1	Distribution Loss	MU	0.06	0.06	0.61	0.67	0.69	0.77	0.72	0.85	0.76	0.87
16	HT Sales	MU	75.02	75.02	87.14	74.87	99.97	75.27	105.17	84.62	110.24	86.41
16.1	Sales to Own Supply Consumers	MU	75.02	75.02	87.14	74.87	99.97	75.27	105.17	84.62	110.24	86.41
16.2	Sales by Licensee to Change-over consumers on other Licensee's network	MU	-	-	-	-	-	-	-	-	-	-
16.3	Sales by Other Licensee to consumers on Licensee's network	MU	-	-	-	-	-	-	-	-	-	-
16.4	Sales to Open Access Consumers	MU	-	-	-	-	-	-	-	-	-	-
17	LT Sales	MU	6.86	6.86	7.06	8.01	7.13	8.14	7.20	8.22	7.27	8.31
17.1	Sales to Own Supply Consumers	MU	6.86	6.86	7.06	8.01	7.13	8.14	7.20	8.22	7.27	8.31
17.2	Sales by Licensee to Change-over consumers on other Licensee's network	MU	-	-	-	-	-	-	-	-	-	-
17.3	Sales by Other Licensee to consumers on Licensee's network	MU	-	-	-	-	-	-	-	-	-	-

* - Truing Up for FY 2015-16 to be done under MERC MYT Regulations, 2011 with reference to amounts approved in the MYT Order for FY 2016-17 to FY 2019-20

176



MindSpace Business Parks Private Limited
Mid Term Review Petition Formals - Distribution & Retail Supply
Form 1.5 : Demand & Supply Position

Sr.No.	Particulars	Third Control Period					Beyond Control Period						
		FY 2014-15 Actuals	FY 2015-16 Actuals	FY 2016-17 Actuals	FY 2017-18 Actuals	FY 2018-19 Projected	FY 2019-20 Projected	FY 2020-21 Projected	FY 2021-22 Projected	FY 2022-23 Projected	FY 2023-24 Projected	FY 2024-25 Projected	FY 2025-26 Projected
A	Demand (MW)												
1	Base Load		7.00	7.75	8.00	8.10	8.25	8.50	9.50	10.50	10.50	10.50	10.50
2	Peak Load		8.00	8.00	8.00	8.10	8.25	8.50	9.50	10.50	10.50	10.50	10.50
3	Total		15.00	15.75	16.00	16.20	16.50	17.00	19.00	21.00	21.00	21.00	21.00
B	Supply (MW)												
1	Long Term Supply												
1.4	Total												
2	Medium Term Supply												
2.1	Jindal Power Limited			10.00	10.00	10.00	10.00	10.00					
2.2	GMR Energy Trading Limited			10.00	10.00	10.00	10.00	10.00					
2.3	Medium Term PPA for Base Load												
2.4	Medium Term PPA for Peak Load												
2.5	Total			20.00	20.00	20.00	20.00	20.00	20.00	21.00	21.00	21.00	21.00
3	Short Term Supply												
3.1	Jindal Power Ltd, Dist Raigarh, Chattisgarh through Global Energy Pvt. Ltd. (Trader) From April 15 to Jun-15	14.00											
3.2	JSW, Raigarh, Maharashtra through Global Energy Pvt. Ltd. (Trader) From July-15 to March-16												
3.3	Imbalance Pool		1.00										
3.4	Total		15.00										
4	Total Supply		15.00	20.00	20.00	20.00	20.00	20.00	20.00	21.00	21.00	21.00	21.00
C	Demand-Supply Gap/(Surplus) (MW)		-	(4.25)	(4.00)	(3.80)	(3.50)	(3.00)	(1.00)	-	-	-	-



Retail Supply Business
FY 2015-16 - MYT Order

Sr. No.	Source of Power (Station wise)	Installed Capacity (MW)	Utility share (%)	Utility share (MW)	Total Energy Sent Out (ESO) from the station (MU)	Energy Received (MU) At State Periphery	4.891494 Intra-State Transmission Losses (%)	Unit received at periphery (MU)	Total Annual Fixed charges (Rs Crore)	Capacity Charges paid/ payable by Utility (Rs Crore)	Variable Cost per unit including Fuel Price Adjustment (RS/KWh)	Total Variable Charges (Rs Crore)	Prompt payment relate (Rs Crore)	Any Other Charges (Please specify the type of charges)	Total Cost of Power Purchase (Rs Crore)	Average Cost of Power Purchase (RS/KWh)
1	Long term / Medium term Sources	3	4	5	6	7	8	10	11	12	13	14	15	16	17	18
	Not Applicable															
	Short term Sources															
1	Jindal Power Ltd. Dist: Raigarh, Chhattisgarh through Global Energy Pvt. Ltd. (Trader)							18.45	-	-	Slot 1: 4.06 Slot 2: 4.25				7.54	4.08
2	JSW, Raigarh, Maharashtra through Global Energy Pvt. Ltd. (Trader)							42.18	-	-	Slot 1: 4.06 Slot 2: 4.25				17.09	4.05
3	Jindal India Thermal Power Ltd., Orissa, through Global Energy Pvt. Ltd. (Trader)			12				6.73	-	-	Slot 1: 4.06 Slot 2: 4.25				2.72	4.04
4	Adani Power Limited Stage-III/Cojurat, through Global Energy Pvt. Ltd.							14.09	-	-	Slot 1: 4.06 Slot 2: 4.25				5.71	4.05
5	Imbalance Pool							0.36	-	-					1.17	
6	REC Purchase								-	-					0.26	
7	UI Purchase								-	-						
	Total							81.81							34.49	

FY 2015-16 - Actual

37.29

Sr. No.	Source of Power (Station wise)	Installed Capacity (MW)	Utility share (%)	Utility share (MW)	Total Energy Sent Out (ESO) from the station (MU)	Energy Received (MU) At State Periphery	External Losses (%)	Intra-State Transmission Losses (%)	Unit received at periphery (MU)	Total Annual Fixed charges (Rs Crore)	Capacity Charges paid/ payable by Utility (Rs Crore)	Variable Cost per unit including Fuel Price Adjustment (RS/KWh)	Total Variable Charges (Rs Crore)	Prompt payment relate (Rs Crore)	Any Other Charges (Please specify the type of charges)	Total Cost of Power Purchase (Rs Crore)	Average Cost of Power Purchase (RS/KWh)
1	Long term / Medium term Sources	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
	Not Applicable																
	Short term Sources																
1	Jindal Power Ltd. Dist: Raigarh, Chhattisgarh through Global Energy Pvt. Ltd. (Trader)				19.65	19.22		4.01%	18.45	-	-	Slot 1: 4.06 Slot 2: 4.25				7.54	4.08
2	JSW, Raigarh, Maharashtra through Global Energy Pvt. Ltd. (Trader)				43.90	43.90		3.92%	42.18	-	-	Slot 1: 4.06 Slot 2: 4.25				17.09	4.05
3	Jindal India Thermal Power Limited, Orissa, through Global Energy Pvt. Ltd. (Trader)			12	7.15	7.00		3.87%	6.73	-	-	Slot 1: 4.06 Slot 2: 4.25				2.72	4.04
4	Adani Power Limited Stage-III/Cojurat, through Global Energy Pvt. Ltd.				14.98	14.67		3.97%	14.09	-	-	Slot 1: 4.06 Slot 2: 4.25				5.71	4.05
5	Imbalance Pool							3.92%	0.36	-	-					1.20	
6	REC Purchase									-	-					1.17	
7	UI Purchase									-	-						
	Total				85.67	85.17			81.81							35.43	4.33



178

FY 2016-17 - MYT Order

Sr. No.	Source of Power (Station wise)	Installed Capacity (MW)	Utility share (%)	Utility share (MW)	Total Energy Sent Out (ESO) from the station (MU)	Energy Received (MU)	External Losses (%)	Intra-State Transmission Losses (%)	Unit received at periphery (%)	Total Annual Fixed charges (Rs Crore)	Capacity Charges paid/ payable by Utility (Rs Crore)	Variable Cost per unit including Fuel Price Adjustment (Rs/kWh)	Total Variable Charges (Rs Crore)	Incentive (Rs Crore)	Any Other Charges (Please specify the type of charges)	Total Cost of Power Purchase (Rs Crore)	Average Cost of Power Purchase (Rs/kWh)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
	Medium term Sources																
	JSW Ranagiri, Maharashtra, through GEPL			12		20.82		3.92%	20.00			Slot 1: 4.00 Slot 2: 4.19	8.08			8.08	3.88
	Jindal Power Limited, Chhattisgarh			10		55.90		3.92%	53.70			3.72	20.79			20.79	3.72
	GMR Energy Trading Ltd			10		23.25		3.92%	24.26			9.39	9.39			9.39	3.72
	Purchase for Solar RPO																
	Purchase for Non-Solar RPO																
	Purchase for Solar REC																0.35
	Purchase for Non-Solar REC																1.48
	Sale of Surplus Power												3.72			(1.22)	3.72
	Purchase of additional Power																
	Total			Solar		98.67			94.80				37.04			38.86	3.94
						(0.03)						3,500.00	(0.01)				
						(0.33)						1,300.00	(0.05)				

FY 2016-17 - Actual

Sr. No.	Source of Power (Station wise)	Installed Capacity (MW)	Utility share (%)	Utility share (MW)	Total Energy Sent Out (ESO) from the station (MU)	Energy Received (MU)	External Losses (%)	Intra-State Transmission Losses (%)	Unit received at periphery (%)	Total Annual Fixed charges (Rs Crore)	Capacity Charges paid/ payable by Utility (Rs Crore)	Variable Cost per unit including Fuel Price Adjustment (Rs/kWh)	Total Variable Charges (Rs Crore)	Incentive (Rs Crore)	Any Other Charges (Please specify the type of charges)	Total Cost of Power Purchase (Rs Crore)	Average Cost of Power Purchase (Rs/kWh)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
	Medium term Sources																
	Jindal Power Limited, Chhattisgarh			10		62.66		3.63%	60.39			3.82	3.82			21.25	3.49
	GMR Energy Trading Ltd			10		18.99		3.63%	18.30			4.40	4.40			7.84	4.13
	Short term Sources																
	Adani Power Limited Stage-III (Cajiraj through Global Energy)			12		23.36		3.63%	22.51							8.82	3.78
	Imbalance Pool					(3.09)		3.63%	(2.98)							(4.74)	3.11
	Sale of Surplus Power					(13.22)		3.63%	(14.07)							(0.30)	
	Robatic																
	Non-Solar REC Purchase																1.26
	Solar REC Purchase																0.26
	Total					86.70			83.55							34.39	3.97

FY 2017-18 - MYT Order

Sr. No.	Source of Power (Station wise)	Installed Capacity (MW)	Utility share (%)	Utility share (MW)	Total Energy Sent Out (ESO) from the station (MU)	Energy Received (MU)	External Losses (%)	Intra-State Transmission Losses (%)	Unit received at periphery (%)	Total Annual Fixed charges (Rs Crore)	Capacity Charges paid/ payable by Utility (Rs Crore)	Variable Cost per unit including Fuel Price Adjustment (Rs/kWh)	Total Variable Charges (Rs Crore)	Incentive (Rs Crore)	Any Other Charges (Please specify the type of charges)	Total Cost of Power Purchase (Rs Crore)	Average Cost of Power Purchase (Rs/kWh)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
	Long term / Medium term Sources																
	Source for Base load as per medium term PPA			10		74.46		3.53%	71.83			3.72	27.70			27.70	3.72
	Source for Peak load as per Medium Term PPA			10		33.66		3.53%	32.47			3.72	12.52			12.52	3.72
	Purchase for Solar RPO																
	Purchase for Non-Solar RPO																
	Purchase for Solar REC																0.79
	Purchase for Non-Solar REC																1.77
	Sale of Surplus Power																
	Purchase of additional Power																
	Total					112.19			3.93				41.73			44.29	3.95



179

MindSpace Business Parks Private Limited
Mid Term Review Petition Formats - Distribution and Retail Supply
Form 2: Power Purchase Expenses

FY 2017-18 - Actual

Sr. No.	Source of Power (Station wise)	Installed Capacity (MW)	Utility share (%)	Utility share (MW)	Total Energy Sent Out (ESO) from the station (MU)	Energy Received (MU)	External Losses (%)	Intra-State Transmission Losses (%)	Unit received at periphery (%)	Total Annual Fixed charges (Rs Crore)	Capacity Charges paid/ payable by Utility (Rs Crore)	Variable Cost per unit including Fuel Price Adjustment (RS/AWh)	Total Variable Charges (Rs Crore)	Incentive (Rs Crore)	Any Other Charges (Please specify the type of charges)	Total Cost of Power Purchase (Rs Crore)	Average Cost of Power Purchase (RS/AWh)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
	Medium term Sources																
	Jindal Power Limited, Chhattisgarh			10		77.51		3.30%	74.95			3.87				27.36	3.51
	GMR Energy Trading Ltd			10		27.90		3.30%	26.98			4.02				11.29	4.02
	Imbalance Pool					(2.44)		3.30%	(2.50)							-	
	Sale of Surplus Power -Actual					(15.72)		3.30%	(15.20)							(6.23)	3.97
	Rebate															(0.35)	
	Non-Solar REC Purchase															1.51	
	Solar REC Purchase															0.02	
	Total					87.05			84.17							33.50	3.85

FY 2018-19 - MYT Order

Sr. No.	Source of Power (Station wise)	Installed Capacity (MW)	Utility share (%)	Utility share (MW)	Total Energy Sent Out (ESO) from the station (MU)	Energy Received (MU)	External Losses (%)	Intra-State Transmission Losses (%)	Unit received at periphery (%)	Total Annual Fixed charges (Rs Crore)	Capacity Charges paid/ payable by Utility (Rs Crore)	Variable Cost per unit including Fuel Price Adjustment (RS/AWh)	Total Variable Charges (Rs Crore)	Incentive (Rs Crore)	Any Other Charges (Please specify the type of charges)	Total Cost of Power Purchase (Rs Crore)	Average Cost of Power Purchase (RS/AWh)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
	Long term / Medium term Sources																
	Source for Base load as per medium term PPA			10.00		74.46		3.53%	71.83			3.72	27.70			27.70	3.72
	Source for Peak load as per Medium Term PPA			10.00		31.66		3.53%	32.47			3.72	12.52			12.52	3.72
	Purchase for Solar RPO					-		-	-			-	-			-	-
	Purchase for Non-Solar RPO					-		-	-			-	-			-	-
	Purchase for Solar REC					-		-	-			-	-			-	-
	Purchase for Non-Solar REC					(0.00)		-	(0.00)			-	-			-	-
	Sale of Surplus Power					9.59		3.53%	9.39			3.72	0.00			(0.00)	
	Purchase of additional Power					117.71		-	104.39			3.72	3.57			3.57	
	Total					3.24			104.39			3.50	1.13			46.86	3.98
						12.95			1.500			1.94					

FY 2018-19 - Revised Projection

Sr. No.	Source of Power (Station wise)	Installed Capacity (MW)	Utility share (%)	Utility share (MW)	Total Energy Sent Out (ESO) from the station (MU)	Energy Received (MU)	External Losses (%)	Intra-State Transmission Losses (%)	Unit received at periphery (%)	Total Annual Fixed charges (Rs Crore)	Capacity Charges paid/ payable by Utility (Rs Crore)	Variable Cost per unit including Fuel Price Adjustment (RS/AWh)	Total Variable Charges (Rs Crore)	Incentive (Rs Crore)	Any Other Charges (Please specify the type of charges)	Total Cost of Power Purchase (Rs Crore)	Average Cost of Power Purchase (RS/AWh)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
	Medium term Sources																
	Jindal Power Limited, Chhattisgarh			10		74.46		3.92%	71.54			3.93	29.24			29.24	3.93
	GMR Energy Trading Ltd			10		34.30		3.92%	32.95			4.09	14.01			14.01	4.09
	Imbalance Pool					-		3.92%	-			-	-			-	-
	Sale of Surplus Power					(11.34)		3.92%	(10.80)			2.98	(3.15)			(3.15)	2.98
	Rebate																
	Non-Solar REC Purchase															1.07	
	Solar REC Purchase															0.27	
	Total					97.52			93.69							41.24	4.23

180



FY 2019-20-MYT Order

Sr. No.	Source of Power (Station wise)	Installed Capacity (MW)	Utility share (%)	Utility share (MW)	Total Energy Sent Out (ESO) from the station (MU)	Energy Received (MU)	External Losses (%)	Intra-State Transmission Losses (%)	Unit received at periphery (%)	Total Annual Fixed charges (Rs Crore)	Capacity Charges paid/ payable by Utility (Rs Crore)	Variable Cost per unit including Fuel Price Adjustment (Rs/kWh)	Total Variable Charges (Rs Crore)	Incentive (Rs Crore)	Any Other Charges (Please specify the type of charges)	Total Cost of Power Purchase (Rs Crore)	Average Cost of Power Purchase (Rs/kWh)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
	Long term / Medium term Sources																
1	Source for Base load as per medium term PPA			10		74.46		3.53%	71.83			3.72	27.20			27.20	3.72
2	Source for Peak load as per Medium Term PPA			10		33.66		3.53%	32.47			3.72	12.52			12.52	3.72
3	Purchase for Solar RPO																
4	Purchase for Non-Solar RPO																
5	Purchase for Solar REC							3.53%									
6	Purchase for Non-Solar REC							3.53%									
7	Sale of Surplus Power					14.97		3.53%	14.44			3.72	5.57			5.57	3.72
8	Purchase of additional Power																
9	Total			Solar		123.09			118.74				45.79			49.42	4.02
				Non-solar		4.31						3,900.00	1.51				
						14.16						1,500.00	2.12				

FY 2019-20 - Revised Projection

Sr. No.	Source of Power (Station wise)	Installed Capacity (MW)	Utility share (%)	Utility share (MW)	Total Energy Sent Out (ESO) from the station (MU)	Energy Received (MU)	External Losses (%)	Intra-State Transmission Losses (%)	Unit received at periphery (%)	Total Annual Fixed charges (Rs Crore)	Capacity Charges paid/ payable by Utility (Rs Crore)	Variable Cost per unit including Fuel Price Adjustment (Rs/kWh)	Total Variable Charges (Rs Crore)	Incentive (Rs Crore)	Any Other Charges (Please specify the type of charges)	Total Cost of Power Purchase (Rs Crore)	Average Cost of Power Purchase (Rs/kWh)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
	Medium term Sources																
1	Jindal Power Limited, Chhattisgarh			10		74.66		3.92%	71.74			3.98	3.98			29.74	3.98
2	GMR Energy Trading Ltd.			10		34.43		3.92%	33.08			4.15	4.15			14.79	4.15
3	Imbalances Pool							3.92%									
4	Sale of Surplus Power					(9.60)		3.92%	(9.22)			3.03				(2.91)	3.03
5	Rebate																
6	Non-Solar REC Purchase																
7	Solar REC Purchase																
8	Total					99.49			95.59							42.61	4.28

[Handwritten Signature]



MindSpace Business Parks Private Limited
Mid Term Review Petition Formats - Distribution & Retail Supply
Form 2.1 : Power Procurement Quantum & Energy Availability

A) Power Procurement Quantum

FY 2015-16-Actual

Sr. No.	Particulars	Energy Charge (Rs./KWh)	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
A)	Energy Requirement														
1	Energy Sales (MU)		5.19	7.21	7.04	7.32	7.04	7.05	7.51	6.85	6.74	6.29	6.40	7.24	81.87
2	Distribution loss in Mts		(0.12)	(0.01)	(0.03)	(0.02)	(0.02)	(0.07)	0.01	0.01	0.02	0.04	0.04	0.07	(0.06)
3	Energy at interface point (Licensee periphery)		5.06	7.23	7.00	7.30	7.02	6.97	7.52	6.86	6.76	6.34	6.44	7.31	81.81
4	Intra state Loss		4.12%	3.88%	4.04%	3.78%	4.06%	3.93%	4.06%	3.71%	3.59%	3.87%	3.76%	4.16%	3.92%
5	Power Purchase Requirement (MU) at state periphery		5.28	7.53	7.30	7.59	7.32	7.26	7.84	7.12	7.01	6.59	6.69	7.63	85.15
B)	Energy requirement to be met (MU)														
3	Short Term Supply														
3.1	Jindal Power Ltd, Dist. Raigarh, Chattisgarh through Global Energy														
	Quantum at regional periphery		5.30	7.22	7.13	-	-	-	-	-	-	-	-	-	19.65
	Less: inter state Loss		2.17%	2.17%	2.17%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Quantum at state periphery		5.19	7.06	6.97	-	-	-	-	-	-	-	-	-	19.22
3.2	JSW, Raigarh, Maharashtra through Global Energy														
3.3	Jindal India Thermal Power Ltd., Orissa through Global Energy														
	Quantum at regional periphery		-	-	-	7.23	7.06	7.44	7.42	7.14	7.62	-	-	-	43.90
	Less: inter state Loss		-	-	-	-	-	-	-	-	-	7.15	-	-	7.15
	Quantum at state periphery		-	-	-	-	-	-	-	-	-	2.04%	-	-	7.00
3.4	Adani Power Limited Stage-III(Gujarat through Global Energy														
	Quantum at regional periphery		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.04%	2.04%	14.98
	Less: inter state Loss		-	-	-	-	-	-	-	-	-	-	-	-	-
	Quantum at state periphery		0.09	0.47	0.32	0.36	0.26	(0.18)	0.43	(0.02)	(0.60)	(0.41)	(0.48)	7.50	14.67
3.5	Imbalance Pool		5.28	7.53	7.30	7.59	7.32	7.26	7.84	7.12	7.01	6.59	6.69	7.63	85.15
4	Total Energy Availability		-	-	-	-	-	-	-	-	-	-	-	-	-
5	Gap/(Surplus) (MU)		-	-	-	-	-	-	-	-	-	-	-	-	-

FY 2016-17 - Actual

Sr. No.	Particulars	Energy Charge (Rs./KWh)	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
A)	Energy Requirement														
1	Energy Sales (MU)		7.38	7.97	7.54	6.85	7.14	6.72	6.79	6.38	6.53	6.30	6.08	7.21	55.00
2	Distribution loss in Mts		0.04	0.08	0.06	0.05	0.06	0.05	0.06	0.06	0.06	0.06	0.05	0.05	0.67
3	Energy at interface point (Licensee periphery)		7.41	8.04	7.60	6.90	7.20	6.77	6.84	6.44	6.59	6.37	6.13	7.26	83.55
4	Intra state Loss		3.73%	3.33%	3.57%	3.71%	3.68%	3.66%	3.67%	3.77%	3.42%	3.54%	3.68%	3.78%	3.63%
5	Power Purchase Requirement (MU) at state periphery		7.70	8.32	7.88	7.17	7.47	7.03	7.10	6.69	6.82	6.60	6.37	7.55	86.70
B)	Energy requirement to be met (MU)														
1	Short Term Supply														
1.1	Adani Power Limited Stage-III(Gujarat through Global Energy														
	Quantum at regional periphery		7.74	8.34	7.82	-	-	-	-	-	-	-	-	-	23.91
	Less: inter state Loss		2.28%	2.28%	2.28%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Quantum at state periphery		7.56	8.15	7.64	-	-	-	-	-	-	-	-	-	23.36
2	Medium Term Supply														
2.1	Jindal Power Limited, Chhattisgarh		-	-	-	7.72	7.79	7.56	6.82	6.56	6.71	6.58	5.98	6.96	62.66
2.2	GMV Energy Trading Ltd		-	-	-	(2.46)	(2.39)	(2.70)	(1.40)	(1.32)	(1.31)	(1.18)	(1.05)	(1.41)	18.99
3	Sale of Surplus Power		-	-	-	(0.38)	(0.34)	(0.29)	(0.30)	(0.84)	(0.61)	(0.86)	(0.35)	(3.09)	(15.22)
	Imbalance Pool		0.14	0.16	0.24	(0.38)	(0.34)	(0.29)	(0.30)	(0.84)	(0.61)	(0.86)	(0.35)	(3.09)	(15.22)
	Total Energy Availability		7.70	8.32	7.88	7.17	7.47	7.03	7.10	6.69	6.82	6.60	6.37	7.55	86.70
	Gap/(Surplus) (MU)		-	-	-	-	-	-	-	-	-	-	-	-	-



FY 2017-18-Actual

Sr. No.	Particulars	Energy Charge (Rs./kWh)	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
A)															
1	Energy Requirement		7.29	7.95	7.24	7.44	7.06	6.99	7.12	6.52	6.27	6.35	6.02	7.16	83.41
2	Distribution loss in Mus		0.05	0.07	0.30	(0.19)	0.06	0.05	0.06	0.06	0.06	0.07	0.08	0.09	0.77
3	Energy at interface point (Licensee periphery)		7.34	8.02	7.54	7.25	7.12	7.04	7.18	6.58	6.32	6.42	6.11	7.25	84.17
4	Intra state Loss		3.64%	3.51%	3.36%	3.10%	3.38%	3.32%	3.53%	3.01%	2.85%	3.21%	3.22%	3.35%	3.30%
5	Power Purchase Requirement (MU) at state periphery		7.61	8.31	7.80	7.49	7.36	7.28	7.44	6.78	6.51	6.64	6.31	7.51	87.05
B)															
1	Energy requirement to be met (MU)														
1.1	Medium Term Supply		3.87	6.84	6.66	6.71	6.67	6.19	6.38	6.47	6.40	6.41	5.59	6.45	77.51
1.2	Jindal Power Limited, Chhattisgarh		4.02	1.74	1.92	2.05	2.11	2.28	2.31	2.88	2.55	2.72	2.55	2.80	27.90
2	Sale of Surplus Power		(1.38)	(0.10)	(0.50)	(0.74)	(1.07)	(1.33)	(1.24)	(1.72)	(1.83)	(2.02)	(1.93)	(1.85)	(15.72)
3	Imbalance Pool		0.54	(0.36)	(0.41)	(0.47)	(0.35)	0.14	(0.01)	(0.85)	(0.62)	(0.47)	0.10	0.11	(2.64)
4	Total Energy Availability		7.61	8.31	7.80	7.49	7.36	7.28	7.44	6.78	6.51	6.64	6.31	7.51	87.05
5	Gap/(Surplus) (MU)														

FY 2018-19 - Revised Projection

Sr. No.	Particulars	Energy Charge (Rs./kWh)	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
A)															
1	Energy Requirement		30	31	30	31	31	30	31	30	31	31	28	31	
2	Distribution loss in Mus		7.66	8.33	8.11	8.32	7.93	7.86	7.99	7.39	7.13	7.21	6.88	8.03	92.84
3	Energy at interface point (Licensee periphery)		0.07	0.08	0.07	0.08	0.07	0.07	0.07	0.07	0.07	0.07	0.06	0.07	0.85
4	Intra state Loss		7.73	8.41	8.19	8.39	8.00	7.93	8.06	7.46	7.19	7.28	6.95	8.11	93.69
5	Power Purchase Requirement (MU) at state periphery		8.05	8.75	8.52	8.74	8.33	8.25	8.39	7.76	7.49	7.58	7.23	8.44	97.52
B)															
1	Energy requirement to be met (MU)														
1.1	Medium Term Supply		3.93	6.12	6.12	6.32	6.32	6.12	6.32	6.12	6.32	6.32	5.71	6.32	74.46
1.2	Jindal Power Limited, Chhattisgarh		4.09	2.81	2.93	2.93	2.81	2.81	2.93	2.81	2.93	2.93	2.55	2.93	34.30
2	Sale of Surplus Power		(0.88)	(0.51)	(0.41)	(0.52)	(0.93)	(0.67)	(0.86)	(1.16)	(1.77)	(1.68)	(1.03)	(0.82)	(11.24)
3	Imbalance Pool														
4	Total Energy Availability		8.05	8.75	8.52	8.74	8.33	8.25	8.39	7.76	7.49	7.58	7.23	8.44	97.52
5	Gap/(Surplus) (MU)														

FY 2019-20 - Revised Projection

Sr. No.	Particulars	Energy Charge (Rs./kWh)	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
A)															
1	Energy Requirement		30	31	30	31	31	30	31	30	31	31	29	31	
2	Distribution loss in Mus		8.24	8.91	8.19	8.40	8.00	7.93	8.06	7.46	7.19	7.28	6.95	8.11	94.72
3	Energy at interface point (Licensee periphery)		0.08	0.08	0.08	0.08	0.07	0.07	0.07	0.07	0.07	0.07	0.06	0.07	0.87
4	Intra state Loss		8.31	9.00	8.26	8.47	8.08	8.00	8.14	7.53	7.26	7.35	7.01	8.18	95.59
5	Power Purchase Requirement (MU) at state periphery		8.65	9.36	8.60	8.82	8.40	8.33	8.47	7.83	7.56	7.65	7.30	8.51	99.49
B)															
1	Energy requirement to be met (MU)														
1.1	Medium Term Supply		3.98	6.12	6.12	6.32	6.32	6.12	6.32	6.12	6.32	6.32	5.92	6.32	74.66
1.2	Jindal Power Limited, Chhattisgarh		4.15	2.81	2.93	2.93	2.81	2.81	2.93	2.81	2.93	2.93	2.68	2.93	34.43
2	Sale of Surplus Power		(0.27)	(0.11)	(0.33)	(0.44)	(0.85)	(0.59)	(0.79)	(1.09)	(1.70)	(1.61)	(1.29)	(0.74)	(9.60)
3	Imbalance Pool														
4	Total Energy Availability		8.65	9.36	8.60	8.82	8.40	8.33	8.47	7.83	7.56	7.65	7.30	8.51	99.49
5	Gap/(Surplus) (MU)														

183



Quantum of energy requirement to be met shall be considered on Merit; Order principle Assumptions considered for estimation of energy charges for different sources shall be submitted

2	Total Energy Availability	8.93	9.26	8.93	9.26	8.93	9.26	8.93	9.26	8.93	9.26	8.59	9.26	109.09
---	---------------------------	------	------	------	------	------	------	------	------	------	------	------	------	--------

Notes

1 Assumptions considered for estimation of complete energy availability shall be submitted along with documentary evidence, as applicable

Handwritten signature



Mindspace Business Parks Private Limited
 Mid Term Review Petition Formats - Distribution and Retail Supply
 Form 2.2: Intra-State Transmission Charges and MSU/DC Charges

Sr. No.	Particulars	FY 2015-16		FY 2016-17		FY 2017-18		FY 2018-19		FY 2019-20		Remarks
		MYT Order (a)	April-March (Audited) (b)	MYT Order (d)	April-March (Audited) (c)	MYT Order (f)	Apr-Sep (Actual) (h)	MYT Order (j)	April - March (Actual) (k) = (h)/(f)	MYT Order (l)	Revised Projections (m)	
1	Intra-State Transmission Charges	-	2.72	4.04	0.83	5.18	2.59	3.18	5.79	5.81	5.79	5.81
2	MSU/DC Charges	-	0.09	0.01	(0.00)	0.02	0.01	0.02	0.02	0.02	0.02	0.02

Note: * - Trailing 11rs for FY 2015-16 to be done under MERC MYT Regulations, 2011 with reference to amounts approved in the MYT Order for FY 2016-17 to FY 2019-20.
 Note: Transmission Charges & MSU/DC Charges shown separately for FY 2015-16 only for the purposes of filling the Format. The same are included in the Power Purchase cost, and are hence, not considered separately in the ABR summary for FY 2015-16.



Mindspace Business Parks Private Limited
Mid Term Review Petition Formate: Distribution & Retail Supply
Form 3: Operations and Maintenance Expenses Summary

A) Distribution Wires Business

Sr. No.	Particulars	Reference	FY 2015-16		FY 2016-17		FY 2017-18		FY 2018-19		FY 2019-20		Remarks
			MYT Order (a)	April-March (Audited) (b)	MYT Order (c)	April-March (Audited) (d)	MYT Order (e)	Apr-Sep (Actual) (f)	Oct-Mar (Estimated) (g)	MYT Order (h)	Revised Projection (i)	MYT Order (j)	
1	Q&M Expenses	Form 3.1, 8, 3.2		1.86		1.74	2.38						
2	Employee Expenses	Form 3.3		1.00		0.40	0.90						
3	RAM Expenses	Form 3.4	2.07	0.34	2.18	0.12	0.18			2.31	3.99	2.38	4.44
4	A&C Expenses	Form 3.5											
5	Total Operation & Maintenance Expenses		2.07	3.21	2.18	3.27	2.26	3.45	1.31	2.31	3.99	2.38	4.44

Note: * - Truing Up for FY 2015-16 to be done under MERC MYT Regulations, 2011 with reference to amounts approved in the MYT Order for FY 2016-17 to FY 2019-20

B) Retail Supply Business

Sr. No.	Particulars	Reference	FY 2015-16		FY 2016-17		FY 2017-18		FY 2018-19		FY 2019-20		Remarks
			MYT/MTR Order (a)	April-March (Audited) (b)	MYT Order (c)	April-March (Audited) (d)	MYT Order (e)	Apr-Sep (Actual) (f)	Oct-Mar (Estimated) (g)	MYT Order (h)	Revised Projection (i)	MYT Order (j)	
1	Q&M Expenses	Form 3.1, 8, 3.2		1.13		0.94	1.24						
2	Employee Expenses	Form 3.3		0.58		0.27	0.53						
3	RAM Expenses	Form 3.4	1.01	0.10	1.07	0.28	0.19			1.13	2.15	1.16	2.39
4	A&C Expenses	Form 3.5											
5	Total Operation & Maintenance Expenses		1.01	1.73	1.07	1.82	1.27	1.97	0.81	1.13	2.15	1.16	2.39

Note: * - Truing Up for FY 2015-16 to be done under MERC MYT Regulations, 2011 with reference to amounts approved in the MYT Order for FY 2016-17 to FY 2019-20

3.23
1.66
0.39



Mindspace Business Parks Private Limited
Mid Term Review Petition Formats - Distribution & Retail Supply
Form 3.1 - O&M Expenses for FY 2015-16

A) Distribution Wires Business

S.No.	Particulars	Units	MYT Order	Normative on actual parameters	Rs. Crore
A)	Composite O&M Norms				
1	O&M Expenses Norm specified in Regulations				
1.1	For Wheeled Energy	paaise/kWh	15.28		15.28
1.2	For No. of Consumers in Wires Business	Rs Lakh/ '000 Consumers	0		-
1.3	For R&M Expenses	% of GFA	2%		2%
2	Parameters for O&M Expenses				
2.1	Wheeled Energy	MU	81.87		81.81
2.2	No. of Consumers in Wires Business	'000 Consumers	0		
2.3	Opening GFA	Rs. Crore	43.30		43.30
B)	Total O&M Expenses	Rs. Crore	2.12		2.12

B) Retail Supply Business

S.No.	Particulars	Units	MYT Order	Normative on actual parameters	Rs. Crore
A)	Composite O&M Norms				
1	O&M Expenses Norm specified in Regulations				
1.1	For Sales in Supply Business	paaise/kWh	12.59		12.59
1.2	For No. of Consumers in Supply Business	Rs Lakh/ '000 Consumers	0		-
1.3	For R&M Expenses	% of GFA	0.25%		0.25%
2	Parameters for O&M Expenses				
2.1	Sales	MU	81.87		81.87
2.2	No. of Consumers in Supply Business	'000 Consumers	0		-
2.3	Opening GFA	Rs. Crore	1.42		1.42
B)	Total O&M Expenses	Rs. Crore	1.03		1.03

188



Mindspace Business Parks Private Limited
Mid Term Review Petition Formats: Distribution & Retail Supply
Form 3.2: O&M Expenses for Third Control Period

A) Distribution Wires Business

Sr. No.	Particulars	FY 2016-17		FY 2017-18			FY 2018-19		FY 2019-20	
		Normative	Actual	True up Requirement	Normative	Apr-Sep (Actual)	Oct-Mar (estimated)	Apr-Mar (estimated)	True up Requirement	Normative
1	Employee Expenses		2.10		0.64	1.74	2.38			
2	A&G Expenses	3.36	0.19		0.06	0.12	0.18			
3	R & M Expenses		1.08		0.49	0.49	0.99		3.69	3.86
4	Total O&M Expenses	3.36	3.37	0.01	1.19	2.36	3.55		3.69	3.99
5	Sharing of Gains/(Losses)							0.03		
6	Total O&M Expenses after sharing of Gains/(losses)		3.37	0.01	1.19	2.36	3.55	0.03	3.69	3.99

B) Retail Supply Business Escalation Factor 4.75%

Sr. No.	Particulars	FY 2016-17		FY 2017-18			FY 2018-19		FY 2019-20	
		Normative	Actual	True up Requirement	Normative	Apr-Sep (Actual)	Oct-Mar (estimated)	Apr-Mar (estimated)	True up Requirement	Normative
1	Employee Expenses		1.13		0.34	0.94	1.28			
2	A&G Expenses	1.81	0.10		0.03	0.06	0.10			
3	R & M Expenses		0.58		0.27	0.27	0.53		1.98	2.15
4	Total O&M Expenses	1.81	1.82	0.01	0.64	1.27	1.91		1.98	2.15
5	Sharing of Gains/(Losses)							0.02		
6	Total O&M Expenses after sharing of Gains/(losses)		1.82	0.01	0.64	1.27	1.91	0.02	1.98	2.15



MindSpace Business Parks Private Limited
Mid Term Review Petition Formats- Distribution & Retail Supply
Form 3.3: Employee Expenses

A) Distribution Wires Business

S.No.	Particulars	FY 2017-18 (Rs. Crore)			
		FY 2015-16 April-March (Actual)	FY 2016-17 April-March (Actual)	Apr-Sep (Actual)	Oct-Mar (Estimated)
1	Employee Expenses (Corporate Services)	1.86	2.10	0.64	1.74
					2.38

B) Retail Supply Business

S.No.	Particulars	FY 2017-18 (Rs. Crore)			
		FY 2015-16 April-March (Actual)	FY 2016-17 April-March (Actual)	Apr-Sep (Actual)	Oct-Mar (Estimated)
1	Employee Expenses (Corporate Services)	1.00	1.13	0.34	0.94
					1.28



Mindspace Business Parks Private Limited
Mid Term Review Petition Formats- Distribution & Retail Supply
Form 3.3: Employee Expenses

Details of number of employees

S.No.	Particulars	FY 2017-18				
		FY 2015-16 April-March (Actual)	FY 2016-17 April-March (Actual)	Apr-Sep (Actual)	Oct-Mar (Estimated)	April - March (Estimated)
A	Officer/Managerial Cadre					
1	Technical (On Deputation)	7	7	7	7	7
2	Administrative	0	0	0	0	0
3	Accounts and finance					
4	Other (Please specify)					
B	Staff Cadre	Outsourced				
5	Technical					
5.1	Grade I					
5.2	Grade II					
5.3	Grade III					
5.4	Grade IV					
6	Administrative	Corporate Office Support				
6.1	Grade I					
6.2	Grade II					
6.3	Grade III					
6.4	Grade IV					
7	Accounts and finance	Corporate Office Support				
7.1	Grade I					
7.2	Grade II					
8	Others (please specify)	IT/Legal/Banking/Company Secretary/Etc.provided by corporate office support				
8.1	Grade I					
8.2	Grade II					
Total Employees						



Mindspace Business Parks Private Limited
Mid Term Review Petition Formats- Distribution & Retail Supply
Form 3.3: Employee Expenses

B) Retail Supply Business

S.No.	Particulars	FY 2015-16		FY 2016-17		FY 2017-18	
		April-March (Actual)	April-March (Actual)	Apr-Sep (Actual)	Oct-Mar (Estimated)	April - March (Estimated)	
A	Officer/Managerial Cadre						
1	Technical (On Deputation)						
2	Administrative						
3	Accounts and finance (On deputation)	1	1	1	1	1	1
4	Other (Please specify)						
B	Staff Cadre	Outsourced					
5	Technical						
5.1	Grade I						
5.2	Grade II						
5.3	Grade III						
5.4	Grade IV						
6	Administrative	Corporate Office Support					
6.1	Grade I						
6.2	Grade II						
6.3	Grade III						
6.4	Grade IV						
7	Accounts and finance	Corporate Office Support					
7.1	Grade I						
7.2	Grade II						
7.3	Grade III						
7.4	Grade IV						
8	Others (please specify)	IT/Legal/Banking/Company Secretary/Etc.provided by corporate office support					
8.1	Grade I						
8.2	Grade II						
Total Employees							




MindSpace Business Parks Private Limited
Mid Term Review Petition Formats- Distribution & Retail Supply
Form 3.4: Administration & General Expenses

A) Distribution Wires Business

S.No.	Particulars	FY 2015-16		FY 2016-17		FY 2017-18		(Rs. Crore)
		April-March (Actual)	April-March (Actual)	Apr-Sep (Actual)	Oct-Mar (Estimated)	April - March (Estimated)		
1	Property tax	-	-	-	-	-	-	-
2	Rates and taxes	-	0.00	-	-	-	-	-
3	Legal, professional and other fees	0.07	0.09	0.01	0.07	0.01	0.09	0.09
4	Communication costs	0.00	0.01	0.02	0.02	0.00	0.03	0.03
5	Travelling and conveyance	0.01	0.00	0.00	0.00	0.00	0.00	0.00
6	Payment to auditors' (excluding service tax) (refer t	-	-	-	-	-	-	-
7	Filing fees and stamping charges	0.11	0.03	0.02	0.02	0.02	0.04	0.04
8	Insurance	0.02	0.02	-	-	-	-	-
9	Bank charges and commission	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	Project expenses written off	-	-	-	-	-	-	-
11	Printing and stationery	0.01	0.00	0.00	0.00	0.00	0.01	0.01
12	Donation	-	-	-	-	-	-	-
13	Brokerage and commission	-	-	-	-	-	-	-
14	Business Promotion expenses	0.13	0.04	0.00	0.00	0.00	0.01	0.01
15	Miscellaneous expenses	0.00	-	-	-	-	-	-
	Gross A & G Expenses	0.34	0.19	0.06	0.12	0.06	0.18	0.18
	Less: Expenses Capitalised	-	-	-	-	-	-	-
	Net A & G Expenses	0.34	0.19	0.06	0.12	0.06	0.18	0.18

193



Mindspace Business Parks Private Limited
Mid Term Review Petition Formats- Distribution & Retail Supply
Form 3.4: Administration & General Expenses

B) Retail Supply Business

S.No.	Particulars	FY 2015-16			FY 2016-17			FY 2017-18		
		April-March (Actual)	April-March (Actual)	April-March (Actual)	Apr-Sep (Actual)	Oct-Mar (Estimated)	April - March (Estimated)			
1	Property tax	-	-	-	-	-	-	-	-	
2	Rates and taxes	-	0.00	-	-	-	-	-	-	
3	Legal, professional and other fees	0.04	0.05	0.01	0.01	0.04	0.05	0.01	0.05	
4	Communication costs	0.00	0.01	0.01	0.01	0.01	0.02	0.01	0.02	
5	Travelling and conveyance	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
6	Payment to auditors' (excluding service tax) (refer t	-	-	-	-	-	-	-	-	
7	Filing fees and stamping charges	0.06	0.02	0.01	0.01	0.01	0.02	0.01	0.02	
8	Insurance	0.01	0.01	-	-	-	-	-	-	
9	Bank charges and commission	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10	Project expenses written off	-	-	-	-	-	-	-	-	
11	Printing and stationery	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
12	Donation	-	-	-	-	-	-	-	-	
13	Brokerage and commission	-	-	-	-	-	-	-	-	
14	Business promotion expenses	0.07	0.02	0.00	0.00	0.00	0.01	0.00	0.01	
15	Miscellaneous expenses	0.00	-	-	-	-	-	-	-	
29	Gross A & G Expenses	0.19	0.10	0.03	0.03	0.06	0.10	0.06	0.10	
30	Less: Expenses Capitalised	-	-	-	-	-	-	-	-	
31	Net A & G Expenses	0.19	0.10	0.03	0.03	0.06	0.10	0.06	0.10	

(Rs. Crore)

194



Mindspace Business Parks Private Limited
Mid Term Review Petition Formats- Distribution & Retail Supply
Form 3.5: Repair & Maintenance Expenses

A) Distribution Wires Business

S.No.	Particulars	FY 2015-16		FY 2016-17		FY 2017-18		
		April-March (Actual)	0.22	April-March (Actual)	0.15	Apr-Sep (Actual)	Oct-Mar (Estimated)	April - March (Estimated)
1	Buildings					0.01	0.01	0.02
2	Plant & Machinery	0.78	0.93			0.48	0.48	0.97
3	Computers	0.00	-			-	-	-
4	Gross R&M Expenses	1.00	1.08			0.49	0.49	0.99
5	Less: R&M Expenses Capitalised	-	-			-	-	-
6	Net R&M Expenses	1.00	1.08			0.49	0.49	0.99

B) Retail Supply Business

S.No.	Particulars	FY 2015-16		FY 2016-17		FY 2017-18		
		April-March (Actual)	0.12	April-March (Actual)	0.08	Apr-Sep (Actual)	Oct-Mar (Estimated)	April - March (Estimated)
1	Buildings					0.01	0.01	0.01
2	Plant & Machinery	0.42	0.50			0.26	0.26	0.52
3	Computers	0.00	-			-	-	-
4	Gross R&M Expenses	0.54	0.58			0.27	0.27	0.53
5	Less: R&M Expenses Capitalised	-	-			-	-	-
6	Net R&M Expenses	0.54	0.58			0.27	0.27	0.53



MindSPACE Business Parks Private Limited
 Mid Term Review Petition Formats- Distribution & Retail Supply
 Form 4: Summary of Capital Expenditure and Capitalisation

A) Distribution Wires Business

Sr. No.	Particulars	FY 2015-16			FY 2016-17			FY 2017-18			FY 2018-19			FY 2019-20			Remarks
		MYT Order (a)	April-March (Audited) (b)	True-Up requirement (c) = (b) - (a)	MYT Order (d)	April-March (Audited) (e)	True-Up requirement (f) = (e) - (d)	MYT Order (g)	April - March (Estimated) (h) = (f) + (g)	MYT Order (i)	Revised Projections (j)	Provisional True-Up requirement (k) = (i) - (j)	MYT Order (l)	Revised Projections (m)	MYT Order (n)	Revised Projections (o)	
1	Capital Expenditure	3.34	7.59	4.25	0.75	0.53	(0.22)	3.64	0.42	-	0.42	8.78	7.92	-	7.92		
2	Capitalisation	3.34	7.59	4.25	0.75	0.53	-	3.64	0.42	-	-	2.96	0.90	-	0.90		
3	IDC	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
4	Capitalisation + IDC	3.34	7.59	4.25	0.75	0.53	-	3.64	0.42	-	0.42	2.96	0.90	-	0.90		

Note: Detail Justification shall be provided for variation in approved capital expenditure and capitalisation vis-a-vis actual capital expenditure and capitalisation. The documentary evidence shall be submitted in support of its claim of assets being put to use.

B) Retail Supply Business

Sr. No.	Particulars	FY 2015-16			FY 2016-17			FY 2017-18			FY 2018-19			FY 2019-20			Remarks
		MYT/MTR Order (a)	April-March (Audited) (b)	True-Up requirement (c) = (b) - (a)	MYT Order (d)	April-March (Audited) (e)	True-Up requirement (f) = (e) - (d)	MYT Order (g)	April - March (Estimated) (h) = (f) + (g)	MYT Order (i)	Revised Projections (j)	Provisional True-Up requirement (k) = (i) - (j)	MYT Order (l)	Revised Projections (m)	MYT Order (n)	Revised Projections (o)	
1	Capital Expenditure	0.43	0.25	(0.18)	-	0.02	0.02	0.01	-	-	-	0.01	-	-	-		
2	Capitalisation	0.43	0.25	-	-	0.02	-	0.01	-	-	-	0.01	-	-	-		
3	IDC	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
4	Capitalisation + IDC	0.43	0.25	-	-	0.02	-	0.01	-	-	-	0.01	-	-	-		

Note: Detail Justification shall be provided for variation in approved capital expenditure and capitalisation vis-a-vis actual capital expenditure and capitalisation. The documentary evidence shall be submitted in support of its claim of assets being put to use.



MindSpace Business Parks Private Limited
 Mid Term Review Petition Formats- Distribution & Retail Supply
 Form 4.3: Capital Work-in-progress - Project wise details

A) Distribution Wires Business and Retail Supply Business
 Project Details

Sr. No.	Project Code	MERC Approval No.	MERC Approval Date	Approved Project Cost	Cumulative Expenditure Incurred till beginning of the	Capital Expenditure Capitalised	Opening CWIP	Investment during the year	Capital Work in Progress			Closing CWIP
									Works Capitalised	Interest Capitalised	Expenses Capitalised	
	FY 2015-16											
	a) DPR Schemes											
	MERC/CAPEX/FY 2016-17/905		26th October 2016	44.82	88.70	88.70	-	-	-	-	-	-
	b) Non-DPR Schemes											
	22/0.4 KV distribution transformer and switchgear LT Panel and Network			-	-	7.84	-	7.84	-	-	7.84	-
	SITC of 22KV with Panel			-	-	-	-	-	-	-	-	-
	FY 2016-17											
	a) DPR Schemes											
	NIL			-	-	-	-	-	-	-	-	-
	b) Non-DPR Schemes											
	Supply of RTU Systems			-	0.13	0.13	-	0.13	-	-	0.13	-
	HT work at Substation Level at Auroli site			-	0.29	0.29	-	0.29	-	-	0.29	-
	Projector			-	0.00	0.00	-	0.00	-	-	0.00	-
	RTDM System (Local HMI)			-	0.06	0.06	-	0.06	-	-	0.06	-
	Meter Box with accessories			-	0.07	0.07	-	0.07	-	-	0.07	-
	FY 2017-18											
	a) DPR Schemes											
	NIL			-	-	-	-	-	-	-	-	-
	b) Non-DPR Schemes											
	CAPEX FY 17-18			-	-	-	-	0.42	-	-	0.42	-
	FY 2018-19											
	a) DPR Schemes											
	NIL			-	-	-	-	-	-	-	-	-
	b) Non-DPR Schemes											
	Harmonics Filter at HT level (Phase-1)			-	-	-	-	0.90	-	-	0.90	-
	FY 2019-20											
	a) DPR Schemes											
	NIL			-	-	-	-	-	-	-	-	-
	b) Non-DPR Schemes											
	Harmonics Filter at HT level (Phase-2)			-	-	-	-	0.90	-	-	0.90	-



Mindspace Business Parks Private Limited
Mid Term Review Petition Formata- Distribution & Retail Supply
Form 5: Assets & Depreciation

For Distribution Wires and Retail Supply Business

Sr. No.	Particulars	FY 2015-16 Actual			FY 2016-17 Actual			FY 2017-18 Provisional			(Rs. Crore)	
		Balance at the beginning of the year	Additions during the year	Retirement of assets during the year	Balance at the end of the year	Balance at the beginning of the year	Additions during the year	Retirement of assets during the year	Balance at the end of the year	Balance at the beginning of the year		Additions during the year
1	Leasehold land	0.08	-	-	0.08	-	-	0.08	-	-	-	0.08
2	Building and other Civil Works	10.45	-	-	10.45	-	-	10.45	-	-	-	10.45
3	Plant & Machinery	34.19	7.73	41.92	41.92	0.55	-	42.47	0.42	-	-	42.89
4	Computers	-	0.01	-	0.01	-	-	0.01	-	-	-	0.01
5	Office Equipment	-	0.00	-	0.00	-	-	0.00	-	-	-	0.00
6	Computer Software	-	0.09	-	0.09	-	-	0.09	-	-	-	0.09
7	Total	44.72	7.84	52.56	52.56	0.55	-	53.10	0.42	-	-	53.52

Sr. No.	Particulars	FY 2018-19 Revised Projection			FY 2019-20 Revised Projection			(Rs. Crore)
		Balance at the beginning of the year	Additions during the year	Retirement of assets during the year	Balance at the end of the year	Balance at the beginning of the year	Additions during the year	
1	Leasehold land	0.08	-	-	0.08	-	-	0.08
2	Building and other Civil Works	10.45	-	-	10.45	-	-	10.45
3	Plant & Machinery	42.89	0.90	43.79	43.79	0.90	-	44.69
4	Computers	0.01	-	-	0.01	-	-	0.01
5	Office Equipment	0.00	-	-	0.00	-	-	0.00
6	Computer Software	0.09	-	-	0.09	-	-	0.09
7	Total	53.52	0.90	54.42	54.42	0.90	-	55.32

Sr. No.	Particulars	FY 2015-16 Actual			FY 2016-17 Actual			FY 2017-18 Provisional			(Rs. Crore)	
		Accumulated depreciation at the beginning of the year	Additions during the year	Retirement of assets during the year	Accumulated depreciation at the end of the year	Accumulated depreciation at the beginning of the year	Additions during the year	Retirement of assets during the year	Accumulated depreciation at the end of the year	Accumulated depreciation at the beginning of the year		Additions during the year
1	Leasehold land	-	0.00	-	0.00	0.00	-	0.00	0.00	-	-	0.00
2	Building and other Civil Works	-	0.35	-	0.35	0.35	-	0.70	0.70	-	-	1.05
3	Plant & Machinery	-	2.01	-	2.01	2.21	-	4.24	4.24	-	-	6.49
4	Computers	-	0.00	-	0.00	0.00	-	0.00	0.00	-	-	0.00
5	Office Equipment	-	0.00	-	0.00	0.00	-	0.00	0.00	-	-	0.00
6	Computer Software	-	0.00	-	0.00	0.03	-	0.03	0.03	-	-	0.06
7	Total	-	2.36	-	2.36	2.61	-	4.97	4.97	-	-	7.61

Sr. No.	Particulars	FY 2018-19 Revised Projection			FY 2019-20 Revised Projection			(Rs. Crore)
		Accumulated depreciation at the beginning of the year	Additions during the year	Retirement of assets during the year	Accumulated depreciation at the end of the year	Accumulated depreciation at the beginning of the year	Additions during the year	
1	Leasehold land	0.01	0.00	-	0.01	0.00	-	0.01
2	Building and other Civil Works	1.05	0.35	-	1.40	0.35	-	1.75
3	Plant & Machinery	6.49	2.29	-	8.78	2.34	-	11.12
4	Computers	0.00	0.00	-	0.00	0.00	-	0.00
5	Office Equipment	0.00	0.00	-	0.00	0.00	-	0.00
6	Computer Software	0.06	0.03	-	0.09	0.03	-	0.11
	Total	7.61	2.67	-	10.28	2.72	-	12.99



Mindspace Business Parks Private Limited
Mid Term Review Petition Formats- Distribution & Retail Supply
Form 5: Assets & Depreciation

(C) Net Fixed Assets

Sr. No.	Particulars	FY 2015-16			FY 2016-17			FY 2017-18					
		Balance at the beginning of the year	Additions during the year	Retirement of assets during the year	Balance at the end of the year	Balance at the beginning of the year	Additions during the year	Retirement of assets during the year	Balance at the end of the year	Balance at the beginning of the year	Additions during the year	Retirement of assets during the year	Balance at the end of the year
1	Leasehold land	0.08	(0.00)	-	0.08	0.08	(0.00)	-	0.07	0.07	(0.00)	-	0.07
2	Building and other Civil Works	10.45	(0.35)	-	10.10	10.10	(0.35)	-	9.75	9.75	(0.35)	-	9.40
3	Plant & Machinery	34.19	5.72	-	39.91	39.91	(1.68)	-	38.23	38.23	(1.83)	-	36.40
4	Computers	-	0.01	-	0.01	0.01	(0.00)	-	0.01	0.01	(0.00)	-	0.01
5	Office Equipment	-	0.06	-	0.06	0.06	(0.00)	-	0.06	0.06	(0.00)	-	0.06
6	Computer Software	-	0.09	-	0.09	0.09	(0.03)	-	0.06	0.06	(0.03)	-	0.03
7	Total	44.72	5.47	-	50.19	50.19	(2.06)	-	48.13	48.13	(2.21)	-	45.92

(RS. Crore)

Sr. No.	Particulars	FY 2018-19			FY 2019-20		
		Balance at the beginning of the year	Additions during the year	Retirement of assets during the year	Balance at the beginning of the year	Additions during the year	Retirement of assets during the year
1	Leasehold land	0.07	(0.00)	-	0.07	0.07	(0.00)
2	Building and other Civil Works	9.40	(0.35)	-	9.05	9.05	(0.35)
3	Plant & Machinery	36.40	1.39	-	37.79	37.79	(1.44)
4	Computers	0.01	0.00	-	0.01	0.00	(0.00)
5	Office Equipment	0.00	0.00	-	0.00	0.00	(0.00)
6	Computer Software	0.03	(0.03)	-	0.01	0.01	(0.03)
7	Total	45.92	(1.77)	-	44.15	44.15	(1.82)



For Distribution Wires Business

(A) Gross Fixed Assets

Sr. No.	Particulars	FY 2015-16 Actual			FY 2016-17 Actual			FY 2017-18 Provisional			(Rs. Crore)
		Balance at the beginning of the year	Additions during the year	Retirement of assets during the year	Balance at the end of the year	Additions during the year	Retirement of assets during the year	Balance at the end of the year	Additions during the year	Retirement of assets during the year	
1	Leasehold land	0.08	-	-	0.08	0.08	-	0.08	-	-	-0.08
2	Building and other Civil Works	10.45	-	-	10.45	10.45	-	10.45	-	-	10.45
3	Plant & Machinery	32.77	7.49	-	40.26	40.26	0.53	40.79	0.42	-	41.21
4	Computers	-	0.01	-	0.01	0.01	-	0.01	-	-	0.01
5	Office Equipment	-	0.00	-	0.00	0.00	-	0.00	-	-	0.00
6	Computer Software	-	0.09	-	0.09	0.09	-	0.09	-	-	0.09
7	Total	43.30	7.59	-	50.89	50.89	0.53	51.42	0.42	-	51.84

(Rs. Crore)

Sr. No.	Particulars	FY 2018-19 Revised Projection			FY 2019-20 Revised Projection			(Rs. Crore)
		Balance at the beginning of the year	Additions during the year	Retirement of assets during the year	Balance at the beginning of the year	Additions during the year	Retirement of assets during the year	
1	Leasehold land	0.08	-	-	0.08	0.08	-	0.08
2	Building and other Civil Works	10.45	-	-	10.45	-	-	10.45
3	Plant & Machinery	41.21	0.90	-	42.11	0.90	-	43.01
4	Computers	0.01	-	-	0.01	-	-	0.01
5	Office Equipment	0.00	-	-	0.00	-	-	0.00
6	Computer Software	0.09	-	-	0.09	-	-	0.09
7	Total	51.84	0.90	-	52.74	0.90	-	53.64

(B) Depreciation

Sr. No.	Particulars	FY 2015-16 Actual			FY 2016-17 Actual			FY 2017-18 Provisional			(Rs. Crore)
		Accumulated depreciation at the beginning of the year	Additions during the year	Retirement of assets during the year	Accumulated depreciation at the end of the year	Additions during the year	Retirement of assets during the year	Accumulated depreciation at the beginning of the year	Additions during the year	Retirement of assets during the year	
1	Leasehold land	-	0.00	-	0.00	0.00	-	0.01	0.00	-	0.01
2	Building and other Civil Works	-	0.35	-	0.35	0.35	-	0.70	0.35	-	1.05
3	Plant & Machinery	-	1.93	-	1.93	2.14	-	4.07	2.16	-	6.23
4	Computers	-	0.00	-	0.00	0.00	-	0.00	0.00	-	0.00
5	Office Equipment	-	0.00	-	0.00	0.00	-	0.00	0.00	-	0.00
6	Computer Software	-	0.00	-	0.00	0.01	-	0.03	0.03	-	0.06
7	Total	-	2.28	-	2.28	2.52	-	4.80	2.54	-	7.35

(Rs. Crore)

Sr. No.	Particulars	FY 2018-19 Revised Projection			FY 2019-20 Revised Projection			(Rs. Crore)
		Accumulated depreciation at the beginning of the year	Additions during the year	Retirement of assets during the year	Accumulated depreciation at the beginning of the year	Additions during the year	Retirement of assets during the year	
1	Leasehold land	0.01	0.00	-	0.01	0.01	-	0.01
2	Building and other Civil Works	1.05	0.35	-	1.40	0.35	-	1.75
3	Plant & Machinery	6.23	2.20	-	8.43	2.25	-	10.68
4	Computers	0.00	0.00	-	0.00	0.00	-	0.00
5	Office Equipment	0.00	0.00	-	0.00	0.00	-	0.00
6	Computer Software	0.06	0.03	-	0.08	0.03	-	0.11
7	Total	7.35	2.58	-	9.93	2.63	-	12.55



Mindspace Business Parks Private Limited
Mid Term Review Petition Formats: Distribution & Retail Supply
Form 5.1 : Assets & Depreciation

(C) Net Fixed Assets

Sr. No.	Particulars	FY 2015-16				FY 2016-17				FY 2017-18			
		Actual				Actual				Provisional			
		Balance at the beginning of the year	Additions during the year	Retirement of assets during the year	Balance at the end of the year	Balance at the beginning of the year	Additions during the year	Retirement of assets during the year	Balance at the end of the year	Balance at the beginning of the year	Additions during the year	Retirement of assets during the year	Balance at the end of the year
1	Leasehold land	0.08	(0.00)	0.08	0.08	(0.00)	0.08	0.07	0.07	(0.00)	0.07	0.07	
2	Building and other Civil Works	10.45	(0.35)	10.10	10.10	(0.35)	9.75	9.75	9.75	(0.35)	9.40	9.40	
3	Plant & Machinery	32.77	5.56	38.33	38.33	(1.61)	36.72	36.72	36.72	(1.74)	34.98	34.98	
4	Computers	-	0.01	0.01	0.01	(0.00)	0.01	0.01	0.01	(0.00)	0.01	0.01	
5	Office Equipment	-	0.00	0.00	0.00	(0.00)	0.00	0.00	0.00	(0.00)	0.00	0.00	
6	Computer Software	-	0.09	0.09	0.09	(0.03)	0.06	0.06	0.06	(0.03)	0.03	0.03	
7	Total	43.30	5.31	48.61	48.61	(1.99)	46.62	46.62	46.62	(2.12)	44.50	44.50	

Sr. No.	Particulars	FY 2018-19				FY 2019-20			
		Revised Projection				Revised Projection			
		Balance at the beginning of the year	Additions during the year	Retirement of assets during the year	Balance at the end of the year	Balance at the beginning of the year	Additions during the year	Retirement of assets during the year	Balance at the end of the year
1	Leasehold land	0.07	(0.00)	0.07	0.07	(0.00)	0.07	0.07	
2	Building and other Civil Works	9.40	(0.35)	9.05	9.05	(0.35)	8.70	8.70	
3	Plant & Machinery	34.98	(1.30)	33.68	33.68	(1.35)	32.33	32.33	
4	Computers	0.01	(0.00)	0.00	0.00	(0.00)	0.00	0.00	
5	Office Equipment	0.00	(0.00)	0.00	0.00	(0.00)	0.00	0.00	
6	Computer Software	0.03	(0.03)	0.01	0.01	(0.03)	0.01	0.01	
7	Total	44.49	(1.68)	42.81	42.81	(1.73)	41.08	41.08	



Mindspace Business Parks Private Limited
Mid Term Review Position Formats- Distribution & Retail Supply
Form 5.2 - Assets & Depreciation

For Retail Supply Business

(A) Gross Fixed Assets

Sr. No.	Particulars	FY 2015-16 Actual		FY 2016-17 Actual		FY 2017-18 Provisional		(Rs. Crore)			
		Balance at the beginning of the year	Additions during the year	Retirement of assets during the year	Balance at the end of the year	Additions during the year	Retirement of assets during the year	Balance at the beginning of the year	Additions during the year	Retirement of assets during the year	Balance at the end of the year
1	Leasehold land	-	-	-	-	-	-	-	-	-	-
2	Building and other Civil Works	-	-	-	-	-	-	-	-	-	-
3	Plant & Machinery	1.42	0.25	1.67	1.67	1.68	1.68	1.68	1.68	1.68	1.68
4	Computers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	Office Equipment	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	Computer Software	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	Total	1.42	0.25	1.67	1.67	1.69	1.69	1.69	1.69	1.69	1.69

(Rs. Crore)

Sr. No.	Particulars	FY 2018-19 Revised Projection		FY 2019-20 Revised Projection		(Rs. Crore)			
		Balance at the beginning of the year	Additions during the year	Retirement of assets during the year	Balance at the end of the year	Balance at the beginning of the year	Additions during the year	Retirement of assets during the year	Balance at the end of the year
1	Leasehold land	-	-	-	-	-	-	-	-
2	Building and other Civil Works	-	-	-	-	-	-	-	-
3	Plant & Machinery	1.68	-	-	1.68	-	1.68	-	1.68
4	Computers	0.00	-	-	0.00	-	0.00	-	0.00
5	Office Equipment	0.00	-	-	0.00	-	0.00	-	0.00
6	Computer Software	0.00	-	-	0.00	-	0.00	-	0.00
7	Total	1.69	-	-	1.69	-	1.69	-	1.69

(B) Depreciation

Sr. No.	Particulars	FY 2015-16 Actual		FY 2016-17 Actual		FY 2017-18 Provisional		(Rs. Crore)	
		Accumulated depreciation at the beginning of the year	Additions during the year	Retirement of assets during the year	Accumulated depreciation at the end of the year	Accumulated depreciation at the beginning of the year	Additions during the year	Retirement of assets during the year	Accumulated depreciation at the end of the year
1	Leasehold land	-	-	-	-	-	-	-	-
2	Building and other Civil Works	-	-	-	-	-	-	-	-
3	Plant & Machinery	0.08	0.08	0.09	0.08	0.17	0.09	0.00	0.26
4	Computers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	Office Equipment	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	Computer Software	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	Total	0.08	0.08	0.09	0.08	0.17	0.09	0.00	0.26

(Rs. Crore)

Sr. No.	Particulars	FY 2018-19 Revised Projection		FY 2019-20 Revised Projection		(Rs. Crore)			
		Accumulated depreciation at the beginning of the year	Additions during the year	Retirement of assets during the year	Accumulated depreciation at the end of the year	Accumulated depreciation at the beginning of the year	Additions during the year	Retirement of assets during the year	Accumulated depreciation at the end of the year
1	Leasehold land	-	-	-	-	-	-	-	-
2	Building and other Civil Works	-	-	-	-	-	-	-	-
3	Plant & Machinery	0.26	0.09	0.35	0.35	0.09	0.44	0.00	0.90
4	Computers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	Office Equipment	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	Computer Software	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	Total	0.26	0.09	0.35	0.35	0.09	0.44	0.00	0.90



MindSpace Business Parks Private Limited
Mid Term Review Petition Formats- Distribution & Retail Supply
Form 52 : Assets & Depreciation

(C.) Net Fixed Assets

Sr. No.	Particulars	FY 2015-16			FY 2016-17			FY 2017-18			(Rs. Crore)
		Actual	Actual	Actual	Actual	Actual	Provisional	Provisional	Provisional		
		Balance at the beginning of the year	Retirement of assets during the year	Balance at the end of the year	Balance at the beginning of the year	Retirement of assets during the year	Balance at the end of the year	Balance at the beginning of the year	Additions during the year	Retirement of assets during the year	Balance at the end of the year
1	Leasehold land	-	-	-	-	-	-	-	-	-	-
2	Building and other Civil Works	-	-	-	-	-	-	-	-	-	-
3	Plant & Machinery	1.42	0.16	1.58	1.58	-0.07	1.51	1.51	-0.09	-0.09	1.42
4	Computers	-	0.00	0.00	0.00	-0.00	0.00	0.00	-0.00	-0.00	0.00
5	Office Equipment	-	0.00	0.00	0.00	-0.00	0.00	0.00	0.00	-0.00	0.00
6	Computer Software	-	0.00	0.00	0.00	-0.00	0.00	0.00	0.00	-0.00	0.00
7	Total	1.42	0.17	1.59	1.59	(0.07)	1.52	1.52	1.52	(0.09)	1.43

Sr. No.	Particulars	FY 2018-19			FY 2019-20			(Rs. Crore)
		Revised Projection	Revised Projection	Revised Projection	Revised Projection	Revised Projection	Revised Projection	
		Balance at the beginning of the year	Retirement of assets during the year	Balance at the end of the year	Balance at the beginning of the year	Retirement of assets during the year	Balance at the end of the year	
1	Leasehold land	-	-	-	-	-	-	
2	Building and other Civil Works	-	-	-	-	-	-	
3	Plant & Machinery	1.42	-0.09	1.34	1.34	-0.09	1.25	
4	Computers	0.00	-0.00	0.00	0.00	-0.00	0.00	
5	Office Equipment	0.00	-0.00	0.00	0.00	-0.00	0.00	
6	Computer Software	0.00	-0.00	0.00	0.00	-0.00	-0.00	
7	Total	1.42	(0.09)	1.34	1.34	(0.09)	1.25	



MindSpace Business Parks Private Limited
Mid Term Review Form: Forecast, Distribution & Social Supply
Form 6: Interest on Loan Capital

Distribution Where Business
A) Narrative Loan

Sr. No.	Particulars	FY 2015-16		FY 2016-17		FY 2017-18		FY 2018-19		FY 2019-20	
		MYT Order (₹)	Top-Up requirement (₹)	MYT Order (₹)	Top-Up requirement (₹)	MYT Order (₹)	Top-Up requirement (₹)	MYT Order (₹)	Top-Up requirement (₹)	MYT Order (₹)	Top-Up requirement (₹)
1	Operating Balance of Loan	94.21	30.31	32.28	1.34	32.44	1.34	32.44	1.34	32.44	
2	Qualifying expenditure of the year	-	-	3.10	0.18	5.72	0.43	7.15	0.24	9.37	
3	Qualifying expenditure of the year	99.21	30.31	35.38	1.52	38.16	1.77	39.61	1.98	41.81	
4	Less: Reduction of Narrative Loan due to settlement or replacement of assets	-	-	-	-	-	-	-	-	-	
5	Addition of Narrative Loan due to capitalization during the year	1.97	5.51	0.53	0.36	2.55	0.29	2.84	0.33	3.17	
6	Reduction of Narrative Loan due to capitalization during the year	2.10	2.28	3.26	2.79	2.62	2.54	2.60	2.58	2.64	
7	Closing Balance of Loan	99.18	33.34	38.44	1.39	41.39	1.78	43.62	1.91	45.91	
8	Operating Balance of Loan	32.28	30.31	35.38	1.52	38.16	1.77	39.61	1.98	41.81	
9	Qualifying expenditure of the year	-	-	-	-	-	-	-	-	-	
10	Weighted average Rate of Interest on loan (%)	11.12%	11.41%	10.76%	10.76%	10.76%	10.76%	10.76%	10.76%	10.76%	
11	Interest Expenses	3.30	3.82	4.03	0.54	4.11	0.51	4.14	0.51	4.17	
12	Finance Charges	-	-	-	-	-	-	-	-	-	
13	Final Interest & Financing Charges	3.30	3.82	4.03	0.54	4.11	0.51	4.14	0.51	4.17	

Note: The documentary evidence shall be submitted in case of retirement/replacement of asset
* - Top-Up for FY 2015-16 to be done under MERT, MYT Regulations, 2011 with reference to annual approval in the MYT Order for FY 2016-17 and FY 2018-20

B) Existing Actual Long term Loans

Sr. No.	Source of Loan	FY 2015-16		FY 2016-17		FY 2017-18		FY 2018-19		FY 2019-20	
		MYT Order (₹)	Top-Up requirement (₹)	MYT Order (₹)	Top-Up requirement (₹)	MYT Order (₹)	Top-Up requirement (₹)	MYT Order (₹)	Top-Up requirement (₹)	MYT Order (₹)	Top-Up requirement (₹)
1	Loan - IDFC Bank	69.13	18.86	53.96	3.57	57.53	3.15	60.68	2.72	63.96	
2	Loan - Reduction of Narrative Loan due to settlement or replacement of assets	-	-	-	-	-	-	-	-	-	
3	Loan - Addition of Loan during the year	-	-	-	-	-	-	-	-	-	
4	Loan - Reduction of Loan during the year	-	-	-	-	-	-	-	-	-	
5	Closing Balance of Loan	69.13	18.86	53.96	3.57	57.53	3.15	60.68	2.72	63.96	
6	Average Loan Balance	59.17	17.14	44.76	2.82	48.33	2.47	51.90	2.12	55.47	
7	Applicable Interest Rate (%) - Weighted average	11.22%	10.37%	10.37%	10.37%	10.37%	10.37%	10.37%	10.37%	10.37%	
8	Interest Expenses	3.31	2.82	3.84	2.82	4.32	3.84	4.32	3.84	4.32	

C) Actual Loans drawn during the year

Sr. No.	Source of Loan	FY 2015-16		FY 2016-17		FY 2017-18		FY 2018-19		FY 2019-20	
		MYT Order (₹)	Top-Up requirement (₹)	MYT Order (₹)	Top-Up requirement (₹)	MYT Order (₹)	Top-Up requirement (₹)	MYT Order (₹)	Top-Up requirement (₹)	MYT Order (₹)	Top-Up requirement (₹)
1	Operating Balance of Loan	-	-	-	-	-	-	-	-	-	
2	Qualifying expenditure of the year	-	-	-	-	-	-	-	-	-	
3	Qualifying expenditure of the year	-	-	-	-	-	-	-	-	-	
4	Loan - Addition of Loan during the year	-	-	-	-	-	-	-	-	-	
5	Closing Balance of Loan	-	-	-	-	-	-	-	-	-	
6	Average Loan Balance	-	-	-	-	-	-	-	-	-	
7	Applicable Interest Rate (%) - Weighted average	-	-	-	-	-	-	-	-	-	
8	Interest Expenses	-	-	-	-	-	-	-	-	-	



207

MindSpace Business Parks Private Limited
Mid Term Review Proforma Financials, Distribution & Retail Supply
Form 6: Interest on Loan Capital

Retail Supply Business

A) Normative Loan

Sr. No.	Particulars	FY 2015-16		FY 2016-17		FY 2017-18		FY 2018-19		FY 2019-20	
		MV/MTD Order (₹)	April-March (Audited) (₹)	MV/MTD Order (₹)	April-March (Estimated) (₹)	Year-to-date requirement (₹)	April-March (Estimated) (₹)	Year-to-date requirement (₹)	April-March (Estimated) (₹)	Year-to-date requirement (₹)	April-March (Estimated) (₹)
1	Opening Balance of Gross Normative Loan	-	-	1.22	0.99	1.17	1.18	1.18	1.18	1.18	1.18
2	Commodity Requirement (R) this year	-	-	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
3	Commodity Requirement (R) last year	-	-	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36
4	Less: Balance of Normative Loan due to retirement or replacement of assets	-	-	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
5	Less: Balance of Normative Loan due to replacement during the year	-	-	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
6	Addition of Normative Loan due to replacement of assets during the year	-	-	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
7	Closing Balance of Gross Normative Loan	1.28	1.39	1.36	1.39	1.36	1.39	1.36	1.39	1.36	1.39
8	Opening Balance of Gross Normative Loan	1.28	1.39	1.36	1.39	1.36	1.39	1.36	1.39	1.36	1.39
9	Change in Gross Normative Loan	-	-	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
10	Working Capital Ratio of Interest on Retail Loan (%)	11.31%	11.31%	11.31%	11.31%	11.31%	11.31%	11.31%	11.31%	11.31%	11.31%
11	Interest Expenses	0.12	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
12	Financing Charges	-	-	-	-	-	-	-	-	-	-
13	Total Interest & Financing Charges	0.12	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11

Note: 5) The documentary evidence shall be submitted in case of retirement/replacement of asset

B) Existing Actual Long Term Loans

Sr. No.	Source of Loan	FY 2015-16		FY 2016-17		FY 2017-18		FY 2018-19		FY 2019-20	
		April-March (Audited) (₹)	April-March (Audited) (₹)	April-March (Audited) (₹)	April-March (Estimated) (₹)	Year-to-date requirement (₹)	April-March (Estimated) (₹)	Year-to-date requirement (₹)	April-March (Estimated) (₹)	Year-to-date requirement (₹)	April-March (Estimated) (₹)
1	Loan - IDBC Bank	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07
1.1	Opening Balance of Loan	-	-	-	-	-	-	-	-	-	-
1.2	From Retirement of Normative Loan due to retirement or replacement of assets	-	-	-	-	-	-	-	-	-	-
1.3	Addition of Loan during the year	-	-	-	-	-	-	-	-	-	-
1.4	Loan Requirement during the year	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84
1.5	Closing Balance of Loan	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07
1.6	Average Loan Balance	1.07%	1.07%	1.07%	1.07%	1.07%	1.07%	1.07%	1.07%	1.07%	1.07%
1.7	Applicable Interest Rate (%)	-	-	-	-	-	-	-	-	-	-
1.8	Interest Expenses	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10

C) Actual Loans drawn during the year

Sr. No.	Source of Loan	FY 2015-16*		FY 2016-17		FY 2017-18		FY 2018-19		FY 2019-20	
		April-March (Audited) (₹)	April-March (Audited) (₹)	April-March (Audited) (₹)	April-March (Estimated) (₹)	Year-to-date requirement (₹)	April-March (Estimated) (₹)	Year-to-date requirement (₹)	April-March (Estimated) (₹)	Year-to-date requirement (₹)	April-March (Estimated) (₹)
1.1	Opening Balance of Loan	-	-	-	-	-	-	-	-	-	-
1.2	From Retirement of Normative Loan due to retirement or replacement of assets	-	-	-	-	-	-	-	-	-	-
1.3	Addition of Loan during the year	-	-	-	-	-	-	-	-	-	-
1.4	Loan Requirement during the year	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07
1.5	Closing Balance of Loan	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07
1.6	Average Loan Balance	1.07%	1.07%	1.07%	1.07%	1.07%	1.07%	1.07%	1.07%	1.07%	1.07%
1.7	Applicable Interest Rate (%)	-	-	-	-	-	-	-	-	-	-
1.8	Interest Expenses	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10



MindSpace Business Parks Private Limited
 Mid Term Review Petition Formats- Distribution & Retail Supply
 Form 7: Interest on Working Capital

A) FY 2015-16

Distribution Wires-Retail Supply Business

Sr. No.	Particulars	Norm	FY 2015-16		True-up requirement
			MYT Order	Actual	
1	One-twelfth (1/12) of amount of O&M expenses		0.26	0.41	0.15
2	One-twelfth (1/12) of sum of the book value of stores, materials and supplies including fuel on hand at the end of each month of such financial year		0	-	-
3	Two months of expected revenue from charges for use of Distribution wires		9.80	9.70	-0.10
4	Less: Amount held as Security Deposit		3.79	3.57	-0.22
5	Less: One month equivalent of cost of Power Purchase		2.87	2.95	0.08
6	Total Working Capital Requirement		3.29	3.58	0.19
Computation of Working Capital					
7	Rate of Interest (% p.a.)		14.05%	14.05%	
8	Interest on Working Capital		0.43	0.49	0.06
9	Actual Working Capital Interest			0	-
10	Interest on Security Deposit				
11	Rate of Interest (% p.a.)		7.75%	8.00%	
12	Interest on Security Deposit		0.29	0.32	0.02

Note: * - Truing Up for FY 2015-16 to be done under MERC MYT Regulations, 2011 with reference to amounts approved in the MYT Order for FY 2016-17 to FY 2019-20

B) Third Control Period

Distribution Wires-Retail Supply Business

Sr. No.	Particulars	Norm	FY 2016-17		True-Up requirement	FY 2017-18		FY 2018-19		FY 2019-20	
			MYT Order	Actual		MYT Order	Apr-Mar (Estimated)	MYT Order	Revised Projections	MYT Order	Revised Projections
1	O&M expenses for a month		0.27	0.43	0.16	0.45	0.17	0.29	0.51	0.20	0.57
2	Maintenance Spares at 1% of Opening GFA		0.48	0.53	0.05	0.53	0.04	0.53	0.54	0.56	0.54
3	One and half months equivalent of the expected revenue from charges for use of Distribution Wires		9.16	6.62	(2.54)	5.59	(4.74)	10.76	6.57	11.07	6.80
4	Less: Amount held as Security Deposit from Distribution System Users		5.00	3.84	(1.16)	3.84	(1.93)	6.06	3.84	6.27	3.84
5	Less: One month equivalent of cost of Power Purchase		3.58	2.87	(0.71)	2.70	(1.33)	4.39	3.44	4.60	3.55
6	Total Working Capital Requirement		1.35	0.87	(0.48)	(0.06)	(1.20)	1.12	0.34	1.06	0.52
Computation of Working Capital Interest											
7	Interest Rate (%) - SBI Base Rate +150 basis points		10.80%	10.79%	(0.00)	10.17%	(0.01)	10.80%	9.45%	10.80%	9.45%
8	Interest on Working Capital		0.15	0.09	(0.05)	-	(0.13)	0.12	0.03	0.11	0.05
9	IoWC for Wires Business		0.01	0.01	(0.01)	-	(0.01)	0.01	0.01	0.01	0.01
10	IoWC for Supply Business		0.13	0.08	(0.05)	0.12	(0.12)	0.11	0.02	0.10	0.04
11	Actual Working Capital Interest		0	0	-	-	-	0	0	0	0
Interest on Security Deposit											
12	Interest Rate (%) - SBI Base Rate +150 basis points		10.80%	10.79%	(0.00)	10.17%	(0.01)	10.80%	9.45%	10.80%	9.45%
13	Interest on Security Deposit		0.54	0.34	(0.20)	0.39	(0.23)	0.65	0.36	0.68	0.36
14	Interest on Security Deposit for Wires Business		0.05	0.03	(0.02)	0.04	(0.03)	0.07	0.04	0.07	0.04
15	Interest on Security Deposit for Supply Business		0.49	0.31	(0.18)	0.35	(0.21)	0.59	0.32	0.61	0.32

* Submit the documentary evidences for actual interest on working capital



MindSpace Business Parks Private Limited
Mid Term Review Pledge Form - Distribution & Retail Supply
Form B: Return on Regulatory Equity

Distribution Wires Business

Sr. No.	Particulars	FY 2015-16*			FY 2016-17			FY 2017-18			FY 2018-19			FY 2019-20			Remarks	
		MYT Order	April-March (Audited)	True-Up requirement	MYT Order	April-March (Audited)	True-Up requirement	MYT Order	April-March (Estimated)	True-Up requirement	MYT Order	April-March (Estimated)	True-Up requirement	MYT Order	April-March (Estimated)	True-Up requirement		
1	Regulatory Equity at the beginning of the year	12.09	12.09	-	13.83	13.83	-	14.06	14.06	15.55	15.55	-	16.04	16.04	15.82	15.82		
2	Capitalization during the year	3.34	7.39	4.23	0.73	15.77	15.77	14.06	14.06	3.53	6.42	6.42	2.77	11.15	11.15	11.15	15.82	
3	Consume Contribution and Grants used during the year for Capitalization	0.23	-	(0.33)	-	0.54	0.24	-	-	-	-	-	-	-	-	-	0.79	
4	Equity portion of capitalization during the year	0.84	2.28	1.43	0.23	0.16	(0.07)	1.09	1.09	-	-	-	-	-	-	-	-	
5	Reduction in Equity Capital on account of retirement / replacement of assets	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
6	Regulatory Equity at the end of the year	13.83	15.77	1.43	14.06	15.43	1.26	15.15	15.15	15.55	15.55	0.40	16.04	16.04	15.82	15.82	16.09	
7	Return on Equity Computation	1.97	1.97	-	2.14	2.17	0.22	2.18	2.18	2.18	2.18	0.31	2.13	2.13	2.41	2.41	2.49	3.15
8	Return on Regulatory Equity at the beginning of the year	0.06	0.17	0.11	0.07	0.01	(0.01)	0.08	0.08	0.01	(0.07)	0.08	0.07	0.07	0.02	0.02	0.02	0.02
9	Final Return on Equity	2.03	2.14	0.11	2.16	2.18	0.22	2.26	2.26	2.19	2.11	0.11	2.42	2.42	2.43	2.43	2.49	3.17

Note: The documentary evidence for the actual deployment of equity shall be submitted and the source of funds for the equity shall be explained.
The documentary evidence shall be submitted in case of retirement/replacement of asset.

* True-Up for FY 2015-16 is done under MBRC MYT Regulations, 2011 with reference to amount approved in the MYT Order for FY 2016-17 to FY 2019-20.
Retail Supply Business

Sr. No.	Particulars	FY 2015-16*			FY 2016-17			FY 2017-18			FY 2018-19			FY 2019-20			Remarks	
		MYT Order	April-March (Audited)	True-Up requirement	MYT Order	April-March (Audited)	True-Up requirement	MYT Order	April-March (Estimated)	True-Up requirement	MYT Order	April-March (Estimated)	True-Up requirement	MYT Order	April-March (Estimated)	True-Up requirement		
1	Regulatory Equity at the beginning of the year	0.43	0.43	-	0.55	0.55	-	0.53	0.53	0.71	0.71	-	0.56	0.56	0.51	0.51		
2	Capitalization during the year	0.43	0.25	(0.18)	-	0.02	0.02	-	-	-	-	-	-	-	-	-	-	
3	Consume Contribution and Grants used during the year for Capitalization	0.01	-	(0.11)	-	-	-	-	-	-	-	-	-	-	-	-	-	
4	Equity portion of capitalization during the year	0.13	0.07	(0.05)	-	0.01	0.01	-	-	-	-	-	-	-	-	-	-	
5	Reduction in Equity Capital on account of retirement / replacement of assets	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
6	Regulatory Equity at the end of the year	0.56	0.29	(0.05)	0.55	0.57	0.02	0.53	0.53	0.53	0.53	0.21	0.56	0.56	0.51	0.51	0.51	
7	Return on Equity Computation	0.07	0.09	0.02	0.10	0.09	(0.01)	0.10	0.10	0.09	0.09	0.09	0.09	0.10	0.09	0.09	0.09	0.09
8	Return on Regulatory Equity at the beginning of the year	0.01	0.01	0.00	-	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-
9	Final Return on Equity	0.08	0.10	0.01	0.10	0.09	0.01	0.10	0.10	0.09	0.09	0.09	0.10	0.10	0.09	0.09	0.09	0.09

Note: The documentary evidence for the actual deployment of equity shall be submitted and the source of funds for the equity shall be explained.
The documentary evidence shall be submitted in case of retirement/replacement of asset.

* True-Up for FY 2015-16 is done under MBRC MYT Regulations, 2011 with reference to amount approved in the MYT Order for FY 2016-17 to FY 2019-20.
Retail Supply Business



Distribution Wires Business

Sr. No.	Particulars	FY 2015-16		FY 2016-17		FY 2017-18		FY 2018-19		FY 2019-20		Remarks
		MYT Order	April-March (Audited)	True-Up requirement	MYT Order	April-March (Audited)	True-Up requirement	MYT Order	Oct-Mar (Estimated)	April - March (Estimated)	Provisional True-Up requirement	
1	Rents of land or buildings	(0)	(0)	(0) = (0) - (0)	(0)	(0)	(0)	(0)	(0) = (0) - (0)	(0)	(0)	(0)
2	Sale of Scrap	-	-	-	-	-	-	-	-	-	-	-
3	Income from investments	-	-	-	-	-	-	-	-	-	-	-
4	Interest on advances to suppliers/contractors	-	-	-	-	-	-	-	-	-	-	-
5	Rental from staff quarters	-	-	-	-	-	-	-	-	-	-	-
6	Rental from contractors	-	-	-	-	-	-	-	-	-	-	-
7	Income from hire charges from contractors and others	-	-	-	-	-	-	-	-	-	-	-
8	Supervision charges for capital works	-	-	-	-	-	-	-	-	-	-	-
9	Income from consumer charges levied in accordance with Schedule of Charges approved by the Commission	-	-	-	-	-	-	-	-	-	-	-
10	Income from advertisements	-	-	-	-	-	-	-	-	-	-	-
11	Income from sale of tender documents	-	-	-	-	-	-	-	-	-	-	-
Total												

Note: * - Trueing Up for FY 2015-16 to be done under MERC MYT Regulations, 2011 with reference to amounts approved in the MYT Order for FY 2016-17 to FY 2019-20

Rental Supply Business

Sr. No.	Particulars	FY 2015-16		FY 2016-17		FY 2017-18		FY 2018-19		FY 2019-20		Remarks
		MYT Order	April-March (Audited)	True-Up requirement	MYT Order	April-March (Audited)	True-Up requirement	MYT Order	Oct-Mar (Estimated)	April - March (Estimated)	Provisional True-Up requirement	
1	Rents of land or buildings	(0)	(0)	(0) = (0) - (0)	(0)	(0)	(0)	(0)	(0) = (0) - (0)	(0)	(0)	(0)
2	Sale of Scrap	-	-	-	-	-	-	-	-	-	-	-
3	Income from investments	-	-	-	-	-	-	-	-	-	-	-
4	Interest on advances to suppliers/contractors	-	-	-	-	-	-	-	-	-	-	-
5	Rental from staff quarters	-	-	-	-	-	-	-	-	-	-	-
6	Rental from contractors	-	-	-	-	-	-	-	-	-	-	-
7	Income from hire charges from contractors and others	-	-	-	-	-	-	-	-	-	-	-
8	Supervision charges for capital works	-	-	-	-	-	-	-	-	-	-	-
9	Income from consumer charges levied in accordance with Schedule of Charges approved by the Commission	-	0.29	0.29	-	0.05	-	0.05	0.05	-	-	0.05
10	Income from advertisements	-	-	-	-	-	-	-	-	-	-	-
11	Income from sale of tender documents	-	-	-	-	-	-	-	-	-	-	-
12	Income from interest received from consumer	-	0.00	-	-	0.00	-	0.00	0.00	-	-	0.00
13	Income from other receipts	-	-	-	-	-	-	-	-	-	-	-
14	Other Income	-	-	-	-	-	-	-	-	-	-	-
15	Total	0.02	0.29	0.29	0.01	0.05	0.01	0.05	0.05	0.01	0.01	0.05

Note: * - Trueing Up for FY 2015-16 to be done under MERC MYT Regulations, 2011 with reference to amounts approved in the MYT Order for FY 2016-17 to FY 2019-20



MindSpace Business Parks Private Limited
 Mid Term Review Provisions towards Distribution & Retail Supply
 Form 10: Provisions for Bad and Doubtful Debts

Distribution Wires Business

Sl. No.	Particulars	FY 2015-16		FY 2016-17		FY 2017-18		FY 2018-19		FY 2019-20	
		MYT Order (A)	April-March (Audited) (B)	MYT Order (A)	April-March (Audited) (B)	MYT Order (A)	Oct-Mar (Estimated) (B)	MYT Order (A)	Revised Projections (B)	MYT Order (A)	Revised Projections (B)
1	Opening Balance of Provisions for bad and doubtful debts	-	-	-	-	-	-	-	-	-	-
2	Reserves for the year	-	-	-	-	-	-	-	-	-	-
3	Opening Balance of Provisions of bad and doubtful debts as % of Receivables	-	-	-	-	-	-	-	-	-	-
4	Provision for bad & doubtful debts during the year	-	-	-	-	-	-	-	-	-	-
5	Actual bad and doubtful debts written off	-	-	-	-	-	-	-	-	-	-
6	Closing Balance of Provisions for bad and doubtful debts	-	-	-	-	-	-	-	-	-	-

Note: * - Funding for FY 2015-16 to be done under MBRG; MYT Regulations, 2011 with reference to amounts approved in the MYT Order for FY 2016-17 to FY 2019-20

Retail Supply Business

Sl. No.	Particulars	FY 2015-16		FY 2016-17		FY 2017-18		FY 2018-19		FY 2019-20	
		MYT Order (A)	April-March (Audited) (B)	MYT Order (A)	April-March (Audited) (B)	MYT Order (A)	Apr-Sep (Actual) (B)	MYT Order (A)	Revised Projections (B)	MYT Order (A)	Revised Projections (B)
1	Opening Balance of Provisions for bad and doubtful debts	-	-	-	-	-	-	-	-	-	-
2	Reserves for the year	-	-	-	-	-	-	-	-	-	-
3	Opening Balance of Provisions of bad and doubtful debts as % of Receivables	-	-	-	-	-	-	-	-	-	-
4	Provision for bad & doubtful debts during the year	-	-	-	-	-	-	-	-	-	-
5	Actual bad and doubtful debts written off	-	-	-	-	-	-	-	-	-	-
6	Closing Balance of Provisions for bad and doubtful debts	-	-	-	-	-	-	-	-	-	-

Note: * - Funding for FY 2015-16 to be done under MBRG; MYT Regulations, 2011 with reference to amounts approved in the MYT Order for FY 2016-17 to FY 2019-20



MindSpace Business Parks Private Limited
Mid Term Review Petition Formats - Distribution & Retail Supply
Form 11: Contribution to Contingency Reserves

Distribution Wires Business

Sr. No.	Particulars	FY 2015-16		FY 2016-17		FY 2017-18		FY 2018-19		FY 2019-20	
		MYT Order (a)	April-March (Audited) (b)	MYT Order (c)	April-March (Audited) (d)	MYT Order (e)	April - March (Estimated) (f) = (d) + (e)	Provisional True-Up requirement (g) = (f) - (d)	MYT Order (h)	Revised Projections (i)	MYT Order (j)
1	Opening Balance of Contingency Reserves	0	0	0	0.22	0.45	0.02	0.69	0.73	0.94	0.99
2	Opening Gross Fixed Assets	43.30	43.3	0	46.64	47.39	4.03	51.03	51.42	53.99	52.74
3	Opening Balance of Contingency Reserves as % of Opening GFA	0.00%	0.00%	0.00%	0.48%	0.95%	0.02%	1.35%	1.42%	1.74%	1.87%
4	Contribution to Contingency Reserves during the year	0.23	0.22	0	0.23	0.24	0.02	0.26	0.26	0.27	0.26
5	Utilisation of Contingency Reserves during the year	-	-	0	-	-	-	-	-	-	-
6	Closing Balance of Contingency Reserves	0.23	0.22	0	0.45	0.69	0.73	0.94	0.99	1.21	1.25
7	Closing Balance of Contingency Reserves as % of Opening GFA	0.50%	0.50%	0	0.95%	1.43%	1.42%	1.85%	1.92%	2.34%	2.37%

Note: * - Truing Up for FY 2015-16 to be done under MERC MYT Regulations, 2011 with reference to amounts approved in the MYT Order for FY 2016-17 to FY 2019-20

Retail Supply Business

Sr. No.	Particulars	FY 2015-16		FY 2016-17		FY 2017-18		FY 2018-19		FY 2019-20	
		MYT Order (a)	April-March (Audited) (b)	MYT Order (c)	April-March (Audited) (d)	MYT Order (e)	April - March (Estimated) (f) = (d) + (e)	Provisional True-Up requirement (g) = (f) - (d)	MYT Order (h)	Revised Projections (i)	MYT Order (j)
1	Opening Balance of Contingency Reserves	0	0	0	0.01	0.02	-0.04	0.03	0.02	0.03	0.03
2	Opening Gross Fixed Assets	1.42	1.42	0	1.67	1.85	-0.16	1.86	1.69	1.87	1.69
3	Opening Balance of Contingency Reserves as % of Opening GFA	0.00%	0.00%	0	0.43%	0.86%	-0.02%	1.38%	1.42%	1.87%	1.92%
4	Contribution to Contingency Reserves during the year	0.01	0.01	0	0.01	0.01	-0.01	0.01	0.01	0.01	0.01
5	Utilisation of Contingency Reserves during the year	-	-	0	-	-	-	-	-	-	-
6	Closing Balance of Contingency Reserves	0.01	0.01	0	0.02	0.03	-0.01	0.03	0.03	0.04	0.04
7	Closing Balance of Contingency Reserves as % of Opening GFA	0.50%	0.50%	0	0.88%	1.38%	1.47%	1.88%	1.92%	2.37%	2.42%

Note: * - Truing Up for FY 2015-16 to be done under MERC MYT Regulations, 2011 with reference to amounts approved in the MYT Order for FY 2016-17 to FY 2019-20



Mindspace Business Parks Private Limited
Mid Term Review Petition Formate - Distribution & Retail Supply
Form 12 (A): Income Tax

Sl. No.	Particulars	FY 2015-16*		FY 2016-17*		FY 2017-18		FY 2018-19		FY 2019-20		FY 2020-21	
		Apr-Mar (Audited)	MYT Order	Apr-Mar (Audited)	MYT Order	Apr-Mar (Estimated)	MYT Order	Apr-Mar (Estimated)	MYT Order	Apr-Mar (Estimated)	MYT Order	Apr-Mar (Estimated)	MYT Order
1	Income Tax	2,23	0.50	1,73	0.43	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
	Less: Tax Wives, Dividends	2,01	0.45	1,35	0.33	-	-	-	-	-	-	-	-
	Income Tax for Supply Business	0.22	0.05	0.38	0.10	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01

Note: 1. * - Documentary proof in the form of Challans for actual Income Tax paid needs to be submitted.
2. Income tax paid or incentive, efficiency gains, Delayed Payment Charges, and Interest on Delayed Payment to be excluded from actual Income Tax paid, and shown separately.

Form 12 (B): MAT Credit Available

Sl. No.	Particulars	(Rs. Crs)	
		FY 2015-16	FY 2016-17
		Actual	Actual
1	Opening Balance of MAT Credit available	-	-
2	MAT paid during the year	-	-
3	MAT Credit availed during the year	-	-
4	Closing Balance of MAT Credit available	-	-

Form 12 (C): Income Tax up Regulatory Profit Before Tax

Sl. No.	Particulars	FY 2015-16		FY 2016-17		FY 2017-18		FY 2018-19		FY 2019-20		FY 2020-21	
		Apr-Mar (Audited)	MYT Order	Apr-Mar (Audited)	MYT Order	Apr-Mar (Estimated)	MYT Order	Apr-Mar (Estimated)	MYT Order	Apr-Mar (Estimated)	MYT Order	Apr-Mar (Estimated)	MYT Order
1	Total Revenue	58.17	-	52.96	-	-	-	-	-	-	-	-	-
2	Less: Total Expenses	47.71	-	44.71	-	-	-	-	-	-	-	-	-
3	Profit Before Tax	10.46	-	8.25	-	-	-	-	-	-	-	-	-
4	Tax Adjustment	-	-	-	-	-	-	-	-	-	-	-	-
5	Depreciation considered in Expenses	2.36	-	2.61	-	-	-	-	-	-	-	-	-
6	Other allowances while computing IT	0.22	-	0.26	-	-	-	-	-	-	-	-	-
7	Total Tax Deductions	2.58	-	2.87	-	-	-	-	-	-	-	-	-
8	Less: Depreciation	17.74	-	5.89	-	-	-	-	-	-	-	-	-
9	Other expenses allowed for computing Income Tax	-	-	-	-	-	-	-	-	-	-	-	-
10	Deduction under 80C	-	-	-	-	-	-	-	-	-	-	-	-
11	Other Deductions under IT	-	-	-	-	-	-	-	-	-	-	-	-
12	Unpaid Income under IT	-	-	-	-	-	-	-	-	-	-	-	-
13	Total Tax Allowances	17.74	-	5.89	-	-	-	-	-	-	-	-	-
14	Total Taxable Income	(4.09)	-	(1.37)	-	-	-	-	-	-	-	-	-
15	Tax Payable at Normal rate (Corporate Tax Rate)	-	-	-	-	-	-	-	-	-	-	-	-
16	Tax Payable under MAT Rate	2.23	-	0.33	-	-	-	-	-	-	-	-	-
17	Tax Applicable	2.23	-	0.33	-	-	-	-	-	-	-	-	-
18	Tax Paid	-	-	-	-	-	-	-	-	-	-	-	-
19	Tax Paid by Tax Provision	-	-	-	-	-	-	-	-	-	-	-	-
20	Tax to be recovered through ABR	2.23	-	0.33	-	-	-	-	-	-	-	-	-
21	Total Revenue	58.17	-	52.96	-	-	-	-	-	-	-	-	-
22	Total Expenses	47.71	-	44.71	-	-	-	-	-	-	-	-	-
23	Profit Before Tax	10.46	-	8.25	-	-	-	-	-	-	-	-	-
24	Less: Deductions under Income Tax	-	-	-	-	-	-	-	-	-	-	-	-
25	Sub total	-	-	-	-	-	-	-	-	-	-	-	-
26	Sub total	-	-	-	-	-	-	-	-	-	-	-	-
27	Less: Deductions under Income Tax	-	-	-	-	-	-	-	-	-	-	-	-
28	Sub total	-	-	-	-	-	-	-	-	-	-	-	-
29	Sub total	-	-	-	-	-	-	-	-	-	-	-	-
30	Book Profit	10.46	-	8.25	-	-	-	-	-	-	-	-	-
31	Tax Payable under MAT Rate	2.23	-	0.33	-	-	-	-	-	-	-	-	-



Mindspace Business Parks Private Limited
Mid Term Review Petition Form - Distribution & Retail Supply
Form 13: Revenue from Sale of Electricity

FY 2015-16
Actual

Category	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i) = (c)+(d)+(e)+(f)+(g)+(h)	(j)	(k) = (i)+(j)	(l) = (k)/(l)	(m)	(n) = (m)-(l)	Remarks
	No. of consumers	Sales in MU	Revenue from Fixed/Demand Charges (Rs. Crore)	Revenue from Energy Charges (Rs. Crore)	Revenue from RAC (Rs. Crore)	Revenue from FAC (Rs. Crore)	PF (incentive)/Penalty (Rs. Crore)	Charges on Excess Demand (Rs. Crore)	Total Revenue (Rs. Crore)	Government subsidy (Rs. Crore)	Total revenue (Rs. Crore)	Actual Average Billing Rate (Rs./kWh)	Average Billing Rate approved in MYTMR Order (Rs./kWh)	Variation in ABR	
HT Category															
HT I	43.00	74.91	3.94	51.48	-	-	(2.26)	0.11	53.26	-	53.26	7.11	-	-	
HT II	-	-	0.05	-0.11	-	-	0.02	-	-0.17	-	0.17	16.45	-	-	
Sub-total HT	43.00	75.02	3.99	51.59	-	-	(2.25)	0.11	53.43	-	53.43	7.12	-	-	
LT Category															
LT I (A)	8.00	0.11	0.00	0.09	-	-	-	-	0.09	-	0.09	8.04	-	-	
LT I (B)	8.00	0.30	0.02	0.25	-	-	-	-	0.28	-	0.28	9.31	-	-	
LT I (C)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LT I (V A)	17.00	0.29	0.00	0.15	-	-	-	-	0.15	-	0.15	5.18	-	-	
LT I (V B)	25.00	6.16	0.20	4.23	-	-	(0.22)	0.01	4.22	-	4.22	6.86	-	-	
Sub-total LT	62.00	6.86	0.23	4.71	-	-	(0.22)	0.02	4.74	-	4.74	6.91	-	-	
Total	105.00	81.87	4.22	56.29	-	-	(2.47)	0.12	58.17	-	58.17	7.11	-	-	

Note:
1) The licensee shall include all relevant information on categories, sub-categories and sales, such as metered and non-metered consumption, as applicable for its license area.
2) In consumers, the mean number of consumers at the end of the year should be indicated.
3) The amount of subsidy received from the State Government should be clearly indicated for each category under the respective column and the relevant GR should be mentioned in the note below.
4) * - In case the variation between ABR approved by the Commission and actual ABR for the year for any category/sub-category is greater than +5%, then the Licensee should submit a justification for the same.

FY 2016-17
Actual

Category	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i) = (c)+(d)+(e)+(f)+(g)+(h)	(j)	(k) = (i)+(j)	(l) = (k)/(l)	(m)	(n) = (m)-(l)	Remarks
	No. of consumers	Sales in MU	Revenue from Fixed/Demand Charges (Rs. Crore)	Revenue from Energy Charges (Rs. Crore)	Revenue from RAC (Rs. Crore)	Revenue from FAC (Rs. Crore)	PF (incentive)/Penalty (Rs. Crore)	Charges on Excess Demand (Rs. Crore)	Total Revenue (Rs. Crore)	Government subsidy (Rs. Crore)	Total revenue (Rs. Crore)	Actual Average Billing Rate (Rs./kWh)	Average Billing Rate approved in MYTMR Order (Rs./kWh)	Variation in ABR	
HT Category															
HT I	42.00	74.87	3.91	46.40	-	(0.21)	(2.13)	0.05	48.02	-	48.02	6.41	5.56	(0.85)	Revised tariff (lower) was implemented for 5 months in the year, w.e.F. Nov. 2016, hence, actual ABR is higher than approved ABR in some categories
Sub-total HT	42.00	74.87	3.91	46.40	-	(0.21)	(2.13)	0.05	48.02	-	48.02	6.41	5.85	(0.56)	
LT Category															
LT I (A)	27.00	0.32	0.00	0.19	-	(0.00)	-	-	0.19	-	0.19	6.16	5.58	(0.58)	
LT I (B)	8.00	0.46	0.03	0.31	-	(0.00)	(0.00)	0.01	0.35	-	0.35	7.24	7.24	(0.00)	
LT I (V A)	1.00	0.19	0.00	0.10	-	(0.00)	-	-	0.10	-	0.10	5.18	5.28	(0.10)	
LT I (V B)	28.00	7.04	0.22	4.35	-	(0.02)	(0.26)	0.01	4.30	-	4.30	6.10	5.59	(0.51)	
Sub-total LT	64.00	8.01	0.26	4.95	-	(0.02)	(0.26)	0.02	4.94	-	4.94	6.17	5.59	(0.58)	
Total	106.00	82.88	4.17	51.35	-	(0.23)	(2.40)	0.07	52.96	-	52.96	6.39	5.72	(0.67)	

Note:
1) The licensee shall include all relevant information on categories, sub-categories and sales, such as metered and non-metered consumption.
2) In consumers, the mean number of consumers at the end of the year should be indicated.
3) The amount of subsidy received from the State Government should be clearly indicated for each category under the respective column and the relevant GR should be mentioned in the note below.
4) * - In case the variation between ABR approved by the Commission and actual ABR for the year for any category/sub-category is greater than +5%, then the Licensee should submit a justification for the same.



Year: FY 2017-18
 Provisional

Consumer Categories	No. of consumers	Components of tariff					Relevant sales & load data and data for revenue calculation										Full year revenue including Government subsidy (Rs. Crores)					Ratio of Average Billing Rate to Average Cost of				
		Fixed Charge (Rs./Annunth)	Demand Charge (Rs./Annunth)	Whodling Charge (Rs./kWh)	Energy Charge (Rs./kWh)	RAC	Peak surcharge per unit, if any	Structural Load in kW	Contract Demand in KVA	Billing Demand (kVA)	Sales in MU	Revenue from Fixed Charge	Revenue from Demand Charge	Revenue from Whodling Charge	Revenue from Energy Charge	Revenue from RAC	Revenue from fixed surcharge	Time of Day (amount)/kWh	OF (quantity)/ Priority	Change in Revenue Demand	Total		Government subsidy (Rs. Crore)	Full year revenue (including subsidy) (Rs. Crore)	Average Billing Rate (Rs./kWh)	
HT I	46.05	-	-	1.90	0.95	4.21	-	33,002	25,021	17,516	75.27	-	-	3.96	2.15	11.49	-	(0.03)	(0.01)	(1.81)	0.05	40.37	-	40.37	5.26	100%
HT II	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0%	
LT Category																										
LT I (A)	72.05	190.00	-	-	0.95	4.45	0.30	-	-	-	0.63	0.31	-	0.06	0.78	-	(0.00)	-	-	-	-	-	-	-	-	100%
LT I (B)	8.05	-	190.00	-	0.95	4.45	-	241	266	12.4	0.37	0.17	0.03	0.04	0.17	-	0.00	(0.00)	(0.00)	0.00	0.35	0.25	0.54	5.41	100%	
LT III (A)	3.05	190.00	-	-	0.95	4.45	0.05	-	-	-	0.01	0.00	-	0.00	0.00	-	0.00	-	-	-	-	-	-	-	100%	
LT III (B)	29.05	-	-	150.00	0.95	4.45	-	2,995	2,708	1,234	7.13	-	6.22	0.68	3.17	-	(0.01)	(0.06)	(0.27)	0.01	2.78	-	3.78	5.31	90%	
Total	148.05										83.41	0.04	4.24	7.02	38.81		(0.10)	(0.07)	(2.04)	0.06	44.74		44.74	5.36	100%	

Note: 1) Fixed tariff shall be prevailing tariff approved by the Commission for FY 2015-16.
 2) The license shall include all relevant information on categories, sub-categories and loads, such as indicated and un-metered consumption, as applicable for its license area.
 3) In 'footnote', the mean number of consumers at the end of the year should be indicated.



Mindspace Business Parks Private Limited
 Mid Term Review Petition Formats - Distribution & Retail Supply
 Form 132: Expected Revenue at Existing Tariff: FY 2018-19

Year: FY 2018-19
 Estimated Revenue at existing tariff

HT Category	No. of consumers	Components of tariff				Relevant rates & load/demand data for				Full year revenue excluding Governmental subsidy (Rs. Crores)				Ratio of Average Billing Rate to Average Cost of Supply (%)										
		Fixed Charges (Rs/month)	Demand Charges (Rs/KVA/mo)	Wholesaling Charges (Rs/KWh)	Energy Charges (Rs/AWh)	RAC	Fuel surcharge per unit, if Load in kW above	Sanctioned Load in kW	Contract Demand in KVA/MVA	Sales in MU	Revenue from Fixed Charges	Revenue from Demand Charges	Revenue from Wholesaling Charges		Revenue from Energy Charges	Revenue from RAC	Revenue from fuel surcharge	PF (incentive)/Penalty	Charges on Excess Demand	Total	Government subsidy (Rs. Crores)	Full year revenue (including subsidy) (Rs. Crores)	Average Billing Rate (Rs/AWh)	
HT I	45		190	0.95	4.27				25021	29.62		5.70	7.56						44.86			44.86	5.63	84%
2200 Hrs-6000 Hrs					(1.50)					21.15														
6000 Hrs-9000 Hrs & 1200 Hrs-1800 Hrs					-					32.57														
6000 Hrs-1200 Hrs					0.80					11.23														
1800 Hrs-2200 Hrs					1.10					14.66														
HT II	1		190	0.95	4.25				1000	5.00		0.23	0.48						2.79			2.79	5.57	83%
2200 Hrs-6000 Hrs					(1.50)					1.33														
6000 Hrs-9000 Hrs & 1200 Hrs-1800 Hrs					-					2.05														
6000 Hrs-1200 Hrs					0.80					0.71														
1800 Hrs-2200 Hrs					1.10					0.92														
Sub-total HT	46									84.62	0.00	5.93	8.04						47.65			47.65	5.63	84%
LT Category																								
LT I (C-P)	0	190		0.95	4.46																			
LT II (A)	32	190		0.95	4.55					0.64	0.0723													
LT II (B)	9		190	0.95	4.55					0.38		0.06	0.04											
2200 Hrs-6000 Hrs					(1.50)					0.09														
6000 Hrs-9000 Hrs & 1200 Hrs-1800 Hrs					-					0.16														
6000 Hrs-1200 Hrs					0.80					0.05														
1800 Hrs-2200 Hrs					1.10					0.08														
LT III (A)	1		190	0.95	4.55					0.01	0.0002		0.00											
LT III (B)	29		190	0.95	4.55					7.20		0.62	0.68											
2200 Hrs-6000 Hrs					(1.50)					1.84														
6000 Hrs-9000 Hrs & 1200 Hrs-1800 Hrs					-					2.95														
6000 Hrs-1200 Hrs					0.80					1.01														
1800 Hrs-2200 Hrs					1.10					1.30														
Sub-total LT	71									8.22	0.01	0.68	0.78						4.92			4.92	5.98	89%
Total	117									92.84	0.008	6.61	8.82						52.57			52.57	5.66	85%

ACCS 6.68

Note: 1) Existing tariff shall be prevailing tariff approved by the Commission for FY 2015-16
 2) The licensee shall include all relevant information on categories, sub-categories and slabs, such as metered and non-metered consumption, as applicable for its license area
 3) In consumers, the mean number of consumers at the end of the year should be indicated.



Mindspace Business Parks Private Limited
Mid Term Review Petition Formats - Distribution & Retail Supply
Form 13.3 - Expected Revenue at Existing Tariff FY 2019-20

Year: FY 2019-20
Estimated Revenue at existing tariff

HT Category	No. of consumers	Components of tariff					Relevant sales & load/demand data for					Full year revenue excluding Government subsidy (Rs. Crores)					Ratio of Average Billing Rate to Average Cost of Supply (%)						
		Fixed Charges (Rs/month)	Demand Charges (Rs/KVA/1000 kWh)	Wholesaling Charges (Rs/Wh)	Energy Charges (Rs/AWh)	RAC	Fuel surcharge per unit, if any	Sanctioned Load in kW	Contract Demand in KVA/MVA	Sales in MU	Revenue from Fixed Charges	Revenue from Demand Charges	Revenue from Wholesaling Charges	Revenue from Energy Charges	Revenue from RAC	Revenue from fuel surcharge		Government subsidy (Rs. Crores)	Total	Charges on Excess Demand	PP (incurred)/Penalty		
HT I	45		190	0.95	4.34 (1.50)			25021	80.41	5.70	7.64	34.23						45.84	0.05	(1.79)		45.84	78%
2300 Hrs-0600 Hrs									21.36			0.07											
0600 Hrs-0900 Hrs & 1200 Hrs-1800 Hrs									32.90			14.28											
0900 Hrs-1200 Hrs									11.54			5.83											
1800 Hrs-2200 Hrs									14.81			8.05											
HT II	1		190	0.95	4.75 (1.50)			1000	6.00	0.23	0.57	2.80						3.60	0	0		3.60	82%
2300 Hrs-0600 Hrs									1.59			0.52											
0600 Hrs-0900 Hrs & 1200 Hrs-1800 Hrs									2.45			1.17											
0900 Hrs-1200 Hrs									0.85			0.47											
1800 Hrs-2200 Hrs									1.10			0.65											
Sub-total HT	46								86.41	0.00	5.93	37.03		0.00	0.00			49.43	0.05	(1.79)		49.43	78%
LT Category																							
LT I (C-P)	0	100		0.95	4.46																		
LT II (A)	32	190		0.95	4.58				0.64	0.01		0.30											0%
LT II (B)	9	190		0.95	4.58			266	0.28	0.06	0.04	0.17						0.36		(0.00)		0.36	77%
2300 Hrs-0600 Hrs									0.09			0.03							0.27				98%
0600 Hrs-0900 Hrs & 1200 Hrs-1800 Hrs									0.16			0.07											
0900 Hrs-1200 Hrs									0.05			0.03											
1800 Hrs-2200 Hrs									0.08			0.04											
LT III (A)	1	190		0.95	4.58				0.01	0.0002		0.00											
LT III (B)	29	190		0.95	4.58			2708	7.27	0.62	0.69	3.26						0.00		(0.24)		4.35	81%
2300 Hrs-0600 Hrs									1.96			0.60							4.35				85%
0600 Hrs-0900 Hrs & 1200 Hrs-1800 Hrs									2.98			1.36											
0900 Hrs-1200 Hrs									1.02			0.55											
1800 Hrs-2200 Hrs									1.32			0.75											
Sub-total LT	71								8.31	0.01	0.68	3.73		0.00	0.00			4.99	0.02	(0.24)		4.99	85%
Total	117								94.72	0.01	6.61	40.77		0.00	0.00			54.42	0.06	(2.03)		54.42	79%

Note-1) Existing tariff shall be prevailing tariff approved by the Commission for FY 2015-16.
2) The licensee shall include all relevant information on categories, sub-categories and slabs, such as metered and non-metered consumption, as applicable for its licensee area.
3) In 'consumers', the mean number of consumers at the end of the year should be indicated.



