

# NORTHERN POWER DISTRIBUTION COMPANY OF TELANGANA LIMITED

(Distribution & Retail Supply Licensee)



Filing of Tariff Proposals for Retails Supply Business for  
FY 2018-19 along with Cross Subsidy Surcharge & Additional  
Surcharge for Open Access Consumers for the FY 2018-19

December 2017

**BEFORE THE HONOURABLE TELANGANA STATE ELECTRICITY REGULATORY  
COMMISSION**

AT ITS OFFICE AT 5<sup>th</sup> Floor, Singareni Bhavan, Red Hills, Hyderabad - 500 004

FILING NO. \_\_\_\_\_/2017

CASE NO. \_\_\_\_\_/2017

**In the matter of:**

**Filing of the Tariff Applications for Retail Supply Business for FY 2018-19, Cross Subsidy Surcharge and Additional Surcharge for open access consumers for the FY 2018-19 in accordance with the “Telangana Electricity Regulatory Commission (Terms And Conditions For Determination Of Tariff For Wheeling And Retail Sale Of Electricity) Regulation, 2005” by the Northern Power Distribution Company of Telangana Limited (‘TSNPDCL’ or ‘the Company’ or ‘the Licensee’) as the Distribution and Retail Supply Licensee.**

**In the matter of:**

**NORTHERN POWER DISTRIBUTION COMPANY OF TELANGANA LIMITED**

... Applicant

The Applicant respectfully submits as under: -

1. Consequent to the formation of Telangana State on 02-06-2014 as per the Andhra Pradesh Reorganisation Act, 2014, a separate Telangana Electricity Regulation Commission was constituted on 03-11-2014. TSERC vide Telangana Official Gazette has issued its first regulation, Regulation No. 1 of 2014 on 10.12.2014 (Adoption of Previously Subsisting Regulations, Decisions, Directions or Orders, Licenses and Practice of Directions) wherein clause 2 states that:

*“All regulations, decisions, directions or orders, all the licences and practice directions issued by the erstwhile Andhra Pradesh Electricity Regulatory Commission (Regulatory Commission for States of Andhra Pradesh and Telangana) as in existence as on the date of the constitution of the Telangana State Electricity Regulatory Commission and in force, shall*

*mutatis-mutandis apply in relation to the stakeholders in electricity in the State of Telangana including the Commission and shall continue to have effect until duly altered, repealed or amended, any of Regulation by the Commission with effect from the date of notification as per Notification issued by the Government of Telangana in G.O.Ms.No.3 Energy( Budget) Department, dt.26-07-2014 constituting the Commission.”*

2. This filing is made by the **NORTHERN POWER DISTRIBUTION COMPANY OF TELANGANA LIMITED (TSNPDCL)** under Section 61 of the Electricity Act 2003 for determination of the tariff for the Retail Supply Business for the year FY 2018-19.
3. The licensee had filed the Aggregate Revenue Requirement (ARR) for FY 2018-19 on 15<sup>th</sup> Dec17 and also has submitted a prayer to the Hon’ble Commission to allow additional time for filing of Tariff Proposals, True-ups, Cross Subsidy Surcharge and Additional Surcharge Proposals separately. The current petition of the licensee is for Retail Supply Tariff , Cross Subsidy Surcharge and Additional Surcharge for the FY 2018-19.
4. **Revenue Gap at Current Tariffs:** The licensee has projected a sales quantum of 19,249 MU for FY 2018-19. The licensee has estimated the Aggregate Revenue Requirement (ARR) of INR 12,255 Crs for FY 2018-19. The details of revenue at current tariffs and gap thereof for FY 2018-19 is as per the table below.

<b>Revenue Deficit/Surplus (INR crore)</b>	<b>FY 2018-19</b>
Aggregate Revenue Requirement	12,255.40
Revenue from Current Tariffs	6,746.81
Non-Tariff Income	31.34
Revenue from Cross Subsidy Surcharge	-
Revenue from Additional Surcharge	-
<b>Revenue (Deficit)/Surplus at Current Tariffs</b>	<b>(5,477.25)</b>

5. **Retail Supply Tariff Proposals:**

- The licensees humbly submit to the Hon'ble Commission for retaining the tariffs as per the Tariff Order of FY 2017-18, for the ensuing year FY 2018-19

- **Tariff for Electric Vehicle Charging Stations/ Charging Infrastructure/ Battery Swap**

From a background perspective, the transport sector is the largest user of oil and second largest source of CO2 emissions world-wide. Indian transportation sector

accounts for one-third of the total crude oil consumed in the country, where 80% is being consumed by road transportation alone. It also accounts for around 11% of total CO<sub>2</sub> emissions from fuel combustion.

The National Electric Mobility Mission Plan 2020, notified by the Department of Heavy Industry, Ministry of Heavy Industries and Public Enterprises, Government of India seeks to enhance national energy security, mitigate adverse environmental impacts from road transport vehicles and boost domestic manufacturing capabilities for Electric Vehicles (EVs). It is envisaged that EVs are expected to play a significant role in India's transition to a low-carbon eco-system.

As per estimates, based on Total Cost of Ownership (TCO), commercial fleet of cars (taxis) could possibly be among the first adopters of EVs on a large scale followed by private vehicles. TSDiscoms are of the view that the activity of usage of power for Charging Infrastructure/ Battery swap should be recognized as a commercial activity. Considering above, the licensee propose the tariff for this category as per the following

For Electric Vehicle Charging Stations/ Charging Infrastructure/ Battery Swap set up at LT voltage level	Tariff applicable would be as per the LT II (Non-domestic/ commercial) category tariff notified by Hon'ble TSERC in the 2017-18 Tariff Order.
For Electric Vehicle Charging Stations/ Charging Infrastructure/ Battery Swap set up at HT voltage level	Tariff applicable would be as per the HT II - Others category tariff notified by Hon'ble TSERC in the 2017-18 Tariff Order.(for respective voltages)

Licensee will provide supply to Electric Vehicle Charging Stations/ Charging Infrastructure/ Battery Swap as per the above schedule. Charging infrastructure provider is free to setup infrastructure at any location in the area of the licensee and provide services to the end user/ electric vehicle.

#### ▪ **Tariff Proposal for Government LI schemes under HT-IVA**

Based on the data received from Irrigation Department (Government of Telangana), the licensee expects a load of 2,305 MW of major irrigation project – Kaleshwaram would be operational in the ensuing year. The other new Lift Irrigation (LI) schemes

expected to be operational in FY 2018-19 contribute another 208 MW. Hence the projected load from LIS schemes in the ensuing year would be 4,140 MW including existing loads. The projected sales from LI schemes for FY 2018-19 are 5,583 MU.

It may be observed from the above that projected demand from the LI schemes on the grid is substantial. TS Discoms would have to contract adequate quantities of power in advance in order to ensure continued supply of power to LI schemes and all other category of consumers.

TS Discoms have endeavoured to minimize the power purchase through optimal contracting from the market through non-RTC contracts. It may be appreciated that such contracts would still have fixed cost commitment due to non-offtake of power by the discom even in a scenario of reduced demand from the LI schemes when compared to the projected loads.

The above situation has an adverse impact on the financials of the discoms. Further as per the recommendations of the committee constituted by Ministry of Power (MoP) on rationalization of Tariff structures, greater emphasis has been placed on recovery of fixed and variable costs through two part tariff structures. Hence discoms need to enhance the recovery of fixed charges through two part tariff structures which are reflective of the fixed and energy costs commitments of power contracts.

In view of the above, TS Discoms propose the introduction of two-part tariff structure for HT- IV Lift Irrigation schemes as follows

**Current Tariff Structure:**

Energy Charge – INR 6.40/KWh

**Proposed Tariff Structure:**

Demand Charge – INR 390/KVA/month

Energy Charge – INR 4.88/KWh

**Proposed Tariff Conditions –**

Demand Charges would be levied on 80% of Contracted Maximum Demand (CMD) or Recorded Maximum Demand (RMD) for Operational Months – July to November (5 months)

Demand Charges would be levied on 30% of Contracted Maximum Demand (CMD) or Recorded Maximum Demand (RMD) for Non-Operational Months – December to June (7months)

Based on the projected commissioning schedule of loads and energy across months in FY 2018-19, the proposed tariff structure would be revenue neutral. There is no additional revenue at the state level on account of introduction of two part tariff for Government Lift Irrigation Schemes under HT-IV(A).

#### 6. Revenue Gap at proposed Tariffs:

As submitted in previous section, the licensee prays that the Hon'ble Commission may retain the retail supply tariff as per the existing tariff order.

Hence the revenue gap at the proposed tariff for the licensee is as follows –

<b>Revenue Deficit/Surplus (INR crore)</b>	<b>FY 2018-19</b>
Aggregate Revenue Requirement	12,255.40
Revenue from Proposed Tariffs*	6,675.46
Non-Tariff Income	31.34
Revenue from Cross Subsidy Surcharge	-
Revenue from Additional Surcharge	-
<b>Revenue (Deficit)/Surplus at Proposed Tariffs</b>	<b>(5,548.60)</b>

\*There is a decrease in revenue from proposed tariffs when compared to revenue at current tariffs, due to the introduction of 2-part tariff structure for LI schemes by INR 71.35 crores. This difference across the licensees is primarily because of sales and load mix across the licensees. There is no increase due to increase of two-part tariffs at the state level.

**7. Determination of Cross subsidy Surcharge for FY 2018-19**

The licensee has computed the Cross Subsidy Surcharge for FY 2018-19 as per the tariff policy notified by Ministry of Power dated 6<sup>th</sup> Jan 2016.

**8. Determination of Additional Surcharge for FY 2018-19:**

The licensee has made all the necessary arrangements for ensuring un-interrupted supply of power to all categories of consumers including 24 hours power supply to the agricultural consumers, upcoming major LI schemes and also the additional load growth from Industrial consumers through advance planning and by entering into long term power supply agreements. The licensee humbly submits that contracting of power by consumers through open access arrangements would result in stranding of these assets leading to under-recovery of fixed costs.

Hence the licensee prays that the Hon'ble Commission may consider the levy of additional surcharge for open access consumers i.e., surcharge in addition to the charges for wheeling/transmission to meet the fixed cost of the licensee arising out of its obligation to supply as per section 42(4) of the Electricity Act, 2003 which includes the fixed cost commitments of power purchase agreements.

The licensee has followed the methodology adopted by the Hon'ble Commission in computation of additional surcharge as per order dated 13<sup>th</sup> Dec 2017.

**9. Additional Prayers:**

As per the consultation paper floated by Ministry of Power on the issues and challenges faced by Discom due to open access following key concerns has been identified –

**a) Cross Subsidy Surcharge fixation:**

Section 8.3 (2) of the Tariff Policy 2016 specifies that:

*“For achieving the objective that the tariff progressively reflects the cost of supply of electricity, the Appropriate Commission would notify a roadmap such that **tariffs are brought within  $\pm 20\%$  of the average cost of supply**. The road map would also have intermediate milestones, based on the approach of a gradual reduction in cross subsidy”*

The Tariff Policy provides that SERCs should notify a roadmap such that tariffs are in  $\pm 20\%$  of ACoS. The First proviso to para 8.5.1 of Tariff Policy 2016 also specifies that Cross Subsidy Surcharge (CSS) should be capped at 20% of the tariff applicable to the category of the consumers.

The following observation has been noted by the committee.

“It has been observed that some SERCs have implemented only the second point, which can result in lower recovery of CSS by DISCOMs”

The licensee humbly submit that the above situation is prevailing the state of Telangana and this has led to under recovery of CSS by licensee.

In view of the above, the licensee submits that the Hon’ble Commission may suitable guidelines for reduction of cross subsidy surcharge in the state.

#### **b) Levy of Standby Charges:**

Standby arrangements could be required by Open Access consumers to tide over deficits in cases of situations such as outages of generator, transmission assets etc. In such situations the Open Access consumer has to take power from an alternate source e.g. from the DISCOM. The charges for maintaining standby arrangements for such consumers should be reflective of the costs incurred by DISCOMs for providing these support services.

The licensee has procured power for supply of power to consumers in the state. The Open Access consumer during the course of consumption have depended on the supply from licensee for tiding over any supply imbalances which they may face.

Hence the licensee prays that the Hon’ble Commission may fix standby charges after due consideration.



Based on the information available, the Applicant has made sincere efforts to comply with the Regulation of the Hon'ble Commission and discharge its obligations to the best of its abilities. However, should any further material information become available in the near future, the Applicant reserves the right to file such additional information and consequently amend/ revise the application.

This filing has been discussed and approved by the Board of Directors of TSNPDCL and A. Gopal Rao, Chairman and Managing Director of TSNPDCL has been authorised to execute and file the said document on behalf of TSNPDCL. Accordingly, the current filing documents are signed and verified by, and backed by the affidavit of A.Gopal Rao, the Chairman and Managing Director of TSNPDCL.

In the aforesaid facts and circumstances, the Applicant requests that this Hon'ble Commission may be pleased to:

- (a) Take the accompanying Tariff application, additional surcharge and cross subsidy of TSNPDCL on record and treat it as complete;
- (b) Grant suitable opportunity to TSNPDCL within a reasonable time frame to file additional material information that may be subsequently available;
- (c) Consider and approve TSNPDCL's Tariff application including all requested regulatory treatments in the filing;
- (d) Pass such order as the Hon'ble Commission may deem fit and proper in the facts and circumstances of the case

**NORTHERN POWER DISTRIBUTION COMPANY OF TELANGANA LIMITED  
(APPLICANT)**

Through

Place: Warangal  
Dated: 21-12-2017

  
CHAIRMAN AND MANAGING DIRECTOR

**Chairman & Managing Director  
TSNPDCL / WARANGAL**

**BEFORE THE HONOURABLE TELANGANA STATE ELECTRICITY REGULATORY  
COMMISSION**

AT ITS OFFICE AT 5<sup>th</sup> Floor, Singareni Bhavan, Red Hills, Hyderabad - 500 004

**FILING NO.**\_\_\_\_\_/2017

**CASE NO.** \_\_\_\_/2017

In the matter of:

**Filing of the tariff applications for retail supply business for FY 2018-19 and additional surcharge for open access consumers for the year 2018-19 in accordance with the “Telangana Electricity Regulatory Commission (Terms And Conditions For Determination Of Tariff For Wheeling And Retail Sale Of Electricity) Regulation, 2005” by the NORTHERN POWER DISTRIBUTION COMPANY OF TELANGANA LIMITED (‘TSNPDCL’ or ‘the Company’ or ‘the Licensee’) as the Distribution and Retail Supply Licensee.**

In the matter of:

**NORTHERN POWER DISTRIBUTION COMPANY OF TELANGANA LIMITED**

... Applicant

**AFFIDAVIT OF APPLICANT VERIFYING THE APPLICATION ACCOMPANYING  
FILING AS PER TERMS AND CONDITIONS OF TARIFF FOR WHEELING AND  
RETAIL SALE OF ELECTRICITY**

I, Sri. A. Gopal Rao, son of Sri A. Chalapathi Rao, working for gain at the Northern Power Distribution Company of Telangana Limited do solemnly affirm and say as follows:

- 1 I am the Chairman and Managing Director of TSNPDCL, the Licensee that has, vide the Hon’ble Commission’s approval in proceedings No. APERC/Secy/Engg/No.6 dt.31.3.2000, been granted the distribution and retail supply functions that Transco was authorised to conduct or carry out under the Act and the license, with respect to the business of distribution and retail supply of electricity in the Northern distribution zone in Telangana. On December 27, 2000, the Hon’ble Commission has awarded a Distribution and Retail Supply License to TSNPDCL effected from April 1, 2001. I am competent and duly authorised by TSNPDCL to affirm, swear, execute and file this affidavit in the present proceedings.

- 2 As such, I submit that I have been duly authorised by the Board of Directors of TSNPDCL to submit the application, as per Terms and Conditions of Tariff for Wheeling and Retail Sale of Electricity (Regulation 4 of 2005) of TSNPDCL for the FY 2018-19 to Hon'ble Commission.
- 3 I submit that I have read and understood the contents of the appended application of TSNPDCL. The facts stated in the application are true to the best of my knowledge, which are derived from the official records made available and certain facts stated are based on information and advice which, I believe to be true and correct.
- 4 I submit that for the reasons, and facts stated in the appended application this Applicant pray that the Hon'ble Commission may be pleased to
- (a) Take the accompanying Tariff application, additional surcharge and cross subsidy of TSNPDCL on record and treat it as complete;
  - (b) Grant suitable opportunity to TSNPDCL within a reasonable time frame to file additional material information that may be subsequently available;
  - (c) Consider and approve TSNPDCL's Tariff application including all requested regulatory treatments in the filing;
  - (d) Pass such order as the Hon'ble Commission may deem fit and proper in the facts and circumstances of the case.

  
DEPONENT

**Chairman & Managing Director**  
**TSNPDCL / WARANGAL**

**VERIFICATION:**

I, the above named Deponent solemnly affirm at Hyderabad on this 21<sup>st</sup> day of December, 2017 that the contents of the above affidavit are true to my knowledge, no part of it is false and nothing material has been concealed there from.

  
DEPONENT

**Chairman & Managing Director**  
**TSNPDCL / WARANGAL**

Solemnly affirmed and signed before me.



**K. VENKATESHAM**  
Company Secretary (GR-II)  
Northern Power Distribution Company of  
Telangana Limited  
Registered Office & Corporate Office,  
Vidyuth Bhavan, Warangal - 506001.

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1. REVENUE PROJECTIONS

The computation of revenue from sale of power for the current year 2017-18 and ensuing year 2018-19 for each customer category has been carried out as per the “Guidelines for Tariff Filing – Retail Supply of Electricity” issued by the Hon’ble Commission. It is carried out as follows:

Revenue from Tariffs =

Energy Estimate (KWH or KVAH as applicable) * Approved Energy Charges .....	(a)
+ Demand Estimate * Approved Demand Charges .....	(b)
+ Incremental Revenue on account of Monthly Minimum Charges ('MMC') .....	(c)
+ Customer Charges .....	(d)
+ Time of Day Charges .....	(e)
- Time of Day Charges (Incentive) .....	(f)
+ Other Charges .....	(g)

Energy charges: For customer categories having telescopic energy tariffs, the energy estimates have been apportioned into the slabs and then have been multiplied with the corresponding slab tariff. The apportionment has been based on the historical break up of telescopic consumption into the various slabs as captured in the billing information database. As per the Tariff Order of current year, the KVAH based billing system is being implemented for all HT consumers (except RESCO) and LT consumers who are provided with Tri-vector meters.

Demand/Fixed Charges: The estimate of demand has been made in “HP” or in “MVA” as the case maybe. Specifically, in the case of the HT-I Industrial, HT –II Others, HT-III Railway Stations, Bus Stations and Airports, HT-V Railway Traction and HT-VI Townships & Colonies categories, billing demand has been assumed to 80% of contracted maximum demand.

Monthly Minimum charges (MMC): The ‘incremental’ revenue due to MMC for each category is the difference between Cost of units recorded and computed units billed at the relevant tariff in respect of HT categories. In respect of LT categories, it is the difference between the cost of unit and monthly minimum charges notified in the tariff order.

Customer Charges: The customer charges are estimated by multiplying the customer charges rate with the number of consumers including the expected release of new consumers.

Time of Day Tariff: The Time of Day Tariff in addition to the normal energy charges for HT-I, HT-II & HT-III categories during the peak hours of 6:00PM to 10:00PM and 6:00AM to 10:00AM. Similarly, a reduction in tariff of (incentive) to the normal energy charges at respective voltages is applicable during the night time i.e. from 10:00 pm to 06:00 am.

Time of Day Tariff (Incentive): The Time of Day Tariff (Incentive) a reduction in tariff of to the normal energy charges at respective voltages is applicable during the night time i.e. from 10:00 pm to 06:00 am.

Other Charges: These are the charges other than the above charges. There are no “other charges” for current year 2017-18 and ensuing year 2018-19.

Based on the sales forecast made in the earlier paragraphs, the Revenue from Sale of Power is computed as per respective tariffs and actual proportions of sales in each slab under different categories in LT and voltage-wise sales in HT.

## 1.1 Revenue at Current Tariff

### 1.1.1 Revenue from Sale of Power at Current Tariff

Revenue from sale of power with current Tariffs is arrived at Rs. 4,230 Cr. and 6,747 Cr. for 2017-18 and 2018-19 respectively. The Category-wise Energy charges, Fixed charges / Demand charges and Customer charges for years 2017-18 and 2018-19 are provided in the table below.

A. Revenue from Sale of Power for FY 2017-18:

2017-18						
Revenue from Current Tariffs						
Consumer Category	Energy	Energy Charges	Demand / Fixed Charges	MMC	Customer Charges	Total Charges
	MU	Rs. In Crores				
LT						
Domestic Supply : Cat. I	2,976.77	904.97	-	4.90	125.26	1,035.13
Non-Domestic Supply : Cat. II	632.57	564.94	37.69	1.61	19.35	623.58
Industrial Supply : Cat. III	259.15	170.89	32.97	-	5.79	209.65
Cottage Industries : Cat. IV	7.67	3.07	0.28	-	0.27	3.61
Irrigation & Agriculture : Cat. V	6,186.49	0.01	0.01	-	39.38	39.40
Public Lighting : Cat. VI	300.26	167.57	6.57	-	3.15	177.28
General Purpose : Cat. VII	44.33	31.33	0.95	0.08	1.50	33.86
Temporary Supply : Cat. VIII						
TOTAL 'LOW TENSION'	10,407.24	1,842.77	78.46	6.59	194.70	2,122.52
HT						
Industrial Segregated : Cat. I	1,502.90	927.30	188.98	-	3.29	1,119.57
Others : Cat. II	140.79	109.10	38.67	-	0.81	148.59
Airport, Bus & Railway Stations: Cat.III	7.58	5.70	0.98	-	0.03	6.71
Irrigation & Agriculture : Cat. IV	647.95	393.88	-	-	0.64	394.53
Railway Traction : Cat. VA	396.98	215.59	31.89	-	0.04	247.52
Colony Lighting Cat. VI	161.92	102.01	2.38	-	0.06	104.45
Electric Co-Op Societies	862.63	86.26	-	-	-	86.26
Temporary	-					-
TOTAL 'HIGH TENSION'	3,720.76	1,839.86	262.90	-	4.87	2,107.62
TOTAL (LT + HT)	14,128.00	3,682.62	341.36	6.59	199.57	4,230.15

B. Revenue from Sale of Power at Current Tariffs for FY 2018-19

2018-19						
Revenue from Current Tariffs						
Consumer Category	Energy	Energy Charges	Demand / Fixed Charges	MMC	Customer Charges	Total Charges
	MU	Rs. In Crores				
LT						
Domestic Supply : Cat. I	3,194.61	971.19	-	4.90	129.48	1,105.57
Non-Domestic Supply : Cat. II	682.10	609.17	39.36	1.61	20.23	670.37
Industrial Supply : Cat. III	264.33	174.30	33.84	-	5.95	214.10
Cottage Industries : Cat. IV	7.93	3.17	0.29	-	0.28	3.74
Irrigation & Agriculture : Cat. V	7,087.81	0.01	0.02	-	41.38	41.41
Public Lighting : Cat. VI	317.10	176.41	6.89	-	3.31	186.61
General Purpose : Cat. VII	48.61	34.36	0.98	0.08	1.55	36.97
Temporary Supply : Cat. VIII						
TOTAL 'LOW TENSION'	11,602.49	1,968.61	81.38	6.59	202.17	2,258.75
HT						
Industrial Segregated : Cat. I	1,604.25	992.02	193.13	-	3.62	1,188.76
Others : Cat. II	152.77	118.78	40.92	-	0.90	160.60
Airport, Bus & Railway Stations : Cat. III	7.73	5.83	0.98	-	0.03	6.84
Irrigation & Agriculture : Cat. IV	4,373.95	2,722.05	-	-	0.69	2,722.74
Railway Traction : Cat. VA	368.47	149.23	54.66	-	0.04	203.93
Colony Lighting Cat. VI	167.55	105.55	2.38	-	0.06	107.99
Electric Co-Op Societies	971.90	97.19	-	-	-	97.19
Temporary						
TOTAL 'HIGH TENSION'	7,646.62	4,190.65	292.07	-	5.34	4,488.06
TOTAL (LT + HT)	19,249.11	6,159.26	373.45	6.59	207.51	6,746.81



1.1.2 Non-tariff Income at Current Charges

Particulars	2016-17	2017-18	2018-19
Recoveries from theft of power or malpractices	12.61	-	-
Interest Income from Bank Deposits / Investments etc.	-	-	-
Interest income from staff advances and loans	-	-	-
Power Purchase Rebates earned	5.72	-	-
Securitisation benefits	-		
Miscellaneous / Other Receipts	48.09	30.73	31.34
<b>Total Non-Tariff Income</b>	<b>66.42</b>	<b>30.73</b>	<b>31.34</b>

As per the licensee’s annual accounts for the FY 2016-17, the details of total Non-Tariff Income out of which that has to be treated as Non-Tariff Income for Retail Supply Business are placed hereunder for ready reference.

Non-Tariff Income	2016-17	To be treated as NTI for RSB	
		2017-18	2018-19
<b>Distribution Related Non-Tariff Income</b>			
Deferred Revenue Income	90.93	These are the Distribution related NTI and concedered in the Distribution Business ARR	
Interest on Staff Loans and Advances	0.11		
Income from Investments	11.81		
Interest on Advances to Suppliers/Contractors	-		
Fines/Penalties from Suppliers/Mat Cust.	10.71		
Other Miscellaneous Income	(2.69)		
<b>Total Ditribution Related Non-Tariff Income</b>	<b>110.86</b>	-	-
<b>Retail Supply Related Non-Tariff Income</b>			
Customer Charges	187.44	It was treated as a Tariff Income	
Delayed Payment Charges	81.92	As per Regulatory Accounts, it was excluded from NTI	
Power Purchase Rebates earned	5.72	-	-
Recoveries from theft of power or malpractices	12.61	-	-
PGCIL Income i.e. Reactive income,	-	-	-
Inter Reginol Exchane (IRE) Income & other	-	-	-
Disincentive recovery from GVK, RIL & Spectram IPP	-	-	-
Compensation	-	-	-
Reconnection Fee LT	10.39	10.60	10.81
Reconnection Fee HT	0.30	0.31	0.31
Application Registration Fee	0.78	0.80	0.81
Supervision Charges from customers	1.13	1.15	1.18
Capacitor Charges	5.52	5.63	5.75
Transformer Testing Charges		-	-
Meter Testing / Shifting Charges	0.75	0.76	0.78
Other Miscellaneous Income	29.22	11.48	11.71
<b>Total Retail Supply Related Non-Tariff Income</b>	<b>66.42</b>	<b>30.73</b>	<b>31.34</b>
<b>Total Non-Tariff Income</b>	<b>446.65</b>	<b>30.73</b>	<b>31.34</b>

- Recoveries from Theft of Power:  
 The licensee would like to state that it is not appropriate to include this item in the ARR.  
 This is because the forecasts are made assuming that there will be no theft or



malpractice. The discom has been provided a distribution loss target under the MYT and this is the basis of ARR computation. Any instances of theft or malpractice will have a bearing on the loss target achievement and since that is not subject to true up, revenue from theft and malpractice should not be considered.

➤ Interest Income and other income related to Distribution Business:

The following income heads with an amount of Rs.110.86 Crores, appeared in the annual accounts of licensee for the end of FY 2016-17, which are related to Distribution Business.

- a) Interest on Staff loans and Advances
- b) Income on Investment
- c) Sales of scrap
- d) Registration fee from contractors / or material suppliers
- e) Fines/Penalties from contractors / or material suppliers
- f) Sale of tender schedules
- g) Discounts from vendors
- h) Deferred Revenue Income (for amortization of consumer contribution of assets)

Present filing pertains to Retail Supply Business of the Licensee, hence, the said revenue is not considered as Non Tariff revenue of the Retail Supply Business and it was considered in the filing of Distribution Business and its order.

➤ Power Purchase Rebates:

The power purchase rebates are purely dependent upon cash flows of the licensee and payments of power bills before due dates. In this regard, licensee does not consider the power purchase rebates as Non-Tariff income for the current year and ensuing year.

➤ Miscellaneous / Other Receipts:

Miscellaneous receipts for retail supply business comprise mainly of the following receipts-

- (a) Supervision charges
- (b) Capacitor Surcharge
- (c) Reconnection fees
- (d) Application fees

- (e) Reactive income
- (f) Inter region exchange income and
- (g) Others miscellaneous incomes
- (h) UI income

Miscellaneous receipts for the FY 2016-17 are Rs. 66.42 Crs as per the audited accounts. Projections were made for FY 2017-18 with Rs.30.73 Crs and for FY 2018-19 with Rs.31.34 Crs duly considering reconnection fee, meter testing fee and supervision charges for inspection of services.

1.1.3 Revenue from Cross Subsidy Surcharge( CSS):

The licensee does not project any open access sales for the FY 2017-18 and FY 2018-19. Hence, Revenue from Cross Subsidy Surcharges of the TSNPDCL for the current year 2017-18 and ensuing year 2018-19 are nil.

1.1.4 Revenue from Additional Surcharge:

The licensee does not project any open access sales for the FY 2017-18 and FY 2018-19. Hence, Revenue from Additional Surcharges of the TSNPDCL for the current year 2017-18 and ensuing year 2018-19 are nil.

1.1.5 Total Revenue at Current Tariff:

From the foregoing paragraphs the total revenue of the Discom is arrived at Rs.4,261 Cr. for 2017-18 and Rs.6,778 Cr. for 2018-19.

Details (Rs. Cr.)	FY 2017-18	FY 2018-19
Revenue from Tariff Income	4,230.15	6,746.81
Revenue from Non-Tariff Income	30.73	31.34
Total Income	4,260.88	6,778.15

## 1.2 Revenue at proposed Tariffs:

### 1.2.1 Revenue from sale of power at proposed Tariffs:

The Licensee has proposed revenue from sale of power for the FY 2018-19 by considering at proposed Tariffs. Accordingly the revenue from sale of power for the FY 2018-19 is an amount of Rs. 6,675 Crores. The Category-wise Energy charges, Fixed charges / Demand charges and customer charges for year 2018-19 is provided in the table below.

2018-19						
Revenue from Proposed Tariffs						
Consumer Category	Energy	Energy Charges	Demand / Fixed Charges	MMC	Customer Charges	Total Charges
	MU	Rs. In Crores				
<b>LT</b>						
Domestic Supply : Cat. I	3,194.61	971.19	-	4.90	129.48	1,105.57
Non-Domestic Supply : Cat. II	682.10	609.17	39.36	1.61	20.23	670.37
Industrial Supply : Cat. III	264.33	174.30	33.84	-	5.95	214.10
Cottage Industries : Cat. IV	7.93	3.17	0.29	-	0.28	3.74
Irrigation & Agriculture : Cat. V	7,087.81	0.01	0.02	-	41.38	41.41
Public Lighting : Cat. VI	317.10	176.41	6.89	-	3.31	186.61
General Purpose : Cat. VII	48.61	34.36	0.98	0.08	1.55	36.96
Temporary Supply : Cat. VIII						
<b>TOTAL 'LOW TENSION'</b>	<b>11,602.49</b>	<b>1,968.61</b>	<b>81.38</b>	<b>6.59</b>	<b>202.17</b>	<b>2,258.75</b>
<b>HT</b>						
Industries : Cat. I	1,604.25	992.02	193.13	-	3.62	1,188.76
Others : Cat. II	152.77	118.78	40.92	-	0.90	160.60
Airport, Bus & Railway Stations: Cat.III	7.73	5.83	0.98	-	0.03	6.84
Irrigation & Agriculture : Cat. IV	4,373.95	2,146.48	504.22	-	0.69	2,651.39
Railway Traction : Cat. VA	368.47	149.23	54.66	-	0.04	203.93
Townships & Colonies Cat. VI	167.55	105.55	2.38	-	0.06	107.99
Electric Co-Op Societies	971.90	97.19	-	-	-	97.19
Temporary						-
<b>TOTAL 'HIGH TENSION'</b>	<b>7,646.62</b>	<b>3,615.08</b>	<b>796.29</b>	<b>-</b>	<b>5.34</b>	<b>4,416.70</b>
<b>TOTAL (LT + HT)</b>	<b>19,249.11</b>	<b>5,583.69</b>	<b>877.67</b>	<b>6.59</b>	<b>207.51</b>	<b>6,675.46</b>

There is a decrease in revenue from proposed tariffs when compared to revenue at current tariffs, due to the introduction of 2-part tariff structure for LI schemes by INR 71.35 crores. This difference across the licensees is primarily because of sales and load mix across the licensees. There is no increase due to increase of two-part tariffs at the state level.

1.2.2 Non-Tariff Income at proposed Tariffs:

Non-Tariff Income	FY 2018-19
Reconnection Fee LT	10.81
Reconnection Fee HT	0.31
Application Registration Fee	0.81
Supervision Charges from customers	1.18
Capacitor Charges	5.75
Transformer Testing Charges	0.00
Meter Testing / Shifting Charges	0.78
Other Miscellaneous Income	11.71
Total Non-Tariff Income	31.34

1.2.3 Revenue from Cross Subsidy Surcharge at proposed Tariffs:

The licensee does not project any open access sales for the FY 2018-19. Hence, projected revenue from Cross Subsidy Surcharges of the TSNPDCL for ensuing year 2018-19 are nil.

1.2.4 Revenue from Additional Surcharge at proposed Tariffs:

The licensee does not project any open access sales for the FY 2018-19. Hence, projected revenue from Additional Surcharges of the TSNPDCL for the ensuing year 2018-19 at proposed Additional charge are nil.

1.2.5 Total Revenue at proposed Tariffs:

From the foregoing paragraphs the total revenue of the Discom is arrived at Rs.6,707 Cr. for 2018-19 at proposed tariffs.

Details (Rs. Cr.)	FY 2018-19
Revenue from Tariff Income	6,675.46
Revenue from Non-Tariff Income	31.34
Total Income	6,706.80

2. REVENUE GAP

2.1 Revenue Deficit / Surplus at Current Tariff and Charges

Details	FY 2017-18	FY 2018-19
Aggregate Revenue Requirement (Rs. Crs.)	10,104.26	12,255.40
Revenue from Current Tariffs (Rs. Crs.)	4,230.15	6,746.81
Non - Tariff Income (Rs. Crs.)	30.73	31.34
Revenue (Deficit) / Surplus at Current Tariffs (Rs. Crs.)	(5,843.38)	(5,477.25)

2.2 Revenue Deficit / Surplus at Proposed Tariffs and Charges

Details	FY 2018-19
Aggregate Revenue Requirement (Rs. Crs)	12,255
Revenue from Proposed Tariffs (Rs. Crs.)	6,675
Non - Tariff Income (Rs. Crs.)	31
Net (Deficit) / Surplus (Rs.Crs)	(5,549)

3. RETAIL SUPPLY TARIFF PROPOSAL FOR FY 2018-19

3.1 Tariffs for FY 2018-19

The licensees humbly submit to the Honorable Commission for retaining the tariffs for all categories except HT-IV (A) Govt Lift Irrigation Schemes per the Tariff Order of FY 2017-18, for the ensuing year FY 2018-19. The licensee propose the introduction of two-part tariff structure for HT- IV(A) Lift Irrigation schemes.

3.2 Tariff Proposal for Government LI schemes under HT-IVA.

Based on the data received from Irrigation Department (Government of Telangana), the licensee expects a load of 2,305 MW of major irrigation project – Kaleshwaram would be operational in the ensuing year. The other new Lift Irrigation (LI) schemes expected

to be operational in FY 2018-19 contribute another 208 MW. Hence the projected load from LIS schemes in the ensuing year would be 4,140 MW including existing loads. The projected sales from LI schemes for FY 2018-19 are 5,583 MU.

TS Discoms have endeavored to minimize the power purchase through optimal contracting from the market through non-RTC contracts. It may be appreciated that such contracts would still have fixed cost commitment due to non-off take of power by the discom even in a scenario of reduced demand from the LI schemes when compared to the projected loads.

The above situation has an adverse impact on the financials of the discoms. Further as per the recommendations of the committee constituted by Ministry of Power (MoP) on rationalization of Tariff structures, greater emphasis has been placed on recovery of fixed and variable costs through two part tariff structures. Hence discoms need to enhance the recovery of fixed charges through two part tariff structures which are reflective of the fixed and energy costs commitments of power contracts.

In view of the above, TS Discoms propose the introduction of two-part tariff structure for HT- IV Lift Irrigation schemes as follows

Current Tariff Structure:

Energy Charge – INR 6.40/KWh

Proposed Tariff Structure:

Demand Charge – INR 390/KVA/month

Energy Charge – INR 4.88/KWh

Proposed Tariff Conditions –

- Demand Charges would be levied on 80% of Contracted Maximum Demand (CMD) or Recorded Maximum Demand (RMD) for Operational Months – July to November (5 months).

- Demand Charges would be levied on 30% of Contracted Maximum Demand (CMD) or Recorded Maximum Demand (RMD) for Non-Operational Months – December to June (7months)

Based on the projected commissioning schedule of loads and energy across months in FY 2018-19, the proposed tariff structure would be revenue neutral. There is no additional revenue at the state level on account of introduction of two part tariff for Government Lift Irrigation Schemes under HT-IV(A).

### 3.3 Categorization of Electric Vehicle Charging Stations

Tariff for Electric Vehicle Charging Stations/ Charging Infrastructure/ Battery Swap From a background perspective, the transport sector is the largest user of oil and second largest source of CO<sub>2</sub> emissions world-wide. Indian transportation sector accounts for one-third of the total crude oil consumed in the country, where 80% is being consumed by road transportation alone. It also accounts for around 11% of total CO<sub>2</sub> emissions from fuel combustion.

The National Electric Mobility Mission Plan 2020, notified by the Department of Heavy Industry, Ministry of Heavy Industries and Public Enterprises, Government of India seeks to enhance national energy security, mitigate adverse environmental impacts from road transport vehicles and boost domestic manufacturing capabilities for Electric Vehicles (EVs). It is envisaged that EVs are expected to play a significant role in India's transition to a low-carbon eco-system.

As per estimates, based on Total Cost of Ownership (TCO), commercial fleet of cars (taxis) could possibly be among the first adopters of EVs on a large scale followed by private vehicles. TSDiscoms are of the view that the activity of usage of power for Charging Infrastructure/ Battery swap should be recognized as a commercial activity.

Considering the above, the licensee propose the tariff for this category as per the following

For Electric Vehicle Charging Stations/ Charging Infrastructure/ Battery Swap set up at LT voltage level	Tariff applicable would be as per the LT II (Non-domestic/ commercial) category tariff notified by Hon'ble TSERC in the 2017-18 Tariff Order.
For Electric Vehicle Charging Stations/ Charging Infrastructure/ Battery Swap set up at HT voltage level	Tariff applicable would be as per the HT II - Others category tariff notified by Hon'ble TSERC in the 2017-18 Tariff Order.(for respective voltages)

Licensee will provide supply to Electric Vehicle Charging Stations/ Charging Infrastructure/ Battery Swap as per the above schedule. Charging infrastructure provider is free to setup infrastructure at any location in the area of the licensee and provide services to the end user/ electric vehicle.

#### 4. CROSS SUBSIDY SURCHARGE PROPOSALS FOR FY 2018-19

##### 4.1 Legal and Policy position– Cross Subsidy Surcharge

- a. Sections 39(2) (d) (ii), 40(c) (ii) and 42(2) of the Electricity Act, 2003 (hereinafter referred to as ‘the Act’) provide for payment of a surcharge by the consumer (hereinafter also referred to as ‘the Cross-subsidy Surcharge’) when a consumer avails of power under open access. Further, Section 42(2) of the Act provides that the surcharge shall be determined by the State Commission and such surcharge shall be utilized to meet the requirements of current level of cross subsidy within the area of supply of the distribution licensee.
- b. As per the afore-mentioned provisions, to maintain current level of subsidy, cross subsidy surcharge (CSS) has to be levied on the consumers who opt for open access. The licensee has computed the Cross Subsidy Surcharge as per clause 8.5 of the National Tariff Policy notified on 28<sup>th</sup> January 2016.
- c. CSS is computed as the difference between the tariff applicable to the relevant category of consumers and the cost of the distribution licensee to supply electricity to the consumers of the applicable class;



d. In case of a consumer opting for open access, the distribution licensee needs to be compensated on introduction of competition through open access. Accordingly, the cost of supply to the consumer for this purpose may be computed as the aggregate of

- Per unit weighted average cost of power purchase including meeting the Renewable Purchase Obligation;
- Transmission and distribution losses applicable to the relevant voltage level and commercial losses allowed by the SERC;
- Transmission, distribution and wheeling charges up to the relevant voltage level;
- Per unit cost of carrying regulatory assets, if applicable.

e. Surcharge formula (as per NTP notified by MoP on 28th January, 2016):

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

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 of 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 per unit cost of carrying regulatory assets.

f. As per the tariff policy issued by MoP in Jan'16, weighted average power purchase cost needs to be considered instead of the marginal stations.

- g. The licensee would like to file a proposal for determination of cross-subsidy surcharge for Open Access transactions along with this ARR filing for FY2018-19. It may be noted that the licensee has adopted the methodology stated in the amended National Tariff Policy notified by Ministry of Power on 28th January, 2016 for determination of the cross-subsidy surcharge.

#### 4.2 CSS Proposals for TSNPDCL for the year 2018-19

- A. The Licensee has considered following assumptions to compute category wise cross subsidy
- Category wise average realization from the proposed tariffs
  - Weighted average power purchase cost – INR 4.29/Unit
  - Wheeling charges and Losses computed at 80% load factor considering wheeling charges being approved by the Hon’ble Commission
- B. The Cross Subsidy Surcharge as computed by the licensee for each category is as shown below:

Categories	Average Realization (Rs./unit)	Weighted PP (Rs./unit) as per Tariff Policy - Jan 2017	Wheeling Charges (Rs./unit)	Applicable Loss%	Cross Subsidy Surcharge (Rs./unit)	20% Limit on the Avg Realization	Cross Subsidy Surcharge as per Tariff Policy Jan 17. Limiting CSS to 20% of realization
<b>HIGH TENSION</b>							
<b>HT Category at 11 kV</b>							
HT-I Indl Segregated	8.25	4.29	0.73	10.83%	2.71	1.65	1.65
HT-II - Industrial Non Segregated	10.25	4.29	0.73	10.83%	4.71	2.05	2.05
HT-III - Aviation	8.86	4.29	0.73	10.83%	3.33	1.77	1.77
HT -IV A Govt Lift Irrigation	5.97	4.29	0.73	10.83%	0.44	1.19	0.44
HT-VI -Colony Supply	6.55	4.29	0.73	10.83%	1.02	1.31	1.02
Rural co-operatives	1.02	4.29	0.73	10.83%	0.00	0.20	0.00
Temporary	-	4.29	0.73	10.83%	0.00	0.00	0.00
<b>HT Category at 33 kV</b>							
HT-I Indl Segregated	7.26	4.29	0.15	6.97%	2.50	1.45	1.45
HT-II - Industrial Non Segregated	9.48	4.29	0.15	6.97%	4.71	1.90	1.90
HT-III - Aviation	-	4.29	0.15	6.97%	0.00	0.00	0.00
HT -IV A Govt Lift Irrigation	5.37	4.29	0.15	6.97%	0.60	1.07	0.60
HT-VI -Colony Supply	6.46	4.29	0.15	6.97%	1.70	1.29	1.29
Temporary	-	4.29	0.15	6.97%	0.00	0.00	0.00
<b>HT Category at 132 kV</b>							
HT-I Indl Segregated	6.66	4.29	0.13	3.09%	2.11	1.33	1.33
HT-II - Industrial Non Segregated	29.11	4.29	0.13	3.09%	24.57	5.82	5.82
HT-III - Aviation	-	4.29	0.13	3.09%	0.00	0.00	0.00
HT -IV A Govt Lift Irrigation	6.18	4.29	0.13	3.09%	1.63	1.24	1.24
HT-V –RailwayTraction	5.55	4.29	0.13	3.09%	1.00	1.11	1.00
HT-VI -Colony Supply	6.45	4.29	0.13	3.09%	1.90	1.29	1.29
Temporary	-	4.29	0.13	3.09%	0.00		0.00

- C. The "Consultation Paper on Issues pertaining to Open Access, Aug'17" issued by MoP, GoI highlighted the issue of limiting the CSS to 20% of tariff applicable to the consumer category which is presented below:

"The Tariff Policy 2016 mandates SERCs to determine roadmap for reduction of cross subsidy and bring tariff at +/- 20% Average Cost of Supply, however it restricts Cross Subsidy Surcharge at 20% of the consumer tariff. In case the consumer tariff is more than 120% of Average Cost of Supply, DISCOM will not be able to recover losses through cross subsidy surcharge in case consumer opts for open access. It is essential for SERCs to implement both Para 8.3 -2 and First proviso to para 8.5.1 of the Tariff Policy 2016 simultaneously. If one of the provision could not be implemented due to some reason, the second provision should also not be implanted to that extent"

- D. Hence, the licensee humbly requests the Hon'ble Commission not to restrict the Cross Subsidy Surcharge at 20% of tariff payable by the consumer as the tariffs are not within +/-20% Average Cost of Supply. Further, the licensee humbly submits that the Hon'ble Commission may notify a roadmap/ methodology for reduction of cross subsidy across the consumer categories. This will enable the licensee in fixing up cross subsidy surcharge without any under recovery.

## 5. ADDITIONAL SURCHARGE PROPOSALS FOR FY 2018-19

- I. As per section 42(4) of Electricity Act, 2003 the State Regulatory Commission may specify the additional surcharge to be levied on the open access consumers to enable the licensee to recover its fixed costs arising out of its obligation to supply.

Sec 42(4): "Where the State Commission permits a consumer or class of consumers to receive supply of electricity from a person other than the distribution licensee of his area of supply, such consumer shall be liable to pay an additional surcharge on the charges of

wheeling, as may be specified by the State Commission, to meet the fixed cost of such distribution licensee arising out of his obligation to supply”.

- II. As per Andhra Pradesh Electricity Regulation Commission Regulation No. 2 of 2005 which is applicable to Telangana state as per Regulation no. 1 of 2014 of Telangana State Regulation commission, the distribution company can file for additional surcharge.

Clause 17.1.4: “The open access user shall also be liable to pay additional surcharge on charges of wheeling as may be specified by the commission from time to time under section 42(4) of the Act, in case open access is sought for receiving supply from a person other than distribution licensee arising out of his obligation to supply”

- III. Further, the National Tariff Policy (NTP) Notified by Ministry of Power on 28th January, 2016 has the following provision on the Additional Surcharge.

Clause 8.5.4: “The additional surcharge for obligation to supply as per section 42(4) of the Act should become applicable only if it is conclusively demonstrated that the obligation of a licensee, in terms of existing power purchase commitments, has been and continues to be stranded, or there is an unavoidable obligation and incidence to bear fixed costs consequent to such a contract. The fixed costs related to network assets would be recovered through wheeling charges”.

- IV. The Honble Commission has issued Additional Surcharge Order for FY 2017-18 considering the actual parameters viz. Fixed PP Costs, Transmission & Distribution Costs, Open Access & Backed Down energy of FY 2016-17.

- V. Calculation of Additional Surcharge

- The stranded cost is arrived at by limiting the fixed costs attributable only to the Open Access sales

- The approved fixed charges payable to generators as per projections for FY2018-19 is Rs. 15,317 Crores and projected available capacity is 7,670.04 MW. Thus, the average fixed charges worked out to Rs. 2.00 Crores per MW.
  - The Licensees has considered the projected Open Access sales for FY 2018-19 for arriving at the stranded generation capacity which is 246.51 MW
  - Accordingly the fixed charges for stranded capacity of 246.51 MW works out as Rs. 492.29 Crores (i.e. 246.51 MW X Rs. 2.00 Crores)
  - The demand charges to be paid by Open Access Consumers to Licensees are estimated at Rs. 303.29 crores for drawing 2162.74 MU from Licensees.
  - The transmission charges to be paid by the Licensees' for FY 2018-19 are Rs.2,575.42 Crores and scheduled energy for that period is 64,290.84 MUs. Thus the actual transmission cost works out as INR. 0.40 per kWh.
  - The distribution wheeling charges as approved by the Commission for the FY 2018-19 is Rs. 0.78 per kWh.
  - The total T & D costs works out to Rs. 1.18 per kWh. Thereby, the Open Access consumers have to compensate Rs. 255.50 Crores to the Licensees towards the transmission and distribution charges.
  - The demand charges to be adjusted against the stranded capacity charges are Rs. 47.81 Crores.
  - The net stranded charges are Rs.444.48 Crores (i.e. Rs. 492.29 Crores – Rs.47.81 Crores) which are considered for calculation of additional surcharge.
- The OA scheduled energy during FY 2018-19 is 2,159.45 MU and hence the additional surcharge per unit projected at Rs. 2.06 per kWh.

The Additional Surcharge computation for FY 2018-19 has been tabulated below

S. No.	Particulars	Unit	Value
A	Long Term Available Capacity (excluding market purchase)	MW	7670.04
B	Capacity stranded due to open access	MW	246.51
C	Approved/Actual Total Fixed Charges (excluding market purchase)	INR Cr	15,317
D = C/A	Fixed Charge/ MW available	INR Cr/ MW	2.00
E = D*B	Fixed Charge for Stranded Capacity	INR Cr	492.29
F	Transmission Charge Paid	INR Cr	2,575.42
G	Projected Energy Requirement	MU	64290.84
H = F/G	Transmission Charges per kWh (Inclusive of PGCIL charges)	Rs./kWh	0.401
I	Distribution Charges as approved in TO	Rs./kWh	0.78
J = H+I	Total T&D charges per kWh	Rs./kWh	1.181
K	Projected Energy consumed by open access consumer from DISCOM	MU	2162.74
L = K * J	T&D charges paid by Open access consumer to DISCOM	INR Cr	255.5
M	Projected Demand Charges recovered by DISCOMs from Open Access	INR Cr	303.29
N = M - L	Demand Charges to be adjusted	INR Cr	47.81
O = E - N	Net stranded charges recoverable	INR Cr	444.48
P	Open Access Sales	MU	2159.45
Q = O/P	Additional Surcharge derived	Rs./kWh	2.06

The licensee submits that in the above computation, capacity stranded due to open access is limited to backed down units or open access volumes whichever is lower. Hence the licensee submits that taking backed down units or open access volumes whichever is lower. Hence the licensee submits that limiting the additional surcharge derived as per S. No. Q above to the OA units as a percentage of backed down units which would lead to double accounting and under recovery of stranded assets,

The licensee has considered the effect of the above while arriving at stranded assets in S. No. B

## 6. RETAIL SUPPLY FORMATS FOR FY 2018-19



Form-5 Revenue Current Tariff

Revenue from Current Tariffs (Rs. Crs.)	2017-18						
	Retail Supply (Regulated Business)			Surcharges (Open Access)		Grid Support Charges	Total Revenue
	Gross Revenue	Incentives	Net Revenue	Surcharge	Additional surcharge		
LT Category	2122.52	0.00	2122.52	0.00	0.00	0.00	2122.52
Category I (A&B) - Domestic	1035.13	0.00	1035.13				1035.13
Category II (A,B,C & D) - Non-domestic/Commercial	623.58	0.00	623.58				623.58
Category III (A & B) - Industrial	209.65	0.00	209.65				209.65
Category IV (A,B &C) - Cottage Industries & Dhobighats	3.61	0.00	3.61				3.61
Category V (A,B & C) - Irrigation and Agriculture	39.40	0.00	39.40				39.40
Category VI (A & B) - Local Bodies, St. Lighting & PWS	177.28	0.00	177.28				177.28
Category VII (A & B) - General Purpose	33.86	0.00	33.86				33.86
Category VIII (A & B) -Temporary Supply	0.00	0.00	0.00				0.00
HT Category at 11 KV	787.40	0.00	787.40	0.00	0.00	0.00	787.40
HT-I Industry Segregated	520.74	0.00	520.74				520.74
HT-I (B) Ferro-Alloys	0.00	0.00	0.00				0.00
HT-II - Others	123.00	0.00	123.00				123.00
HT-III Airports, Railways and Bustations	6.71	0.00	6.71				6.71
HT-IVA Lift Irrigation & Agriculture	17.78	0.00	17.78				17.78
HT - IV (B) Composite P.W.S Schemes	24.52	0.00	24.52				24.52
HT-VI Townships and Residential Colonies	8.39	0.00	8.39				8.39
HT-VII - Green Power							0.00
HT - Temporary Supply	0.00	0.00	0.00				0.00
RESCOs	86.26	0.00	86.26				86.26
HT Category at 33 KV	275.49	0.00	275.49	0.00	0.00	0.00	275.49
HT-I Industry Segregated	136.97	0.00	136.97				136.97
HT-I (B) Ferro-Alloys	8.90	0.00	8.90				8.90
HT-II - Others	16.80	0.00	16.80				16.80
HT-III Airports, Railways and Bustations	0.00	0.00	0.00				0.00
HT-IVA Lift Irrigation & Agriculture	28.63	0.00	28.63				28.63
HT - IV (B) Composite P.W.S Schemes	57.23	0.00	57.23				57.23
HT-VI Townships and Residential Colonies	26.96	0.00	26.96				26.96
HT-VII - Green Power							
HT - Temporary Supply	0.00	0.00	0.00				0.00
RESCOs	0.00	0.00	0.00				0.00
HT Category at 132 KV	1044.73	0.00	1044.73	0.00	0.00	0.00	1044.73
HT-I Industry Segregated	452.95	0.00	452.95				452.95
HT-I (B) Ferro-Alloys	0.00	0.00	0.00				0.00
HT-II - Others	8.79	0.00	8.79				8.79
HT-III Airports, Railways and Bustations	0.00	0.00	0.00				0.00
HT-IVA Lift Irrigation & Agriculture	266.37	0.00	266.37				266.37
HT - IV (C) Composite P.W.S Schemes	0.00	0.00	0.00				0.00
HT-V (A) Railway Traction	247.52	0.00	247.52				247.52
HT-V (B) HMR	0.00	0.00	0.00				0.00
HT-VI Townships and Residential Colonies	69.11	0.00	69.11				69.11
HT-VII - Green Power			0.00				0.00
HT - Temporary Supply	0.00	0.00	0.00				0.00
HT- RESCOs	0.00	0.00	0.00				0.00
Total	4230.15	0.00	4230.15	0.00	0.00	0.00	4230.15

Form-5 Revenue Current Tariff

Revenue from Current Tariffs (Rs. Crs.)	2018-19						
	Retail Supply (Regulated Business)			Surcharges (Open Access)		Grid Support Charges	Total Revenue
	Gross Revenue	Incentives	Net Revenue	Surcharge	Additional surcharge		
LT Category	2258.75	0.00	2258.75	0.00	0.00	0.00	2258.75
Category I (A&B) - Domestic	1105.57	0.00	1105.57				1105.57
Category II (A,B,C & D) - Non-domestic/Commercial	670.37	0.00	670.37				670.37
Category III (A & B) - Industrial	214.10	0.00	214.10				214.10
Category IV (A,B &C) - Cottage Industries & Dhobighats	3.74	0.00	3.74				3.74
Category V (A,B & C) - Irrigation and Agriculture	41.41	0.00	41.41				41.41
Category VI (A & B) - Local Bodies, St. Lighting & PWS	186.61	0.00	186.61				186.61
Category VII (A & B) - General Purpose	36.97	0.00	36.97				36.97
Category VIII (A & B) -Temporary Supply	0.00	0.00	0.00				0.00
HT Category at 11 KV	909.55	0.00	909.55	0.00	0.00	0.00	909.55
HT-I Industry Segregated	570.35	0.00	570.35				570.35
HT-I (B) Ferro-Alloys	0.00	0.00	0.00				0.00
HT-II - Others	134.26	0.00	134.26				134.26
HT-III Airports, Railways and Bustations	6.84	0.00	6.84				6.84
HT-IVA Lift Irrigation & Agriculture	17.82	0.00	17.82				17.82
HT - IV (B) Composite P.W.S Schemes	74.55	0.00	74.55				74.55
HT-VI Townships and Residential Colonies	8.55	0.00	8.55				8.55
HT-VII - Green Power			0.00				0.00
HT - Temporary Supply	0.00	0.00	0.00				0.00
RESCOs	97.19	0.00	97.19				97.19
HT Category at 33 KV	458.59	0.00	458.59	0.00	0.00	0.00	458.59
HT-I Industry Segregated	138.98	0.00	138.98				138.98
HT-I (B) Ferro-Alloys	17.74	0.00	17.74				17.74
HT-II - Others	17.51	0.00	17.51				17.51
HT-III Airports, Railways and Bustations	0.00	0.00	0.00				0.00
HT-IVA Lift Irrigation & Agriculture	28.64	0.00	28.64				28.64
HT - IV (B) Composite P.W.S Schemes	228.76	0.00	228.76				228.76
HT-VI Townships and Residential Colonies	26.96	0.00	26.96				26.96
HT-VII - Green Power							
HT - Temporary Supply	0.00	0.00	0.00				0.00
RESCOs	0.00	0.00	0.00				0.00
HT Category at 132 KV	3119.92	0.00	3119.92	0.00	0.00	0.00	3119.92
HT-I Industry Segregated	461.69	0.00	461.69				461.69
HT-I (B) Ferro-Alloys	0.00	0.00	0.00				0.00
HT-II - Others	8.82	0.00	8.82				8.82
HT-III Airports, Railways and Bustations	0.00	0.00	0.00				0.00
HT-IVA Lift Irrigation & Agriculture	2372.98	0.00	2372.98				2372.98
HT - IV (C) Composite P.W.S Schemes	0.00	0.00	0.00				0.00
HT-V (A) Railway Traction	203.93	0.00	203.93				203.93
HT-V (B) HMR	0.00	0.00	0.00				
HT-VI Townships and Residential Colonies	72.49	0.00	72.49				72.49
HT-VII - Green Power			0.00				0.00
HT - Temporary Supply	0.00	0.00	0.00				0.00
HT- RESCOs	0.00	0.00	0.00				0.00
Total	6746.81	0.00	6746.81	0.00	0.00	0.00	6746.81

## Form 6

### Non-tariff Income at Current Charges

This form refers to income other than the income derived from tariffs and does not include cross subsidy surcharge, additional surcharge, etc.

Items of Non - Tariff Income (Rs. Crs.)	Detail Links	Base Year	2014-15	2015-16	2016-17	2017-18	2018-19
Recoveries from theft of power or malpractices		5.24	8.16	8.19	12.61		
Power Purchase Rebates earned		20.98	5.03	14.61	5.72		
Disincentive recovery from GVK, RIL & Spectram IPP		13.96	0.00	0.00			
Compensation		1.25	0.00	0.00			
Reconnection Fee LT		10.07	10.10	9.57	10.39	10.60	10.81
Reconnection Fee HT		0.32	0.41	0.38	0.30	0.31	0.31
Application Registration Fee		0.71	0.54	1.13	0.78	0.80	0.81
Supervision Charges from customers		0.50	0.64	0.86	1.13	1.15	1.18
Capacitor Charges		6.36	2.84	3.85	5.47	5.63	5.75
Transformer Testing Charges		0.01	0.00	0.00	0.06	0.00	0.00
Meter Testing / Shifting Charges		0.31	0.38	0.55	0.75	0.76	0.78
Other Miscellaneous Income		9.29	12.41	61.53	29.22	11.48	11.71
<b>Total Non tariff income</b>		<b>69.00</b>	<b>40.50</b>	<b>100.68</b>	<b>66.42</b>	<b>30.73</b>	<b>31.34</b>



HIGH TENSION	2519				862.63	2858.13	1415.37	0.00	1839.86	262.90	0.00	4.87	0.00	2107.62	0.00	2107.62	0.00	0.00	0.00	0.00	0.00	8.09	2115.72
HT Category at 11 kV	2381				862.63	839.55	536.09	0.00	659.10	123.78	0.00	4.52	0.00	787.40	0.00	787.40	0.00	0.00	0.00	0.00	0.00	3.70	791.10
HT-I Indl General	954	6.65	4680.00			103.70	186.77		68.96	87.41	0.00	1.82	0.00	158.19	0.00	158.19	0.00	0.00	0.00			0.23	158.42
Lights & Fans	0	6.65	0.00			0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00		0.00						0.00	0.00
Poultry farms	10	4.65	4680.00			3.15	2.64		1.46	1.24	0.00	0.02	0.00	2.72		2.72						0.01	2.73
Poultry Farms Time-of-Day Tariff (6 PM to 10 PM)	0	5.65	0.00			1.39	0.00		0.78	0.00	0.00	0.00	0.00	0.78		0.78						0.00	0.79
Poultry Farms Time-of-Day Tariff (6 AM to 10 AM)	0	5.65	0.00			1.41	0.00		0.79	0.00	0.00	0.00	0.00	0.79		0.79						0.00	0.80
Poultry Farms Time-of-Day Tariff (10 PM to 6 AM)	0	3.65	0.00			2.42	0.00		0.88	0.00	0.00	0.00	0.00	0.88		0.88						0.01	0.89
Industrial Colony consumption	0	6.30	0.00			0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00		0.00						0.00	0.00
Seasonal Industries	0	7.60	4680.00			0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00		0.00						0.00	0.00
HT-I (A) Optional Cst. with CMD upto 150 kVA	698	7.00	960.00			191.24	86.12		133.87	6.35	0.00	1.30	0.00	141.52		141.52						0.42	141.94
HT-I Indrl. Time-of-Day Tariff (6 PM to 10 PM)	0	7.65	0.00			99.02	0.00		75.75	0.00	0.00	0.00	0.00	75.75		75.75						0.22	75.96
HT-I Indrl. Time-of-Day Tariff (6 AM to 10 AM)	0	7.65	0.00			74.11	0.00		56.69	0.00	0.00	0.00	0.00	56.69		56.69						0.16	56.86
HT-I Indrl. Time-of-Day Tariff (10 PM to 6 AM)	0	5.65	0.00			147.61	0.00		83.40	0.00	0.00	0.00	0.00	83.40		83.40						0.32	83.72
HT - I (B) Ferro-alloys	0	5.90	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	0.00	0.00		0.00	0.00
HT-II - Others (Non- Industrial)	410	7.80	4680.00			48.03	58.84		37.46	27.54	0.00	0.77	0.00	65.77	0.00	65.77	0.00	0.00	0.00	0.00		0.10	65.88
HT-II Others - Time-of-Day Tariff (6 PM to 10 PM)	0	8.80	0.00			24.49	0.00		21.55	0.00	0.00	0.00	0.00	21.55		21.55						0.05	21.60
HT-II Others - Time-of-Day Tariff (6 AM to 10 AM)	0	8.80	0.00			16.50	0.00		14.52	0.00	0.00	0.00	0.00	14.52		14.52						0.04	14.55
HT-II Others - Time-of-Day Tariff (10 PM to 6 AM)	0	6.80	0.00			31.11	0.00		21.16	0.00	0.00	0.00	0.00	21.16		21.16						0.07	21.22
HT III: Airports, Bus Stations and Railway Stations	17	7.50	4680.00			2.27	2.08		1.71	0.98	0.00	0.03	0.00	2.71	0.00	2.71	0.00	0.00	0.00	0.00		0.00	2.72
HT-III - Aviation Time-of-Day Tariff (6 PM to 10 PM)	0	8.50	0.00			1.55	0.00		1.32	0.00	0.00	0.00	0.00	1.32		1.32						0.00	1.32
HT-III - Aviation Time-of-Day Tariff (6 AM to 10 AM)	0	8.50	0.00			1.18	0.00		1.01	0.00	0.00	0.00	0.00	1.01		1.01						0.00	1.01
HT-III - Aviation Time-of-Day Tariff (10 PM to 6 AM)	0	6.50	0.00			2.58	0.00		1.67	0.00	0.00	0.00	0.00	1.67		1.67						0.01	1.68
HT -IV A Lift Irrigation and agriculture	207	6.40	0.00			27.15	53.74		17.38	0.00	0.00	0.40	0.00	17.78	0.00	17.78	0.00	0.00	0.00	0.00		0.06	17.84
HT-IV B - CP Water Supply Schemes	68	5.10	0.00			47.82	29.30		24.39	0.00	0.00	0.14	0.00	24.52	0.00	24.52	0.00	0.00	0.00	0.00		0.10	24.63
HT-VI - Townships & Colony Supply	18	6.30	720.00			12.82	3.86		8.07	0.28	0.00	0.04	0.00	8.39	0.00	8.39	0.00	0.00	0.00	0.00		0.03	8.42
HT-VII Temporary	0	10.80	6000.00			0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00
RESCOs	1	1.00				862.63			86.26	0.00	0.00	0.00	0.00	86.26	0.00	86.26	0.00	0.00	0.00	0.00		1.88	88.14
HT Category at 33 kV	91				0.00	413.61	186.29	0.00	244.45	30.88	0.00	0.16	0.00	275.49	0.00	275.49	0.00	0.00	0.00	0.00	0.00	0.90	276.39
HT-I Indl General	44	6.15	4680.00			57.21	55.29		35.19	25.87	0.00	0.07	0.00	61.14	0.00	61.14	0.00	0.00	0.00	0.00		0.12	61.26
Lights & Fans	0	6.15	0.00			0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00		0.00						0.00	0.00
Poultry farms	0	4.15	4680.00			0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00		0.00						0.00	0.00
Poultry Farms Time-of-Day Tariff (6 PM to 10 PM)	0	5.15	0.00			0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00		0.00						0.00	0.00
Poultry Farms Time-of-Day Tariff (6 AM to 10 AM)	0	5.15	0.00			0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00		0.00						0.00	0.00
Poultry Farms Time-of-Day Tariff (10 PM to 6 AM)	0	3.15	0.00			0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00		0.00						0.00	0.00
Industrial Colony consumption	0	6.30	0.00			0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00		0.00						0.00	0.00
Seasonal Industries	0	6.90	4680.00			0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00		0.00						0.00	0.00
HT-I Indrl. Time-of-Day Tariff (6 PM to 10 PM)	0	7.15	0.00			32.53	0.00		23.26	0.00	0.00	0.00	0.00	23.26		23.26						0.07	23.33
HT-I Indrl. Time-of-Day Tariff (6 AM to 10 AM)	0	7.15	0.00			27.60	0.00		19.73	0.00	0.00	0.00	0.00	19.73		19.73						0.06	19.79
HT-I Indrl. Time-of-Day Tariff (10 PM to 6 AM)	0	5.15	0.00			63.78	0.00		32.85	0.00	0.00	0.00	0.00	32.85		32.85						0.14	32.98
HT - I (B) Ferro-alloys	1	5.50	0.00			16.18	4.50		8.90	0.00	0.00	0.00	0.00	8.90	0.00	8.90	0.00	0.00	0.00	0.00		0.04	8.94
HT-II - Others (Non- Industrial)	13	7.00	4680.00			6.57	9.40		4.60	4.40	0.00	0.02	0.00	9.02	0.00	9.02	0.00	0.00	0.00	0.00		0.01	9.03
HT-II Others - Time-of-Day Tariff (6 PM to 10 PM)	0	8.00	0.00			3.37	0.00		2.69	0.00	0.00	0.00	0.00	2.69		2.69						0.01	2.70
HT-II Others - Time-of-Day Tariff (6 AM to 10 AM)	0	8.00	0.00			2.34	0.00		1.87	0.00	0.00	0.00	0.00	1.87		1.87						0.01	1.88
HT-II Others - Time-of-Day Tariff (10 PM to 6 AM)	0	6.00	0.00			5.36	0.00		3.21	0.00	0.00	0.00	0.00	3.21		3.21						0.01	3.23
HT III: Airports, Bus Stations and Railway Stations	0	6.85	4680.00			0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00
HT-III - Aviation Time-of-Day Tariff (6 PM to 10 PM)	0	7.85	0.00			0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00		0.00						0.00	0.00
HT-III - Aviation Time-of-Day Tariff (6 AM to 10 AM)	0	7.85	0.00			0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00		0.00						0.00	0.00
HT-III - Aviation Time-of-Day Tariff (10 PM to 6 AM)	0	5.85	0.00			0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00		0.00						0.00	0.00
HT -IV A Lift Irrigation and agriculture	25	6.40	0.00			44.67	56.57		28.59	0.00	0.00	0.04	0.00	28.63	0.00	28.63	0.00	0.00	0.00	0.00		0.10	28.73
HT-IV B - CP Water Supply Schemes	2	5.10	0.00			112.20	52.08		57.22	0.00	0.00	0.00	0.00	57.23	0.00	57.23	0.00	0.00	0.00	0.00		0.24	57.47
HT-VI - Townships & Colony Supply	6	6.30	720.00			41.80	8.46		26.33	0.61	0.00	0.01	0.00	26.96	0.00	26.96	0.00	0.00	0.00	0.00		0.09	27.05
HT-VII Temporary	0	10.00	6000.00			0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00
RESCOs	0													0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00
HT Category at 132 kV	47				0.00	1604.97	693.00	0.00	936.31	108.23	0.00	0.19	0.00	1044.73	0.00	1044.73	0.00	0.00	0.00	0.00	0.00	3.49	1048.23
HT-I Indl General	17	5.65	4680.00			197.96	145.54		111.85	68.11	0.00	0.07	0.00	180.03	0.00	180.03	0.00	0.00	0.00	0.00		0.43	180.46
Lights & Fans	0	5.65	0.00			0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00		0.00						0.00	0.00
Industrial Colony consumption	0	6.30	0.00			0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00		0.00						0.00	0.00
Seasonal Industries	0	6.70	4680.00			0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00		0.00						0.00	0.00
HT-I Indrl. Time-of-Day Tariff (6 PM to 10 PM)	0	6.65	0.00			132.51	0.00		88.12	0.00	0.00	0.00	0.00	88.12		88.12						0.29	88.40
HT-I Indrl. Time-of-Day Tariff (6 AM to 10 AM)	0	6.65	0.00			107.78	0.00		71.67	0.00	0.00	0.00	0.00	71.67		71.67						0.23	71.91
HT-I Indrl. Time-of-Day Tariff (10 PM to 6 AM)	0	4.65	0.00			243.30	0.00		113.13	0.00	0.00	0.00	0.00	113.13		113.13						0.53	113.66
HT - I (B) Ferro-alloys	0	5.00	0.00			0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00
HT-II - Others (Non- Industrial)	3	6.80	4680.00			0.83	14.40		0.57	6.74	0.00	0.01	0.00	7.32	0.00	7.32	0.00	0.00	0.00	0.00		0.00	7.32
HT-II Others - Time-of-Day																							



HIGH TENSION	2669				971.90	6674.72	2956.18	0.00	4190.65	292.07	0.00	5.34	0.00	4488.06	0.00	4488.06	0.00	0.00	0.00	0.00	0.00	12.45	4500.51
HT Category at 11 kV	2531				971.90	1017.93	567.64	0.00	774.41	130.18	0.00	4.96	0.00	909.55	0.00	909.55	0.00	0.00	0.00	0.00	0.00	3.24	912.79
HT-I Indl General	984	6.65	4,680.00	-	-	111.40	193.97	-	74.08	90.78	-	1.96	-	166.82	0.00	166.82	0.00	0.00	0.00	-	-	0.18	167.00
Lights & Fans	0	6.65	-	-	-	-	-	-	0.00	0.00	-	-	-	0.00	-	-	-	-	-	-	-	-	0.00
Poultry farms	10	4.65	4,680.00	-	-	3.63	2.64	-	1.69	1.24	-	0.02	-	2.94	-	2.94	-	-	-	-	-	0.01	2.95
Poultry Farms Time-of-Day Tariff (6 PM to 10 PM)	0	5.65	-	-	-	1.54	-	-	0.87	0.00	-	-	-	0.87	-	0.87	-	-	-	-	-	0.00	0.88
Poultry Farms Time-of-Day Tariff (6 AM to 10 AM)	0	5.65	-	-	-	1.54	-	-	0.87	0.00	-	-	-	0.87	-	0.87	-	-	-	-	-	0.00	0.87
Poultry Farms Time-of-Day Tariff (10 PM to 6 AM)	0	3.65	-	-	-	2.56	-	-	0.94	0.00	-	-	-	0.94	-	0.94	-	-	-	-	-	0.00	0.94
Industrial Colony consumption	0	6.30	-	-	-	-	-	-	0.00	0.00	-	-	-	0.00	-	0.00	-	-	-	-	-	-	0.00
Seasonal Industries	0	7.60	4,680.00	-	-	-	-	-	0.00	0.00	-	-	-	0.00	-	0.00	-	-	-	-	-	-	0.00
HT-I (A) Optional Cst. with CMD upto 150 kVA	788	7.00	960.00	-	-	212.33	74.24	-	148.63	7.13	-	1.48	-	157.24	-	157.24	-	-	-	-	-	0.35	157.58
HT-I Indrl. Time-of-Day Tariff (6 PM to 10 PM)	0	7.65	-	-	-	99.20	-	-	75.89	0.00	-	-	-	75.89	-	75.89	-	-	-	-	-	0.16	76.05
HT-I Indrl. Time-of-Day Tariff (6 AM to 10 AM)	0	7.65	-	-	-	87.59	-	-	67.01	0.00	-	-	-	67.01	-	67.01	-	-	-	-	-	0.14	67.15
HT-I Indrl. Time-of-Day Tariff (10 PM to 6 AM)	0	5.65	-	-	-	173.05	-	-	97.77	0.00	-	-	-	97.77	-	97.77	-	-	-	-	-	0.28	98.05
HT - I (B) Ferro-alloys	0	5.90	-	-	-	-	-	-	0.00	0.00	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	-	-	-	0.00
HT-II - Others (Non- Industrial)	440	7.80	4,680.00	-	-	55.32	63.64	-	43.15	29.78	-	0.86	-	73.79	0.00	73.79	0.00	0.00	0.00	-	-	0.09	73.88
HT-II Others - Time-of-Day Tariff (6 PM to 10 PM)	0	8.80	-	-	-	26.69	-	-	23.49	0.00	-	-	-	23.49	-	23.49	-	-	-	-	-	0.04	23.53
HT-II Others - Time-of-Day Tariff (6 AM to 10 AM)	0	8.80	-	-	-	17.57	-	-	15.46	0.00	-	-	-	15.46	-	15.46	-	-	-	-	-	0.03	15.49
HT-II Others - Time-of-Day Tariff (10 PM to 6 AM)	0	6.80	-	-	-	31.65	-	-	21.52	0.00	-	-	-	21.52	-	21.52	-	-	-	-	-	0.05	21.58
HT III: Airports, Bus Stations and Railway Stations	17	7.50	4,680.00	-	-	2.52	2.08	-	1.89	0.98	-	0.03	-	2.90	0.00	2.90	0.00	0.00	0.00	-	-	0.00	2.90
HT-III - Aviation Time-of-Day Tariff (6 PM to 10 PM)	0	8.50	-	-	-	1.59	-	-	1.35	0.00	-	-	-	1.35	-	1.35	-	-	-	-	-	0.00	1.35
HT-III - Aviation Time-of-Day Tariff (6 AM to 10 AM)	0	8.50	-	-	-	1.18	-	-	1.00	0.00	-	-	-	1.00	-	1.00	-	-	-	-	-	0.00	1.00
HT-III - Aviation Time-of-Day Tariff (10 PM to 6 AM)	0	6.50	-	-	-	2.45	-	-	1.59	0.00	-	-	-	1.59	-	1.59	-	-	-	-	-	0.00	1.59
HT -IV A Lift Irrigation and agriculture	227	6.40	-	-	-	27.15	58.54	-	17.38	0.00	-	0.44	-	17.82	0.00	17.82	0.00	0.00	0.00	-	-	0.04	17.86
HT-IV B - CP Water Supply Schemes	68	5.10	-	-	-	145.90	29.30	-	74.41	0.00	-	0.14	-	74.55	0.00	74.55	0.00	0.00	0.00	-	-	0.24	74.78
HT-VI - Townships & Colony Supply	18	6.30	720.00	-	-	13.07	3.86	-	8.24	0.00	-	0.04	-	8.55	0.00	8.55	0.00	0.00	0.00	-	-	0.02	8.57
HT-VII Temporary	0	10.00	6,000.00	-	-	-	-	-	0.00	0.00	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	-	-	-	0.00
RESCOs	1	1.00	-	-	-	971.90	139.38	-	97.19	0.00	-	-	-	97.19	0.00	97.19	0.00	0.00	0.00	-	-	1.58	98.77
HT Category at 33 kV	91					0.00	769.75	188.29	0.00	427.52	30.88	0.00	0.18	0.00	458.59	0.00	458.59	0.00	0.00	0.00	0.00	1.25	459.84
HT-I Indl General	44	6.15	4,680.00	-	-	65.32	55.29	-	40.17	25.87	-	0.09	-	66.14	0.00	66.14	0.00	0.00	0.00	-	-	0.11	66.24
Lights & Fans	0	6.15	-	-	-	-	-	-	0.00	0.00	-	-	-	0.00	-	0.00	-	-	-	-	-	-	0.00
Poultry farms	0	4.15	4,680.00	-	-	-	-	-	0.00	0.00	-	-	-	0.00	-	0.00	-	-	-	-	-	-	0.00
Poultry Farms Time-of-Day Tariff (6 PM to 10 PM)	0	5.15	-	-	-	-	-	-	0.00	0.00	-	-	-	0.00	-	0.00	-	-	-	-	-	-	0.00
Poultry Farms Time-of-Day Tariff (6 AM to 10 AM)	0	5.15	-	-	-	-	-	-	0.00	0.00	-	-	-	0.00	-	0.00	-	-	-	-	-	-	0.00
Poultry Farms Time-of-Day Tariff (10 PM to 6 AM)	0	3.15	-	-	-	-	-	-	0.00	0.00	-	-	-	0.00	-	0.00	-	-	-	-	-	-	0.00
Industrial Colony consumption	0	6.30	-	-	-	-	-	-	0.00	0.00	-	-	-	0.00	-	0.00	-	-	-	-	-	-	0.00
Seasonal Industries	0	6.90	4,680.00	-	-	-	-	-	0.00	0.00	-	-	-	0.00	-	0.00	-	-	-	-	-	-	0.00
HT-I Indrl. Time-of-Day Tariff (6 PM to 10 PM)	0	7.15	-	-	-	32.67	-	-	23.36	0.00	-	-	-	23.36	-	23.36	-	-	-	-	-	0.05	23.41
HT-I Indrl. Time-of-Day Tariff (6 AM to 10 AM)	0	7.15	-	-	-	26.02	-	-	18.60	0.00	-	-	-	18.60	-	18.60	-	-	-	-	-	0.04	18.64
HT-I Indrl. Time-of-Day Tariff (10 PM to 6 AM)	0	5.15	-	-	-	59.98	-	-	30.89	0.00	-	-	-	30.89	-	30.89	-	-	-	-	-	0.10	30.99
HT - I (B) Ferro-alloys	1	5.50	-	-	-	32.24	4.50	-	17.73	0.00	-	0.00	-	17.74	0.00	17.74	0.00	0.00	0.00	-	-	0.05	17.79
HT-II - Others (Non- Industrial)	13	7.00	4,680.00	-	-	7.48	9.40	-	5.23	4.40	-	0.03	-	9.66	0.00	9.66	0.00	0.00	0.00	-	-	0.01	9.67
HT-II Others - Time-of-Day Tariff (6 PM to 10 PM)	0	8.00	-	-	-	3.92	-	-	3.13	0.00	-	-	-	3.13	-	3.13	-	-	-	-	-	0.01	3.14
HT-II Others - Time-of-Day Tariff (6 AM to 10 AM)	0	8.00	-	-	-	2.24	-	-	1.79	0.00	-	-	-	1.79	-	1.79	-	-	-	-	-	0.00	1.80
HT-II Others - Time-of-Day Tariff (10 PM to 6 AM)	0	6.00	-	-	-	4.88	-	-	2.83	0.00	-	-	-	2.83	-	2.83	-	-	-	-	-	0.01	2.84
HT III: Airports, Bus Stations and Railway Stations	0	6.85	4,680.00	-	-	-	-	-	0.00	0.00	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	-	-	-	0.00
HT-III - Aviation Time-of-Day Tariff (6 PM to 10 PM)	0	7.85	-	-	-	-	-	-	0.00	0.00	-	-	-	0.00	-	0.00	-	-	-	-	-	-	0.00
HT-III - Aviation Time-of-Day Tariff (6 AM to 10 AM)	0	7.85	-	-	-	-	-	-	0.00	0.00	-	-	-	0.00	-	0.00	-	-	-	-	-	-	0.00
HT-III - Aviation Time-of-Day Tariff (10 PM to 6 AM)	0	5.85	-	-	-	-	-	-	0.00	0.00	-	-	-	0.00	-	0.00	-	-	-	-	-	-	0.00
HT -IV A Lift Irrigation and agriculture	25	6.40	-	-	-	44.67	56.57	-	28.59	0.00	-	0.05	-	28.64	0.00	28.64	0.00	0.00	0.00	-	-	0.07	28.71
HT-IV B - CP Water Supply Schemes	2	5.10	-	-	-	448.54	52.08	-	228.76	0.00	-	0.00	-	228.76	0.00	228.76	0.00	0.00	0.00	-	-	0.73	229.49
HT-VI - Townships & Colony Supply	6	6.30	720.00	-	-	41.80	8.46	-	26.33	0.61	-	0.01	-	26.96	0.00	26.96	0.00	0.00	0.00	-	-	0.07	27.02
HT-VII Temporary	0	10.00	6,000.00	-	-	-	-	-	0.00	0.00	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	-	-	-	0.00
RESCOs	0								0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00			-	0.00
HT Category at 132 kV	47					0.00	4887.03	2202.24	0.00	2988.72	131.01	0.00	0.19	0.00	3119.92	0.00	3119.92	0.00	0.00	0.00	0.00	7.96	3127.87
HT-I Indl General	17	5.65	4,680.00	-	-	228.87	145.54	-	129.31	68.11	-	0.07	-	197.49	0.00	197.49	0.00	0.00	0.00	-	-	0.37	197.86
Lights & Fans	0	5.65	-	-	-	-	-	-	0.00	0.00	-	-	-	0.00	-	0.00	-	-	-	-	-	-	0.00
Industrial Colony consumption	0	6.30	-	-	-	-	-	-	0.00	0.00	-	-	-	0.00	-	0.00	-	-	-	-	-	-	0.00
Seasonal Industries	0	6.70	4,680.00	-	-	-	-	-	0.00	0.00	-	-	-	0.00	-	0.00	-	-	-	-	-	-	0.00
HT-I Indrl. Time-of-Day Tariff (6 PM to 10 PM)	0	6.65	-	-	-	131.55	-	-	87.48	0.00	-	-	-	87.48	-	87.48	-	-	-	-	-	0.21	87.70
HT-I Indrl. Time-of-Day Tariff (6 AM to 10 AM)	0	6.65	-	-	-	105.30	-	-	70.03	0.00	-	-	-	70.03	-	70.03	-	-	-	-	-	0.17	70.20
HT-I Indrl. Time-of-Day Tariff (10 PM to 6 AM)	0	4.65	-	-	-	229.45	-	-	106.69	0.00	-	-	-	106.69	-	106.69	-	-	-	-	-	0.37	107.07
HT - I (B) Ferro-alloys	0	5.00	-	-	-	-	-	-	0.00	0.00	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	-	-	-	0.00
HT-II - Others (Non- Industrial)	3	6.80	4,680.00	-	-	0.89	14.40	-	0.60	6.74	-	0.01	-	7.35	0.00	7.35	0.00	0.00	0.00	-	-	0.00	7.36
HT-II Others - Time-of-Day Tariff (6 PM to 10 PM)	0	7.80	-	-	-	0.89	-	-	0.69	0.00	-	-	-	0.69	-	0.69	-	-	-	-	-	0.00	0.69
HT-II Others - Time-of-Day Tariff (6 AM to 10 AM)	0	7.80	-	-	-	0.25	-	-	0.19	0.00	-	-	-	0.19	-	0.19	-	-	-	-	-	0.00	0.19
HT-II Others - Time-of-Day Tariff (10 PM to 6 AM)	0	5.80	-	-	-	1.02	-	-	0.59	0.00	-	-	-	0.59	-	0.59	-	-	-	-	-	0.00	0.59
HT III: Airports, Bus Stations and Railway Stations	0	6.45	4,680.00	-	-	-	-	-	0.00	0.00	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	-	-	-	0.00
HT-III - Aviation Time-of-Day Tariff (6 PM to 10 PM)	0	7.45	-	-	-	-	-																

Form 8 Revenue Deficit / Surplus at Current Tariffs and Charges

								Remarks					
Items of Revenue Deficit/Surplus (Rs. Crs.)	Detail Links	Base Year	2014-15	2015-16	2016-17	2017-18	2018-19	Base Year	2014-15	2015-16	2016-17	2017-18	2018-19
Aggregate Revenue Requirement (Rs. Crs.)	<a href="#">Form 1</a>	5726.41	6959.39	8259.15	8991.87	10104.26	12255.40						
Total Revenue		3050.04	3219.16	3708.89	4067.58	4260.88	6778.15						
Revenue from Current Tariffs (Net of incentives) (Rs. Crs.)	<a href="#">Form 5</a>	2981.05	3178.67	3608.21	4001.16	4230.15	6746.81						
Non - Tariff Income (Rs. Crs.)	<a href="#">Form 6'</a>	69.00	40.50	100.68	66.42	30.73	31.34						
Revenue from Trading (Rs. Crs.)	<a href="#">Form 1.4 b</a>	0.00	0.00	0.00	0.00	0.00	0.00						
Revenue Deficit (-) / Surplus(+) at Current Tariffs (Rs. Crs.)		-2676.36	-3740.23	-4550.26	-4924.29	-5843.38	-5477.25						



## Index sheet

## Form 9 Revenue Deficit / Surplus and Proposed Adjustments

[illegible][illegible]

Form 10

Revenue from Proposed Tariffs (Rs. Crs.)	2018-19							Remarks
	Retail Supply (Regulated Business)			Surcharges (Open Access)		Grid Support Charges	Total Revenue	
	Gross Revenue	Incentives	Net Revenue	Surcharge	Additional surcharge			2018-19
LT Category	2258.75	0.00	2258.75	0.00	0.00	0.00	2258.75	
Category I (A&B) - Domestic	1105.57	0.00	1105.57				1105.57	
Category II (A,B,C & D) - Non-domestic/Commercial	670.37	0.00	670.37				670.37	
Category III - Industrial	214.10	0.00	214.10				214.10	
Category IV -Temporary Supply	3.74	0.00	3.74				3.74	
Category V - Irrigation and Agriculture	41.41	0.00	41.41				41.41	
Category VI Street Lighting & PWS	186.61	0.00	186.61				186.61	
Category VI General Purpose	36.96	0.00	36.96				36.96	
		0.00	0.00				0.00	
		0.00	0.00				0.00	
		0.00	0.00				0.00	
HT Category at 11 KV	920.28	0.00	920.28	0.00	0.00	0.00	920.28	
HT-I Industry Segregated	570.35	0.00	570.35				570.35	
HT-I (B) Ferro-Alloys	0.00	0.00	0.00				0.00	
HT-II - Others	134.26	0.00	134.26				134.26	
HT-III Airports, Railways and Bustations	6.84	0.00	6.84				6.84	
HT-IV (A) Lift Irrigation and Agriculture	28.54	0.00	28.54				28.54	
HT - IV (B) Composite P.W.S Schemes	74.55	0.00	74.55				74.55	
HT-VI Townships and Residential Colonies	8.55	0.00	8.55				8.55	
HT-VII Temporary Supply	0.00	0.00	0.00				0.00	
HT- RESCOs	97.19	0.00	97.19				97.19	
	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	0.00	0.00				0.00	
	0.00	0.00	0.00				0.00	
HT Category at 33 KV	465.01	0.00	465.01	0.00	0.00	0.00	465.01	
HT-I Industry Segregated	138.98	0.00	138.98				138.98	
HT-I (B) Ferro-Alloys	17.74	0.00	17.74				17.74	
HT-II - Others	17.51	0.00	17.51				17.51	
HT-III Airports, Railways and Bustations	0.00	0.00	0.00				0.00	
HT-IV (A) Lift Irrigation and Agriculture	35.07	0.00	35.07				35.07	
HT - IV (B) Composite P.W.S Schemes	228.76	0.00	228.76				228.76	
HT-VI Townships and Residential Colonies	26.96	0.00	26.96				26.96	
HT-VII Temporary Supply	0.00	0.00	0.00				0.00	
HT- RESCOs	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	0.00	0.00				0.00	
HT Category at 132 KV	3031.41	0.00	3031.41	0.00	0.00	0.00	3031.41	
HT-I Industry Segregated	461.69	0.00	461.69				461.69	
HT-I (B) Ferro-Alloys	0.00	0.00	0.00				0.00	
HT-II - Others	8.82	0.00	8.82				8.82	
HT-III Airports, Railways and Bustations	0.00	0.00	0.00				0.00	
HT-IV (A) Lift Irrigation and Agriculture	2284.47	0.00	2284.47				2284.47	
HT - IV (B) Composite P.W.S Schemes	0.00	0.00	0.00				0.00	
HT-V (A) Railway Traction	203.93	0.00	203.93				203.93	
HT-V (B) HMR		0.00						
HT-VI Townships and Residential Colonies	72.49	0.00	72.49				72.49	
HT-VII Temporary Supply	0.00	0.00	0.00				0.00	
HT- RESCOs	0.00	0.00	0.00				0.00	
	0.00	0.00	0.00				0.00	
	0.00	0.00	0.00				0.00	
Total	6675.46	0.00	6675.46	0.00	0.00	0.00	6675.46	

**Form 11 Non-tariff Income at Proposed Charges**

This form refers to the income other than the income derived from tariffs and does not include cross subsidy surcharge, additional surcharge, etc.								Remarks					
Items of Non - Tariff Income (Rs. Crs.)	Detail Links	Base Year	2014-15	2015-16	2016-17	2017-18	2018-19	Base Year	2014-15	2015-16	2016-17	2017-18	2018-19
Recoveries from theft of power or malpractices		5.24	8.16	8.19	12.61	0.00	0.00						
Interest Income from Bank Deposits / Investments etc.													
Interest income from staff advances and loans													
Power Purchase Rebates earned		20.98	5.03	14.61	5.72	0.00	0.00						
Securitisation benefits													
Miscellaneous / Other Receipts		9.29	12.41	61.53	29.22	11.48	11.71						
Disincentive recovery from GVK, RIL & Spectram IPP		13.96	0.00	0.00	0.00	0.00	0.00						
Compensation		1.25	0.00	0.00	0.00	0.00	0.00						
Reconnection Fee LT		10.07	10.10	9.57	10.39	10.60	10.81						
Reconnection Fee HT		0.32	0.41	0.38	0.30	0.31	0.31						
Application Registration Fee		0.71	0.54	1.13	0.78	0.80	0.81						
Supervision Charges from customers		0.50	0.64	0.86	1.13	1.15	1.18						
Capacitor Charges		6.36	2.84	3.85	5.47	5.63	5.75						
Transformer Testing Charges		0.01	0.00	0.00	0.06	0.00	0.00						
Meter Testing / Shifting Charges		0.31	0.38	0.55	0.75	0.76	0.78						
Total Non tariff income		69.00	40.50	100.68	66.42	30.73	31.34						

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HIGH TENSION				2669					971.90	6674.72	2956.18	0.00	3615.08	796.29	0.00	5.34	0.00	4416.70	0.00	4416.70	0.00	0.00	0.00	0.00	12.45	4429.15
HT Category at 11 kv				2531					971.90	1017.93	567.64	0.00	770.27	145.04	0.00	4.96	0.00	920.28	0.00	920.28	0.00	0.00	0.00	0.00	3.24	923.52
HT-I Indl General				984	6.65	4680.00				111.40	193.97		74.08	90.76	0.00	1.96	0.00	166.82	0.00	166.82	0.00	0.00	0.00		0.18	167.00
Lights & Fans				0	6.65	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						0.00	0.00	
Poultry farms				10	4.65	4680.00				3.63	2.64		1.69	1.24	0.00	0.02	0.00	2.94		2.94				0.01	2.95	
Poultry Farms Time-of-Day Tariff (6 PM to 10 PM)				0	5.65	0.00				1.54	0.00	0.00	0.87	0.00	0.00	0.00	0.00	0.87		0.87				0.00	0.88	
Poultry Farms Time-of-Day Tariff (6 AM to 10 AM)				0	5.65	0.00				1.54	0.00	0.00	0.87	0.00	0.00	0.00	0.00	0.87		0.87				0.00	0.87	
Poultry Farms Time-of-Day Tariff (10 PM to 6 AM)				0	3.65	0.00				2.56	0.00	0.00	0.94	0.00	0.00	0.00	0.00	0.94		0.94				0.00	0.94	
Industrial Colony consumption				0	6.30	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	
Seasonal Industries				0	7.60	4680.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00				0.00	0.00	
HT-I (A) Optional Cat. with CMD upto 150 kVA				766	7.00	960.00				212.33	74.24		148.63	7.13	0.00	1.48	0.00	157.24		157.24				0.35	157.58	
HT-I Indrl. Time-of-Day Tariff (6 PM to 10 PM)				0	7.65	0.00				99.20	0.00		75.89	0.00	0.00	0.00	0.00	75.89		75.89				0.16	76.05	
HT-I Indrl. Time-of-Day Tariff (6 AM to 10 AM)				0	7.65	0.00				87.59	0.00		67.59	0.00	0.00	0.00	0.00	67.59		67.59				0.14	67.73	
HT-I Indrl. Time-of-Day Tariff (10 PM to 6 AM)				0	5.65	0.00				173.05	0.00		97.77	0.00	0.00	0.00	0.00	97.77		97.77				0.28	98.05	
HT - I (B) Ferro-alloys				0	5.90	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	
HT-II - Others (Non- Industrial)				440	7.80	4680.00				55.32	63.64		43.15	29.78	0.00	0.86	0.00	73.79		73.79				0.09	73.88	
HT-II Others - Time-of-Day Tariff (6 PM to 10 PM)				0	8.80	0.00				26.69	0.00		23.49	0.00	0.00	0.00	0.00	23.49		23.49				0.04	23.53	
HT-II Others - Time-of-Day Tariff (6 AM to 10 AM)				0	8.80	0.00				17.57	0.00		15.46	0.00	0.00	0.00	0.00	15.46	0.00	15.46	0.00	0.00	0.00	0.03	15.49	
HT-II Others - Time-of-Day Tariff (10 PM to 6 AM)				0	6.80	0.00				31.65	0.00		21.52	0.00	0.00	0.00	0.00	21.52	0.00	21.52	0.00	0.00	0.00	0.05	21.58	
HT III: Airports, Bus Stations and Railway Stations				17	7.50	4680.00				2.52	2.08		1.89	0.98	0.00	0.03	0.00	2.90		2.90				0.00	2.90	
HT-III - Aviation Time-of-Day Tariff (6 PM to 10 PM)				0	8.50	0.00				1.59	0.00	0.00	1.35	0.00	0.00	0.00	0.00	1.35		1.35				0.00	1.35	
HT-III - Aviation Time-of-Day Tariff (6 AM to 10 AM)				0	8.50	0.00				1.18	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00		1.00				0.00	1.00	
HT-III - Aviation Time-of-Day Tariff (10 PM to 6 AM)				0	6.50	0.00				2.45	0.00	0.00	1.59	0.00	0.00	0.00	0.00	1.59	0.00	1.59	0.00	0.00	0.00	0.00	1.59	
HT -IV A Lift Irrigation and agriculture				227	4.88	4680.00				27.15	58.54		13.24	14.86	0.00	0.44	0.00	28.54		28.54				0.04	28.59	
HT - IV B - CP Water Supply Schemes				68	5.10	0.00				145.90	29.30		74.41	0.00	0.00	0.14	0.00	74.55		74.55				0.24	74.78	
HT-VI - Townships & Colony Supply				18	6.30	720.00				13.07	3.86		8.24	0.28	0.00	0.04	0.00	8.55		8.55				0.02	8.57	
HT-VII Temporary				0	10.80	6000.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	
RESCOs				0	1.00	0.00			971.90	0.00	139.36	97.19	0.00	0.00	0.00	0.00	0.00	97.19	0.00	97.19	0.00	0.00	0.00	1.58	98.77	
HT Category at 33 kv				91					0.00	769.75	186.29	0.00	420.72	44.11	0.00	0.18	0.00	465.01	0.00	465.01	0.00	0.00	0.00	0.00	1.25	466.27
HT-I Indl General				44	6.15	4680.00				65.32	55.23		40.17	25.87	0.00	0.03	0.00	66.14	0.00	66.14	0.00	0.00	0.00		0.11	66.24
Lights & Fans				0	6.15	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						0.00	0.00	
Poultry farms				0	4.15	4680.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00				0.00	0.00	
Poultry Farms Time-of-Day Tariff (6 PM to 10 PM)				0	5.15	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	
Poultry Farms Time-of-Day Tariff (6 AM to 10 AM)				0	5.15	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	
Poultry Farms Time-of-Day Tariff (10 PM to 6 AM)				0	3.15	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	
Industrial Colony consumption				0	6.30	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	
Seasonal Industries				0	6.90	4680.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00				0.00	0.00	
HT-I Indrl. Time-of-Day Tariff (6 PM to 10 PM)				0	7.15	0.00				32.67	0.00		23.36	0.00	0.00	0.00	0.00	23.36		23.36				0.05	23.41	
HT-I Indrl. Time-of-Day Tariff (6 AM to 10 AM)				0	7.15	0.00				26.02	0.00		18.60	0.00	0.00	0.00	0.00	18.60		18.60				0.04	18.64	
HT-I Indrl. Time-of-Day Tariff (10 PM to 6 AM)				0	5.15	0.00				59.98	0.00		30.89	0.00	0.00	0.00	0.00	30.89		30.89				0.10	30.99	
HT - I (B) Ferro-alloys				1	5.50	0.00				32.24	4.50		17.73	0.00	0.00	0.00	0.00	17.74		17.74	0.00	0.00	0.00	0.05	17.79	
HT-II - Others (Non- Industrial)				13	7.00	4680.00				7.00	9.40		5.23	4.48	0.00	0.03	0.00	9.66	0.00	9.66	0.00	0.00	0.00	0.01	9.67	
HT-II Others - Time-of-Day Tariff (6 PM to 10 PM)				0	8.00	0.00				3.92	0.00		3.13	0.00	0.00	0.00	0.00	3.13		3.13				0.01	3.14	
HT-II Others - Time-of-Day Tariff (6 AM to 10 AM)				0	8.00	0.00				2.24	0.00		1.79	0.00	0.00	0.00	0.00	1.79		1.79				0.00	1.80	
HT-II Others - Time-of-Day Tariff (10 PM to 6 AM)				0	6.00	0.00				4.88	0.00		2.93	0.00	0.00	0.00	0.00	2.93		2.93				0.01	2.94	
HT III: Airports, Bus Stations and Railway Stations				0	6.85	4680.00				0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
HT-III - Aviation Time-of-Day Tariff (6 PM to 10 PM)				0	7.85	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	
HT-III - Aviation Time-of-Day Tariff (6 AM to 10 AM)				0	7.85	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	
HT-III - Aviation Time-of-Day Tariff (10 PM to 6 AM)				0	5.85	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	
HT -IV A Lift Irrigation and agriculture				25	4.88	4680.00				44.67	56.57		21.79	13.23	0.00	0.05	0.00	35.07	0.00	35.07	0.00	0.00	0.00	0.07	35.14	
HT - IV B - CP Water Supply Schemes				2	5.10	0.00				448.54	52.08		228.76	0.00	0.00	0.00	0.00	228.76	0.00	228.76	0.00	0.00	0.00	0.73	229.49	
HT-VI - Townships & Colony Supply				6	6.30	720.00				41.80	8.46		26.33	0.61	0.00	0.01	0.00	26.96	0.00	26.96	0.00	0.00	0.00	0.07	27.02	
HT-VII Temporary				0	10.00	6000.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
RESCOs				0	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	0.00	0.00	0.00	0.00	0.00	
HT Category at 132 kv				47					0.00	4887.03	2202.24	0.00	2424.08	607.14	0.00	0.19	0.00	3031.41	0.00	3031.41	0.00	0.00	0.00	0.00	7.96	3039.37
HT-I Indl General				17	5.65	4680.00				228.87	145.54		129.31	68.11	0.00	0.07	0.00	197.49	0.00	197.49	0.00	0.00	0.00	0.37	197.86	
Lights & Fans				0	5.65	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	
Industrial Colony consumption				0	6.30	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	
Seasonal Industries				0	6.70	4680.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00				0.00	0.00	
HT-I Indrl. Time-of-Day Tariff (6 PM to 10 PM)				0	6.65	0.00				131.55	0.00		87.48	0.00	0.00	0.00	0.00	87.48		87.48				0.21	87.48	
HT-I Indrl. Time-of-Day Tariff (6 AM to 10 AM)				0	6.65	0.00				105.30	0.00		70.03	0.00	0.00	0.00	0.00	70.03		70.03				0.17	70.20	
HT-I Indrl. Time-of-Day Tariff (10 PM to 6 AM)				0	4.65	0.00				229.45	0.00		106.69	0.00	0.00	0.00	0.00	106.69		106.69				0.37	107.07	
HT - I (B) Ferro-alloys				0	5.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
HT-II - Others (Non- Industrial)				3	6.80	4680.00				0.89	14.40		0.60	6.74	0.00	0.01	0.00	7.35		7.35	0.00	0.00	0.00	0.00	0.00	7.36
HT-II Others - Time-of-Day Tariff (6 PM to 10 PM)				0	7.80																					

Consumer Category	Detail Links	Cost of Service	Revenue from Tariff & Charges	(Class Deficit) / Class Surplus (=Revenue from Tariff & Charges - CoS)	External Subsidy	Cross Subsidy	Remarks
LT Category		0.00	2277.64	-5618.22	0.00	-5618.22	
Category I (A&B) - Domestic		2349.70	1110.77	-1238.92		-1238.92	
Category II (A,B, C & D) - Non-domestic/Commercial		576.49	671.48	94.99		94.99	
Category III - Industrial		191.71	214.53	22.82		22.82	
Category IV (A & B) - Cottage Industries		5.48	3.75	-1.73		-1.73	
Category V (A, B & C) - Irrigation and Agriculture		4530.20	52.95	-4477.25		-4477.25	
Category VI (A & B) - Local Bodies, St. Lighting & PWS		0.00	187.12	187.12		187.12	
Category VII (A & B) - General Purpose		209.50	37.04	-172.45		-172.45	
Category VIII -Temporary Supply		32.79	0.00	-32.79		-32.79	
Lt (NEW Category)		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	
		0.00		0.00		0.00	
		0.00		0.00		0.00	
HT Category at 11 KV		0.00	912.79	-241.26	0.00	-241.26	
HT-I Industry Segregated		420.79	571.48	150.68		150.68	
HT-I (B) Ferro-Alloys		0.00	0.00	0.00		0.00	
HT-II - Others		86.41	134.47	48.07		48.07	
HT-III Airports, Railways and Bustations		0.00	6.85	6.85		6.85	
HT -IV A Lift Irrigation and agricutlure		112.31	17.86	-94.45		-94.45	
HT- IV B - CP Water Supply Schemes		0.00	74.78	74.78		74.78	
HT-VI Townships and Residential Colonies		7.56	8.57	1.02		1.02	
HT - VII Temporary Supply		0.00	0.00	0.00		0.00	
HT- RESCOs		526.98	98.77	-428.21		-428.21	
		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	0.00	0.00		0.00	
		0.00	0.00	0.00		0.00	
HT Category at 33 KV		0.00	459.84	46.85	0.00	46.85	
HT-I Industry Segregated		108.46	139.28	30.82		30.82	
HT-I (B) Ferro-Alloys		0.00	17.79	17.79		17.79	
HT-II - Others		10.46	17.54	7.09		7.09	
HT-III Airports, Railways and Bustations		0.00	0.00	0.00		0.00	
HT -IV A Lift Irrigation and agricutlure		270.12	28.71	-241.40		-241.40	
HT- IV B - CP Water Supply Schemes		0.00	229.49	229.49		229.49	
HT-VI Townships and Residential Colonies		23.95	27.02	3.07		3.07	
HT - VII Temporary Supply		0.00	0.00	0.00		0.00	
HT- RESCOs		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	0.00	0.00		0.00	
		0.00	0.00	0.00		0.00	
		0.00	0.00	0.00		0.00	
HT Category at 132 KV		0.00	3127.87	335.38	0.00	335.38	
HT-I Industry Segregated		317.07	462.83	145.76		145.76	
HT-I (B) Ferro-Alloys		0.00	0.00	0.00		0.00	
HT-II - Others		5.09	8.83	3.74		3.74	
HT-III Airports, Railways and Bustations		0.00	0.00	0.00		0.00	
HT -IV A Lift Irrigation and agricutlure		2237.29	2379.02	141.73		141.73	
HT- IV B - CP Water Supply Schemes		0.00	0.00	0.00		0.00	
HT-V (A) Railway Traction		180.99	204.53	23.54		23.54	
HT-V (B) HMR		0.00	0.00	0.00		0.00	
HT-VI Townships and Residential Colonies		52.06	72.67	20.61		20.61	
HT - VII Temporary Supply		0.00	0.00	0.00		0.00	
HT- RESCOs		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	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	0.00		0.00	
Total		0.00	6778.15	-5477.25	0.00	-5477.25	