



Before the  
**JOINT ELECTRICITY REGULATORY  
COMMISSION, GURGOAN**

**PETITION**  
For

**True-up of FY 2014-15, Annual  
Performance Review for the FY 2017-18 &  
Tariff Proposal for the FY 2018-19**

**Submitted by:**

**Electricity Department  
Andaman & Nicobar  
Administration  
December-2017**

**GENERAL HEADINGS OF PROCEEDINGS**

**BEFORE HON'BLE JOINT ELECTRICITY REGULATORY COMMISSION  
FOR THE STATE OF GOA & UNION TERRITORIES**

**FILE No:** \_\_\_\_\_

**CASE No:** \_\_\_\_\_

**IN THE MATTER OF** : **Petition for Approval of True-up for  
FY 2014-15, Annual Performance Review  
of FY 2017-18 & Determination of Tariff  
for FY 2018-19.**

**AND**

**IN THE MATTER OF** : **The Electricity Department, Vidyut Bhawan,  
THE PETITIONER** **Port Blair- 744101**

**.....Petitioner**

Electricity Department of Union Territory of Andaman & Nicobar Administration (hereinafter referred to as "EDA&N"), files Petition for Approval of True-up for FY 2014-15, Annual Performance Review of FY 2017-18 & Determination of Tariff for FY 2018-19.

**AFFIDAVIT**

**BEFORE HON'BLE JOINT ELECTRICITY REGULATORY COMMISSION  
FOR THE STATE OF GOA & UNION TERRITORIES**

**FILE No:** \_\_\_\_\_

**CASE No:** \_\_\_\_\_

**IN THE MATTER OF :** **Petition for Approval of True-up for FY 2014-15, Annual Performance Review of FY 2017-18 & Determination of Tariff for FY 2018-19.**

**AND**

**IN THE MATTER OF THE PETITIONER :** **The Electricity Department, Vidyut Bhawan, Port Blair-744101, U.T. of Andaman & Nicobar**

**.....Petitioner**

I, Uttam Kumar Paul, S/o Late P. N. Paul, (aged 58 years),(occupation) Government Service residing at School Line, Port Blair, Andaman & Nicobar Islands, the deponent named above do hereby solemnly affirm and state on oath as under:-

1. That the deponent is the Superintending Engineer of Electricity Department of Andaman & Nicobar Administration and is acquainted with the facts deposed to below.
2. I, the deponent named above do hereby verify that the contents of the accompanying petition are based on the records of the Electricity Department, Andaman & Nicobar Administration maintained in the ordinary course of business and believed by them to be true and I believe that no part of it is false and no material has been concealed by EDA&N there from.

Details of enclosures:

- a) Proposal for ARR & tariff for the MYT period FY 2018-19 for Determination of Tariff.
- b) Petition Fee – Rs.10,00,000/- through online payment.

**For The Electricity Department of A&N**

**Petitioner**

**Place: Port Blair, Andaman & Nicobar,**

**Dated:**

I, \_\_\_\_\_ Advocate, \_\_\_\_\_, do hereby declare that the person making this affidavit is known to me through the perusal of records and I am satisfied that he is the same person alleging to be deponent himself.

**Advocate**

Solemnly affirmed before me on this ..... day of .....2017 at ..... a.m. /p.m. by the deponent who has been identified by the aforesaid Advocate. I have satisfied myself by examining the deponent that he understood the contents of the affidavit which has been read over and explained to him. He has also been explained about section 193 of Indian Penal Code that whoever intentionally gives false evidence in any of the proceedings of the Commission or fabricates evidence for purpose of being used in any of the proceedings shall be liable for punishment as per law.

**BEFORE HON'BLE JOINT ELECTRICITY REGULATORY COMMISSION  
FOR THE STATE OF GOA & UNION TERRITORIES**

**FILE No: \_\_\_\_\_**

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Determination of Tariff for FY 2018-19.**

**AND**

**IN THE MATTER OF       :**  
**THE PETITIONER**   **The Electricity Department, Vidyut Bhawan,  
Port Blair- 744101, U.T. of Andaman & Nicobar.**

**.....Petitioner**

PETITIONER, UNDER JOINT ELECTRICITY REGULATORY COMMISSION FOR THE STATE OF GOA AND UNION TERRITORIES (MULTI YEAR DISTRIBUTION TARIFF) REGULATIONS, 2014 READ WITH JERC (CONDUCT OF BUSINESS), REGULATIONS, 2009 FILES FOR INITIATION OF PROCEEDINGS BY THE HON'BLE COMMISSION FOR APPROVAL OF TRUE-UP FOR FY 2014-15, ANNUAL PERFORMANCE REVIEW OF FY 2017-18 & DETERMINATION OF TARIFF FOR FY 2018-19. OF ELECTRICITY DEPARTMENT OF ANDAMAN & NICOBAR ADMINISTRATION (HEREIN AFTER REFERRED TO AS "EDA&N").

**THE ELECTRICITY DEPARTMENT OF ANDAMAN & NICOBAR  
ADMISTRATION RESPECTFULLY SUBMITSS:**

1. The Petitioner, Andaman & Nicobar Electricity Department has been allowed to function as Distribution Utility for UT of Andaman & Nicobar Islands.
  
2. Pursuant to the enactment of the Electricity Act, 2003, EDA&N is required to submits its Aggregate Revenue Requirement (ARR) and Tariff Petitions as per procedures outlined in section 61, 62 and 64, of EA 2003, and the governing regulations thereof.

3. The Joint Electricity Regulatory Commission for the State of Goa And Union Territories (Multi Year Distribution Tariff) Regulations, 2014 requires the EDA&N to file MYT petition & tariff proposal, for Control Period of three financial years from April 1, 2016 to March 31, 2019. For the subsequent years of the control period, the licensee is required to file the APR for the current year and tariff proposal for the next financial year based on the ARR approved by the Commission.
4. The Hon'ble Commission approved the ARR for the control period FY 2017-18 to FY 2018-19 vide order dated 29-03-2017 Along with tariff for the FY 2017-18.
5. Further, the Hon'ble Commission also directed EDA&N in the MYT order to file true-up for the previous years.
6. Accordingly, EDA&N is submitting the instant Petition for Approval of True-up for FY 2014-15, Annual Performance Review of FY 2017-18 & Tariff for FY 2018-19 on the basis of the principles outlined in tariff regulations notified by the Joint Electricity Regulatory Commission.
7. EDA&N prays to the Hon'ble Commission to admit the attached petition for True-up for FY 2014-15, Annual Performance Review of FY 2017-18 & Determination of Tariff for FY 2018-19 and would like to submit that:

**PRAYERS TO THE HON'BLE COMMISSION:**

1. The petition provides, inter-alia, EDA&N's approach for formulating the present petition, the broad basis for projections used, summary of the proposals being made to the Hon'ble Commission, performance of EDA&N in the recent past, and certain issues impacting the performance of EDA&N in the Licensed Area.
2. Broadly, in formulating the petition, the principles specified by the Joint Electricity Regulatory Commission for The State of Goa And Union Territories (Multi Year Distribution Tariff) Regulations, 2014 (for APR for FY 2017-18 & tariff proposal for the FY 2018-19) and JERC Determination for Tariff Regulations, 2009 (for True-up for FY 2014-15) have been considered as the basis.
3. In order to align the thoughts and principles behind the Petition and Tariff Proposal, EDA&N respectfully seeks an opportunity to present their case prior to the approval of the petition. EDA&N believes that such an approach would go a long way towards providing a fair treatment to all the stakeholders and may eliminate the need for a review or clarification.
4. EDA&N may also be permitted to propose suitable changes to the petition and the mechanism of meeting the revenue on further analysis, prior to the final approval by the Hon'ble Commission.

In view of the above, the petitioner respectfully prays that Hon'ble Commission may:

- Approve the True-up for FY 2014-15, Annual Performance Review of FY 2017-18 & Determination of Tariff for FY 2018-19 for EDA&N formulated in accordance with the guidelines outlined in the regulations of Joint Electricity Regulatory Commission relating to Distribution Licensee and the principles contained in Tariff Regulations ;
- Condone any inadvertent delay/ omissions/ errors/ rounding off differences/shortcomings and EDA&N may please be permitted to add/ change/ modify/ alter the petition;
- Permit EDA&N to file additional data/ information as may be necessary;
- Pass such further and other orders, as the Hon'ble Commission may deem fit and proper, keeping in view the facts and circumstances of the case.

**Petitioner**  
**The Electricity Department of**  
**Andaman & Nicobar administration**

**Place: Port Blair, Andaman & Nicobar Islands**

**Dated:**

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## LIST OF ABBREVIATIONS

Abbreviation	Description
A&G	Administration & General
ARR	Annual Revenue Requirement
CAGR	Compound Annual Growth Rate
CD	Contract Demand
CERC	Central Electricity Regulatory Commission
CGS	Central Generating Stations
CoS	Cost of Supply
CPSU	Central Power Sector Undertakings
Crs	Crore
D/E	Debt Equity
EDA&N	Electricity Department Andaman & Nicobar Islands
FAC	Fuel Adjustment Costs
FDR	Fixed Deposits Receipts
FY	Financial Year
GFA	Gross Fixed Assets
HP	Horse Power
HT	High Tension
JERC	Joint Electricity Regulatory Commission
KV	Kilovolt
KVA	Kilovolt Amps
kWh	kilo Watt hour
LT	Low Tension
LTC	Leave Travel Concession
MU	Million Units
MVA	Million Volt Amps
MW	Mega Watt
O&M	Operation & Maintenance
PLF	Plant Load Factor
PLR	Prime Lending Rate
R&M	Repairs and Maintenance
RoE	Rate of Return
Rs.	Rupees
S/s	Sub Station
SBI	State Bank of India
T&D	Transmission & Distribution
UT	Union Territory
MYT	Multi Year Tariff



## **1. Introduction**

### **1.1 Historical Perspective**

The Department of Electricity of Andaman & Nicobar Administration (“EDA&N”) is responsible for power supply in the union territory. Power requirement of EDA&N is met by own generation station as well as power purchase.

Andaman & Nicobar Islands is cluster of islands scattered in the Bay of Bengal. These islands are truncated from rest of India by more than 1000 kms. The total area of the territory is 8249 sq. kms having population of 379944 as per 2011 Census provisional records & average growth rate is 6.68%. The tempo of economic development has tremendously accelerated along with all-round expansion in the areas/sectors viz. (i) Shipping Services, (ii) Civil Supplies, (iii) Education, (iv) Fisheries, (v) Tourism & Information Technology, (vi) Health, (vii) Industries, (viii) Rural Development, (ix) Social Welfare, (x) Transport, (xi) Increase in District Headquarters (xii) Central Government Department, (xiii) Public Undertaking & other offices, (xiv) Services & Utilities, (xv) Defense Establishment (xvi) Commercial Organisations/Business Centers etc. Thus, these islands have reached at the take-off stage of total economic transformation. All these economic and infrastructure developments requires power as a vital input & to play a key role for achieving overall transformations.

### **1.2 Past History on Power**

Prior to independence a small steam driven reciprocating DG Generator of 100 KW Capacity was installed EDA&N by the British at Ross Island in 1926. Direct current DG Set of 100 KW Capacity was installed EDA&N at Port Blair during 1929. After independence two steam turbine generating sets of 550 KW each were established during 1951 in the power house at Chatham Island. The boilers were operated on wood fuel and saw dust, which were the waste product of Chatham Saw Mill and later switched over to Mangrove wood as fuel. This was the start of alternating current power supply at Port Blair.

Due to the geographical & topographical peculiarities of these islands including separation by sea over great distances there is no single power grid for the entire electrified island and instead a power house caters independently to the power requirements of area/islands.

The Electricity Department is operating and maintaining power generation, transmission & distribution system network in these islands for providing electric power supply to general public and implements various schemes under Plan & Non Plan for augmentation of DG Generating Capacity and establishment of new power houses and T&D Systems. This department is also functioning as a Nodal Agency for implementing renewable energy program of the Ministry of New & Renewable Energy in these islands. Presently, the department is headed by a Superintending Engineer, associated with seven EEs & thirty eight AEs for carrying out the task of power generation, transmission & distribution to the general public including schemes under non-conventional energy sources.





### 1.3.1 JERC Formation

In exercise of the powers conferred by the Electricity Act 2003, the Central Government constituted a Joint Electricity Regulatory Commission for all Union Territories to be known as “Joint Electricity Regulatory Commission for Union Territories” as notified on 2<sup>nd</sup> May 2005. Later with the joining of the State of Goa, the Commission came to be known as “Joint Electricity Regulatory Commission for the State of Goa and Union Territories” as notified on 30<sup>th</sup> May 2008.

The Hon’ble Commission is a two-member body designated to function as an autonomous authority responsible for regulation of the power sector in the State of Goa and Union Territories of Lakshadweep, Lakshadweep, Chandigarh, Daman & Diu, Dadra Nagar & Haveli and Puducherry. The powers and the functions’ of the Hon’ble Commission are as prescribed in the Electricity Act 2003. The Head Office of the Commission presently is located in the district town of Gurgaon, Haryana and falls in the National Capital Region.

The Joint Electricity Regulatory Commission for the State of Goa and Union Territories started to function with effect from August 2008 with the objectives and purposes for which the Commission has been established. Presently the Hon’ble Commission is framing various regulations as mandated in the Electricity Act 2003 to facilitate its functioning. Some of the Regulations notified by the Hon’ble Commission include the following:

- JERC Conduct of Business Regulations 2009;
- JERC Establishment of Forum for Redressal of Grievances of Consumers Regulations 2009;
- JERC Appointment and Functioning of Ombudsman Regulations 2009;
- JERC Recruitment, Control and Service Conditions of Officers and Staff Regulations 2009;
- JERC Treatment of other businesses of Transmission Licensees and Distribution Licensees Regulations, 2009.
- JERC Standard of Performance Regulations, 2009.
- JERC State Advisory Committee Regulations, 2009.
- JERC Appointment of Consultants Regulation, 2009.
- JERC Open Access in Transmission and Distribution Regulations, 2009.
- JERC Terms and condition for determination of Tariff Regulation 2009.



- (a) Addition / insertion of Clause 7(3) after 7(2)
- (b) Corrigendum
  
- JERC Electricity Supply Code Regulations 2010
  - (a) 1<sup>st</sup> Amendments
  - (b) 2<sup>nd</sup> Amendments
  - (c) Corrigendum dt. 6<sup>th</sup> Jan. 2014
  
- JERC State Grid Code Regulations 2010
- JERC Electricity Trading Regulations 2010
- JERC Procurement of Renewal Energy Regulations 2010
- JERC (Distribution Code) Regulations 2010
- JERC (Procedure for filling Appeal before the Appellate Authority) Regulations 2013
- JERC for the State of Goa and Union Territories (Multi Year Distribution Tariff) Regulations, 2014.

#### **1.4 Filing under Tariff Regulations**

- 1.4.1 EDA&N has been filing its ARR and Tariff petitions for the past years with the Hon'ble Commission based on the principles outlined by the Hon'ble Commission vide their Regulations on applicable terms and conditions of Tariff for Distribution Licensees as notified in 2009 and EDA&N the last petition in accordance with the JERC for the State of Goa and Union Territories (Multi Year Distribution Tariff) Regulations, 2014.
- 1.4.2 EDA&N its petition for determination of Aggregate Revenue Requirement (ARR) & Retail Tariff for distribution and retail sale of electricity for the control period FY 2016-17 to FY 2018-19 under section 61, 62 & 64 of the Electricity Act, 2003 and JERC (Multi Year Distribution Tariff) Regulations, 2014 against which Tariff Order was issued by the Hon'ble Commission on 06<sup>th</sup> April, 2016. In the said Order, the Hon'ble Commission has directed to file True-up Petition for the previous years.
- 1.4.3 Accordingly, true-up of FY 2014-15 as per audited accounts has been prepared in line with the Terms & Conditions of Tariff Regulations, 2009 and JERC (Multi Year Distribution Tariff) Regulations, 2014 issued by the Hon'ble Commission.



- 1.4.4 As per JERC (Multi Year Distribution Tariff) Regulations, 2014, in third year of the control period, EDA&N is required to file the APR for the second year along with Tariff proposal for the third year of the control period.
- 1.4.5 Accordingly, this petition has been prepared in line with the Tariff Regulations 2009, MYT order, MYT Regulations, 2014 and subsequent amendment.

## **1.5 Filing of True-up, APR and Tariff proposal**

- 1.5.1 Under the provisions of Electricity Act, 2003, Licensee is required to submit its ARR and Tariff Petition as per procedures outlined in section 61, 62 and 64 of EA 2003, and the governing regulations of JERC of the relevant years thereof.
- 1.5.2 The Hon'ble Commission has notified first amendment to JERC (MYT Distribution Tariff) Regulations, 2014 wherein tariff determination under MYT framework shall be applicable from 1st April 2016. However, clause 39 of MYT Regulations, 2014 states as follows:
- “39. Repeal and savings 38.2 Notwithstanding such repeal, any proceedings before the Commission pertaining to the period prior to the commencement of the Control Period, including Petitions for True up of expenses, annual performance review, etc. shall be governed by Joint Electricity Regulatory Commission (Terms and Conditions of Determination of Tariff) Regulations 2009”.
- 1.5.2.1 In line with the above clause, EDA&N has adopted the principles of Terms and Conditions for Determination of Tariff Regulations 2009 (Tariff Regulations 2009) notified by the Joint Electricity Regulatory Commission for FY 2014-15. Accordingly EDA&N is submitting the said petition for True-up of FY 2014-15 based on audited accounts in line with JERC (Terms & Conditions of Tariff) Regulations, 2009 for the approval of the Hon'ble Commission.
- 1.5.2.2 Also, along with the said Petition, petition for approval of APR for the FY 2017-18 & Tariff Proposal for the FY 2018-19 are prepared in line with MYT Regulations, 2014 and subsequent first amendment.
- 1.5.2.3 EDA&N hereby submits its petition for approval of True-up for the FY 2014-15, APR for the FY 2017-18 and Tariff Proposal for the FY 2018-19. The petitioner has attempted to comply with the various guidelines in the Act and regulations within the limitations of availability of data. The details are provided in the subsequent sections.



## **2 OVERALL APPROACH FOR PRESENT FILING**

The Hon'ble Commission had notified the Joint Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations 2009 and JERC (Multi Year Distribution Tariff) Regulations, 2014. The Hon'ble Commission has notified the JERC (Multi Year Distribution Tariff) (First Amendment) Regulations, 2015 on 10th August, 2015. In line with the Tariff regulations, 2009, EDA&N has been filing the ARR petitions for consideration of the Hon'ble Commission in the formats laid down for providing information relating to past, present and future performance. In this petition, EDA&N is filing the True-up for FY 2014-15 and Annual Performance Review for FY 2017-18 along with Tariff proposal for the FY 2018-19.

### **2.1 True-up for the FY 2014-15**

As specified in the Tariff Regulations, the Hon'ble Commission shall undertake the true-up exercise for the previous year based on audited accounts. EDA&N submits that it has completed the audit of accounts of FY 2014-15. Accordingly, EDA&N is submitting the True-up petition of FY 2014-15 based on the audited accounts. Further, it is submitted that the Annual Accounts for the FY 2015-16 already have submitted to AG for audit. EDA&N seeks permission to submit the True-up after completion of audit for the year.

### **2.2 Annual Performance Review for the FY 2017-18.**

2.2.1 As specified in the Tariff Regulations, the Hon'ble Commission shall undertake the Annual Performance Review by considering variations between the approved and revised estimates of sale of electricity, income and expenditure for the relevant year.

2.2.2 Accordingly, EDA&N is filing this Annual Performance Review petition for the year FY 2017-18 based on the actual performance during the 1st half of the year and the revised estimates for the second half of the year. However, EDA&N has not proposed any revision in the energy sale for the year and variation if any shall be claimed at the time of true-up for the year.



### 2.2.3 Tariff Proposal for the FY 2018-19.

The Hon'ble Commission has already approved the ARR for the FY 2018-19 along with other parameters in the MYT order dated 06-04-2016. EDA&N is filing the instant petition for approval of the Tariff for the FY 2018-19 based on the approved ARR & other parameters.

2.2.4 True-up for FY 2014-15, APR for FY 2017-18 and Tariff proposal for the FY 2018-19 have been carried out separately and details of the same are presented separately.

## 3. Truing Up of FY 2014-15

### 3.1.1. Preamble

EDA&N submits that the audit of the accounts has been completed by AG and the audit certificate also issued.

3.1.2. This chapter summarizes each of the components of ARR for FY 2014-15 and thereby working out the revenue gap for the said year.

### 3.2. Energy Sales

3.2.1. EDA&N submits before the Hon'ble Commission the category wise actual and approved sales for FY 2014-15 in the table below:

<b>Table - 3.1 Categorywise sales for the FY 2014-15</b>			
<b>Category</b>	<b>As approved by Commission</b>	<b>As per Audited Accounts</b>	<b>Deviation</b>
<b>Domestic</b>	<b>117.18</b>	<b>115.54</b>	<b>1.64</b>
<b>Commercial</b>	<b>58.96</b>	<b>60.69</b>	<b>-1.73</b>
<b>Industrial</b>	<b>13.97</b>	<b>13.38</b>	<b>0.59</b>
<b>Bulk Supply</b>	<b>31.01</b>	<b>29.93</b>	<b>1.08</b>
<b>Public Lighting</b>	<b>9.42</b>	<b>9.05</b>	<b>0.37</b>
<b>Irrigation Pumps &amp; Agriculture</b>	<b>0.94</b>	<b>0.87</b>	<b>0.07</b>
<b>Total</b>	<b>231.49</b>	<b>229.46</b>	<b>2.03</b>

3.2.2. It is requested to the Hon'ble Commission to approve the actual sales as submitted in the above table for FY 2014-15.



### 3.3. Number of consumers

3.3.1. EDA&N submits before the Hon'ble Commission, the actual consumer numbers for FY 2014-15 in comparison to the approved numbers as highlighted below:

<b>Table - 3.2 Categorywise No. of Consumers for the FY 2014-15</b>			
<b>Category</b>	<b>As approved by Commission</b>	<b>As per Audited Accounts</b>	<b>Deviation</b>
<b>Domestic</b>	<b>96799</b>	<b>99888</b>	<b>-3089</b>
<b>Commercial</b>	<b>17910</b>	<b>18304</b>	<b>-394</b>
<b>Industrial</b>	<b>511</b>	<b>533</b>	<b>-22</b>
<b>Bulk Supply</b>	<b>79</b>	<b>61</b>	<b>18</b>
<b>Public Lighting</b>	<b>716</b>	<b>624</b>	<b>92</b>
<b>Irrigation Pumps &amp; Agriculture</b>	<b>218</b>	<b>251</b>	<b>-33</b>
<b>Total</b>	<b>116233</b>	<b>119661</b>	<b>-3428</b>

3.3.2. It is requested to the Hon'ble Commission to approve the number of consumers as submitted in the above table for FY 2014-15.

### 3.4 Connected Load

3.4.1. EDA&N submits before the Hon'ble Commission the actual connected Load for FY 2014-15 in comparison to the approved numbers as highlighted below:

<b>Table - 3.3 Category wise connected load approved for the FY 2014-15</b>			
<b>Category</b>	<b>As approved by Commission</b>	<b>As per Audited Accounts</b>	<b>Deviation</b>
<b>Domestic</b>	<b>103088</b>	<b>108899</b>	<b>-5811</b>
<b>Commercial</b>	<b>63738</b>	<b>46667</b>	<b>17071</b>
<b>Industrial</b>	<b>11030</b>	<b>14038</b>	<b>-3008</b>
<b>Bulk Supply</b>	<b>10914</b>	<b>9874</b>	<b>1040</b>
<b>Public Lighting</b>	<b>4284</b>	<b>2556</b>	<b>1728</b>
<b>Irrigation Pumps &amp; Agriculture</b>	<b>901</b>	<b>699</b>	<b>202</b>
<b>Total</b>	<b>193955</b>	<b>182733</b>	<b>11222</b>



3.4.2. It is requested to the Hon'ble Commission to approve the connected Load as submitted in the above table for FY 2014-15.

### 3.5. Energy Balance

3.5.1. EDA&N has submitted 19.39% as the energy distribution losses for FY 2014-15 as compared to that approved by Hon'ble Commission at 18.03%. The comparison of energy balance statement and the loss levels based on audited accounts and approved figures are shown in the table below:

<b>Table - 3.4 Energy Requirement for the FY 2014-15</b>			
<b>Energy Balance</b>	<b>As approved by Commission</b>	<b>As per Audited Accounts</b>	<b>Deviation</b>
<b>ENERGY REQUIREMENT</b>			
<b>Energy Sales</b>			
LT Supply	231.49	229.46	2.03
HT Supply			
<b>Total Energy Sales</b>	<b>231.49</b>	<b>229.46</b>	2.03
<b>Overall T &amp; D Losses %</b>	<b>17.00</b>	<b>19.96</b>	-2.96
Overall T & D Losses (MUs)	47.41	57.24	-9.83
<b>Total Energy Requirement</b>	<b>278.90</b>	<b>286.70</b>	<b>-7.80</b>
<b>Power Purchase</b>	177.11	172.25	4.86
Own Generation	101.85	114.45	-12.60
<b>Total Energy Availability</b>	<b>278.96</b>	<b>286.70</b>	-7.74
<b>ENERGY SURPLUS/(GAP)</b>	<b>-0.06</b>	<b>0.00</b>	-0.06

3.5.2. EDA&N requests the Hon'ble Commission to approve the Distribution Loss as submitted above for FY 2014-15.



<b>Table- 3.5 T&amp;D Loss for the FY 2014-15</b>			
<b>Particulars</b>	<b>As approved by Commission</b>	<b>As per Actual Data</b>	<b>Deviation</b>
<b>T&amp;D Losses</b>	<b>17.00%</b>	<b>19.96%</b>	<b>-2.96%</b>

### 3.6. Cost of fuel

3.6.1. The energy requirement of EDA&N is met from own generation. There is no availability of power from Central Generating Stations or from other sources/ open market/ power exchanges etc.

3.6.2. EDA&N submits before the Hon'ble Commission the actual cost of fuel and the approved figures for FY 2014-15 in the table below:

<b>Table - 3.6 Own Generation Fuel Cost for the FY 2014-15</b>				
<b>(Rs. in crores)</b>				
<b>Sr. No</b>	<b>Particulars</b>	<b>As approved by Commission</b>	<b>As per Audited Accounts</b>	<b>Deviation</b>
1	2	3	4	5
1	Own Generation Cost	265.15	174.89	90.26
	<b>Total</b>	<b>265.15</b>	<b>174.89</b>	

3.6.3. The Hon'ble Commission is requested to approve the fuel cost as submitted above for FY 2014-15

### 3.7. Cost of Power Purchase

3.7.1 EDA&N has also procured power from IPP and other generators. The actual power purchase cost for the FY and approved figure is provided below:





<b>Table - 3.7 Power Purchase Expenses for the FY 2014-15</b>				
<b>(Rs. in crores)</b>				
<b>Sr. No</b>	<b>Particulars</b>	<b>As approved by Commission</b>	<b>As per Audited Accounts</b>	<b>Deviation</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
1	Power Purchase Cost	182.18	241.68	-59.50
	<b>Total</b>	<b>182.18</b>	<b>241.68</b>	

### 3.8. GFA, Capitalisation & Depreciation

3.8.1. GFA: The Opening Balance of GFA, additions and closing balance of GFA for FY 2014-15 as per annual accounts is submitted in the table below:

<b>Table - 3.7.1 Gross Fixed Asset for FY 2014-15</b>				
<b>SL. No.</b>	<b>Particulars</b>	<b>Opening Assets</b>	<b>Additions</b>	<b>Assets at End</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
1	Plant & Machinery	53.51	17.95	71.46
2	Buildings	36.42	0.00	36.42
3	Vehicles	6.42	0.00	6.42
4	Furniture & Fixture	1.33	0.03	1.36
5	Computer	14.87	0.25	15.13
	<b>Total</b>	<b>112.57</b>	<b>18.23</b>	<b>130.80</b>

3.8.2. EDA&N submits that the Asset and Depreciation registers have been prepared and duly audited fixed assets' gross amount, accumulated depreciation and depreciation for the year have been shown in the accounts for FY 2014-15 . EDA&N requests the Hon'ble Commission to approve the actual Gross Fixed Assets opening and additions as submitted above for FY 2014-15

3.8.3. Depreciation: "As per Regulation 26 of JERC Tariff Regulations, depreciation for the assets shall be calculated annually at the rates specified by CERC from time to time. The same have been applied on different asset categories.



3.8.4. EDA&N would like to submit that the depreciation arrived in annual accounts for FY 2014-15 is based on the rates specified by Hon'ble Commission in its Tariff Regulations.

3.8.5. The following table shows the depreciation arrived by EDA&N for FY 2014-15 based on the approved depreciation rates specified by the Hon'ble Commission for different asset class. The same is reflecting in the annual audited accounts for respective years.

<b>Table - 3.8 Depreciation for the FY 2014-15</b>				
<b>(Rs. in crores)</b>				
<b>Sr. No</b>	<b>Particulars</b>	<b>As approved by Commission</b>	<b>As per Audited Accounts</b>	<b>Deviation</b>
1	2	3	4	5
1	Depreciation	5.95	3.55	2.40
	<b>Total</b>	<b>5.95</b>	<b>3.55</b>	

3.8.6. The Hon'ble Commission is requested to approve the actual depreciation for FY 2014-15 as submitted in the table above.

### 3.9. **Operation & Maintenance expenses**

3.9.1. Operation & Maintenance Expenses consists of three elements viz. Employee Expenses, A&G Expense and R&M Expense:

- Employee expenses comprise of salaries, dearness allowance, bonus, terminal benefits in the form of pension & gratuity, leave encashment and staff welfare expenses
- Administrative expenses mainly comprise of rents, telephone and other communication expenses, professional charges, conveyance and travelling allowances and other debits.



- Repairs and Maintenance Expenses go towards the day to day upkeep of the distribution network of the Company and form an integral part of the Company's efforts towards reliable and quality power supply as well as in the reduction of losses in the system.

3.9.2. Regulation 27 (3) of JERC for the State of Goa and Union Territories (Terms and Conditions for Determination of Tariff) Regulations, 2009 provides for O&M Expense for a distribution licensee. The relevant regulation is re-produced hereunder:

"27 (3) O&M expenses for distribution functions shall be determined by the Commission as follows: a) O&M expenses as approved by the Commission for the first time for a year shall be considered as base O&M expenses for determination of O&M expenses for subsequent years;

Base O&M expenses as above shall be adjusted according to variation in the rate of WPI per annum to determine the O&M expenses for subsequent year, where WPI is the Wholesale Price Index on April 1 of the relevant year....."

### 3.9.3. Employee Expenses

3.9.3.1. EDA&N has computed the O&M (Employee) expense for FY 2014-15 based on the actual employee expenses incurred during the entire year. The actual employee cost along with the approved figure for the FY 2014-15 is given below:

<b>Table - 3.9 Employee Expenses for the FY 2014-15</b>				
<b>(Rs. in crores)</b>				
<b>Sr. No</b>	<b>Particulars</b>	<b>As approved by Commission</b>	<b>As per Audited Accounts</b>	<b>Deviation</b>
1	2	3	4	5
1	<b>Employee Cost</b>	54.03	77.10	-23.07
	<b>Total</b>	<b>54.03</b>	<b>77.10</b>	

3.9.3.2. EDA&N requests the Hon'ble Commission to kindly approve the actual cost during the year for FY 2014-15 as reflecting in audited annual accounts.



### 3.9.4. Repair & Maintenance Expenses

3.9.4.1. The actual repairs and maintenance cost as compared with the approved figures for the FY 2014-15 are provided in the table below:

<b>Table-3.10 R&amp;M Expenses for the FY 2014-15</b>				
<b>(Rs. in crores)</b>				
<b>Sr. No</b>	<b>Particulars</b>	<b>As approved by Commission</b>	<b>As per Audited Accounts</b>	<b>Deviation</b>
1	2	3	4	5
1	Repair & Maintenance Cost	38.30	19.68	18.62
	<b>Total</b>	<b>38.30</b>	<b>19.68</b>	

3.9.4.2. EDA&N submit that R&M expenses are necessary for maintenance of infrastructure and for ensuring proper Standards of Performance of the utility. There is a need for R&M expenses to be growing in line with the increase in GFA also. EDA&N therefore requests the Hon'ble Commission to approve the R&M expenses as submitted in the table above for the FY 2014-15.

### 3.9.5. Administrative & General Expenses

3.9.5.1. The administrative expense mainly comprise of rents, professional charges, office expenses, etc. The expenses incurred by the petitioner for FY 2014-15 are shown in the table below.

<b>Table - 3.11 A&amp;G Expenses for the FY 2014-15</b>				
<b>(Rs. in crores)</b>				
<b>Sr. No</b>	<b>Particulars</b>	<b>As approved by Commission</b>	<b>As per Audited Accounts</b>	<b>Deviation</b>
1	2	3	4	5
1	Administration & General Expenses	2.68	14.93	-12.25
	<b>Total</b>	<b>2.68</b>	<b>14.93</b>	



3.9.5.2. EDA&N request the Hon'ble Commission to approve the A&G expenses as submitted in the table above for the FY 2014-15.

### 3.10. Interest & Finance charges

3.10.1. The Regulation 25 provides for Interest and Finance Charges on Loan. EDA&N has submitted that all the capital assets are created out of the budgetary allocation from the Government of India. However, EDA&N has been claiming interest charges based on normative loan calculation. The Interest and Finance Charges arrived is based on normative loan considered to the extent of capitalization during the year. The table below shows the Interest and Finance Charges vis-a-vis approved by the Hon'ble Commission for FY 2014-15.

<b>Table - 3.12 Interest and Finance Charges for the FY 2014-15</b>				
<b>(Rs. in crores)</b>				
<b>Sr. No</b>	<b>Particulars</b>	<b>As approved by Commission</b>	<b>As per Audited Accounts</b>	<b>Deviation</b>
1	2	3	4	5
1	Interest and Finance Charge	12.17	11.98	0.19
	<b>Total</b>	<b>12.17</b>	<b>11.98</b>	

3.10.2. It is submitted that it has considered an addition in the Gross Fixed Assets to the extent of assets capitalized for FY 2014-15, which are considered funded through normative debt to the tune of 70% in line with the Tariff Regulations. The rate of interest considered is prevailing Prime Lending Rate of the State Bank of India as on 1st April of that relevant year.

3.10.3. The Hon'ble Commission is requested to approve the Interest & Finance Charges at as submitted above for FY 2014-15.

### 3.11. Interest on Working Capital

3.11.1. Regulation No. 29 of JERC for the State of Goa and Union Territories (Terms and Conditions for Determination of Tariff) Regulations, 2009 stipulates the procedure for calculation of Working Capital and Interest on Working Capital as applicable to Puducherry Electricity Department. This is as shown below:



(1) For generation and transmission business, the working capital shall be as per CERC norms.

(2) Subject to prudence check, the working capital for distribution business shall be the sum of one month requirement for meeting:

(a) Power purchase cost,

(b) Employees cost,

(c) Administration & general expenses and

(d) Repair & Maintenance expenses.

(3) Subject to prudence check, the working capital for integrated utility shall be sum of one month requirement for meeting:

(a) Power purchase cost

(b) Employees cost

(c) Administration & general expenses

(d) Repair & Maintenance expenses.

(e) Sum of two month requirement for meeting Fuel cost.

(4) The rate of interest on working capital shall be equal to the short term Prime Lending Rate of State Bank of India on the 1st April of the relevant financial year. The interest on working capital shall be payable on normative basis notwithstanding that the generating company / licensee has not taken working capital loan from any outside agency or has exceeded the working capital loan amount worked out on the normative figures.

3.11.2. The table below shows the Interest on working capital vis-a-vis approved by the Hon'ble Commission for FY 2014-15.



<b>Table - 3.13 Interest on Working Capital for the FY 2014-15</b>				
<b>(Rs. in crores)</b>				
<b>Sr. No</b>	<b>Particulars</b>	<b>As approved by Commission</b>	<b>As per Audited Accounts</b>	<b>Deviation</b>
1	2	3	4	5
1	Interest on Working Capital	9.84	6.49	3.35
	<b>Total</b>	<b>9.84</b>	<b>6.49</b>	

3.11.3. The Hon'ble Commission is requested to approve the Interest on working capital as submitted above for FY 2014-15.

### 3.12. Interest on Security deposits

3.12.1. The Regulation 25 of JERC (for the State of Goa and Union Territories (Terms and Conditions for Determination of Tariff) Regulations, 2009 provides for Interest on Security Deposit, if any, made by the consumer with the licensee. The provision of interest on security deposits is to be made at the bank rate.

3.12.2. Interest on Security deposits has not been claimed by EDA&N in the ARR.

### 3.13. Return on Capital base/Net Fixed Assets

3.13.1. The proviso of Regulation 23 (2) and Regulation 24 of Tariff Regulations 2009 provides for entitlement for Returns on Capital Base/ Net Fixed Assets by utility / licensee.

3.13.2. The summary of the Return on Net Fixed Assets as claimed by the petitioner, as approved by the Hon'ble Commission and as calculated for FY 2014-15 is tabulated below:

<b>Table - 3.14 Return on Equity for the FY 2014-15</b>				
<b>(Rs. in crores)</b>				
<b>Sr. No</b>	<b>Particulars</b>	<b>As approved by Commission</b>	<b>As per Audited Accounts</b>	<b>Deviation</b>
1	2	3	4	5
1	Return on Equity	3.54	1.83	1.71
	<b>Total</b>	<b>3.54</b>	<b>1.83</b>	



3.13.3. The Hon'ble Commission is requested to kindly allow the above Return on Net Fixed Assets for FY 2014-15.

### 3.14. Provision for Bad & Doubtful Debts

Regulation no. 28 of JERC Tariff regulations, regarding Provision for Bad & Doubtful Debts provides as follows:

"28. Bad and Doubtful Debts - The Commission may, after the generating company/licensee gets the receivables audited, allow a provision for bad debts up to 1% of receivables in the revenue requirement of the generating company/licensee. (Information to be furnished in format 18)"

3.14.2. However, EDA&N has not claimed Provision for Bad & Doubtful Debts FY 2012-13.

### 3.15. Non-Tariff Income

3.15.1. The Non-Tariff Income comprises metering, late payment charges, interest on staff loans, and income from trading, reconnection fee, and miscellaneous income among others. The actual Non-Tariff Income and that approved by the Hon'ble Commission for FY 2014-15 is provided in the table below:

<b>Table - 3.15 Non Tariff Income for the FY 2014-15</b>				
<b>(Rs. in crores)</b>				
<b>Sr. No</b>	<b>Particulars</b>	<b>As approved by Commission</b>	<b>As per Audited Accounts</b>	<b>Deviation</b>
1	2	3	4	5
1	Non Tariff Income	2.20	1.39	0.81
	<b>Total</b>	<b>2.20</b>	<b>1.39</b>	





3.15.2. The Hon'ble Commission is requested to kindly allow Non-Tariff Income for FY 2014-15 as submitted above.

### 3.16. Revenue from sale of Power at Existing Tariff

3.16.1. The actual Revenue from Tariff for FY 2014-15 at existing tariff is shown in the table below:

<b>Table - 3.16 Revenue from Existing Tariff</b>		
<b>2014-15</b>		
<b>Sr. No</b>	<b>Particular</b>	<b>At Existing Tariff (Rs. Crores)</b>
<b>1</b>	<b>2</b>	<b>3</b>
<b>1</b>	<b>Total Revenue</b>	<b>106.26</b>

3.16.2. The Hon'ble Commission is requested to kindly allow Revenue from Tariff for FY 2014-15 at existing tariff as submitted above.

### 3.17. Aggregate Revenue Requirement

3.17.1. The Aggregate Revenue Requirement for FY 2014-15 as approved by the Hon'ble Commission and the calculation for Aggregate Revenue Requirement on the basis of actual for FY 2014-15 is shown below:



<b>Table - 3.17 True Up of ARR for FY 2014-15</b>				
(in Rs. Crores)				
Sr. No	Particulars	As approved by Commission	As per Audited Accounts	Deviation
1	2	3	4	5
1	Cost of fuel	265.15	174.89	90.26
2	Cost of power purchase	182.18	241.68	-59.50
3	Employee costs	54.03	77.10	-23.07
4	R&M expenses	38.30	19.68	18.62
5	Administration and general expenses	2.68	14.93	-12.25
6	Depreciation	5.95	3.55	2.40
7	Interest & Finance Charges	12.17	11.98	0.19
8	Interest on working Capital	9.84	6.49	3.35
9	Return on NFA /Equity	3.54	1.83	1.71
10	Provision for Bad Debit	0.00	0.00	0.00
11	Total revenue requirement	573.84	552.14	21.70
12	Less: non tariff income	2.20	1.39	0.81
13	Net revenue requirement (10-11)	571.64	550.75	20.89
14	Revenue from tariff	112.24	106.26	5.98
15	Gap	459.41	444.49	14.92
16	Gap for -----			0.00
17	<b>Total gap (14+15)</b>	<b>459.41</b>	<b>444.49</b>	<b>14.92</b>

3.17.2. The Petitioner requests the Commission to approve the ARR for FY 2014-15 as submitted above.

### 3.18. Revenue Gap for FY 2014-15

3.18.1. The Revenue Gap as approved by the Hon'ble Commission and as calculated on the basis of true up of FY 2014-15 is shown in the table below:



<b>Table - 3.18 Revenue Gap at Existing Tariff FY 2014-15</b>				
<b>Sr. No.</b>	<b>Particulars</b>	<b>As Approved by Commission</b>	<b>As per Audited Accounts</b>	<b>Deviation</b>
I	Net Annual Revenue Requirement	571.65	550.75	20.90
II	Revenue from Sale of Power	112.24	106.26	5.98
III	(Gap)/ Surplus (I-II)	459.41	444.49	14.92

3.18.2. Hon'ble Commission is requested to approve the revenue gap for FY 2014-15 as shown in the table above.

#### 4. Annual Performance Review for the FY 2017-18

##### 4.1. Background to FY 2017-18 Tariff Petition

4.1.1. EDA&N MYT Petition for the control period FY 2016-17 to FY 2018-19. FY 2017-18 is the second year of the control period. The ARR for the control period was approved by the Hon'ble Commission vide MYT order Dt. 06<sup>th</sup> April, 2016 along with the tariff for the FY 2017-18. Regulation 8 (1) of the JERC MYT Regulations, 2014 provides as follows:

“The Commission shall undertake a review along with the next Tariff Order of the expenses and revenue approved by the Commission in the Tariff Order. While doing so, the Commission shall consider variations between approvals and revised estimates/actual of sale of electricity, income and expenditure for the relevant year and permit necessary adjustments/ changes in case such variations are for adequate and justifiable reasons. Such an exercise shall be called EDA&N 'Review'. “

In accordance with the above Regulation, EDA&N is filing for Annual Performance Review for the FY 2017-18.



#### 4.2. Approved ARR for the FY 2017-18

##### 4.2.1. Energy Sales

4.2.2. Hon'ble Commission has approved the Energy Sales for the FY 2017-18 in the MYT order Dt. 31.03.2016. EDA&N is not proposing any revision in the energy sales approved by the Hon'ble Commission for the year. Variations if any shall be submitted for consideration of the Hon'ble Commission at the time of True-up for the year. The category wise sales are provided in the table below:

<b>Table - 4.1 Categorywise sales for the FY 2017-18</b>			
<b>Category</b>	<b>As approved by Commission</b>	<b>Review as per Accounts</b>	<b>Deviation</b>
<b>Domestic</b>	<b>140.92</b>	<b>140.92</b>	<b>0.00</b>
<b>Commercial</b>	<b>65.31</b>	<b>65.31</b>	<b>0.00</b>
<b>Industrial</b>	<b>17.35</b>	<b>17.35</b>	<b>0.00</b>
<b>Bulk Supply</b>	<b>31.34</b>	<b>31.34</b>	<b>0.00</b>
<b>Public Lighting</b>	<b>9.53</b>	<b>9.53</b>	<b>0.00</b>
<b>Irrigation Pumps &amp; Agriculture</b>	<b>0.87</b>	<b>0.87</b>	<b>0.00</b>
<b>Total</b>	<b>265.32</b>	<b>265.32</b>	<b>0.00</b>

4.2.3. It is requested to the Hon'ble Commission to approve the sales as submitted in the above table for FY 2017-18.

##### 4.3. Number of consumers

4.3.1. Hon'ble Commission has approved the number of consumers for the FY 2017-18 in the MYT order Dt. 31.03.2016. EDA&N is not proposing any revision in the number of consumers approved by the Hon'ble Commission for the year. Variations if any, shall be submitted for consideration of the Hon'ble Commission at the time of True-up for the year. The category wise number of consumers are provided in the table below:



<b>Table - 4.2 Categorywise No. of Consumers for the FY 2017-18</b>			
<b>Category</b>	<b>As approved by Commission</b>	<b>Review as per Accounts</b>	<b>Deviation</b>
<b>Domestic</b>	<b>110103</b>	<b>110103</b>	<b>0</b>
<b>Commercial</b>	<b>19416</b>	<b>19416</b>	<b>0</b>
<b>Industrial</b>	<b>575</b>	<b>575</b>	<b>0</b>
<b>Bulk Supply</b>	<b>66</b>	<b>66</b>	<b>0</b>
<b>Public Lighting</b>	<b>697</b>	<b>697</b>	<b>0</b>
<b>Irrigation Pumps &amp; Agriculture</b>	<b>270</b>	<b>270</b>	<b>0</b>
<b>Total</b>	<b>131127</b>	<b>131127</b>	<b>0</b>

4.3.2. It is requested to the Hon'ble Commission to approve the number of consumers as submitted in the above table for FY 2017-18.

#### 4.4 Connected Load

4.4.1. Hon'ble Commission has approved the connected load for the FY 2017-18 in the MYT order Dt. 31.03.2016. EDA&N is not proposing any revision in the connected load approved by the Hon'ble Commission for the year. Variations if any, shall be submitted for consideration of the Hon'ble Commission at the time of True-up for the year. The category wise connected loads are provided in the table below:

<b>Table - 4.3 Category wise connected load approved for the FY 2017-18</b>			
<b>Category</b>	<b>As approved by Commission</b>	<b>Review as per Accounts</b>	<b>Deviation</b>
<b>Domestic</b>	<b>138672</b>	<b>138672</b>	<b>0</b>
<b>Commercial</b>	<b>49503</b>	<b>49503</b>	<b>0</b>
<b>Industrial</b>	<b>18098</b>	<b>18098</b>	<b>0</b>
<b>Bulk Supply</b>	<b>11273</b>	<b>11273</b>	<b>0</b>
<b>Public Lighting</b>	<b>2699</b>	<b>2699</b>	<b>0</b>
<b>Irrigation Pumps &amp; Agriculture</b>	<b>800</b>	<b>800</b>	<b>0</b>
<b>Total</b>	<b>221045</b>	<b>221045</b>	<b>0</b>



4.4.2. It is requested to the Hon'ble Commission to approve the connected Load as submitted in the above table for FY 2017-18.

#### 4.5. Energy Balance

4.5.1. Hon'ble Commission has approved the Energy Balance and T&D loss for the FY 2017-18 in the MYT order Dt. 31.03.2016. EDA&N is making efforts to restrict the T&D loss for the year to the approved level. The details of the same is provided in the table below:

<b>Table - 4.4 Energy Requirement for the FY 2017-18</b>			
<b>Energy Balance</b>	<b>As approved by Commission</b>	<b>Review as per Accounts</b>	<b>Deviation</b>
<b>ENERGY REQUIREMENT</b>			
<b>Energy Sales</b>			
LT Supply	265.32	265.32	0.00
HT Supply			
<b>Total Energy Sales</b>	<b>265.32</b>	<b>265.32</b>	<b>0.00</b>
<b>Overall T &amp; D Losses %</b>	<b>15.34</b>	<b>15.34</b>	<b>0.00</b>
Overall T & D Losses (MUs)	48.07	48.07	0.00
<b>Total Energy Requirement</b>	<b>313.39</b>	<b>313.39</b>	<b>0.00</b>
<b>Power Purchase</b>	190.00	187.36	2.64
Own Generation	135.80	126.04	9.76
<b>Total Energy Availability</b>	<b>325.80</b>	<b>313.39</b>	<b>12.41</b>
<b>ENERGY SURPLUS/(GAP)</b>	<b>-12.41</b>	<b>0.00</b>	<b>-12.41</b>

4.5.2. EDA&N requests the Hon'ble Commission to approve the Energy Balance and T&D Loss as submitted above for FY 2017-18.



<b>Table - 4.5 T&amp;D Loss for the FY 2017-18</b>			
<b>Particulars</b>	<b>As approved by Commission</b>	<b>Review as per Accounts</b>	<b>Deviation</b>
<b>T&amp;D Losses</b>	<b>15.34%</b>	<b>15.34%</b>	<b>0.00%</b>

#### 4.6. Cost of fuel

4.6.1. The energy requirement of EDA&N is met from own generation. There is no availability of power from Central Generating Stations or from other sources/ open market/ power exchanges etc.

4.6.2. Hon'ble Commission has approved the Fuel Cost for the FY 2017-18 in the MYT order Dt. 06.04.2016. EDA&N is not proposing any revision in the approved fuel cost. Variations if any shall be submitted for the consideration of the Hon'ble Commission at the time of True-up. The details of fuel cost for the year is provided in the table below:

<b>Table - 4.6 Fuel Cost for the FY 2017-18</b>				
<b>(Rs. in crores)</b>				
<b>Sr. No</b>	<b>Particulars</b>	<b>As approved by Commission</b>	<b>Review as per Accounts</b>	<b>Deviation</b>
1	2	3	4	5
1	Cost of Fuel	132.35	132.35	0.00
	<b>Total</b>	<b>132.35</b>	<b>132.35</b>	

4.6.3. The Hon'ble Commission is requested to approve the fuel cost as submitted above for FY 2017-18

#### 4.7 Cost of Power Purchase

4.7.1 EDA&N has also procured power from IPP and other generators. EDA&N is not proposing any revision in the approved power purchase cost. Variations if any shall be submitted for the consideration of the Hon'ble Commission at the time of True-up. The details of fuel cost for the year is provided in the table below:



<b>Table - 4.7 Power Purchase Expenses for the FY 2017-18</b>				
<b>(Rs. in crores)</b>				
<b>Sr. No</b>	<b>Particulars</b>	<b>As approved by Commission</b>	<b>Review as per Accounts</b>	<b>Deviation</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
1	Power Purchase Cost	216.72	216.72	0.00
	<b>Total</b>	<b>216.72</b>	<b>216.72</b>	

#### 4.8. GFA, Capitalisation & Depreciation

4.8.1. GFA: Hon'ble Commission has approved the GFA for the FY 2017-18 in the MYT order Dt. 31.03.2016. EDA&N does not propose any revision in GFA figures for FY 2017-18.

Rs. In Crore

<b>Table - 4.7.1 Gross Fixed Asset for FY 2017-18</b>				
<b>SL. No.</b>	<b>Particulars</b>	<b>Opening Assets</b>	<b>Additions</b>	<b>Assets at End</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
1	Plant & Machinery	142.10	15.83	157.93
2	Buildings	51.99	5.50	57.49
3	Vehicles	6.30	0.00	6.30
4	Furniture & Fixture	2.77	0.00	2.77
5	Computer	1.37	0.25	1.62
	<b>Total</b>	<b>204.53</b>	<b>21.58</b>	<b>226.11</b>

4.8.2. As there is no proposed revision in the GFA estimates, the depreciation as approved by the Hon'ble Commission for the FY 2017-18 is also proposed to be same. However, EDA&N shall submit the actual GFA along with justification after audited accounts are available for the consideration of the Hon'ble Commission at the time of true-up. The following table shows the depreciation approved by the Hon'ble Commission for FY 2017-18.





<b>Table - 4.8 Depreciation for the FY 2017-18</b>				
<b>(Rs. in crores)</b>				
<b>Sr. No</b>	<b>Particulars</b>	<b>As approved by Commission</b>	<b>Review as per Accounts</b>	<b>Deviation</b>
1	2	3	4	5
1	Depreciation	10.75	10.75	0.00
	<b>Total</b>	<b>10.75</b>	<b>10.75</b>	

4.8.3. EDA&N requests the Hon'ble Commission to kindly approve the same for APR for FY 2017-18.

#### 4.9. Operation & Maintenance expenses

4.9.1. Operation & Maintenance Expenses consists of three elements viz Employee Expenses, A&G Expense and R&M Expense:

- Employee expenses comprise of salaries, dearness allowance, bonus, terminal benefits in the form of pension & gratuity, leave encashment and staff welfare expenses
- Administrative expenses mainly comprise of rents, telephone and other communication expenses, professional charges, conveyance and travelling allowances and other debits.
- Repairs and Maintenance Expenses go towards the day to day upkeep of the distribution network of the Company and form an integral part of the Company's efforts towards reliable and quality power supply as well as in the reduction of losses in the system.

#### 4.9.2. Employee Expenses

4.9.2.1. The Hon'ble Commission has approved the Employee cost for the FY 2017-18 based on the approved norms. Regulation 21.1 of the MYT Regulations, 2014 states as follows:



“Employee cost shall be computed as per the approved norm escalated by wholesale price index (WPI), adjusted by provisions for expenses beyond the control of the Distribution Licensee and one time expected expenses, such as recovery/adjustment of terminal benefits, implications of pay commission, arrears and Interim Relief.....”

4.9.2.2. Hon’ble Commission did not approve the employee cost as projected by the department. EDA&N is submitting the revised estimates of employee cost for the FY 2017-18 based on actual expenses for the 1<sup>st</sup> half of the FY. The cost as approved by the Commission & revised estimates for the FY 2017-18 is given below:

<b>Table - 4.9 Employee Expenses for the FY 2017-18</b>				
<b>(Rs. in crores)</b>				
<b>Sr. No</b>	<b>Particulars</b>	<b>As approved by Commission</b>	<b>Review as per Accounts</b>	<b>Deviation</b>
1	2	3	4	5
1	<b>Employee Cost</b>	55.61	84.81	-29.20
	<b>Total</b>	<b>55.61</b>	<b>84.81</b>	

4.9.2.3. EDA&N requests the Hon’ble Commission to kindly approve the same for APR for FY 2017-18.

#### 4.9.3. **Repair & Maintenance Expenses**

4.9.3.1. The Hon’ble Commission has approved the Repair & Maintenance Expenses for the FY 2017-18 based on the approved norms. Regulation 21.2 of the MYT Regulations, 2014 states as follows:

“Repairs and Maintenance Expenses Repairs and Maintenance (R&M) expenses shall be calculated as percentage (as per the norm defined) of Opening Gross Fixed Assets for the year.....”

4.9.3.2. EDA&N is submitting the revised estimates of employee cost for the FY 2017-18 based on actual expenses for the 1<sup>st</sup> half of the FY. The cost as approved by the Commission & revised estimates for the FY 2017-18 is given below:



<b>Table - 4.10 R&amp;M Expenses for the FY 2017-18</b>				
<b>(Rs. in crores)</b>				
Sr. No	Particulars	As approved by Commission	Review as per Accounts	Deviation
1	2	3	4	5
1	Repair & Maintenance Cost	41.31	21.65	19.66
	<b>Total</b>	<b>41.31</b>	<b>21.65</b>	

4.9.3.3. EDA&N requests the Hon'ble Commission to kindly approve the same for APR for FY 2017-18.

#### 4.9.4. Administrative & General Expenses

4.9.4.1. The Hon'ble Commission has approved the Administrative & General Expenses for the FY 2017-18 based on the approved norms. Regulation 21.3 of the MYT Regulations, 2014 states as follows:

“A&G expenses shall be computed as per the norm escalated by wholesale price index (WPI) and adjusted by provisions for confirmed initiatives (IT etc. initiatives as proposed by the Distribution Licensee and validated by the Commission) or other expected one-time expenses, and shall be governed by following formula.....”

4.9.4.2. Hon'ble Commission did not approve the Administrative & General Expenses as projected by the department. EDA&N is submitting the revised estimates of Administrative & General Expenses for the FY 2017-18 based on actual expenses for the 1<sup>st</sup> half of the FY. The cost as approved by the Commission & revised estimates for the FY 2017-18 is given below:

<b>Table - 4.11 A&amp;G Expenses for the FY 2017-18</b>				
<b>(Rs. in crores)</b>				
Sr. No	Particulars	As approved by Commission	Review as per Accounts	Deviation
1	2	3	4	5
1	Administration & General Expenses	1.83	16.42	-14.59
	<b>Total</b>	<b>1.83</b>	<b>16.42</b>	



4.9.4.3. EDA&N requests the Hon'ble Commission to kindly approve the same for APR for FY 2017-18.

4.9.5.1. EDA&N requests the Hon'ble Commission to kindly approve the same for APR for FY 2017-18.

#### 4.10. Interest & Finance charges

4.10.1. The EDA&N being a Government Department, the entire capital employed till date has been funded through equity infusion by the Central Government through budgetary support without any external borrowings. The interest on debt/loan has been approved by the Hon'ble Commission for the FY 2017-18 considering debt to be 70% of GFA. Regulation 24 of the MYT Regulations, 2014 provides as follows:

- a) Actual loan or normative loan, if any, shall be referred as gross normative loan in this Regulation.
- b) The normative loan outstanding as of 1st April of Control Period shall be computed by deducting the cumulative repayment as approved by the Commission (basis as mentioned below) up to 31st March of current period (a year before control period) from the gross normative loan.....”

4.10.2. EDA&N submit that it is not proposing any revision in the figures as approved by the Hon'ble Commission for the FY 2017-18. However, it is submitted that since the Interest charges are based on the GFA, EDA&N shall submit the revised figures at the time of True-up when audited GFA is available for the consideration of the Hon'ble Commission at the time of true-up. The cost as approved by the Commission for the FY 2017-18 is given below:

<b>Table - 4.12 Interest and Finance Charges for the FY 2017-18</b>				
<b>(Rs. in crores)</b>				
<b>Sr. No</b>	<b>Particulars</b>	<b>As approved by Commission</b>	<b>Review as per Accounts</b>	<b>Deviation</b>
1	2	3	4	5
1	Interest and Finance Charge	18.80	18.80	0.00
	<b>Total</b>	<b>18.80</b>	<b>18.80</b>	



4.10.3. EDA&N requests the Hon'ble Commission to kindly approve the same for APR for FY 2017-18.

#### 4.11. Interest on Working Capital

4.11.1. The Hon'ble Commission has approved the Interest on Working Capital for the FY 2017-18 based on the cost parameters approved for MYT Control Period in accordance with the Regulation 25 of the MYT Regulations, 2014 which states as follows:

“Working capital for retail supply activity of the licensee shall consist of:

- i. Receivables of two months of billing
- ii. Less power purchase cost of one month
- iii. Less consumer security deposit but excluding Bank Guarantee/Fixed Deposit Receipt
- iv. Inventory for two months based on annual requirement for previous year.

The rate of interest on working capital shall be equal to the base rate for the State Bank of India on the 1st April of the relevant financial year. The interest on working capital shall be payable on normative basis notwithstanding that the licensee has not taken working capital loan from any outside agency or has exceeded the working capital loan worked out on the normative figures.”

4.11.2. EDA&N submit that it is not proposing any revision in the figures as approved by the Hon'ble Commission for the FY 2017-18. However, it is submitted that since the Interest on Working Capital are based on the cost parameters approved for MYT Control Period, EDA&N shall submit the revised figures at the time of True-up when audited costs are available for the consideration of the Hon'ble Commission at the time of true-up. The cost as approved by the Commission for the FY 2017-18 is given below:

<b>Table - 4.13 Interest on Working Capital for the FY 2017-18</b>				
<b>(Rs. in crores)</b>				
<b>Sr. No</b>	<b>Particulars</b>	<b>As approved by Commission</b>	<b>Review as per Accounts</b>	<b>Deviation</b>
1	2	3	4	5
1	Interest on Working Capital	4.89	5.53	-0.64
	<b>Total</b>	<b>4.89</b>	<b>5.53</b>	



4.11.3. EDA&N requests the Hon'ble Commission to kindly approve the same for APR for FY 2017-18.

#### 4.12. Interest on Security deposits

4.12.1. Hon'ble Commission has not approved Interest on Security deposits for the FY 2017-18 in the MYT order Dt. 06.04.2016.

4.12.2. However, it is submitted that details of Interest on Security deposits if any for the period shall be submitted at the time of true-up.

#### 4.13. Return on Capital base/Net Fixed Assets

4.13.1. The Commission has considered 30% of the approved opening capital base of FY 2017-18 as the opening equity base of FY 2017-18. The Commission has considered addition to equity at 30% of the capitalization. Accordingly, Return on Equity has been calculated/approved in the MYT order Dt. 31.03.2016.

4.13.2. EDA&N submit that it is not proposing any revision in the figures as approved by the Hon'ble Commission for the FY 2017-18. However, it is submitted that, since the Return on Equity calculation is based on the GFA/capital base, EDA&N shall submit the revised figures when audited GFA/capital base is available for the consideration of the Hon'ble Commission at the time of true-up. The RoE as approved by the Commission for the FY 2017-18 is given below:

<b>Table - 4.14 Return on Equity for the FY 2017-18</b>				
<b>(Rs. in crores)</b>				
<b>Sr. No</b>	<b>Particulars</b>	<b>As approved by Commission</b>	<b>Review as per Accounts</b>	<b>Deviation</b>
1	2	3	4	5
1	Return on Equity	10.34	10.34	0.00
	<b>Total</b>	<b>10.34</b>	<b>10.34</b>	

4.13.3. EDA&N requests the Hon'ble Commission to kindly approve the same for APR for FY 2017-18.



#### 4.14. Provision for Bad & Doubtful Debts

4.14.1. Hon'ble Commission has not approved any provision for Bad & Doubtful Debts in the MYT order Dt. 06.04.2016. Regulation 32 of the MYT Regulations, 2016 provides as follows:

“Bad and Doubtful Debt of the MYT Regulations Bad and doubtful debt shall be limited to 1% of the receivables in the true-up, subject to the condition that amount of bad and doubtful debt is actually written-off in the licensee's books of accounts.”

As per the above Regulations, the bad and doubtful debts have to be reviewed at the true-up stage only; therefore EDA&N shall submit the claim towards bad and doubtful debts when audited figures are available for the consideration of the Hon'ble Commission at the time of true-up.

#### 4.15. Non-Tariff Income

4.15.1. Hon'ble Commission has approved the Non-Tariff Income for the FY 2017-18 in the MYT order Dt. 31.03.2016. EDA&N is submitting the revised estimates of Non-Tariff Income for the FY 2017-18 for consideration & approval of the Hon'ble Commission. The NTI as approved by the Commission & revised estimates for the FY 2017-18 is given below:

<b>Table - 4.15 Non Tariff Income for the FY 2017-18</b>				
<b>(Rs. in crores)</b>				
<b>Sr. No</b>	<b>Particulars</b>	<b>As approved by Commission</b>	<b>Review as per Accounts</b>	<b>Deviation</b>
1	2	3	4	5
1	Non Tariff Income	2.67	1.53	1.14
	<b>Total</b>	<b>2.67</b>	<b>1.53</b>	

4.15.2. EDA&N requests the Hon'ble Commission to kindly approve the same for APR for FY 2017-18.



#### 4.16. Aggregate Revenue Requirement

4.16.1. The Aggregate Revenue Requirement for FY 2017-18 as approved by the Hon'ble Commission and the calculation for Aggregate Revenue Requirement on the basis of revised estimates for FY 2017-18 is shown below:

<b>Table - 4.16 Review of ARR for FY 2017-18</b>				
(in Rs. Crores)				
Sr. No	Particulars	As approved by Commission	Review as per Accounts	Deviation
1	2	3	4	5
1	Cost of fuel	132.35	132.35	0.00
2	Cost of power purchase	216.72	216.72	0.00
3	Employee costs	55.61	84.81	-29.20
4	R&M expenses	41.31	21.65	19.66
5	Administration and general expenses	1.83	16.42	-14.59
6	Depreciation	10.75	10.75	0.00
7	Interest & Finance Charges	18.80	18.80	0.00
8	Interest on working Capital	4.89	5.53	-0.64
9	Return on NFA /Equity	10.34	10.34	0.00
10	Provision for Bad Debit	0.00	0.00	0.00
11	Total revenue requirement	492.60	517.37	-24.77
12	Less: non tariff income	2.67	1.53	1.14
13	Net revenue requirement (10-11)	489.93	515.83	-25.90
14	Revenue from tariff	135.25	148.47	-13.22
15	Gap	354.68	367.36	-12.68
16	Gap for -----			
17	<b>Total gap (14+15)</b>	<b>354.68</b>	<b>367.36</b>	<b>-12.68</b>

4.16.2. EDA&N requests the Hon'ble Commission to kindly approve the same for APR for FY 2017-18.





#### 4.17. Revenue from sale of Power at Existing Tariff

4.17.1. The revised estimate of Revenue from Tariff for FY 2017-18 is provided in the table below:

<b>Table - 4.17 Revenue from Existing Tariff</b>		
<b>2017-18</b>		
<b>Sr. No</b>	<b>Particular</b>	<b>At Existing Tariff (Rs. Crores)</b>
<b>1</b>	<b>2</b>	<b>3</b>
<b>1</b>	<b>Total Revenue</b>	<b>148.47</b>

4.17.2. EDA&N requests the Hon'ble Commission to kindly approve the same for APR for FY 2017-18.

#### 4.18. Revenue Gap for FY 2017-18

4.18.1. The Revenue Gap as calculated on the basis of the APR for the FY 2017-18 is shown in the table below:

Rs. In Crore

<b>Table - 4.18 Revenue Gap at Existing Tariff FY 2017-18</b>		
<b>Sr. No.</b>	<b>Particulars</b>	<b>Revised Estimate</b>
I	Net Annual Revenue Requirement	515.20
II	Revenue from Sale of Power	148.47
III	(Gap)/ Surplus (I-II)	366.73

4.18.2. EDA&N requests the Hon'ble Commission to kindly approve the same for APR for FY 2017-18.

#### 5. Tariff Proposal for the FY 2018-19

##### 5.1. Background of the Tariff Proposal

The Hon'ble Commission has already approved the ARR for the FY 2018-19 along with other parameters in the MYT order dated 06.04.2016. EDA&N is filing the instant petition for approval of the Tariff for the FY 2018-19 based on the approved ARR & other parameters.



5.1.1. This chapter summarizes the ARR approved by the Hon'ble Commission for the FY 2018-19, Revenue from existing tariff, Revenue Gap, and proposed tariff.

**5.2. ARR approved for the FY 2018-19**

5.2.1. The Annual Revenue Requirement approved by the Hon'ble Commission for the FY 2018-19 is provided in the table below:

<b>Table - 5.1 Aggregate Revenue Requirement</b>		
(in Rs. Crores)		
Sr. No	Particulars	FY 2018-19
1	2	3
1	Cost of fuel	142.87
2	Cost of power purchase	216.72
3	Employee costs	54.94
4	R&M expenses	41.31
5	Administration and general expenses	1.91
6	Depreciation	11.73
7	Interest and Finance charges	19.21
8	Interest on working capital	5.00
9	Return on NFA /Equity	11.30
10	Provision for Bad Debit	0.00
11	Total revenue requirement	504.99
12	Less: non tariff income	2.73
13	Net revenue requirement (10-11)	502.26
14	Revenue from tariff	177.53
15	Gap	324.73
16	Gap for -----	0.00
17	Total gap (14+15)	324.73
18	Revenue surplus carried over	0.00
19	Additional revenue from proposed tariff	15.67
20	Regulatory asset	0.00
21	Energy sales (MU)	278.87



### 5.2.2. Average cost of supply

Average cost of supply based on the approved ARR & sales is provided in the table below:

<b>Table - 5.2 Average cost of supply for FY 2018-19</b>		
(in Rs. Crores)		
<b>Sr. No.</b>	<b>Particulars</b>	<b>FY 2017-18</b>
<b>1</b>	<b>2</b>	<b>3</b>
1	Net revenue requirement	502.26
2	Energy sales (MU)	278.87
3	Average cost of supply/unit	18.01

### 5.2.3. Revenue at existing Tariff for the FY 2018-19

#### 5.2.3.1. Approved sales for the FY 2018-19

The Hon'ble Commission has already approved category wise sales for the FY 2018-19 in the MYT order Dt 06.04.2016. The details of approved sales are provided in the table below:

<b>Table - 5.3 Approved Sales</b>		
<b>2018-19</b>		
<b>SL. No.</b>	<b>Category</b>	<b>Sales (MU's)</b>
<b>1</b>	<b>2</b>	<b>3</b>
1	Domestic	150.56
2	Commercial	39.11
3	Government Connection	27.88
4	Industry	18.93
5	Bulk	31.82
6	Public Lighting	9.70
7	Irrigation Pumps & Agriculture	0.87
	Total =====>	<b>278.87</b>



5.2.3.2. **Revenue at Existing tariff for the FY 2018-19**

On the basis of the approved sales for the FY 2018-19 and existing tariff, the revenue for the FY 2018-19 at existing tariff is provided in the table below:

<b>Table No - 5.3.1 Revenue from Existing Tariff</b>				
<b>2018-19</b>				
<b>SL. No.</b>	<b>Category</b>	<b>Sales (MU's)</b>	<b>Average Billing Rate (Rs. /unit)</b>	<b>At Existing Tariff (Rs. Crores)</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
1	Domestic	150.56	4.15	62.42
2	Commercial	39.11	8.74	34.17
3	Government Connection	27.88	9.47	26.41
4	Industry	18.93	6.77	12.81
5	Bulk	31.82	11.30	35.96
6	Public Lighting	9.70	5.80	5.63
7	Irrigation Pumps & Agriculture	0.87	1.60	0.14
	<b>Total =====&gt;</b>	<b>278.87</b>		<b>177.53</b>

5.3. **Revenue Gap at existing tariff for FY 2018-19**

The Revenue Gap calculated based on the approved ARR and Revenue at existing tariff for the FY 2018-19 is shown in the table below:

<b>Table - 5.4 Revenue Gap</b>		
<b>(in Rs. Crores)</b>		
<b>Sr. No.</b>	<b>Particulars</b>	<b>FY 2018-19</b>
<b>1</b>	<b>2</b>	<b>3</b>
1	Net Revenue Requirement	502.26
2	Revenue from Retail Sales at Existing Tariff	177.53
3	Net Gap (1-2)	324.73



#### 5.4. Recovery of Revenue Gap

The estimated gap in the FY 2018-19 has been computed by deducting the Revenue at Existing Tariff from the net ARR. EDA&N has projected gap for the FY 2018-19 at Rs. 324.73 Crores as detailed EDA&N in the table above.

#### 5.5. Proposed Tariff

Tariff is a sensitive subject having substantial impact on social, economic and financial well-being of the public at large as well as the viability and growth of power sector. EDA&N proposes to recover a part of the gap through hike in tariff as recovery of the total gap would result in huge burden on the consumers. The proposed tariff for recovery of the gap is detailed EDA&N in the subsequent section.

The basic requirement of any Tariff proposal is that it has to be transparent and justifiable against various policy guidelines and the framework evolved by the JERC and various SERCs. The Cost of supply computes to Rs. 18.01 per unit. Average revenue per unit at existing tariff is Rs. 6.37 thus; there is gap of Rs. 11.64 per unit.

It is submitted that over 95% of power is generated from Diesel based generating stations. There is no other source of energy. Major component of cost of supply is cost of HSD and Lubricants. The above factors, apart from general rise in prices have necessitated the increase in tariff. However, in this Tariff proposal only partial recovery of cost is proposed. At the proposed tariff only 39.30% of the Annual Revenue requirement would be recovered.

Considering the above, the tariff proposal for FY 2018-19 for individual categories is given below along with the comparison of existing and proposed energy charges.



Table - 5.5 Energy Charge Existing v/s Proposed Tariff		
Category	Energy Charge (Rs./Kwh)	
	Existing	Proposed
Domestic Connection		
Upto 100	2.05	2.05
101 to 200	4.40	4.50
201 & 500	6.30	6.60
501 & above	6.30	6.95
Commercial		
Upto 200	6.65	7.00
201 to 500	8.30	9.35
501 to 1000	9.60	11.30
1001 & above	9.60	11.75
Government Connections		
Upto -500	8.30	8.70
501 & Above	9.60	10.10
1001 & above	9.60	10.60
Industrial		
Upto 200	5.70	5.70
201-500	5.70	6.10
501 to 1000	6.80	7.65
1001 & above	6.80	8.00
Bulk	11.30	12.15
Public Lighting	5.80	6.25
Irrigation, Pumps & Agriculture	1.60	1.65

Based on the tariff proposed above, following is the summary of the revenue from various consumer categories at the proposed tariff, which is being compared with the consumer category-wise revenue at existing tariff:

Table - 5.6 Comparison of Existing Tariff with proposed Tariff					
Consumer Category	Energy Billed MU's	At Existing Tariff		At Proposed Tariff	
		Revenue Rs. Crores	Revenue Billed Rs. per unit	Revenue Rs. Crores	Revenue Billed Rs. per unit
Domestic	150.56	62.42	4.15	64.29	4.27
Commercial	39.11	34.17	8.74	40.07	10.25
Government Connection	27.88	26.41	9.47	28.96	10.39
Industry	18.93	12.81	6.77	15.01	7.93
Bulk	31.82	35.96	11.30	38.66	12.15
Public Lighting	9.70	5.63	5.80	6.06	6.25
Irrigation, Pumps & Agriculture	0.87	0.14	1.60	0.14	1.65
Revenue from Sale of Power	278.87	177.53	6.37	193.20	6.93

#### 5.6 Impact of Tariff on Consumers

The revenue gap and the average tariff hike proposed are presented in the table below:

Table - 5.7 Impact of Tariff Hike				
Sr. No.	Particulars	Units	FY 2018-19	
			Existing	Proposed
1	ARR for FY 2018-19	Rs. Crores	502.26	502.26
2	Revenue for FY 2018-19	Rs. Crores	177.53	197.38
3	Gap (1 -2)	Rs. Crores	324.73	304.88
4	Total Sales	MU's	278.87	278.87
5	Average Cost of Supply ( 1 /4 x 10)	Rs. per kWh	18.01	18.01
6	Average Revenue (2 /4 x 10)	Rs. per kWh	6.37	7.08
7	Pure Gap (5-6)	Rs. per kWh	11.64	10.93
8	Average Hike in Tariff (7 / 6)			0.71
9	Hike in %			11.18%



*True-up for the FY 2014-15  
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Hence, it is submitted that the average tariff required to recover the gap attributable to FY 2018-19 is Rs. 11.64, but keeping in view the resultant burden on the consumers, the proposed hike has been restricted to Rs. 0.71 per unit.

In view of the above, it is prayed to the Hon'ble Commission that considering the submissions in previous sections and price index for the period, the hike in tariff be allowed.





<b>Schedule of Miscellaneous Charges</b>		
<b>Sr. No.</b>	<b>Description</b>	<b>Rate (Rs.)</b>
A	Application processing charges for new connection/ enhancement of load/ reduction of load	
i	Domestic Supply	NIL
ii	Non-Domestic Supply	NIL
iii	Small Power, Medium Supply and Street Lighting Supply	NIL
iv	Large and Bulk Supply	NIL
v	Agriculture Power Supply	NIL
vi	Temporary Metered Supply	NIL
B	Charges for Re-fixing/ Changing of meter/ Meter Board in the same premise on consumer request when no additional material is required. (When the cause leading to subsequent change/ replacement of meter is either manufacturing defect or Department's fault then, it shall be free of cost and further, if shifting of meter is done in the interest of department work then it is free of cost.)	
i	Single Phase Meter	385/-
ii	Three Phase Meter without CT	570/-
C	Meter Inspection & Testing Charges (In case correctness/ accuracy of a meter belonging to the Licensee is challenged by the consumer)	
i	Single Phase	10/-
ii	3-phase whole current i.e. without C.T	25/-
iii	L.T. meter with CTs	25/-
D	Re-sealing charges (irrespective of the number of seals involved against each item below and where seals found to have been broken by the consumer)	
i	Meter cover or Meter Terminal cover (single phase) Push Type	285/-
ii	Meter cover or Meter Terminal cover (single phase) Sintex Type	1530/-
iii	Meter cover or Meter Terminal cover (3- phase) Sintex Type	5030/-



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<b>Sr. No.</b>	<b>Description</b>	<b>Rate (Rs.)</b>
E	Reconnection Charges	
i	Single Phase	25/-
ii	3- Phase	50/-
F	Meter Reading Cards/ Passbook (New/ Replacement)	Free
G	Meter Rentals	
i	Single Phase	15/-
ii	3- Phase	30/-
H	Amount of Security Deposit for new/ extension of load	As per procedure prescribed in clause 6.10 of the JERC Electricity supply code Regulation 2010.
I	Charges recoverable from the consumer when the meter is found damaged / burnt owing to negligence or default on the part of consumer	Three Times the cost of Energy Meter
J	Special Meter reading charges in case of change in occupancy / vacation of premises for domestic consumers	NIL
K	Supply of duplicate copies of Electricity Bills	Free
L	Review of Electricity bills (If the accuracy of licensee's bill is challenged by the consumer and a review of the bills is demanded)	Free