

**BEFORE THE HON'BLE GUJARAT ELECTRICITY REGULATORY
COMMISSION AT GANDHINAGAR**

Filing No. 1554/2015

Case No. _____

IN THE MATTER OF

Filing of Petition under Section 62 and 64 of the Electricity Act, 2003 read with GERC (Multi Year Tariff) Regulations, 2011 for truing up of FY 2014-15 and determination of tariff for FY 2016-17 for its Distribution business of Dahej Supply Area

AND

IN THE MATTER OF

Torrent Power Limited
Torrent House, Off Ashram Road,
Ahmedabad – 380 009

.....**PETITIONER**

THE PETITIONER ABOVE NAMED RESPECTFULLY SUBMITS AS UNDER

Torrent Power Limited, hereinafter referred to as the Petitioner, files the petition for truing up of FY 2014-15 and determination of tariff for FY 2016-17 for its Distribution business of Dahej Supply area which is hereinafter referred to as TPL-D (D) for the sake of brevity.

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List of Abbreviation

Sl. No.	Abbreviation	Expansion
1	ARR	Aggregate Revenue Requirement
2	BHP	Brake Horse Power
3	Capex	Capital Expenditure
4	CEA	Central Electricity Authority
5	CERC	Central Electricity Regulatory Commission
6	DSL	Dahej SEZ Ltd.
7	EHV	Extra High Voltage
8	FPPPA	Fuel and Power Purchase Price Adjustment
9	FY	Financial Year
10	GERC	Gujarat Electricity Regulatory Commission
11	GETCO	Gujarat Energy Transmission Corporation Limited
12	GFA	Gross Fixed Asset
13	GUVNL	Gujarat Urja Vikas Nigam Ltd
14	HT	High Tension
15	HV	High Voltage
16	IEX	Indian Energy Exchange
17	kVA	Kilo Volt Ampere
18	kV	Kilo Volt
19	kWH	Kilo Watt Hour
20	LTMD	Low Tension Maximum Demand
21	LT	Low Tension
22	LTP	Low Tension Power
23	MAT	Minimum Alternate Tax
24	MTR	Mid-Term Review
25	MU	Million Unit
26	MYT	Multi Year Tariff
27	OA	Open Access
28	O&M	Operation and Maintenance
29	PPC	Power Purchase Cost
30	REC	Renewable Energy Certificate
31	RPO	Renewable Purchase Obligation
32	RGP	Residential General Purpose
33	RoE	Return on Equity
34	R&M	Repair and Maintenance
35	SD	Security Deposit
36	SL	Street Light
37	SEZ	Special Economic Zone

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Sl. No.	Abbreviation	Expansion
38	SLC	Service Line Charges
39	TOU	Time Of Use
40	TPL – D (D)	TPL Distribution (Dahej)
41	T&D	Transmission & Distribution
42	UI	Unscheduled Interchange
43	WWSP	Water Works and Sewerage Pumping

Chapter 1: Introduction

Company Profile

1.1 Torrent Energy Limited is a Special Purpose Vehicle (SPV) promoted by Torrent Power Limited (TPL) to fulfill its commitment to generate and distribute power as a co-developer of the Dahej Special Economic Zone. TEL supplies electricity in the Dahej Special Economic Zone as distribution licensee in accordance with the provisions of the Electricity Act, 2003. The Hon'ble High Court of Gujarat vide its Order dated 13th August, 2015, has sanctioned the Composite Scheme of Amalgamation ("Scheme") of Torrent Energy Limited (TEL) and Torrent Cables Limited (TCL) with Torrent Power Limited (TPL) under Sections 391 to 394 and other applicable provisions of the Companies Act, 1956 ("the Act") with effect from Appointed Date of 1st April, 2014. Accordingly, the Scheme has become operational on 1st October, 2015 with effect from 1st April-2014, being the Appointed Date. The distribution business of Dahej SEZ area is hereinafter referred to as Petitioner or TPL or TPL-D (D) for the sake of brevity.

Background to Multi Year Tariff Filing

- 1.2 In accordance with the GERC (MYT) Regulations, 2011, the Hon'ble Commission approved the ARR based on business plan for Dahej supply area for the Control Period FY 2011-12 to FY 2015-16 vide its Order dated 12th December, 2011 in Case No. 1117/2011.
- 1.3 The Petitioner filed the Petitions for determination of tariff for FY 2012-13 and Truing up of FY 2011-12 & determination of tariff for FY 2013-14. The orders on these petitions were issued by the Hon'ble Commission vide its orders dated 21st August, 2012 and 27th May, 2013.
- 1.4 The Petitioner had also filed the Petitions seeking Mid Term Review of the Business Plan and approval of resultant ARR for FY 2014-15 & FY 2015-16 along with the Petition for Truing up of FY 2012-13 & determination of tariff for FY 2014-15. The Hon'ble Commission approved the revised Business Plan and determined the tariff for FY 2014-15 vide its orders dated 29th May, 2014.
- 1.5 The Petitioner filed the Petition for Truing up of FY 2013-14 & determination of tariff for FY 2015-16. The order on this petition was issued by the Hon'ble Commission

vide its order dated 31st March, 2015.

Requirement of Truing up and Annual Determination of Tariff

- 1.6 The Regulation 16.2 (iii) of the MYT Regulations, 2011 provides for the truing up of previous year's expenses and revenue based on audited accounts vis-à-vis the approved forecast and categorization of variation in performance as those caused by factors within the control of the applicant (controllable factors) and those caused by factors beyond the control of the applicant (uncontrollable factors).
- 1.7 The Regulation 16.2 (vi) of the MYT Regulations, 2011 provides for the annual determination of tariff for Distribution licensee for each financial year within the Control Period based on the approved forecast and results of the truing up exercise.

Approach adopted for Truing up & Determination of Tariff

- 1.8 The Petitioner submits the present petition for True-Up of FY 2014-15 for its distribution business of Dahej Supply Area. The True-up exercise has been carried out based on the actual performance for FY 2014-15 including identification of variation in cost items on account of controllable/un-controllable factors and sharing of gains/losses based on the GERC (MYT) Regulations, 2011.
- 1.9 The Petitioner has considered the ARR of FY 2015-16 approved in the Mid Term Review (MTR) order dated 29th May, 2014 as provisional ARR for FY 2016-17 as per the Hon'ble Commission's order dated 2nd December, 2015 in Petition No. 1534/2015.
- 1.10 The Petitioner has proposed revision of tariff based on Trued up Gap/ (Surplus) of FY 2014-15; and Gap/ (Surplus) of FY 2016-17 considering the provisional ARR of FY 16-17 and the revenue at existing tariff.
- 1.11 The Petitioner submits this petition without prejudice to the decisions/cases on the matters pending before the Hon'ble Commission/ Hon'ble ATE.

Petition Structure

- 1.12 The Petitioner files the present petition for True-Up of FY 2014-15 and determination of tariff for FY 2016-17 for its distribution business of Dahej Supply Area.
- 1.13 The true-up of FY 2014-15 includes the analysis of cost items amongst the controllable/uncontrollable factors and sharing of gains/losses and the proposal of tariff for FY 2016-17.

- 1.14 The petition includes the following Chapters. A brief outline of the content of each chapter is provided below:
- a) Chapter 1 contains the introductory information to the petition and background of the petition filing.
 - b) Chapter 2 contains the executive summary including a synopsis of the Petition and prayers to the Hon'ble Commission.
 - c) Chapter 3 covers true-up exercise for FY 2014-15 and identification of controllable/un-controllable costs.
 - d) Chapter 4 covers the sharing of gains/losses based on the factors identified as controllable & uncontrollable.
 - e) Chapter 5 contains the ARR for FY 2016-17.
 - f) Chapter 6 contains the segregation of ARR in wheeling & retail supply business.
 - g) Chapter 7 contains gap/(surplus) analysis
 - h) Chapter 8 contains the Tariff proposal for FY 2016-17
 - i) Chapter 9 contains the compliance to the directives issued by the Hon'ble Commission in the past orders.
 - j) Chapter 10 contains the prayers to the Hon'ble Commission.

Chapter 2: Executive Summary of the petition

- 2.1 As per the provisions of the GERC (Multi Year Tariff) Regulations, 2011, the Petitioner is filing this petition before the Hon'ble Commission for approval of
- a) Truing up of ARR for FY 2014-15 and sharing of gains/losses on account of controllable/un-controllable factors
 - b) Determination of Gap/(Surplus) for FY 2016-17 and
 - c) Determination of tariff for FY 2016-17
- 2.2 Accordingly, the Petitioner is submitting the details for its distribution business for the purpose of determining ARR & Tariff.

True Up for FY 2014-15

- 2.3 The Hon'ble Commission had approved ARR for FY 2014-15 for TPL-D (D) as per the MTR order in Case No. 1369 of 2013 dated 29th May, 2014. This was based on the revised projections for FY 2014-15. The ARR approval is subject to truing up based on the actual data for FY 2014-15.
- 2.4 The Petitioner, for the purpose of truing up in accordance with the GERC (Multi Year Tariff) Regulations, 2011, is submitting this petition on the basis of the Hon'ble Commission's MTR order in Case No. 1369 of 2013 dated 29th May, 2014.
- 2.5 The Petitioner has considered the following parameters for truing up of ARR:
- a) Variation in power purchase cost due to variation in power purchase mix, quantity and price.
 - b) Variation in fixed cost such as O&M expense, interest expenses, Depreciation, Return on Equity, Income Tax and Non-Tariff Income etc.
 - c) Sharing of gains/ losses considering controllable & uncontrollable factors.
- 2.6 The energy requirement is based on the actual sales and the actual T&D losses for FY 2014-15. The actual sale for Dahej Supply Area was 144.84 MU. The actual distribution loss achieved for FY 2014-15 was 1.14%. TPL-D (D) has outperformed the distribution loss target specified by the Hon'ble Commission as per the MTR Order in Case No. 1369 of 2013 dated 29th May, 2014.

TRUE-UP OF FY 2014-15 AND DETERMINATION OF TARIFF FOR FY 2016-17

- 2.7 The actual T&D losses and corresponding energy requirement was met through purchase of power from M/s GUVNL and IEX. The power purchase cost is taken as per the actual expenses incurred for the purchase of power.
- 2.8 The ARR has been worked out by considering the actual expenses vis-à-vis approved expenses as per the MTR Order in Case No. 1369 of 2013 dated 29th May, 2014. The variation in power purchase cost on account of quantity and price is uncontrollable and passed on in the ARR. While there is a reduction in distribution loss, O&M expenses are higher for Dahej supply area as compared to the approved in the MTR Order in Case No. 1369 of 2013 dated 29th May, 2014.
- 2.9 The other fixed cost items of Dahej Supply Area, such as Interest expense, Depreciation, Return on Equity, Income Tax and Non-Tariff Income is trued-up based on the classification of controllable/un-controllable factors for each item head as applicable. Accordingly, the sharing of gains/losses has been arrived at and the final trued-up ARR is worked out. The trued-up ARR thus worked out is shown in the table below.

Table 1: True-Up of ARR of Dahej Supply Area for FY 2014-15

All figures in Rs. Crores		
ARR as per MTR order	(a)	69.99
Gains/ (Losses) due to Uncontrollable Factors	(b)	(18.19)
Gains/ (Losses) due to Controllable Factors	(c)	-
Pass through as Tariff	$d = -(b + 1/3^{\text{rd}} \text{ of } c)$	18.19
Trued Up ARR	$f = a + d$	88.18

- 2.10 The trued-up ARR is equated with actual revenue from sale of power to arrive at the gap/surplus. The summary of the gap/ (surplus) is shown in the table below.

Table 2: Revenue Gap/ (Surplus) for Dahej Supply Area for FY 2014-15

All figures in Rs. Crores	Actual
Trued-up ARR	88.18
Revenue from Sale of Energy	93.94
Less: Revenue towards recovery of Earlier Years' approved Gap/ (Surplus)*	2.71
Balance Revenue	91.23

TRUE-UP OF FY 2014-15 AND DETERMINATION OF TARIFF FOR FY 2016-17

Gap/ (Surplus)	(3.05)
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**As per the Hon'ble Commission's order dated 21st Aug-12 read with APTEL judgment dated 6th May-15*

2.11 The Petitioner submits to the Hon'ble Commission to approve the ARR & revenue gap/ (surplus) as per the computation provided hereinabove.

ARR for FY 2016-17

2.12 In Compliance to order dated 2nd December, 2015 in Suo-Motu Petition No. 1534/2015 the Petitioner has considered ARR items for FY 16-17 as per the approved ARR of FY 15-16 provisionally till the approval of the ARR for the entire control period. As Clarified in the suo-motu order, the true-up of FY 16-17 is to be carried w.r.t approved ARR for FY 16-17.

2.13 The Petitioner has considered the ARR of FY 2016-17 as shown in the following table.

Table 3: ARR of Dahej Supply Area for FY 2016-17

All Figures in Rs. Crores	
Power Purchase	56.02
O&M expenses	2.82
Interest on loans	6.07
Interest on SD	3.47
Interest on working capital	-
Depreciation	6.01
Bad debts	-
Contingency reserve	0.65
RoE	5.04
Income Tax	-
Less: Non-tariff income	0.98
ARR	79.10

Gap/ (Surplus) Analysis for FY 2016-17

2.14 The gap/ (surplus) is arrived at for FY 2016-17 by considering the revenue from sale of power including revenue from the base FPPPA. The summary of revenue gap/ (surplus) for FY 2016-17 is shown in the following table.

Table 4: Revenue Gap/ (Surplus) of Dahej Supply for FY 2016-17

All figures in Rs. Crores	
ARR	79.10
Less:	
Revenue from sale of power at existing tariff rates including FPPPA revenue @0.62 per unit	77.15
Gap/ (Surplus)	1.95

The Petitioner submits to the Hon'ble Commission to consider the gap/ (surplus) as proposed by it.

- 2.15 As per the Hon'ble Commission's order dated 3rd June, 2015 in Case No. 1453/2014, the Petitioner has calculated the carrying cost for the Gap/ (Surplus) for FY 14-15 and the approved Gap/ (Surplus) for FY 10-11 to FY 13-14 which results in a surplus of Rs. 0.50 Crores. The Petitioner, therefore, requests the Hon'ble Commission to consider the aforementioned surplus in addition to the Gap/ (Surplus) of FY 14-15 & FY 16-17 for the purpose of determination of tariff for FY 2016-17. The cumulative surplus is thus arrived at Rs. 1.60 Crores. The summary of revenue gap/ (surplus) for determination of tariff FY 2016-17 is shown in the following table.

Table 5: Cumulative Revenue Gap/(Surplus) for determination of tariff of Dahej Supply Area for FY 2016-17

All figures in Rs. Crores	
Gap/ (Surplus) of FY 2014-15	(3.05)
Carrying Cost	(0.50)
Gap/ (Surplus) of FY 2016-17	1.95
Cumulative Gap/ (Surplus)	(1.60)

- 2.16 The Petitioner proposes to recover the cumulative gap/ (surplus) of FY 2014-15, FY 2016-17 and carrying cost through tariff revision. The details are provided in the Tariff Schedule at **Annexure -1**.

Prayers

- 2.17 The Petitioner files the present petition for Truing up of FY 2014-15 and determination of tariff for FY 2016-17 for its distribution business of Dahej Supply Area.
- 2.18 In view of the facts and circumstances, the Petitioner prays to the Hon'ble Commission that it may be pleased to:
- a) Admit the petition for true up of FY 2014-15 and determination of tariff for FY 2016-17
 - b) Approve the trued up gap/ (surplus) of FY 2014-15.
 - c) Approve the sharing of gains/ losses as proposed by the Petitioner for FY 2014-15.
 - d) Approve the cumulative gap/ (surplus).
 - e) Approve the wheeling ARR and corresponding charges for wheeling of electricity with effect from 1st April, 2016.
 - f) Approve the retail supply tariff for FY 2016-17.
 - g) Allow recovery of the costs as per the Judgments of the Hon'ble Tribunal on the Appeals filed by the Petitioner.
 - h) Allow additions/ alterations/ changes/ modifications to the application at a future date.
 - i) Permit the Petitioner to file all necessary pleading and documents in the proceeding and documents from time to time for effective consideration of the proceeding.
 - j) Allow any other relief, order or direction which the Hon'ble Commission deems fit to be issued.
 - k) Condone any inadvertent omissions/ errors/ rounding off difference/ shortcomings.

Chapter 3: True-up for FY 2014-15

- 3.1 The Hon'ble Commission issued the order dated 12th December, 2011 in Case No. 1117/2011 approving Aggregate Revenue Requirement (ARR) based on the forecast for the financial year FY 2011-12 to FY 2015-16 in accordance with the provisions of the MYT Regulations, 2011.
- 3.2 The Petitioner had filed the Mid Term Review petition vide its petition no. 1369/2013 with revised estimates of various cost items.
- 3.3 The Hon'ble Commission vide its Mid-Term Review (MTR) order dated 29th May, 2014 approved the revised Business Plan & the resultant ARR and the same was considered for the determination of gap/ (surplus) for FY 2014-15.
- 3.4 In this section, the true up has been proposed based on the actual performance of the business as per the GERC (Multi Year Tariff) Regulations, 2011. The segregation of under/over recovery and attribution of variation to controllable & uncontrollable factors has been done with respect to the approved estimates for FY 2014-15.
- 3.5 The scope for truing up exercise is as specified in Regulation 22.3 of the GERC (Multi Year Tariff) Regulations, 2011. The relevant extract of Regulations has been reiterated below for ready reference.

"....The scope of the truing up shall be a comparison of the performance of the Generating Company or Transmission Licensee or Distribution Licensee with the approved forecast of Aggregate Revenue Requirement and expected revenue from tariff and charges and shall comprise of the following:

- a) a comparison of the audited performance of the applicant for the previous financial year with the approved forecast for such previous financial year, subject to the prudence check including pass-through of impact of uncontrollable factors;*
- b) Review of compliance with directives issued by the Commission from time to time;*
- c) Other relevant details, if any..."*

- 3.6 For O&M expenses (R&M expenses, employee costs & Administration & General Costs), it is proposed that the variation due to changes in law and the factors beyond the control should be considered as uncontrollable. For the Interest & Finance

Charges, the current applicable interest rates and actual level of capitalisation have to be taken into consideration. Hence, the variation in these costs needs to be attributed to the factors responsible for the variation which are uncontrollable.

- 3.7 Based on the above, the Petitioner prays to the Hon'ble Commission to allow the computation of controllable/uncontrollable costs and sharing of gains/losses as submitted by the Petitioner in the following Section.

Energy Sales to the Consumers

- 3.8 In the MTR petition, the Petitioner had estimated the sales for the control period based on the sales projections as received from unit holders, prospective customers and the M/s Dahej SEZ Ltd. (DSL). The Hon'ble Commission had considered the same in the MTR order.
- 3.9 Based on past trends, the load factor of leading categories i.e. HTP-I and HTP-III was estimated at lower level for 2014-15 at the time of submission of projection for MTR petition, whereas actual load factor recorded was higher. This has resulted in to higher sales by 31 MU compared to estimated sales. Thus, the actual sales in FY 2014-15 is higher than the sales approved in the MTR order.
- 3.10 The MYT Regulations specifies the variation in quantities of electricity supplied to the consumers as uncontrollable factor. Therefore, the Petitioner requests the Hon'ble Commission for the truing up of actual sales as shown in the table below.

Table 6: Energy Sales to Consumers for Dahej Supply Area in FY 2014-15 (In MU)

Category	MTR Order	Actual
Non RGP	0.38	0.29
LTMD	-	0.43
HTP-I	105.65	95.68
HTP-II	-	0.25
HTP-III	6.87	47.48
SL	0.12	0.15
Temporary	1.53	0.56
Total Sales	114.56	144.84

Distribution Loss

3.11 The Petitioner has been making consistent efforts to contain the distribution losses. Consequent to the efforts, it has out-performed the distribution losses approved by the Hon'ble Commission in its MTR order.

3.12 The achievement/deviation from the approved values is shown in the table below.

Table 7: True-Up of Distribution Loss of Dahej Supply Area (In %)

Particulars	MTR Order	Actual
Distribution Loss	2.00%	1.14%

3.13 The Petitioner submits that the variation in the distribution loss compared to the approved value is to be considered as controllable. However, as the network is yet to be established and load is to be stabilized the distribution loss has been considered as uncontrollable.

Energy Requirement

3.14 Based on the actual energy sales and the transmission & distribution loss units, the actual energy requirement for Dahej License area has been furnished below. The total energy requirement was met through various sources as described in the subsequent section.

Table 8: Energy Requirement of Dahej Supply Area for FY 2014-15
(All figures in MU except mentioned otherwise)

Particulars	MTR Order	Actual
Energy Sales	114.56	144.84
Distribution loss (in %)	2.00%	1.14%
Distribution loss	2.34	1.67
Energy input at distribution level	116.90	146.50
Transmission loss	5.10	5.48
Energy Requirement (A)	122.00	151.98

Energy Availability

3.15 TPL-D (D) sourced power from M/s GUVNL. The details of power procured for Dahej supply area is provided in the table below.

Table 9: Energy Availability (Net) for FY 2014-15 for Dahej Supply Area (In MU)

Energy Sources	MTR Order	Actual
Bilateral/GUVNL	112.24	144.79
Power Exchange	-	6.03
Renewable Energy	9.77	-
Sub-Total	122.01	150.82
Add: Sale of Surplus Power/UI	-	1.16
Total	122.01	151.98

- 3.16 The net quantum of UI power on account of deviation from the scheduled purchase has been added to the total energy procured. The power purchase from Power exchange is mainly to meet the shortfall in power supplies.

Power Purchase

- 3.17 The quantum of power purchase depends on energy sales and distribution loss and the mix of power purchase depends on availability & cost of different sources at a point of time. Therefore, the Hon'ble Commission has also classified it as uncontrollable item except for the variation in distribution loss level. The actual power purchase for the FY 2014-15 is provided in the table below and compared with the approved power purchase.
- 3.18 The variation in the power purchase cost from the MTR Order is on account of variation in sales & distribution losses and variation in actual cost with respect to the base rate during the year.
- 3.19 The variation in power purchase cost is uncontrollable except on account of variation in distribution losses and hence the same needs to be allowed in truing up exercise.

Table 10: Power Purchase Cost for Dahej Supply Area in FY 2014-15

All figures in Rs. Crores	MTR Order	Actual
Bilateral/GUVNL	42.65	52.11
Power Exchange	-	2.97
Renewable Energy	4.99	-
REC	-	2.19
Total	47.64	57.27

- 3.20 Based on the above, the actual power purchase cost for Dahej Supply area is Rs. 57.27 Crores.

Renewable Power Purchase Obligation

- 3.21 The Petitioner submits that Regulation 4.1 of the GERC (Procurement of Energy from Renewable Energy Sources) Regulation, 2010 specifies the Renewable Power Purchase Obligation (RPPO) for FY 2010-11, FY 2011-12 and FY 2012-13. The Hon'ble GERC vide Amendment to the GERC (Procurement of Energy from Renewable Energy Sources) Regulation, 2010 has specified the RPO target for the period FY 2014-15 to FY 2016-17. The Petitioner has made all efforts to fulfil its RPPO.
- 3.22 The renewable energy requirement and renewable energy sourced for FY 2014-15 is as under:

Table 11: Renewable Power Purchase Obligation for Dahej Supply Area in FY 2014-15

Particulars	MU
Energy Requirement	151.98
Obligation	
Wind energy to be procured (@6.25%)	9.50
Solar energy to be procured (@1.25%)	1.90
Biomass/Bagasee/Others (@0.50%)	0.76
Total (8.00%)	12.16
Compliance (Non-Solar)	
Wind	-
Non Solar-REC	10.18
Compliance	10.18
Compliance (as % of Energy Requirement)	6.70%
Compliance (Solar energy)	
Solar	-
Solar-REC	1.89
Compliance	1.89
Compliance (as % of Energy Requirement)	1.24%
Shortfall of FY 2014-15	
Non-Solar	0.08
Solar	0.01
Total	0.09

Fixed Cost**Operation & Maintenance (O&M) expenses**

3.23 The actual O&M expense vis-a-vis the approved has been provided in the table below.

Table 12: O&M Expenses of Dahej Supply Area in FY 2014-15

All figures in Rs. Crores	MTR Order	Actual
Operation & Maintenance Expenses	2.67	12.12

3.24 The actual O&M expenses of Dahej supply area have exceeded the approved value mainly due to uncontrollable factors as detailed below.

3.25 The Petitioner would like to state that it had estimated substantial network growth and rise in demand as per the estimates received from the stakeholders. Accordingly, the Petitioner had also initiated the work for Erection of 220kV Double Circuit line for connectivity of East to West through 220 kV Substation. The project was kept on hold as network development plans were revised due to reduction in estimated demand.

3.26 As a part of network development, TPL-D (D) also approached the state transmission utility (GETCO) for connectivity at 220kV level at its Switchyard. As per discussions with the STU, the part of the 220 kV network was to be created by the Petitioner on behalf of GETCO.

3.27 In execution of the above project, the available material of earlier mentioned project of East to West 220 kV connectivity was utilised to the extent possible. However, certain items could not be used due to difference in technical specifications. The material which could be of future use has been transferred to the stores and the balance items have been scrapped from the work-in-progress. Thus, the cost of total materials written off amounts to Rs. 2.48 Crores which is part of the O&M expense of the Petitioner.

3.28 Further, the connectivity of 220kV substation with GETCO Dahej and Suva substations comprised of cost of two bays, overhead line & termination arrangement

at switchyard, erection of line and supervision charges. It may kindly be noted that as this network is to be owned by the GETCO, the expenses will be part of O&M expenses of the Petitioner. Further, as the work is completed and the cost has been incurred, the Petitioner has made the provision of Rs. 4.54 Crores as part of its O&M expenses for laying this network.

- 3.29 The Petitioner would like to submit that the O & M expenses in the MTR order was approved considering past data. However, the network has increased and O&M expenses have also increased due to increase in routine Repairs & Maintenance activities. It may kindly be noted that the SEZ is still in developmental stage and demand is yet to be stabilized.
- 3.30 Based on above, the Petitioner submits that the variation in O&M expense on account of the above should be considered as uncontrollable. Hence, in the present petition, the Petitioner has considered the entire O&M expenses as uncontrollable for sharing of gains/losses and requests the Hon'ble commission to approve of the same.

Capital Expenditure

- 3.31 The Hon'ble Commission in its order in Case No. 1369/2013 had approved capital expenditure of Rs. 14.96 Crores for FY 2014-15.
- 3.32 The capital expenditure incurred by Dahej Supply Area in FY 2014-15 is Rs 6.71 Crores. The details of the capital expenditure are provided in the following table.

Table 13: Capital Expenditure for Dahej Supply Area in FY 2014-15

All figures in Rs. Crores	MTR Order	Actual
EHV	0.14	4.46
HT Network	10.27	1.89
Others	4.56	0.36
Total	14.96	6.71

- 3.33 The reasons for the major variances in the actual expenditure against the approved expenditure are enumerated hereunder:
- a) EHV (220 kV & 66 kV): The Hon'ble Commission had approved the Capex of Rs.

0.14 Crores for 220/33 kV East substation spare panel. However, the expenditure incurred during the year was Rs. 4.46 Crores. The major expenditure for EHV network was incurred towards the following:

- o Construction of 2 Nos. of 220 KV bays for OPaL
 - o Installation of the 2 Nos. of 220 KV Bays for GETCO at 220/33 KV East Substation.
- b) HT Network (33kV & 11kV): The Hon'ble Commission had approved an expenditure of Rs. 10.27 Crores whereas the actual expense incurred was Rs. 1.89 Crores. The variation is on account of deferment of expenditure due to lower than anticipated growth and lesser number of consumers. Certain projects like installation of additional Transformer at 33/11 KV West substation have been deferred.
- c) Others: In this category, the actual expenditure incurred was Rs. 0.36 Crores against the approved expenditure of Rs. 4.56 Crores. The variation is on account of deferment of expenditure due to lower than anticipated growth and lesser number of consumers. Certain projects like GIS Project and installation of Thermography camera have been deferred.

Table 14: Capitalization for Dahej Supply Area in FY 2014-15

All figures in Rs. Crores		Actual
Opening GFA	(a)	123.85
Addition to GFA	(b)	6.74
Deletion to GFA	(c)	0.03
Closing GFA	(d)=(a)+(b)-(c)	130.56
SLC Addition	(e)	4.02
Capitalization for Debt	(f)=((b)-(c)-(e))	2.70
Capitalization for Equity	(g)=((b)-(c)-(e))	2.70
Normative debt @ 70%	(h)=(f)*70%	1.89
Normative Equity @ 30%	(i)=(g)*30%	0.81

Interest Expenses

3.34 The Petitioner submits that the GERC (MYT) Regulations, 2011 provide for the calculation of interest expenses on normative basis considering the amount of depreciation of assets as the amount of repayment.

3.35 The Petitioner has considered the interest expenses as per the GERC (MYT) Regulations, 2011 on normative loans. The Petitioner has calculated the interest expenses by applying the opening Weighted Average Rate of interest of the actual loan portfolio of the Petitioner at the beginning of the year (i.e. 01.04.2014) on the loan component while repayment has been considered equal to the depreciation of the assets for the year.

3.36 The eligible interest expenses for FY 2014-15 are shown in the table below.

Table 15: Interest Expense for Dahej Supply Area

All Figures in Rs. Crores	Actual
Addition to GFA	6.74
Less: Deletions from GFA	0.03
Less: SLC additions	4.02
Capitalisation for Debt	2.70
Normative Debt @ 70%	1.89
Opening Balance of Loans	69.78
Repayments	5.37
New Borrowings	1.89
Closing Balance of Loans	66.30
Average Loan	68.04
Interest Expense @13.50%	9.19
Other Borrowing Cost	0.13

3.37 The total interest expenditure is furnished in the following table for the consideration of the Hon'ble Commission.

Table 16: Total Interest Expense for Dahej Supply Area in FY 2014-15

All Figures in Rs. Crores	MTR Order	Actual
Interest Expenses	6.51	9.31

3.38 The Petitioner requests the Hon'ble Commission to approve the above mentioned interest expenses. The variation in interest expenses compared to the approved expenses is to be treated as uncontrollable as it depends on the quantum of actual capitalization and the variation in the interest rates.

Interest on Security Deposit

3.39 The Hon'ble Commission in its MTR order had approved the interest on security

deposit for the Petitioner considering 9.5% interest rate on the average estimated balance of security deposit for FY 2014-15.

- 3.40 The actual interest expense on security deposit considering the rate of interest of 9% paid to consumers based on Bank Rate is submitted in the table below for the approval of the Hon'ble Commission.

Table 17: Interest on Security Deposit of Dahej Supply Area for FY 2014-15

All Figures in Rs. Crores	MTR Order	Actual
Interest Rate	9.50%	9.00%
Interest on Security Deposit	2.75	2.35

- 3.41 The interest expense for security deposit is lower as compared to the approved as actual security deposit amount & interest rates are lower than the estimates. Therefore the variation in interest on security deposit is uncontrollable.

Interest on Working Capital

- 3.42 The working capital requirement is arrived at as per the GERC (MYT) Regulations, 2011. As working capital requirement works out to be negative, the Petitioner has not claimed any interest on working capital. The revised computation is provided in the table below for the approval of the Hon'ble Commission.

Table 18: Interest on Working Capital of Dahej Supply Area for FY 2014-15

All Figures in Rs. Crores	MTR Order	Actual
O&M expense for 1 month	0.22	1.01
1 % of GFA for maintenance spares	1.26	1.24
Receivables for 1 month	5.78	7.83
Less: Security Deposit	28.98	25.90
Normative Working Capital	(21.71)	(15.82)
Interest Rate (%)	14.45%	14.75%
Interest on Working Capital	-	-

- 3.43 The Petitioner submits that the variation in working capital requirement and the variation in interest rate are uncontrollable. Hence, the variation in interest on working capital requirement compared to the approved expenses is to be treated as uncontrollable.

Depreciation

3.44 The depreciation rates as specified in the Appendix III to the CERC (Terms & Conditions of Tariff) Regulation, 2009 are applied on the opening GFA and for the assets capitalized during the year. The total depreciation arrived at, as described above, is shown in the table below.

Table 19: Depreciation for Dahej Supply Area in FY 2014-15

All Figures in Rs. Crores	MTR Order	Actual
Depreciation	5.84	5.37

3.45 The Petitioner requests the Hon'ble Commission to approve the depreciation as mentioned above. It further submits that the variation in depreciation amount compared to the approved amount is to be treated as uncontrollable.

Return on Equity

3.46 The closing balance of equity has been arrived at considering additional equity of 30% of the capitalisation during the year. The return on equity has been computed by applying a rate of 14% on the average of opening balance & closing balance of equity.

Table 20: Return on Equity (RoE) for Dahej Supply Area in FY 2014-15

All Figures in Rs. Crores	MTR Order	Actual
Opening Equity	34.77	33.29
Equity addition during the year	0.90	0.81
Equity at end of the year	35.67	34.10
Average of Opening and Closing	35.22	33.69
Return on Equity	4.93	4.72

3.47 The Petitioner requests the Hon'ble Commission to consider the variation in ROE as uncontrollable and allow the same for the purpose of truing up.

Income Tax

3.48 While passing the MTR Order, the Hon'ble Commission approved nil amount of income tax as per the actuals of FY 12-13.

3.49 The Petitioner has not claimed Income Tax for FY 2014-15 as there is loss as per certified financial statements at Company level.

Table 21: Income Tax for Dahej Supply Area in FY 2014-15

All Figures in Rs. Crores	MTR Order	Actual
Income Tax	-	-

Bad debts written off

3.50 The Hon'ble Commission in its MTR order has not approved any amount of bad debt for Dahej supply area.

3.51 The Petitioner submits that it has not written off any bad debts for the FY 2014-15.

Table 22: Bad debts written off for Dahej Supply Area in FY 2014-15

All Figures in Rs. Crores	MTR Order	Actual
Bad debts written off	-	-

Contingency reserve

3.52 The Hon'ble Commission has allowed the contingency reserve in accordance with the GERC (MYT) Regulations, 2011.

3.53 Accordingly, the Petitioner has considered 0.5% of the cost of fixed assets towards the contingency reserve as shown in the table below in line with the GERC (MYT) Regulations, 2011.

Table 23: Contingency Reserve for Dahej Supply Area in FY 2014-15

All Figures in Rs. Crores	MTR Order	Actual
Contingency Reserve	0.63	0.62

3.54 The Petitioner submits that the variation in contingency reserve is to be treated as uncontrollable and requests the Hon'ble Commission to approve the Contingency Reserve as submitted for the purpose of truing up.

Non-tariff Income

3.55 The Hon'ble Commission had approved non-tariff income of Rs. 0.98 Crores in the MTR Order, whereas the actual non-tariff income considered for the year FY 2014-15 is Rs 3.57 Crores.

Table 24: Non-Tariff Income of Dahej Supply Area in FY 2014-15

All Figures in Rs. Crores	MTR Order	Actual
Non-Tariff Income	0.98	3.57

3.56 The Petitioner submits that the variation in non-tariff income as detailed above is uncontrollable. Accordingly, it requests the Hon'ble Commission to allow the variation in Non-Tariff Income as uncontrollable for the purpose of truing up.

Revenue Requirement of Dahej Supply Area

3.57 The Aggregate Revenue Requirement for the Dahej supply area is shown in the table below:

Table 25: True Up for Dahej Supply Area for FY 2014-15

All Figures in Rs. Crores	MTR Order	Actual
Power Purchase	47.64	57.27
O&M expenses	2.67	12.12
Interest on loans	6.51	9.31
Interest on SD	2.75	2.35
Interest on working capital	-	-
Depreciation	5.84	5.37
Bad debts written off	-	-
Contingency reserve	0.63	0.62
RoE	4.93	4.72
Income Tax	-	-
Less: Non-tariff income	0.98	3.57
ARR	69.99	88.18

3.58 The Petitioner requests the Hon'ble Commission to kindly approve the ARR submitted hereinabove.

Chapter 4: Sharing of gains and losses for FY 2014-15

4.1 Regulation 24 and 25 of the GERC (Multi Year Tariff) Regulations, 2011 enumerates the mechanism for sharing of gains and losses on account of uncontrollable and controllable factors.

4.2 In case of uncontrollable factors, the gain and losses are entirely passed through as an adjustment in tariff. The relevant Regulation of the MYT Regulations is reproduced below:

"24.1 The approved aggregate gain or loss to the Generating Company or Transmission Licensee or Distribution Licensee on account of uncontrollable factors shall be passed through as an adjustment in the tariff of the Generating Company or Transmission Licensee or Distribution Licensee over such period as may be specified in the Order of the Commission passed under these Regulations"

4.3 In case of controllable factors, the gains and losses are shared between the generating company / licensee and the consumer in the form of tariff adjustment. The relevant provision of the regulation is provided in this section. Also the mechanism adopted in this petition for sharing of gains & losses on account of controllable factors is as outlined in Regulation 25.1 & 25.2 of the MYT Regulation. The relevant extracts of the Regulations has been reproduced below for ready reference.

4.4 The mechanism for sharing of gains defined in Regulation 25.1 of MYT Regulations is as under:-

"...The approved aggregate gain to the Generating Company or Transmission Licensee or Distribution Licensee on account of controllable factors shall be dealt with in the following manner:

(a) One-third of the amount of such gain shall be passed on as a rebate in tariffs over such period as may be stipulated in the Order of the Commission under Regulation 22.6;

(b) The balance amount, which will amount to two-thirds of such gain, may be utilised at the discretion of the Generating Company or Transmission Licensee or Distribution Licensee..."

TRUE-UP OF FY 2014-15 AND DETERMINATION OF TARIFF FOR FY 2016-17

4.5 The mechanism for sharing of losses defined in Regulation 25.2 of MYT Regulations is as under:-

"...The approved aggregate loss to the Generating Company or Transmission Licensee or Distribution Licensee on account of controllable factors shall be dealt with in the following manner:

(a) One-third of the amount of such loss may be passed on as an additional charge in tariffs over such period as may be stipulated in the Order of the Commission under Regulation 22.6; and

(b) The balance amount of loss, which will amount to two-thirds of such loss, shall be absorbed by the Generating Company or Transmission Licensee or Distribution Licensee..."

4.6 The Petitioner has compared the actual for FY 2014-15 with the approved figures and has segregated the variation as controllable or uncontrollable based on the analysis mentioned hereinabove in the truing up section.

4.7 The comparison of various ARR items and the Revenue from the sale of power for Dahej supply area and the gains/ losses due to controllable and uncontrollable factors have been summarised below:

Table 26: Controllable & Uncontrollable variations in Dahej Supply Area for FY 2014-15

All Figures in Rs. Crores	FY 2014-15 (MTR Order)	FY 2014-15 (Actual)	Over(+)/Under (-) recovery	Controllable	Uncontrollable
Power Purchase	47.64	57.27	(9.63)	-	(9.63)
O&M expenses	2.67	12.12	(9.45)	-	(9.45)
Depreciation	5.84	5.37	0.47	-	0.47
Interest on loans	6.51	9.31	(2.81)	-	(2.81)
Interest on SD	2.75	2.35	0.41	-	0.41
Interest on working capital	-	-	-	-	-
RoE	4.93	4.72	0.21	-	0.21
Bad debts written off	-	-	-	-	-
Contingency reserve	0.63	0.62	0.01	-	0.01
Income Tax	-	-	-	-	-
Less: Non-tariff income	0.98	3.57	(2.59)	-	(2.59)
ARR	69.99	88.18	(18.19)	-	(18.19)

- 4.8 The variation in the power purchase expenditure is mainly due to increase in power procurement cost. Any variation on account of power procurement cost is treated as uncontrollable. But at the same time, the Petitioner, in Dahej supply area, has made efforts to reduce distribution losses. The reduction in distribution losses has resulted in reducing the energy requirement, which in turn has reduced the cost of power purchase.
- 4.9 Regarding the variation in O&M expenses, the Petitioner has considered the entire variation as uncontrollable, for the reasons explained in Truing up Section, to pass on the impact in the tariff.
- 4.10 The variation in ROE, Interest expenses, depreciation on account of variation in capitalization and interest rates has been treated as uncontrollable. Similarly, the variation in non-tariff income has been treated as uncontrollable.
- 4.11 The variation in Interest on Security Deposit is on account of variation in interest rate and security deposit amount. Accordingly, the variations on security deposit have been treated as uncontrollable.
- 4.12 The Petitioner submits that any variation on account of uncontrollable factor is a part of the gap/ (surplus) identified for the year and is passed on to the consumer through adjustment in tariff as per the Regulation 24 of the GERC (MYT Framework) Regulations, 2011. However in case of variation due to controllable factors, the gains and losses have to be dealt with as per Regulation 25.
- 4.13 The following is the summary of trued-up ARR to be recovered by the Petitioner in Dahej Supply area after inclusion of sharing of gains/losses.

Table 27: Trued-up ARR incl. Gains/losses for Dahej Supply Area for FY 2014-15

All Figures in Rs. Crores		
ARR as per MTR	(a)	69.99
Gains/(Losses) due to Uncontrollable Factors	(b)	(18.19)
Gains/(Losses) due to Controllable Factors	(c)	-
Pass through as tariff	$d = -(1/3\text{rd of } c + b)$	18.19
Trued -up ARR	$e = a + d$	88.18

- 4.14 The Petitioner would like to state that the treatment of revenue towards recovery of earlier years' approved Gap/ (Surplus) has been considered in line with the Hon'ble Tribunal's judgement dated 6th May, 2015 in Appeal No. 150 & 151 of 2015. The

same works out to Rs. 2.71 Crores as per the Hon'ble Commission's orders dated 21st Aug-12 for the Petitioner.

- 4.15 Based on the above, the gap/ (surplus) for FY 2014-15 is arrived at by equating the trued-up ARR with the revenue from sale of power after adjusting against earlier years' trued-up gap/ (surplus). The summary of the gap/ (surplus) for Dahej Supply area for FY 2014-15 is shown in the table below.

Table 28: Revenue Gap/ (Surplus) for Dahej Supply Area for FY 2014-15

All figures in Rs. Crores	Actual
Trued-up ARR	88.18
Revenue from Sale of Energy	93.94
Less: Revenue towards recovery of Earlier Years' approved Gap/ (Surplus)	2.71
Balance Revenue	91.23
Gap/ (Surplus)	(3.05)

- 4.16 The Petitioner requests the Hon'ble Commission to approve the ARR & revenue gap/ (surplus) as per the computation provided hereinabove and proposes to recover this gap/ (surplus) from the consumers as detailed in Chapter 8.

Chapter 5: ARR for FY 2016-17

Background

- 5.1 The GERC (MYT) Regulations, 2011 defines control period at Regulations 2 (19) by stipulating it to be from 1st April, 2011 to 31st March 2016 and for every block of five years thereafter.
- 5.2 The Hon'ble Commission will notify the MYT regulations for the next control period. Before notifying the new MYT Regulations, the Hon'ble Commission will issue draft Amendment/Regulations for inviting comments/ suggestions from all the Stakeholders. Based on the comments/ suggestions, the Hon'ble Commission will finalize the MYT Regulations applicable for the new MYT Control Period to be laid before the legislation before its notification.
- 5.3 In Compliance to order dated 2nd December, 2015 in Suo-Motu Petition No. 1534/2015 the Petitioner has considered ARR items for FY 16-17 as per the approved ARR of FY 15-16 provisionally till the approval of the ARR for the entire control period. As clarified in the suo-motu order, the true-up of FY 16-17 is to be carried w.r.t approved ARR for FY 16-17.

Table 29: ARR for Dahej Supply Area for FY 2016-17

All Figures in Rs. Crores	
Power Purchase	56.02
O&M expenses	2.82
Interest on loans	6.07
Interest on SD	3.47
Interest on working capital	-
Depreciation	6.01
Bad debts	-
Contingency reserve	0.65
RoE	5.04
Income Tax	-
Less: Non-tariff income	0.98
ARR	79.10

Revenue Gap/ (Surplus) for FY 2016-17

5.4 The ARR for FY 2016-17 is Rs. 79.10 Crores and the revenue from sale of power at existing tariffs is Rs. 77.15 Crores. The revenue from sale of power is from sale of power at the existing tariff rates. Accordingly, the gap/(surplus) is estimated for FY 2016-17 as below:

Table 30: Gap/ (Surplus) of Dahej Supply Area for FY 2016-17

All Figures in Rs. Crores	
ARR	79.10
Less:	
Revenue from sale of power at existing tariff rates including FPPPA revenue @0.62 per unit	77.15
Gap/ (Surplus)	1.95

Chapter 6: Wheeling and Retail supply business for FY 2016-17

- 6.1 Regulation 81.1 of GERC (Multi Year Tariff) Regulations, 2011 stipulates that the ARR be segregated as per the allocation matrix for segregation of expenses between Distribution Wires Business and Retail Supply Business for determination of wheeling charges.
- 6.2 The allocation of expenditure to wheeling and retail supply business is based on the consideration that the distribution infrastructure up to the service line is part of the wheeling business and the distribution infrastructure from service line to consumer premises is part of the retail supply business.
- 6.3 The allocation matrix as specified by the Hon'ble Commission for segregation of expenses between wheeling & retail supply business is as under:-

**Table 31: Allocation Matrix for Segregation to Wheeling & Retail Supply
for Dahej Supply Area**

ARR Components	Wires Business (%)	Retail Business (%)
Power Purchase Expenses	0%	100%
Employee Expenses	60%	40%
Administration & General Expenses	50%	50%
Repair & Maintenance Expenses	90%	10%
Depreciation	90%	10%
Interest on Long Term Loan Capital	90%	10%
Interest on Working Capital and Consumer Security Deposit	10%	90%
Bad Debts	0%	100%
Income Tax	90%	10%
Contingency reserves	100%	0%
Return on Equity	90%	10%
Non-Tariff Income	10%	90%

- 6.4 Based on the above allocation matrix, the revised ARR of Dahej Supply Area has been segregated into ARR for wheeling and supply business as shown in tables below.

Table 32: ARR for Wheeling Business of Dahej Supply Area for FY 2016-17

All Figures in Rs. Crores	
Power Purchase	-
Employee Expenses	0.46
Administration & General Expenses	0.59
Repair & Maintenance Expenses	0.77
Depreciation	5.41
Interest on Loan	5.46
Interest on Security Deposit	0.35
Interest on Working Capital	-
Bad debts	-
Contingency Reserve	0.65
Income Tax	-
Total Revenue Expenditure	13.70
Return on Equity	4.54
Less: Non-Tariff Income	0.10
Aggregate Revenue Requirement	18.14

Table 33: ARR for Retail Supply Business of Dahej Supply Area for FY 2016-17

All Figures in Rs. Crores	
Power Purchase	56.02
Employee Expenses	0.31
Administration & General Expenses	0.59
Repair & Maintenance Expenses	0.09
Depreciation	0.60
Interest on Loan	0.61
Interest on Security Deposit	3.12
Interest on Working Capital	-
Bad debts	-
Contingency Reserve	-
Income Tax	-
Total Revenue Expenditure	61.34
Return on Equity	0.50
Less: Non-Tariff Income	0.88
Aggregate Revenue Requirement	60.96

6.5 The above segregated ARR is being considered to determine the wheeling charges and cross-subsidy charges for FY 2016-17.

Chapter 7: Gap/ (Surplus) Analysis

7.1 The revenue for FY 2016-17 is arrived at considering revised sales approved in the Mid Term Review Order by applying the existing tariff including base FPPPA of Rs. 0.62 per unit. Accordingly, the estimated revenue for FY 2016-17 works out to Rs. 77.15 Crores. The ARR for Dahej Supply Area is Rs. 79.10 Crores. Accordingly, the Petitioner has arrived at the Gap/ (Surplus) of Rs. 1.95 Crores.

Table 34: Revenue Gap/ (Surplus) for determination of tariff of Dahej Supply Area for FY 2016-17

All Figures in Rs. Crores	
ARR	79.10
Less:	
Revenue from sale of power at existing tariff rates including FPPPA revenue @0.62 per unit	77.15
Gap/ (Surplus)	1.95

7.2 As per the Hon'ble Commission's order dated 3rd June-2015 in Case No. 1453/2014, the Petitioner has calculated the carrying cost for the Gap/ (Surplus) for FY 14-15 and the approved Gap/ (Surplus) for FY 10-11 to FY 13-14 which results in a surplus of Rs. 0.50 Crores. The Petitioner, therefore, requests the Hon'ble Commission to consider the aforementioned surplus in addition to the Gap/ (Surplus) of FY 14-15 & FY 16-17 for the purpose of determination of tariff for FY 2016-17. The total surplus is thus arrived at Rs. 1.60 Crores. The summary of revenue gap/ (surplus) for determination of tariff FY 2016-17 is shown in the following table.

Table 35: Cumulative Revenue Gap/ (Surplus) for determination of tariff of Dahej Supply Area for FY 2016-17

All Figures in Rs. Crores	
Gap/ (Surplus) of FY 2014-15	(3.05)
Carrying Cost	(0.50)
Gap/ (Surplus) of FY 2016-17	1.95
Cumulative Gap/ (Surplus)	(1.60)

Chapter 8: Tariff Proposal for FY 2016-17

Background:

8.1 The Petitioner has computed the cumulative gap/ (surplus) for FY 2014-15 and FY 2016-17 as detailed in the earlier chapters. Accordingly, it has submitted its tariff proposal to recover this cumulative gap/ (surplus) during the FY 2016-17. This is in line with the provisions of the Act and the Tariff Policy.

Determination of Retail Tariff:

8.2 The Petitioner submits that it has designed the retail tariffs in accordance with the Standard tariff philosophy. The tariffs have been set after taking into consideration the sales projections for different tariff categories based on total sales quantity as approved for FY 2015-16 in the order dated 29th May, 2014 for FY 2016-17. The tariff categories are maintained as approved by the Hon'ble Commission. The revenue as per the revised tariffs has been arrived at using the approved sales quantity with revised Base FPPPA of Rs. 0.28 per kWh. The revised tariff schedule for Dahej supply area is attached as **Annexure 1**.

8.3 The Petitioner submits that, if for any reason, the Hon'ble Commission does not allow the tariff increase w.e.f. 1st April-2016, the tariff rates need to be appropriately adjusted to allow the Petitioner to recover the cumulative gap/ (surplus) over the remaining part of the year from the date from which the increase tariff is to be allowed.

Open Access Charges

Determination of Wheeling Charges

8.4 GERC (Multi Year Tariff) Regulations, 2011 stipulates that the wheeling charges shall be determined based on the ARR allocated to the wheeling business.

8.5 TPL-D (D) in this petition has computed the wheeling tariff based on the allocation of ARR of distribution business, in accordance with the GERC (Multi Year Tariff) Regulations, 2011.

8.6 Distribution wires are identified as carrier of electricity from generating station or transmission network to consumer point. Ideally consumption at a particular voltage level requires network at that voltage level and also at all higher voltage levels. Thus

consumption at the lower voltages should contribute to the cost of the higher voltage levels also. But the consumers connected to the HT voltage level would not be utilizing the services of the LT voltage level and hence would not be required to contribute to the LT voltage levels.

- 8.7 The Petitioner submits that sales to the LT category are negligible. Hence, it has not segregated the wheeling ARR into HT & LT category. It has considered the wheeling ARR as arrived in Chapter 6 for determination of wheeling charges. To arrive at the wheeling charges, it has considered the Wheeling ARR and sales of FY 2016-17.
- 8.8 To determine the wheeling charges, the Wheeling ARR is divided by the total revised sales. The wheeling charge thus determined is in terms of Rs / kWh for FY 2014-15 has been tabulated below:

Table 36: Wheeling charges in cash of Dahej Supply Area for FY 2016-17

Particulars	
ARR of Wheeling Business (Rs. Crores)	18.14
Sales (MUs)	140.61
Wheeling Charge in Rs/ kWh	1.29

- 8.9 The Petitioner further states that an open access consumer will also have to bear the following wheeling losses in addition to the wheeling charges.

Table 37: Wheeling charges in kind of Dahej Supply Area of FY 2016-17

Category	In %
HT Category	2.00%

Determination of Cross-Subsidy Surcharge

- 8.10 The Petitioner has detailed the computation of Cross Subsidy Charge based on the formula as enumerated in the Tariff Policy is tabulated below:

Table 38: Cross-subsidy surcharge for Dahej Supply Area

Particulars	HTP-1
T – Tariff for HT category in Rs/kWh	5.15
PPC – Average cost of power Purchase in Rs/kWh	3.90
L – Loss for HT category in %	2.00%

Particulars	HTP-1
D –Wheeling charges for HT category in Rs/kWh	1.29
Cross subsidy Surcharge in Rs/kWh	-

8.11 The Petitioner submits that it has considered the Pooled Power Purchase cost instead of top 5% for calculation of cross subsidy surcharge. However, it works out to zero.

Determination of Additional Surcharges

8.12 As per the regulation 25 of GERC (Terms & Conditions of Intra-State Open Access) Regulations, 2011, the OA consumer will also be required to pay an additional surcharge as per section 42 (4) of the EA 2003.

Chapter 9: Compliance of Directives

9.1 The Hon'ble Commission has issued directive to the Petitioner in its order dated 31st March, 2015 in Case No. 1470/2014. The status on compliance of the directive issued by the Hon'ble Commission is provided as under.

9.2 **EARLIER DIRECTIVES:**

The Commission has directed TEL-D to meet the RPPO targets.

In compliance to the directive, the Petitioner is making all efforts to meet the RPO obligation. The Petitioner has made efforts to fulfil its RPPO by procuring the REC for FY 2014-15. It has incurred the cost of Rs. 2.19 Crores towards the procurement of Solar & Non-Solar REC.

Chapter 10: Prayers

10.1 The present application is being filed for true up of FY 2014-15 and determination of tariff for FY 2016-17. In view of facts and circumstances, the Petitioner prays to the Hon'ble Commission that it may be pleased to:

- a) Admit the petition for true up of FY 2014-15 and determination of tariff for FY 2016-17.
- b) Approve the trued up gap/ (surplus) of FY 2014-15.
- c) Approve the sharing of gains/ losses as proposed by The Petitioner for FY 2014-15.
- d) Approve the cumulative gap/ (surplus).
- e) Approve the wheeling ARR and corresponding charges for wheeling of electricity with effect from 1st April, 2016.
- f) Approve the retail supply tariff for FY 2016-17.
- g) Allow recovery of the costs as per the Judgments of the Hon'ble Tribunal on the Appeals filed by the Petitioner.
- h) Allow additions/ alterations/ changes/ modifications to the application at a future date.
- i) Permit the Petitioner to file all necessary pleading and documents in the proceeding and documents from time to time for effective consideration of the proceeding.
- j) Allow any other relief, order or direction which the Hon'ble Commission deems fit to be issued.
- k) Condone any inadvertent omissions/ errors/ rounding off difference/ shortcomings.

Declaration that the subject matter of above petition has not been raised by the Petitioner before any other competent forum, and that no other competent forum is currently seized of the matter or has passed any orders in relation thereto.

Place: Ahmedabad

Date: December , 2015

Authorised Signatory

**BEFORE THE HON'BLE GUJARAT ELECTRICITY REGULATORY
COMMISSION AT GANDHINAGAR**

Filing No. _____

Case No. _____

IN THE MATTER OF

Filing of Petition under Section 62 and 64 of the Electricity Act, 2003 read with GERC (Multi Year Tariff) Regulations, 2011 for truing up of FY 2014-15 and determination of tariff for FY 2016-17 for its Distribution business of Dahej Supply Area

AND

IN THE MATTER OF

Torrent Power Limited
Torrent House, Off Ashram Road,
Ahmedabad – 380 009

.....**PETITIONER**

AFFIDAVIT

I, Chetan Bundela, son of Shri Manharlal Bundela, aged about 44 years, working as Vice President of Torrent Power Limited, the Petitioner, having office at Torrent House, Off Ashram Road, Ahmedabad – 380 009 do solemnly affirm and state on oath as under:

1. That I am duly authorized by the Petitioner Company to swear this Affidavit.

2. That the facts stated in the Petition are based on record and files of the Petitioner Company and they are true and correct to my knowledge, information and belief and I believe the same to be true.

Solemnly affirmed at Ahmedabad on this ____ day of December, 2015

(DEPONENT)

Annexure-1: Proposed Tariff Schedule

FOR DAHEJ SUPPLY AREA OF TORRENT POWER LIMITED

TARIFF FOR DISTRIBUTION AND SUPPLY OF ELECTRICITY AT LOW TENSION,

HIGH TENSION AND EXTRA HIGH TENSION

EFFECTIVE FROM: 1st April, 2016

GENERAL CONDITIONS

1. The tariff figures indicated in this tariff schedule are the tariff rates payable by all the consumers of Torrent Power Limited – Distribution in the Dahej SEZ area.
2. These tariffs are exclusive of Electricity Duty, tax on sale of electricity, taxes and other charges levied by the Government or other competent authorities from time to time which are payable by the consumers, in addition to the charges levied as per the tariff.
3. All these tariffs for power supply are applicable to only one point of supply.
4. The charges specified are on monthly basis. Distribution Licensee may decide the period of billing and adjust the tariff rate accordingly.
5. Except in cases where the supply is used for purpose for which a lower tariff is provided in the tariff schedule, the power supplied to any consumer shall be utilized only for the purpose for which supply is taken and as provided for in the tariff.
6. Meter charges shall be applicable as prescribed under 'GERC (Licensee's Power to Recover Expenditure incurred in providing supply and other Miscellaneous Charges) Regulations, 2005 as in force from time to time.
7. The various provisions of the GERC (Licensee's power to recover expenditure incurred in providing supply and other miscellaneous charges) Regulations will continue to apply.
8. Conversion of Ratings of electrical appliances and equipments from kilowatt to B.H.P. or vice versa will be done, when necessary, at the rate of 0.746 kilowatt equal to 1 B.H.P.

9. The billing of fixed charges based on contracted load or maximum demand shall be done in multiples of 0.5 (one half) Horse Power or kilo watt (HP or kW) as the case may be.

The fraction of less than 0.5 shall be rounded to next 0.5. The billing of energy charges will be done on complete one kilo-watt-hour (kWh).

10. The Connected Load for the purpose of billing will be taken as the maximum load connected during the billing period.
11. The Fixed charges, minimum charges, demand charges, meter rent and the slabs of consumption of energy for energy charges mentioned shall not be subject to any adjustment on account of existence of any broken period within billing period arising from consumer supply being connected or disconnected any time within the duration of billing period for any reason.
12. Contract Demand shall mean the maximum kW for the supply of which licensee undertakes to provide facilities to the consumer from time to time.
13. Fuel Cost and Power Purchase Adjustment Charges shall be applicable in accordance with the Formula approved by the Gujarat Electricity Regulatory Commission from time to time.
14. Payment of penal charges for usage in excess of contract demand / load for any billing period does not entitle the consumer to draw in excess of contract demand / load as a matter of right.
15. The payment of power factor penalty does not exempt the consumer from taking steps to improve the power factor to the levels specified in the Regulations notified under the Electricity Act, 2003 and licensee shall be entitled to take any other action deemed necessary and authorized under the Act.
16. Delayed payment charges for all consumers:
- No delayed payment charges shall be levied if the bill is paid within ten days from the date of billing (excluding date of billing).
- Delayed payment charges will be levied at the rate of 15% per annum for the period from the due date till the date of payment.
- For Government dues, the delayed payment charges will be levied at the rate provided under the relevant Electricity Duty Act.

PART- I
SCHEDULE OF TARIFF FOR SUPPLY OF ELECTRICITY
AT LOW OR MEDIUM VOLTAGE

1. RATE: RGP

This tariff is applicable to all services in the residential premises:

Single-phase supply: Aggregate load up to 6 kW

Three-phase supply: Aggregate load above 6 kW

1.1. FIXED CHARGES/MONTH

Range of Connected Load

(a)	Up to and including 2 kW	Rs. 5 per month
(b)	Above 2 and up to 4 kW	Rs. 15 per month
(c)	Above 4 and up to 6 kW	Rs. 30 per month
(d)	Above 6 kW	Rs. 45 per month

PLUS

1.2. ENERGY CHARGE: For the total monthly consumption

(i)	First 50 units	275 Paise per Unit
(ii)	Next 50 units	305 Paise per Unit
(iii)	Next 150 units	370 Paise per Unit
(iv)	Above 250 units	460 Paise per Unit

1.3. Minimum bill (excluding meter charges)

Payment of fixed charges as specified in 1.1 above

2. RATE: Non-RGP

This tariff is applicable to the services for the premises those are not covered in any other tariff categories and having aggregate load up to and including 40 kW.

2.1. Fixed Charges per month

(a)	Up to and including 10 kW of connected load	Rs. 30 per kW
(b)	Above 10 and up to 40 kW of connected load	Rs. 55 per kW

PLUS

2.2. ENERGY CHARGE:

(a)	For installation having contracted load up to and including 10 kW: for entire consumption during the month	370 paise per unit
(b)	For installation having contracted load exceeding 10 kW: for entire consumption during the month	400 Paise per Unit

2.3. Minimum bill

Minimum bill per installation per month for consumers other than Seasonal Consumers:

Payment of Fixed Charge as specified in 2.1 above.

2.4. Minimum bill per installation for Seasonal Consumers

- a) "Seasonal Consumer", shall mean a consumer who takes and uses power supply for ice factory, ice candy machines, ginning and pressing factory, oil mill, rice mill, huller, salt industry, sugar factory, khandsari, cold storage plants (including such plants in fisheries industry), tapioca industries manufacturing starch, etc.
- b) Any consumer, who desires to be billed for the minimum charges on annual basis shall intimate to that effect in writing in advance about the off-season period during which energy consumption, if any, shall be mainly for overhauling of the plant and machinery. The total period of the off-season so declared and observed shall be not less than three calendar months in a calendar year.
- c) The total minimum amount under the head "Fixed and Energy Charges" payable by the seasonal consumer satisfying the eligibility criteria under sub- clause (a) above and complying with the provision stipulated under sub-clause (b) above shall be Rs. 1600/- per annum per kW of the contracted load.
- d) The units consumed during the off-season period shall be charged for at a flat rate of 385 Paise per unit.
- e) The electricity bills related to the off-season period shall not be taken into account towards the amount payable against the annual minimum bill. The amount paid by the consumer towards the electricity bills related to the seasonal period only under the heads "Fixed Charges" and "Energy

Charges”, shall be taken into account while determining the amount of short- fall payable towards the annual minimum bill as specified under sub-clause (c) above.

3. RATE: LTMD

This tariff is applicable to the services for the premises those are not covered in any other tariff categories and having aggregate load above 40 kW and up to 100 kW.

This tariff shall also be applicable to consumer covered in category- ‘Rate: Non-RGP’ so opts to be charged in place of ‘Rate: Non-RGP’ tariff.

3.1. FIXED CHARGE

	For billing demand up to the contract demand		
(a)	(i)	For first 40 kW of Billing Demand	Rs. 65 per kW per month
	(ii)	Next 20 kW of Billing Demand	Rs. 100 per kW per month
	(iii)	Above 60 kW of Billing Demand	Rs. 165 per kW per month
(b)	For Billing Demand in excess of the Contract Demand		Rs. 210 Per kW

3.2. ENERGY CHARGE

For the entire consumption during the month	405 Paise per Unit
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3.3. REACTIVE ENERGY CHARGE

For all the reactive units (KVARH) drawn during the month	10 paise per KVARH
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3.4. Billing Demand

The billing demand shall be highest of the following:

- a) Eighty-five percent of the contract demand
- b) Actual maximum demand registered during the month
- c) 15 kW

3.5. Minimum Bill

Payment of demand charges every month based on the billing demand.

3.6. Seasonal Consumers taking LTMD Supply:

- 3.6.1. The expression, “Seasonal Consumer”, shall mean a consumer who takes and uses power supply for ice factory, ice-candy machines, ginning and

pressing factory, oil mill, rice mill, salt industry, sugar factory, khandsari, cold storage plants (including such plants in fishery industry), tapioca industries manufacturing starch, pumping load or irrigation, white coal manufacturers etc.

- 3.6.2. A consumer, who desires to be billed for minimum charges on annual basis, shall intimate in writing in advance about the off-season during which energy consumption, if any, shall be mainly for overhauling of the plant and machinery. The off-season period at any time shall be a full calendar month/months. The total period of off-season so declared and observed shall be not less than three calendar months in a calendar year.
- 3.6.3. The total minimum amount under the head "Demand and Energy Charges" payable by a seasonal consumer satisfying the eligibility criteria under sub clause 3.6.1 above and complying with provisions stipulated under sub clause 3.6.2 above shall be Rs. 2700/- per annum per kW of the billing demand.
- 3.6.4. The billing demand shall be the highest of the following:
 - a) The highest of the actual maximum demand registered during the calendar year.
 - b) Eighty-five percent of the arithmetic average of contract demand during the year.
 - c) 15 kW.
- 3.6.5. Units consumed during the off-season period shall be charged for at the flat rate of 385 Paise per unit.

4. RATE: Non-RGP Night

This tariff is applicable for aggregate load up to 40 kW and using electricity exclusively during night hours from 10.00 PM to 06.00 AM next day. (The supply hours shall be regulated through time switch to be provided by the consumer at his cost.)

4.1. FIXED CHARGES/MONTH

Fixed charges specified in Rate Non-RGP above.
--

PLUS

4.2. ENERGY CHARGE

For entire consumption during the month	200 Paise per Unit
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NOTE:

- i. 10% of total units consumed and 15% of the contract load can be availed beyond the prescribed hours
- ii. This tariff shall be applicable if the consumer so opts to be charged in place of Non-RGP tariff by using electricity exclusively during night hours as above.
- iii. The option can be exercised to switch over from Non-RGP tariff to Non-RGP Night tariff and vice versa twice in a calendar year by giving not less than one month's notice in writing.
- iv. In case the consumer is not fulfilling the conditions of this tariff category, then such consumer for the relevant billing period will be billed under tariff category Non-RGP.

5. RATE: LTMD-Night

This tariff is applicable for aggregate load above 40 kW and using electricity **exclusively during night hours** from 10.00 PM to 06.00 AM next day. (The supply hours shall be regulated through time switch to be provided by the consumer at his cost.)

5.1. FIXED CHARGE

Fixed charges specified in Rate LTMD above
--

PLUS

5.2. ENERGY CHARGE

For entire consumption during the month	200 Paise per Unit
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5.3. Reactive ENERGY CHARGE

For all the reactive units (KVARH) drawn during the month	10 paise per KVARH
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NOTE:

- i. 10% of total units consumed and 15% of the contract load can be availed beyond the prescribed hours.
- ii. This tariff shall be applicable if the consumer so opts to be charged in place of LTMD tariff by using electricity exclusively during night hours as above.
- iii. The option can be exercised to switch over from LTMD tariff to LTMD-Night tariff and vice versa twice in a calendar year by giving not less than one month's notice in writing.
- iv. In case the consumer is not fulfilling the conditions of this tariff category, then such consumer for the relevant billing period will be billed under tariff category LTMD.

6. RATE: WWSP

This tariff shall be applicable to services used for water works and sewerage pumping purposes.

(a)	Fixed charges per month	Rs. 15 per HP
PLUS		
(b)	Energy charges per month: For entire consumption during the month	365 paise per unit

7. RATE: STREET LIGHTS (SL)

7.1. Tariff for Street Light for Local Authorities and Industrial Estates:

This tariff includes the provision of maintenance, operation and control of the street lighting system.

7.1.1. Energy charges

For all the units consumed during the month	340 Paise per Unit
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7.1.2. Renewal and Replacements of Lamps:

The consumer shall arrange for renewal and replacement of lamp at his cost by person authorised by him in this behalf under Rule-3 of the Indian Electricity Rules, 1956 / Rules issued by CEA under the Electricity Act, 2003.

7.1.3. Maintenance other than Replacement of Lamps:

Maintenance of the street lighting system shall be carried out by Distribution Licensee.

8. RATE: TEMPORARY

This tariff is applicable to services of electricity supply for temporary period at the low voltage.

8.1. FIXED CHARGE

Fixed Charge per Installation	Rs.14 per kW per Day
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8.2. ENERGY CHARGE

A flat rate of	405 Paise per Unit
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Note: Payment of bills is to be made within seven days from the date of issue of the bill. Supply would be disconnected for non-payment of dues on 24 hours' notice.

PART- II
TARIFFS FOR SUPPLY OF ELECTRICITY AT HIGH VOLTAGE
(3.3 KV ABOVE, 3-PHASE 50 C/S), AND EXTRA HIGH TENSION

The following tariffs are available for supply at high tension for large power services for contract demand not less than 100 kVA

1. RATE: HTP - 1

This tariff will be applicable for supply of electricity to HT consumers contracted for 100 kVA and above for regular power supply and requiring the power supply for the purposes not specified in any other HT Categories.

1.1. DEMAND CHARGE

A. For Billing Demand up to Contract Demand

For First 500 kVA of billing demand	Rs. 130 Per kVA per month
For next 500 kVA of billing demand	Rs. 240 Per kVA per month
For billing demand in excess of 1000 kVA	Rs. 425 Per kVA per month

B. For Billing Demand in excess of Contract Demand

For billing demand in excess over the contract demand	Rs. 505 Per kVA per month
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PLUS

1.2. ENERGY CHARGE

For entire consumption during the month		
(a)	Up to 500 kVA of billing demand	370 Paise per unit
(b)	For next 2000 kVA of billing demand	390 Paise per unit
(c)	For billing demand in excess of 2500 kVA	400 Paise per unit

PLUS

1.3. TIME OF USE (TOU) CHARGE

For the Consumption during the two peak periods, viz., 0700 Hrs. to 1100 Hrs. & 1800 Hrs. to 2200 Hrs.	
For Billing Demand up to 500 kVA	35 Paise per unit
For Billing Demand above 500 kVA	75 Paise per unit

1.4. Billing demand

Billing demand shall be the highest of the following:

- a) Actual maximum demand established during the month.
- b) Eighty-five percent of the contract demand
- c) One hundred kVA.

1.5. Minimum Bills

Payment of "demand charges" based on kVA of billing demand.

1.6. POWER FACTOR ADJUSTMENT CHARGE

A. Penalty for poor power factor

(a) The power factor adjustment charges shall be levied at the rate of 1% on the total amount of electricity bills for the month under the head "Energy Charges" for every 1% drop or part thereof in the average power factor during the month below 90% up to 85%.
(b) In addition to the above clause, for every 1% drop or part thereof in average power factor during the month below 85% at the rate of 2% on the total amount of electricity bill for that month under the head "Energy Charges", will be charged.

B. Power Factor rebate

If the power factor of the consumer's installation in any month is above 95%, the consumer will be entitled to a rebate at the rate of 0.5% (half percent) in excess of 95% power factor on the total amount of electricity bill for that month under the head "Energy Charges" for every 1% rise or part thereof in the average power factor during the month above 95%.

1.7. Maximum demand and its measurements

The maximum demand in kW or kVA, as the case may be, shall mean an average KW/KVA supplied during consecutive 30/15 minutes or if consumer is having parallel operation with the grid and has opted for 3 minutes, period of maximum use where such meter with the features of reading the maximum demand in KW/KVA directly, have been provided.

1.8. Contract Demand

The contract demand shall mean the maximum KW/KVA for the supply, of which the supplier undertakes to provide facilities from time to time.

1.9. Rebate for Supply at EHV

On Energy Charges	Rebate @
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(a)	If supply is availed at 33/66 kV	0.5%
(b)	If supply is availed at 132 kV and above	1.0%

1.10. Concession for Use of Electricity during Night Hours:

For the consumer eligible for using supply at any time during 24 hours, entire consumption shall be billed at the energy charges specified above. However, the energy consumed during night hours of 10.00 PM to 06.00 AM next morning (recorded by a poly phase meter operated through time-switch) as is in excess of one third of the total energy consumed during the month, shall be eligible for concession at the rate of 75 Paise per unit. The poly phase meter and time switch shall be procured and installed by the consumer at his cost and sealed by the Distribution Licensee.

1.11. Seasonal Consumers taking HT Supply

- 1.11.1. The expression, "Seasonal Consumer", shall mean a consumer who takes and uses power supply for ice factory, ice-candy machines, ginning and pressing factory, oil mill, rice mill, salt industry, sugar factory, khandsari, cold storage plants (including such plants in fishery industry), tapioca industries manufacturing starch, pumping load or irrigation, white coal manufacturers etc.
- 1.11.2. A consumer, who desires to be billed for minimum charges on annual basis, shall intimate in writing in advance about the off-season during which energy consumption, if any, shall be mainly for overhauling of the plant and machinery. The off-season period at any time shall be a full calendar month/months. The total period of off-season so declared and observed shall be not less than three calendar months in a calendar year.
- 1.11.3. The total minimum amount under the head "Demand and Energy Charges" payable by a seasonal consumer satisfying the eligibility criteria under sub clause 1.11.1 above and complying with provisions stipulated under sub clauses 1.11.2 above shall be Rs. 4000/- per annum per kVA of the billing demand.
- 1.11.4. The billing demand shall be the highest of the following:
- a) The highest of the actual maximum demand registered during the calendar year.
 - b) Eighty-five percent of the arithmetic average of contract demand during the year.

c) One hundred kVA

1.11.5. Units consumed during the off-season period shall be charged for at the flat rate of 370 Paise per unit.

1.11.6. Electricity bills paid during off-season period shall not be taken into account towards the amount payable against the annual minimum bill. The amount paid by the consumer towards the electricity bills for seasonal period only under the heads "Demand Charges" and "Energy Charges" shall be taken into account while determining the amount payable towards the annual minimum bill.

2. RATE: HTP-II

Applicability: This tariff shall be applicable for supply of energy to HT consumers contracting for 100 KVA and above, requiring power supply for Water Works and Sewerage pumping stations.

2.1. DEMAND CHARGE

A. For Billing Demand up to Contract Demand

For First 500 kVA of billing demand	Rs. 90 Per kVA per month
For next 500 kVA of billing demand	Rs. 190 Per kVA per month
For billing demand in excess of 1000 kVA	Rs. 250 Per kVA per month

B. For Billing Demand in excess of Contract Demand

For billing demand in excess of contract demand	Rs. 335 Per kVA per month
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PLUS

2.2. ENERGY CHARGE

For entire consumption during the month		
(a)	Up to 500 kVA of billing demand	370 Paise per unit
(b)	For next 2000 kVA of billing demand	390 Paise per unit
(c)	For billing demand in excess of 2500 kVA	400 Paise per unit

PLUS

2.3. TIME OF USE (TOU) CHARGE

For the Consumption during the two peak periods, viz., 0700 Hrs. to 1100 Hrs. & 1800 Hrs. to 2200 Hrs.
--

For Billing Demand up to 500 kVA	35 Paise per unit
For Billing Demand above 500 kVA	75 Paise per unit

- 2.4. **Billing Demand**
 - 2.5. **Minimum Bill**
 - 2.6. **Power Factor Adjustment Charges**
 - 2.7. **Maximum Demand and its measurement**
 - 2.8. **Contract Demand**
 - 2.9. **Rebate for Supply at EHV**
- } Same as per HTP-I tariff

3. RATE: HTP-III

This tariff shall be applicable to a consumer taking supply of electricity at high voltage, contracting for not less than 100 kVA for temporary period. A consumer not taking supply on regular basis under a proper agreement shall be deemed to be taking supply for temporary period

3.1. DEMAND CHARGE

For Billing Demand up to Contract Demand	Rs. 462 Per kVA per month
For Billing Demand in excess of Contract Demand	Rs. 550 per kVA per month

PLUS

3.2. ENERGY CHARGE

For all units consumed during the month	610 Paise per Unit
---	--------------------

PLUS

3.3. TIME OF USE (TOU) CHARGE

Additional charge for energy consumption during two peak periods, viz. 0700 Hrs. to 1100 Hrs. an 1800 Hrs. to 2200 Hrs.	75 Paise per unit
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- 3.4. Billing Demand
 - 3.5. Minimum Bill
 - 3.6. Power Factor Adjustment Charges
 - 3.7. Maximum Demand and its measurement
 - 3.8. Contract Demand
 - 3.9. Rebate for Supply at EHV
- } Same as per HTP-I tariff

4. HTP-IV

This tariff shall be applicable for supply of electricity to HT consumers opting to use electricity exclusively during night hours from 10.00 PM to 06.00 AM next day and contracted for regular power supply of 100 kVA and above.

4.1. Demand Charges

Same rates as specified in HTP-I

PLUS

4.2. ENERGY CHARGE

For all units consumed during the month	180 Paise per Unit
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- 4.3. Billing Demand
 - 4.4. Minimum Bill
 - 4.5. Power Factor Adjustment Charges
 - 4.6. Maximum Demand and its measurement
 - 4.7. Contract Demand
 - 4.8. Rebate for Supply at EHV
- } Same as per HTP-I tariff

Note:

1. 10% of total units consumed and 15% of the contract demand can be availed beyond the prescribed hours for the purpose of maintenance.
2. For the purpose of office lighting, fans etc. the consumer may apply for a separate connection.
3. This tariff shall be applicable if the consumer so opts to be charged in place of HTP-I tariff by using electricity exclusively during night hours as above.

4. The option can be exercised to switch over from HTP-I to HTP-IV tariff and vice versa twice in a calendar year by giving not less than one month's notice in writing.
5. In case the consumer is not fulfilling the conditions of this tariff category, then such consumer for the relevant billing period will be billed under tariff category HTP-I.

ANNEXURE-2

TARIFF FILING FORMS (DISTRIBUTION)

Form D - 1: TPL-D (Dahej)
Cost of Purchase of Power - Bilateral/ Others

			UOM	2014-15
A		Physical Data		
	1	Share of utility	MW	
	2	Maximum entitled power purchase	MKwh	
	3	Actual Purchase of Power by the Utility	MKwh	150.82
B		Cost Data		
	1	Basic Variable Cost	Rs / Kwh	3.47
	2	Transmission charge	Rs / Kwh	0.18
	3	Other Charges	Rs / Kwh	
	4	Total Variable Charge	Rs / Kwh	
	5	Basic Variable Cost	Rs. In Crores	52.38
	6	Transmission charge	Rs. In Crores	2.69
	7	Other Charges	Rs. In Crores	
	8	Total Variable Charge	Rs. In Crores	55.08
		Fixed Cost		
	9	Interest on debt	Rs. In Crores	
	10	Depreciation	Rs. In Crores	
	11	O & M	Rs. In Crores	
	12	Water Charges	Rs. In Crores	
	13	Insurance	Rs. In Crores	-
	14	Interest on Working Capital	Rs. In Crores	
	15	Return on Equity	Rs. In Crores	
	16	Tax	Rs. In Crores	
	17	Total Fixed Cost	Rs. In Crores	-
	18	Total Fixed Cost	Rs / Kwh	-
	19	Incentive (Dis) and Gains/ (Losses)	Rs. In Crores	
	20	Less:Other Income	Rs. In Crores	
	21	Total variable and fixed Cost and incentive	Rs. In Crores	55.08
	22	Cost of Purchase of Power per Unit	Rs / Kwh	3.65

Form D - 1: TPL - D (Dahej)
Cost of Purchase of Power - Renewable

			UoM	2014-15
A		Physical Data		
	1	Share of utility	MW	
	2	Maximum entitled power purchase	MKwh	
	3	Actual Purchase of Power by the Utility	MKwh	-
B		Cost Data		
	1	Basic Variable Cost	Rs / Kwh	-
	2	Transmission charge	Rs / Kwh	-
	3	Other Charges	Rs / Kwh	
	4	Total Variable Charge	Rs / Kwh	
	5	Basic Variable Cost	Rs. In Crores	-
	6	Transmission charge	Rs. In Crores	-
	7	Other Charges	Rs. In Crores	-
	8	Total Variable Charge	Rs. In Crores	-
		Fixed Cost		
	9	Interest on debt	Rs. In Crores	
	10	Depreciation	Rs. In Crores	
	11	O & M	Rs. In Crores	
	12	Insurance	Rs. In Crores	
	13	Interest on Working Capital	Rs. In Crores	
	14	Return on Equity	Rs. In Crores	
	15	Tax	Rs. In Crores	
	16	Total Fixed Cost	Rs. In Crores	
	17	Total Fixed Cost	Rs / Kwh	-
	18	Incentive (Dis)	Rs. In Crores	
	19	Minus:Other Income	Rs. In Crores	
	20	Total variable and fixed Cost and incentive	Rs. In Crores	-
	21	Cost of Purchase of Power per Unit	Rs / Kwh	-
C	1	REC (Non-Solar)	MKwh	10.18
	2	REC Purchase Cost (Non-Solar)	Rs. In Crores	1.53
	3	REC (Solar)	MKwh	1.89
	4	REC Purchase Cost (Solar)	Rs. In Crores	0.66

Form D - 2: TPL-D (Dahej)
Fixed Assets and Depreciation

(Rs. In Crores)

Particulars	Applicable depreciation Rate	Gross Block as at 01.04.2014	Addition to Gross Block During 2014-15	Deletion to Gross Block During 2014-15	Depreciation	Gross Block as on 31.03.2015
Land - Freehold	-	-	-	-	-	-
- Leasehold	3.34%	5.56	-	-	0.19	5.56
Buildings	3.34%	37.50	0.27	0.00	1.25	37.77
Plant & Machinery	5.28%/6.33%	5.13	0.37	0.01	0.30	5.50
	5.28%	3.30	0.27	0.01	0.18	3.56
	6.33%	1.84	0.11	-	0.12	1.94
Switchgears, Transformers etc.	5.28%	28.93	2.82	-	1.61	31.75
Capacitors I	5.28%	-	-	-	-	-
Capacitors II	5.28%	-	-	-	-	-
Meters	5.28%	0.15	0.11	-	0.01	0.27
Distribution System						
Overhead	5.28%	3.44	0.69	-	0.22	4.13
Underground	5.28%	39.45	2.26	-	2.15	41.71
Vehicles	9.50%	-	-	-	-	-
Furniture & Fixtures	6.33%	0.38	-	0.01	0.02	0.38
Computers	15.00%	1.34	0.18	0.01	0.36	1.52
Office Equipments	6.33%	0.01	0.00	-	0.00	0.01
Electrical Fittings & Apparatus	5.28%/6.33%	1.94	0.03	0.01	0.11	1.97
	5.28%	0.90	0.03	0.01	0.05	0.92
	6.33%	1.04	0.00	0.00	0.07	1.04
TOTAL (A)		123.85	6.74	0.03	6.21	130.56
Less SLC and others	5.28%	12.86	4.02	-	0.85	16.88
Total Net		110.99	2.73	0.03	5.37	113.68

Form D-3: TPL-D (Dahej)
Calculation of Interest

FY 2014-15

(Rs. in Crores)

A) Loan & Debentures	Type of the borrowing & Name of the Lender	Op. Bal. of outstanding Loans / Debentures	Borrowings during the Year		Repayment amount during the year	Closing Balance of Outstanding loan / debentures	Rate of Interest prevailing on 01.04.2014	Amount of Interest
			Date	Amount				
A) Loan & Debentures								
Term Loan	Term Loan	69.78	-	1.89	5.37	66.30	13.5%*	9.19
B) Others								
Security Deposits	Consumer Deposit	25.33	-	1.99	-	27.32	9.00%	2.35
Others (to specify)	Other borrowing cost							0.13
TOTAL								11.66

* Weighted average interest rate arrived at considering actual loan portfolio prevailing on 01.04.2014

Form D - 4
Sale of Electrical Energy
2016-17

	Particulars	Non RGP	HTP - I	HTP - II	HTP - III- Temp	
A	Physical Data					
1	Units Sold	Mkwh	0.74	130.12	0.14	8.72
2	Unit Sold during peak hours (ToU)	KWH	-	43.00	0.03	2.89
3	Connected Load	HP/Kw	-	-	-	-
4	Contract Demand	Kw/KVA/HP	278	-	550	-
5	Actual Recorded Demand	Kw/KVA	-	-	-	-
6	Monthly Normal Billed Demand	Kw/KVA	-	32,511	519	2,714
7	Excess Billed Demand	Kw/KVA	-	-	-	-
8	Total Billed Demand	Kw/KVA	-	32,511	519	2,714
9	Number of Single Phase Consumers	Nos.	2	-	-	-
10	Number of Three Phase Consumers	Nos.	11	36	1	18
11	Total Number of Consumers	Nos.	13	36	1	18
12	Power Factor	%	0%	90%	90%	0%
13	Monthly Consumption per consumer	KWH/Mtr	4,748	3,01,194	12,000	40,200
14	Contract Demand per Consumer	Kw/KVA/HP	21	-	550	-
15	Normal Billed Demand per Consumer	Kw/KVA	-	903	519	150
16	Excess Billed Demand per Consumer	Kw/KVA	-	-	-	-
17	Total Billed Demand per Consumer	Kw/KVA	-	903	519	150
B	Sales Revenue					
1	Fixed Charge / Demand Charge	Rs. In Lakhs	2	739	6	150
2	Excess Demand Charge	Rs. In Lakhs	-	-	-	-
3	Total Fixed Charge / Demand Charge	Rs. In Lakhs	2	739	6	150
4	Energy Charge	Rs. In Lakhs	29	5,099	6	532
5	Time of Use Charge	Rs. In Lakhs	-	307	0	22
6	Power Factor Adjustment	Rs. In Lakhs	-	(124)	2	21
7	Energy + ToU + PF Adjustment Charge (4+5+6)	Rs. In Lakhs	29	5,281	8	575
8	Fuel Cost Adjustment	Rs. In Lakhs	5	807	1	54
9	Total Charge	Rs. In Lakhs	36	6,827	14	780
10	Prompt Payment Discount	Rs. In Lakhs	-	-	-	-
11	Net Sale of Energy	Rs. In Lakhs	36	6,827	14	780
C	Sales Revenue					
1	Fixed Charge / Demand Charge	Paise per unit	24	57	406	172
2	Excess Demand Charge	Paise per unit	-	-	-	-
3	Total Fixed Charge / Demand Charge	Paise per unit	24	57	406	172
4	Energy Charge	Paise per unit	398	392	390	610
5	Time of Use Charge	Paise per unit	-	24	15	25
6	Power Factor Adjustment	Paise per unit	-	(10)	129	24
7	Energy + ToU + PF Adjustment Charge (4+5+6)	Paise per unit	398	406	534	659
8	Fuel Cost Adjustment	Paise per unit	62	62	62	62
9	Total Charge	Paise per unit	484	525	1,002	894
10	Prompt Payment Discount, if Any.	Paise per unit	-	-	-	-
11	Net Sale of Energy	Paise per unit	484	525	1,002	894

Form D - 4
Sale of Electrical Energy
2016-17

		Particulars	WWSP	Temp	Stg Ltg	Total	
A		Physical Data					
	1	Units Sold	Mkwh	0.10	0.67	0.12	140.61
	2	Unit Sold during peak hours (ToU)	KWH	-	-	-	45.93
	3	Connected Load	HP/Kw	-	-	-	-
	4	Contract Demand	Kw/KVA/HP	104	348	113	1,393
	5	Actual Recorded Demand	Kw/KVA	-	-	-	-
	6	Monthly Normal Billed Demand	Kw/KVA	-	-	-	35,744
	7	Excess Billed Demand	Kw/KVA	-	-	-	-
	8	Total Billed Demand	Kw/KVA	-	-	-	35,744
	9	Number of Single Phase Consumers	Nos.	-	10	14	26
	10	Number of Three Phase Consumers	Nos.	2	-	-	68
	11	Total Number of Consumers	Nos.	2	10	14	93
	12	Power Factor	%	0%	0%	0%	
	13	Monthly Consumption per consumer	KWH/Mtr	5,365	5,798	712	
	14	Contract Demand per Consumer	Kw/KVA/HP	66	36	8	
	15	Normal Billed Demand per Consumer	Kw/KVA	-	-	-	
	16	Excess Billed Demand per Consumer	Kw/KVA	-	-	-	
	17	Total Billed Demand per Consumer	Kw/KVA	-	-	-	
B		Sales Revenue					
	1	Fixed Charge / Demand Charge	Rs. In Lakhs	0	18	-	915
	2	Excess Demand Charge	Rs. In Lakhs	-	-	-	-
	3	Total Fixed Charge / Demand Charge	Rs. In Lakhs	0	18	-	915
	4	Energy Charge	Rs. In Lakhs	4	27	4	5,701
	5	Time of Use Charge	Rs. In Lakhs	-	-	-	329
	6	Power Factor Adjustment	Rs. In Lakhs	-	-	-	(101)
	7	Energy + ToU + PF Adjustment Charge (4+5+6)	Rs. In Lakhs	4	27	4	5,928
	8	Fuel Cost Adjustment	Rs. In Lakhs	1	4	1	872
	9	Total Charge	Rs. In Lakhs	5	49	5	7,715
	10	Prompt Payment Discount	Rs. In Lakhs	-	-	-	-
	11	Net Sale of Energy	Rs. In Lakhs	5	49	5	7,715
C		Sales Revenue					
	1	Fixed Charge / Demand Charge	Paise per unit	18	264	-	65
	2	Excess Demand Charge	Paise per unit	-	-	-	-
	3	Total Fixed Charge / Demand Charge	Paise per unit	18	264	-	65
	4	Energy Charge	Paise per unit	365	405	340	405
	5	Time of Use Charge	Paise per unit	-	-	-	23
	6	Power Factor Adjustment	Paise per unit	-	-	-	(7)
	7	Energy + ToU + PF Adjustment Charge (4+5+6)	Paise per unit	365	405	340	422
	8	Fuel Cost Adjustment	Paise per unit	62	62	62	62
	9	Total Charge	Paise per unit	445	731	402	549
	10	Prompt Payment Discount, if Any.	Paise per unit	-	-	-	-
	11	Net Sale of Energy	Paise per unit	445	731	402	549

	Particulars		Upto 10 kW	Above 10 kW - upto 40 kW	Total Monthly	Annual
A	Physical Data					
1	Monthly Consumption	Mkwh	0.00	0.06	0.06	0.74
2	Unit Sold during peak hours (TOU)	Mkwh	-	-		
3	Connected Load	HP/Kw				
4	Contract Demand	Kw/KVA	17.04	260.46	277.50	277.50
5	Actual Recorded Demand	Kw/KVA				
6	Normal Billed Demand	Kw/KVA				
7	Excess Billed Demand	Kw/KVA				
8	Total Billed Demand	Kw/KVA				
9	Number of Single Phase Consumers	Nos.	2	-	2	2
10	Number of Three Phase Consumers	Nos.	3	8	11	11
11	Total Number of Consumers	Nos.	5	8	13	13
12	Power Factor	%				
13	Monthly Consumption per consumer	KWH/Mtr	740.29	7,348.45	4,747.82	4,747.82
14	Contract Demand per Consumer	HP/Kw	3.35	33.25	21.48	21.48
15	Normal Billed/Contract Demand per Consumer	Kw/KVA				
16	Excess Billed Demand per Consumer	Kw/KVA				
17	Total Billed Demand per Consumer	Kw/KVA				
B	Sales Revenue					
1	Fixed Charge / Demand Charge	Rs. In Lakhs	0.01	0.14	0.15	1.78
2	Excess Demand Charge	Rs. In Lakhs				
3	Total Fixed Charge / Demand Charge	Rs. In Lakhs	0.01	0.14	0.15	1.78
4	Energy Charge	Rs. In Lakhs	0.14	2.30	2.44	29.30
5	Time of Use Charge	Rs. In Lakhs	-	-	-	-
6	Power Factor Adjustment	Rs. In Lakhs	-	-	-	-
7	Energy + ToU + PF Adjustment Charge (4+5+6)	Rs. In Lakhs	0.14	2.30	2.44	29.30
8	Fuel Cost Adjustment	Rs. In Lakhs	0.02	0.36	0.38	4.56
9	Total Charge	Rs. In Lakhs	0.17	2.80	2.97	35.64
10	Prompt Payment Discount	Rs. In Lakhs				-
11	Net Sale of Energy	Rs. In Lakhs	0.17	2.80	2.97	35.64
C	Sales Revenue					
1	Fixed Charge / Demand Charge	Paise per unit	14	25	24	24
2	Excess Demand Charge	Paise per unit	-	-	-	-
3	Total Fixed Charge / Demand Charge	Paise per unit	14	25	24	24
4	Energy Charge	Paise per unit	370	400	398	398
5	Time of Use Charge	Paise per unit	-	-	-	-
6	Power Factor Adjustment	Paise per unit	-	-	-	-
7	Energy + ToU + PF Adjustment Charge (4+5+6)	Paise per unit	370	400	398	398
8	Fuel Cost Adjustment	Paise per unit	62	62	62	62
9	Total Charge	Paise per unit	446	487	484	484
10	Prompt Payment Discount	Paise per unit	-	-	-	-
11	Net Sale of Energy	Paise per unit	446	487	484	484

	Particulars		0 - upto 500	Above 500 - Upto 1000	Above 1000	Monthly Total	Annual
A	Physical Data						
1(a)	0-500 kVA billing Demand	Mkwh	1.01			1.01	12.18
1(b)	501-2500 kVA of billing demand	Mkwh		2.01	3.78	5.79	69.45
1(c)	For billing demand in excess of 2500 kVA	Mkwh			4.04	4.04	48.49
1	Monthly Consumption	Mkwh	1.01	2.01	7.82	10.84	130.12
2	Unit Sold during peak hours (TOU)	KWH	0.33	0.66	2.60	3.58	43.00
3	Connected Load	HP/Kw					
4	Contract Demand	Kw/KVA				-	-
5	Actual Recorded Demand	Kw/KVA					
6	Normal Billed Demand	Kw/KVA	3,044	6,021	23,446	32,511	32,511
7	Excess Billed Demand	Kw/KVA	-	-	-	-	-
8	Total Billed Demand	Kw/KVA	3,044	6,021	23,446	32,511	32,511
9	Number of Single Phase Consumers	Nos.	-	-	-	-	-
10	Number of Three Phase Consumers	Nos.	17	8	11	36	36
11	Total Number of Consumers	Nos.	17	8	11	36	36
12	Power Factor	%	90%	90%	90%	90%	90%
13	Monthly Consumption per consumer	KWH/Mtr	58,830	2,45,979	7,38,838	3,01,194	3,01,194
14	Contract Demand per Consumer	Kw/KVA	-	-	-	-	-
15	Normal Billed Demand per Consumer	Kw/KVA	176	737	2,215	903	903
16	Excess Billed Demand per Consumer	Kw/KVA	-	-	-	-	-
17	Total Billed Demand per Consumer	Kw/KVA	176	737	2,215	903	903
B	Sales Revenue						
1	Fixed Charge / Demand Charge	Rs. In Lakhs	3.04	7.96	50.60	61.61	739.27
2	Excess Demand Charge	Rs. In Lakhs					
3	Total Fixed Charge / Demand Charge	Rs. In Lakhs	3.04	7.96	50.60	61.61	739.27
4	Energy Charge	Rs. In Lakhs	37.55	78.34	309.00	424.89	5,098.66
5	Time of Use Charge	Rs. In Lakhs	1.15	4.94	19.46	25.56	306.69
6	Power Factor Adjustment	Rs. In Lakhs	(0.38)	(1.48)	(8.49)	(10.35)	(124.18)
7	Energy + ToU + PF Adjustment Charge (4+5+6)	Rs. In Lakhs	38.33	81.80	319.97	440.10	5,281.17
8	Fuel Cost Adjustment	Rs. In Lakhs	6.29	12.45	48.48	67.23	806.72
9	Total Charge	Rs. In Lakhs	47.66	102.22	419.05	568.93	6,827.17
10	Prompt Payment Discount	Rs. In Lakhs	-	-	-	-	-
11	Net Sale of Energy	Rs. In Lakhs	47.66	102.22	419.05	568.93	6,827.17
C	Sales Revenue						
1	Fixed Charge / Demand Charge	Paise per unit	30	40	65	57	57
2	Excess Demand Charge	Paise per unit	-	-	-	-	-
3	Total Fixed Charge / Demand Charge	Paise per unit	30	40	65	57	57
4	Energy Charge	Paise per unit	370	390	395	392	392
5	Time of Use Charge	Paise per unit	11	25	25	24	24
6	Power Factor Adjustment	Paise per unit	(4)	(7)	(11)	(10)	(10)
7	Energy + ToU + PF Adjustment Charge (4+5+6)	Paise per unit	378	407	409	406	406
8	Fuel Cost Adjustment	Paise per unit	62	62	62	62	62
9	Total Charge	Paise per unit	470	509	536	525	525
10	Prompt Payment Discount, if Any.	Paise per unit	-	-	-	-	-
11	Net Sale of Energy	Paise per unit	470	509	536	525	525

	Particulars		0 - upto 500	Above 500 - Upto 1000	Above 1000	Monthly Total	Annual
A	Physical Data						
1(a)	0-500 kVA billing Demand	Mkwh	-			-	-
1(b)	501-2500 kVA of billing demand	Mkwh		0.01	-	0.01	0.14
1(c)	For billing demand in excess of 2500 kVA	Mkwh			-	-	-
1	Monthly Consumption	Mkwh	-	0.01	-	0.01	0.14
2	Unit Sold during peak hours (TOU)	KWH	-	0.00	-	0.00	0.03
3	Connected Load	HP/Kw					
4	Contract Demand	Kw/KVA	-	550.00	-	550.00	550.00
5	Actual Recorded Demand	Kw/KVA					
6	Normal Billed Demand	Kw/KVA	-	519.44	-	519.44	519.44
7	Excess Billed Demand	Kw/KVA	-	-	-	-	-
8	Total Billed Demand	Kw/KVA	-	519.44	-	519.44	519.44
9	Number of Single Phase Consumers	Nos.	-	-	-	-	-
10	Number of Three Phase Consumers	Nos.	-	1	-	1	1
11	Total Number of Consumers	Nos.	-	1	-	1	1
12	Power Factor	%	-	90%	-	90%	90%
13	Monthly Consumption per consumer	KWH/Mtr	-	12,000	-	12,000	12,000
14	Contract Demand per Consumer	Kw/KVA	-	550	-	550	550
15	Normal Billed Demand per Consumer	Kw/KVA	-	519	-	519	519
16	Excess Billed Demand per Consumer	Kw/KVA	-	-	-	-	-
17	Total Billed Demand per Consumer	Kw/KVA	-	519	-	519	519
B	Sales Revenue						
1	Fixed Charge / Demand Charge	Rs. In Lakhs	-	0.49	-	0.49	5.84
2	Excess Demand Charge	Rs. In Lakhs	-	-	-	-	-
3	Total Fixed Charge / Demand Charge	Rs. In Lakhs	-	0.49	-	0.49	5.84
4	Energy Charge	Rs. In Lakhs	-	0.47	-	0.47	5.62
5	Time of Use Charge	Rs. In Lakhs	-	0.02	-	0.02	0.22
6	Power Factor Adjustment	Rs. In Lakhs	-	0.15	-	0.15	1.86
7	Energy + ToU + PF Adjustment Charge (4+5+6)	Rs. In Lakhs	-	0.64	-	0.64	7.69
8	Fuel Cost Adjustment	Rs. In Lakhs	-	0.07	-	0.07	0.89
9	Total Charge	Rs. In Lakhs	-	1.20	-	1.20	14.43
10	Prompt Payment Discount	Rs. In Lakhs	-	-	-	-	-
11	Net Sale of Energy	Rs. In Lakhs	-	1.20	-	1.20	14.43
C	Sales Revenue						
1	Fixed Charge / Demand Charge	Paise per unit	-	406	-	406	406
2	Excess Demand Charge	Paise per unit	-	-	-	-	-
3	Total Fixed Charge / Demand Charge	Paise per unit	-	406	-	406	406
4	Energy Charge	Paise per unit	-	390	-	390	390
5	Time of Use Charge	Paise per unit	-	15	-	15	15
6	Power Factor Adjustment	Paise per unit	-	129	-	129	129
7	Energy + ToU + PF Adjustment Charge (4+5+6)	Paise per unit	-	534	-	534	534
8	Fuel Cost Adjustment	Paise per unit	-	62	-	62	62
9	Total Charge	Paise per unit	-	1,002	-	1,002	1,002
10	Prompt Payment Discount, if Any.	Paise per unit	-	-	-	-	-
11	Net Sale of Energy	Paise per unit	-	1,002	-	1,002	1,002

		Particulars		Upto contract Demand	Monthly Total	Annual
A		Physical Data				
	1	Monthly Consumption	Mkwh	0.73	0.73	8.72
	2	Unit Sold during peak hours (TOU)	Mkwh	0.24	0.24	2.89
	3	Connected Load	HP/Kw			
	4	Contract Demand	Kw/KVA		-	-
	5	Actual Recorded Demand	Kw/KVA			
	6	Normal Billed Demand	Kw/KVA	2,713.62	2,713.62	2,713.62
	7	Excess Billed Demand	Kw/KVA	-	-	-
	8	Total Billed Demand	Kw/KVA	2,713.62	2,713.62	2,713.62
	9	Number of Single Phase Consumers	Nos.	-	-	-
	10	Number of Three Phase Consumers	Nos.	18	18	18
	11	Total Number of Consumers	Nos.	18	18	18
	12	Power Factor	%	90%	90%	
	13	Monthly Consumption per consumer	KWH/Mtr	40,200	40,200	40,200
	14	Contract Demand per Consumer	Kw/KVA	-	-	-
	15	Normal Billed Demand per Consumer	Kw/KVA	150	150	150
	16	Excess Billed Demand per Consumer	Kw/KVA	-	-	-
	17	Total Billed Demand per Consumer	Kw/KVA	150	150	150
B		Sales Revenue				
	1	Fixed Charge / Demand Charge	Rs. In Lakhs	12.54	12.54	150.44
	2	Excess Demand Charge	Rs. In Lakhs	-	-	-
	3	Total Fixed Charge / Demand Charge	Rs. In Lakhs	12.54	12.54	150.44
	4	Energy Charge	Rs. In Lakhs	44.34	44.34	532.12
	5	Time of Use Charge	Rs. In Lakhs	1.81	1.81	21.71
	6	Power Factor Adjustment	Rs. In Lakhs	1.78	1.78	21.32
	7	Energy + ToU + PF Adjustment Charge (4+5+6)	Rs. In Lakhs	47.93	47.93	575.14
	8	Fuel Cost Adjustment	Rs. In Lakhs	4.51	4.51	54.08
	9	Total Charge	Rs. In Lakhs	64.97	64.97	779.67
	10	Prompt Payment Discount	Rs. In Lakhs	-	-	-
	11	Net Sale of Energy	Rs. In Lakhs	64.97	64.97	779.67
C		Sales Revenue				
	1	Fixed Charge / Demand Charge	Paise per unit	172	172	172
	2	Excess Demand Charge	Paise per unit	-	-	-
	3	Total Fixed Charge / Demand Charge	Paise per unit	172	172	172
	4	Energy Charge	Paise per unit	610	610	610
	5	Time of Use Charge	Paise per unit	25	25	25
	6	Power Factor Adjustment	Paise per unit	24	24	24
	7	Energy + ToU + PF Adjustment Charge (4+5+6)	Paise per unit	659	659	659
	8	Fuel Cost Adjustment	Paise per unit	62	62	62
	9	Total Charge	Paise per unit	894	894	894
	10	Prompt Payment Discount, if Any.	Paise per unit	-	-	-
	11	Net Sale of Energy	Paise per unit	894	894	894

Form D - 4
Sale of Electrical Energy
2016-17

WWSP

		Particulars		Total	Annual
A		Physical Data			
	1	Monthly Consumption	Mkwh	0.01	0.10
	2	Unit Sold during peak hours (ToU)	KWH		
	3	Connected Load	HP/Kw		
	4	Contract Demand	Kw/KVA	103.78	103.78
	5	Actual Recorded Demand	Kw/KVA		
	6	Normal Billed Demand	Kw/KVA		
	7	Excess Billed Demand	Kw/KVA		
	8	Total Billed Demand	Kw/KVA		
	9	Number of Single Phase Consumers	Nos.	-	-
	10	Number of Three Phase Consumers	Nos.	2	2
	11	Total Number of Consumers	Nos.	2	2
	12	Power Factor	%		
	13	Monthly Consumption per consumer	KWH/Mtr	5,365	5,365
	14	Contract Demand per Consumer	HP/Kw	66	66
	15	Normal Billed Demand per Consumer	Kw/KVA		
	16	Excess Billed Demand per Consumer	Kw/KVA		
	17	Total Billed Demand per Consumer	Kw/KVA		
B		Sales Revenue			
	1	Fixed Charge / Demand Charge	Rs. In Lakhs	0.02	0.19
	2	Excess Demand Charge	Rs. In Lakhs	-	-
	3	Total Fixed Charge / Demand Charge	Rs. In Lakhs	0.02	0.19
	4	Energy Charge	Rs. In Lakhs	0.31	3.72
	5	Time of Use Charge	Rs. In Lakhs		
	6	Power Factor Adjustment	Rs. In Lakhs		
	7	Energy + ToU + PF Adjustment Charge (4+5+6)	Rs. In Lakhs	0.31	3.72
	8	Fuel Cost Adjustment	Rs. In Lakhs	0.05	0.63
	9	Total Charge	Rs. In Lakhs	0.38	4.54
	10	Prompt Payment Discount	Rs. In Lakhs	-	-
	11	Net Sale of Energy	Rs. In Lakhs	0.38	4.54
C		Sales Revenue			
	1	Fixed Charge / Demand Charge	Paise per unit	18	18
	2	Excess Demand Charge	Paise per unit	-	-
	3	Total Fixed Charge / Demand Charge	Paise per unit	18	18
	4	Energy Charge	Paise per unit	365	365
	5	Time of Use Charge	Paise per unit	-	-
	6	Power Factor Adjustment	Paise per unit	-	-
	7	Energy + ToU + PF Adjustment Charge (4+5+6)	Paise per unit	365	365
	8	Fuel Cost Adjustment	Paise per unit	62	62
	9	Total Charge	Paise per unit	445	445
	10	Prompt Payment Discount	Paise per unit	-	-
	11	Net Sale of Energy	Paise per unit	445	445

		Particulars		Temporary	Annual
A		Physical Data			
	1	Monthly Consumption	Mkwh	0.06	0.67
	2	Unit Sold during peak hours (ToU)	Mkwh		
	6	Connected Load	HP/Kw		
	4	Contract Demand	Kw/KVA	347.86	347.86
	5	Actual Recorded Demand	Kw/KVA		
	6	Normal Billed Demand	Kw/KVA		
	7	Excess Billed Demand	Kw/KVA		
	8	Total Billed Demand	Kw/KVA		
	9	Number of Single Phase Consumers	Nos.	10	10
	10	Number of Three Phase Consumers	Nos.	-	-
	11	Total Number of Consumers	Nos.	10	10
	12	Power Factor	%		
	13	Monthly Consumption per consumer	KWH/Mtr	5,798	5,798
	14	Contract Demand per Consumer	HP/Kw	36	36
	15	Normal Billed Demand per Consumer	Kw/KVA		
	16	Excess Billed Demand per Consumer	Kw/KVA		
	17	Total Billed Demand per Consumer	Kw/KVA		
B		Sales Revenue			
	1	Fixed Charge / Demand Charge	Rs. In Lakhs	1.48	17.78
	2	Excess Demand Charge	Rs. In Lakhs		
	3	Total Fixed Charge / Demand Charge	Rs. In Lakhs	1.48	17.78
	4	Energy Charge	Rs. In Lakhs	2.27	27.24
	5	Time of Use Charge	Rs. In Lakhs		
	6	Power Factor Adjustment	Rs. In Lakhs		
	7	Energy + ToU + PF Adjustment Charge (4+5+6)	Rs. In Lakhs	2.27	27.24
	8	Fuel Cost Adjustment	Rs. In Lakhs	0.35	4.17
	9	Total Charge	Rs. In Lakhs	4.10	49.19
	10	Prompt Payment Discount	Rs. In Lakhs	-	-
	11	Net Sale of Energy	Rs. In Lakhs	4.10	49.19
C		Sales Revenue			
	1	Fixed Charge / Demand Charge	Paise per unit	264	264
	2	Excess Demand Charge	Paise per unit	-	-
	3	Total Fixed Charge / Demand Charge	Paise per unit	264	264
	4	Energy Charge	Paise per unit	405	405
	5	Time of Use Charge	Paise per unit	-	-
	6	Power Factor Adjustment	Paise per unit	-	-
	7	Energy + ToU + PF Adjustment Charge (4+5+6)	Paise per unit	405	405
	8	Fuel Cost Adjustment	Paise per unit	62	62
	9	Total Charge	Paise per unit	731	731
	10	Prompt Payment Discount, if Any.	Paise per unit	-	-
	11	Net Sale of Energy	Paise per unit	731	731

Form D - 4
Sale of Electrical Energy
2016-17 Existing

SL

		Particulars		Street Light	Annual
A		Physical Data			
	1	Monthly Consumption	Mkwh	0.01	0.12
	2	Unit Sold during peak hours (ToU)	Mkwh		
	3	Connected Load	HP/Kw		
	4	Contract Demand	Kw/KVA	113.50	113.50
	5	Actual Recorded Demand	Kw/KVA		
	6	Normal Billed Demand	Kw/KVA		
	7	Excess Billed Demand	Kw/KVA		
	8	Total Billed Demand	Kw/KVA		
	9	Number of Single Phase Consumers	Nos.	14	14
	10	Number of Three Phase Consumers	Nos.	-	-
	11	Total Number of Consumers	Nos.	14	14
	12	Power Factor	%		
	13	Monthly Consumption per consumer	KWH/Mtr	712.11	712.11
	14	Contract Demand per Consumer	HP/Kw	8.11	8.11
	15	Normal Billed Demand per Consumer	Kw/KVA		
	16	Excess Billed Demand per Consumer	Kw/KVA		
	17	Total Billed Demand per Consumer	Kw/KVA		
B		Sales Revenue			
	1	Fixed Charge / Demand Charge	Rs. In Lakhs	-	-
	2	Excess Demand Charge	Rs. In Lakhs		
	3	Total Fixed Charge / Demand Charge	Rs. In Lakhs	-	-
	4	Energy Charge	Rs. In Lakhs	0.34	4.07
	5	Time of Use Charge	Rs. In Lakhs		
	6	Power Factor Adjustment	Rs. In Lakhs		
	7	Energy + ToU + PF Adjustment Charge (4+5+6)	Rs. In Lakhs	0.34	4.07
	8	Fuel Cost Adjustment	Rs. In Lakhs	0.06	0.74
	9	Total Charge	Rs. In Lakhs	0.40	4.81
	10	Prompt Payment Discount	Rs. In Lakhs		
	11	Net Sale of Energy	Rs. In Lakhs	0.40	4.81
C		Sales Revenue			
	1	Fixed Charge / Demand Charge	Paise per unit	-	-
	2	Excess Demand Charge	Paise per unit	-	-
	3	Total Fixed Charge / Demand Charge	Paise per unit	-	-
	4	Energy Charge	Paise per unit	340	340
	5	Time of Use Charge	Paise per unit	-	-
	6	Power Factor Adjustment	Paise per unit	-	-
	7	Energy + ToU + PF Adjustment Charge (4+5+6)	Paise per unit	340	340
	8	Fuel Cost Adjustment	Paise per unit	62	62
	9	Total Charge	Paise per unit	402	402
	10	Prompt Payment Discount, if Any.	Paise per unit	-	-
	11	Net Sale of Energy	Paise per unit	402	402

Form D - 4
Sale of Electrical Energy
2016-17

	Particulars	Non RGP	HTP - I	HTP - II	HTP - III- Temp	
A	Physical Data					
1	Units Sold	Mkwh	0.74	130.12	0.14	8.72
2	Unit Sold during peak hours (ToU)	KWH	-	43.00	0.03	2.89
3	Connected Load	HP/Kw	-	-	-	-
4	Contract Demand	Kw/KVA/HP	278	-	550	-
5	Actual Recorded Demand	Kw/KVA	-	-	-	-
6	Monthly Normal Billed Demand	Kw/KVA	-	32,511	519	2,714
7	Excess Billed Demand	Kw/KVA	-	-	-	-
8	Total Billed Demand	Kw/KVA	-	32,511	519	2,714
9	Number of Single Phase Consumers	Nos.	2	-	-	-
10	Number of Three Phase Consumers	Nos.	11	36	1	18
11	Total Number of Consumers	Nos.	13	36	1	18
12	Power Factor	%	0%	90%	90%	0%
13	Monthly Consumption per consumer	KWH/Mtr	4,748	3,01,194	12,000	40,200
14	Contract Demand per Consumer	Kw/KVA/HP	21	-	550	-
15	Normal Billed Demand per Consumer	Kw/KVA	-	903	519	150
16	Excess Billed Demand per Consumer	Kw/KVA	-	-	-	-
17	Total Billed Demand per Consumer	Kw/KVA	-	903	519	150
B	Sales Revenue					
1	Fixed Charge / Demand Charge	Rs. In Lakhs	2	1,058	6	150
2	Excess Demand Charge	Rs. In Lakhs	-	-	-	-
3	Total Fixed Charge / Demand Charge	Rs. In Lakhs	2	1,058	6	150
4	Energy Charge	Rs. In Lakhs	29	5,099	6	532
5	Time of Use Charge	Rs. In Lakhs	-	307	0	22
6	Power Factor Adjustment	Rs. In Lakhs	-	(124)	2	21
7	Energy + ToU + PF Adjustment Charge (4+5+6)	Rs. In Lakhs	29	5,281	8	575
8	Fuel Cost Adjustment	Rs. In Lakhs	2	364	0	24
9	Total Charge	Rs. In Lakhs	33	6,703	14	750
10	Prompt Payment Discount	Rs. In Lakhs	-	-	-	-
11	Net Sale of Energy	Rs. In Lakhs	33	6,703	14	750
C	Sales Revenue					
1	Fixed Charge / Demand Charge	Paise per unit	24	81	406	172
2	Excess Demand Charge	Paise per unit	-	-	-	-
3	Total Fixed Charge / Demand Charge	Paise per unit	24	81	406	172
4	Energy Charge	Paise per unit	398	392	390	610
5	Time of Use Charge	Paise per unit	-	24	15	25
6	Power Factor Adjustment	Paise per unit	-	(10)	129	24
7	Energy + ToU + PF Adjustment Charge (4+5+6)	Paise per unit	398	406	534	659
8	Fuel Cost Adjustment	Paise per unit	28	28	28	28
9	Total Charge	Paise per unit	450	515	968	860
10	Prompt Payment Discount, if Any.	Paise per unit	-	-	-	-
11	Net Sale of Energy	Paise per unit	450	515	968	860

Form D - 4
Sale of Electrical Energy
2016-17

		Particulars	WWSP	Temp	Stg Ltg	Total	
A		Physical Data					
	1	Units Sold	Mkwh	0.10	0.67	0.12	140.61
	2	Unit Sold during peak hours (ToU)	KWH	-	-	-	45.93
	3	Connected Load	HP/Kw	-	-	-	-
	4	Contract Demand	Kw/KVA/HP	104	348	113	1,393
	5	Actual Recorded Demand	Kw/KVA	-	-	-	-
	6	Monthly Normal Billed Demand	Kw/KVA	-	-	-	35,744
	7	Excess Billed Demand	Kw/KVA	-	-	-	-
	8	Total Billed Demand	Kw/KVA	-	-	-	35,744
	9	Number of Single Phase Consumers	Nos.	-	10	14	26
	10	Number of Three Phase Consumers	Nos.	2	-	-	68
	11	Total Number of Consumers	Nos.	2	10	14	93
	12	Power Factor	%	0%	0%	0%	
	13	Monthly Consumption per consumer	KWH/Mtr	5,365	5,798	712	
	14	Contract Demand per Consumer	Kw/KVA/HP	66	36	8	
	15	Normal Billed Demand per Consumer	Kw/KVA	-	-	-	
	16	Excess Billed Demand per Consumer	Kw/KVA	-	-	-	
	17	Total Billed Demand per Consumer	Kw/KVA	-	-	-	
B		Sales Revenue					
	1	Fixed Charge / Demand Charge	Rs. In Lakhs	0	18	-	1,234
	2	Excess Demand Charge	Rs. In Lakhs	-	-	-	-
	3	Total Fixed Charge / Demand Charge	Rs. In Lakhs	0	18	-	1,234
	4	Energy Charge	Rs. In Lakhs	4	27	4	5,701
	5	Time of Use Charge	Rs. In Lakhs	-	-	-	329
	6	Power Factor Adjustment	Rs. In Lakhs	-	-	-	(101)
	7	Energy + ToU + PF Adjustment Charge (4+5+6)	Rs. In Lakhs	4	27	4	5,928
	8	Fuel Cost Adjustment	Rs. In Lakhs	0	2	0	394
	9	Total Charge	Rs. In Lakhs	4	47	4	7,556
	10	Prompt Payment Discount	Rs. In Lakhs	-	-	-	-
	11	Net Sale of Energy	Rs. In Lakhs	4	47	4	7,556
C		Sales Revenue					
	1	Fixed Charge / Demand Charge	Paise per unit	18	264	-	88
	2	Excess Demand Charge	Paise per unit	-	-	-	-
	3	Total Fixed Charge / Demand Charge	Paise per unit	18	264	-	88
	4	Energy Charge	Paise per unit	365	405	340	405
	5	Time of Use Charge	Paise per unit	-	-	-	23
	6	Power Factor Adjustment	Paise per unit	-	-	-	(7)
	7	Energy + ToU + PF Adjustment Charge (4+5+6)	Paise per unit	365	405	340	422
	8	Fuel Cost Adjustment	Paise per unit	28	28	28	28
	9	Total Charge	Paise per unit	411	697	368	537
	10	Prompt Payment Discount, if Any.	Paise per unit	-	-	-	-
	11	Net Sale of Energy	Paise per unit	411	697	368	537

	Particulars		Upto 10 kW	Above 10 kW - upto 40 kW	Total Monthly	Annual
A	Physical Data					
1	Monthly Consumption	Mkwh	0.00	0.06	0.06	0.74
2	Unit Sold during peak hours (TOU)	Mkwh	-	-		
3	Connected Load	HP/Kw	-	-		
4	Contract Demand	Kw/KVA	17.04	260.46	277.50	277.50
5	Actual Recorded Demand	Kw/KVA				
6	Normal Billed Demand	Kw/KVA				
7	Excess Billed Demand	Kw/KVA				
8	Total Billed Demand	Kw/KVA				
9	Number of Single Phase Consumers	Nos.	2	-	2	2
10	Number of Three Phase Consumers	Nos.	3	8	11	11
11	Total Number of Consumers	Nos.	5	8	13	13
12	Power Factor	%				
13	Monthly Consumption per consumer	KWH/Mtr	740.29	7,348.45	4,747.82	4,747.82
14	Contract Demand per Consumer	HP/Kw	3.35	33.25	21.48	21.48
15	Normal Billed/Contract Demand per Consumer	Kw/KVA				
16	Excess Billed Demand per Consumer	Kw/KVA				
17	Total Billed Demand per Consumer	Kw/KVA				
B	Sales Revenue					
1	Fixed Charge / Demand Charge	Rs. In Lakhs	0.01	0.14	0.15	1.78
2	Excess Demand Charge	Rs. In Lakhs				
3	Total Fixed Charge / Demand Charge	Rs. In Lakhs	0.01	0.14	0.15	1.78
4	Energy Charge	Rs. In Lakhs	0.14	2.30	2.44	29.30
5	Time of Use Charge	Rs. In Lakhs	-	-	-	-
6	Power Factor Adjustment	Rs. In Lakhs	-	-	-	-
7	Energy + ToU + PF Adjustment Charge (4+5+6)	Rs. In Lakhs	0.14	2.30	2.44	29.30
8	Fuel Cost Adjustment	Rs. In Lakhs	0.01	0.16	0.17	2.06
9	Total Charge	Rs. In Lakhs	0.15	2.61	2.76	33.14
10	Prompt Payment Discount	Rs. In Lakhs				-
11	Net Sale of Energy	Rs. In Lakhs	0.15	2.61	2.76	33.14
C	Sales Revenue					
1	Fixed Charge / Demand Charge	Paise per unit	14	25	24	24
2	Excess Demand Charge	Paise per unit	-	-	-	-
3	Total Fixed Charge / Demand Charge	Paise per unit	14	25	24	24
4	Energy Charge	Paise per unit	370	400	398	398
5	Time of Use Charge	Paise per unit	-	-	-	-
6	Power Factor Adjustment	Paise per unit	-	-	-	-
7	Energy + ToU + PF Adjustment Charge (4+5+6)	Paise per unit	370	400	398	398
8	Fuel Cost Adjustment	Paise per unit	28	28	28	28
9	Total Charge	Paise per unit	412	453	450	450
10	Prompt Payment Discount	Paise per unit	-	-	-	-
11	Net Sale of Energy	Paise per unit	412	453	450	450

	Particulars		0 - upto 500	Above 500 - Upto 1000	Above 1000	Monthly Total	Annual
A	Physical Data						
1(a)	0-500 kVA billing Demand	Mkwh	1.01	-	-	1.01	12.18
1(b)	501-2500 kVA of billing demand	Mkwh	-	2.01	3.78	5.79	69.45
1(c)	For billing demand in excess of 2500 kVA	Mkwh	-	-	4.04	4.04	48.49
1	Monthly Consumption	Mkwh	1.01	2.01	7.82	10.84	130.12
2	Unit Sold during peak hours (TOU)	KWH	0.33	0.66	2.60	3.58	43.00
3	Connected Load	HP/Kw					
4	Contract Demand	Kw/KVA	-	-	-	-	-
5	Actual Recorded Demand	Kw/KVA					
6	Normal Billed Demand	Kw/KVA	3,044	6,021	23,446	32,511	32,511
7	Excess Billed Demand	Kw/KVA	-	-	-	-	-
8	Total Billed Demand	Kw/KVA	3,044	6,021	23,446	32,511	32,511
9	Number of Single Phase Consumers	Nos.	-	-	-	-	-
10	Number of Three Phase Consumers	Nos.	17	8	11	36	36
11	Total Number of Consumers	Nos.	17	8	11	36	36
12	Power Factor	%	90%	90%	90%	90%	90%
13	Monthly Consumption per consumer	KWH/Mtr	58,830	2,45,979	7,38,838	3,01,194	3,01,194
14	Contract Demand per Consumer	Kw/KVA	-	-	-	-	-
15	Normal Billed Demand per Consumer	Kw/KVA	176	737	2,215	903	903
16	Excess Billed Demand per Consumer	Kw/KVA	-	-	-	-	-
17	Total Billed Demand per Consumer	Kw/KVA	176	737	2,215	903	903
B	Sales Revenue						
1	Fixed Charge / Demand Charge	Rs. In Lakhs	3.96	9.96	74.24	88.16	1,057.92
2	Excess Demand Charge	Rs. In Lakhs					
3	Total Fixed Charge / Demand Charge	Rs. In Lakhs	3.96	9.96	74.24	88.16	1,057.92
4	Energy Charge	Rs. In Lakhs	37.55	78.34	309.00	424.89	5,098.66
5	Time of Use Charge	Rs. In Lakhs	1.15	4.94	19.46	25.56	306.69
6	Power Factor Adjustment	Rs. In Lakhs	(0.38)	(1.48)	(8.49)	(10.35)	(124.18)
7	Energy + ToU + PF Adjustment Charge (4+5+6)	Rs. In Lakhs	38.33	81.80	319.97	440.10	5,281.17
8	Fuel Cost Adjustment	Rs. In Lakhs	2.84	5.62	21.89	30.36	364.32
9	Total Charge	Rs. In Lakhs	45.13	97.39	416.11	558.62	6,703.42
10	Prompt Payment Discount	Rs. In Lakhs	-	-	-	-	-
11	Net Sale of Energy	Rs. In Lakhs	45.13	97.39	416.11	558.62	6,703.42
C	Sales Revenue						
1	Fixed Charge / Demand Charge	Paise per unit	39	50	95	81	81
2	Excess Demand Charge	Paise per unit	-	-	-	-	-
3	Total Fixed Charge / Demand Charge	Paise per unit	39	50	95	81	81
4	Energy Charge	Paise per unit	370	390	395	392	392
5	Time of Use Charge	Paise per unit	11	25	25	24	24
6	Power Factor Adjustment	Paise per unit	(4)	(7)	(11)	(10)	(10)
7	Energy + ToU + PF Adjustment Charge (4+5+6)	Paise per unit	378	407	409	406	406
8	Fuel Cost Adjustment	Paise per unit	28	28	28	28	28
9	Total Charge	Paise per unit	445	485	532	515	515
10	Prompt Payment Discount, if Any.	Paise per unit	-	-	-	-	-
11	Net Sale of Energy	Paise per unit	445	485	532	515	515

	Particulars		0 - upto 500	Above 500 - Upto 1000	Above 1000	Monthly Total	Annual
A	Physical Data						
1(a)	0-500 kVA billing Demand	Mkwh	-			-	-
1(b)	501-2500 kVA of billing demand	Mkwh		0.01	-	0.01	0.14
1(c)	For billing demand in excess of 2500 kVA	Mkwh			-	-	-
1	Monthly Consumption	Mkwh	-	0.01	-	0.01	0.14
2	Unit Sold during peak hours (TOU)	KWH	-	0.00	-	0.00	0.03
3	Connected Load	HP/Kw					
4	Contract Demand	Kw/KVA	-	550	-	550	550
5	Actual Recorded Demand	Kw/KVA					
6	Normal Billed Demand	Kw/KVA	-	519	-	519	519
7	Excess Billed Demand	Kw/KVA	-	-	-	-	-
8	Total Billed Demand	Kw/KVA	-	519	-	519	519
9	Number of Single Phase Consumers	Nos.	-	-	-	-	-
10	Number of Three Phase Consumers	Nos.	-	1	-	1	1
11	Total Number of Consumers	Nos.	-	1	-	1	1
12	Power Factor	%	-	90%	-	90%	90%
13	Monthly Consumption per consumer	KWH/Mtr	-	12,000.00	-	12,000.00	12,000.00
14	Contract Demand per Consumer	Kw/KVA	-	550	-	550	550
15	Normal Billed Demand per Consumer	Kw/KVA	-	519	-	519	519
16	Excess Billed Demand per Consumer	Kw/KVA	-	-	-	-	-
17	Total Billed Demand per Consumer	Kw/KVA	-	519	-	519	519
B	Sales Revenue						
1	Fixed Charge / Demand Charge	Rs. In Lakhs	-	0.49	-	0.49	5.84
2	Excess Demand Charge	Rs. In Lakhs	-	-	-	-	-
3	Total Fixed Charge / Demand Charge	Rs. In Lakhs	-	0.49	-	0.49	5.84
4	Energy Charge	Rs. In Lakhs	-	0.47	-	0.47	5.62
5	Time of Use Charge	Rs. In Lakhs	-	0.02	-	0.02	0.22
6	Power Factor Adjustment	Rs. In Lakhs	-	0.15	-	0.15	1.86
7	Energy + ToU + PF Adjustment Charge (4+5+6)	Rs. In Lakhs	-	0.64	-	0.64	7.69
8	Fuel Cost Adjustment	Rs. In Lakhs	-	0.03	-	0.03	0.40
9	Total Charge	Rs. In Lakhs	-	1.16	-	1.16	13.94
10	Prompt Payment Discount	Rs. In Lakhs	-	-	-	-	-
11	Net Sale of Energy	Rs. In Lakhs	-	1.16	-	1.16	13.94
C	Sales Revenue						
1	Fixed Charge / Demand Charge	Paise per unit	-	406	-	406	406
2	Excess Demand Charge	Paise per unit	-	-	-	-	-
3	Total Fixed Charge / Demand Charge	Paise per unit	-	406	-	406	406
4	Energy Charge	Paise per unit	-	390	-	390	390
5	Time of Use Charge	Paise per unit	-	15	-	15	15
6	Power Factor Adjustment	Paise per unit	-	129	-	129	129
7	Energy + ToU + PF Adjustment Charge (4+5+6)	Paise per unit	-	534	-	534	534
8	Fuel Cost Adjustment	Paise per unit	-	28	-	28	28
9	Total Charge	Paise per unit	-	968	-	968	968
10	Prompt Payment Discount, if Any.	Paise per unit	-	-	-	-	-
11	Net Sale of Energy	Paise per unit	-	968	-	968	968

		Particulars		Upto contract Demand	Monthly Total	Annual
A		Physical Data				
	1	Monthly Consumption	Mkwh	0.73	0.73	8.72
	2	Unit Sold during peak hours (TOU)	Mkwh	0.24	0.24	2.89
	3	Connected Load	HP/Kw			
	4	Contract Demand	Kw/KVA	-	-	-
	5	Actual Recorded Demand	Kw/KVA			
	6	Normal Billed Demand	Kw/KVA	2,714	2,714	2,714
	7	Excess Billed Demand	Kw/KVA	-	-	-
	8	Total Billed Demand	Kw/KVA	2,714	2,714	2,714
	9	Number of Single Phase Consumers	Nos.	-	-	-
	10	Number of Three Phase Consumers	Nos.	18	18	18
	11	Total Number of Consumers	Nos.	18	18	18
	12	Power Factor	%	90%	90%	
	13	Monthly Consumption per consumer	KWH/Mtr	40,200	40,200	40,200
	14	Contract Demand per Consumer	Kw/KVA	-	-	-
	15	Normal Billed Demand per Consumer	Kw/KVA	150	150	150
	16	Excess Billed Demand per Consumer	Kw/KVA	-	-	-
	17	Total Billed Demand per Consumer	Kw/KVA	150	150	150
B		Sales Revenue				
	1	Fixed Charge / Demand Charge	Rs. In Lakhs	12.54	12.54	150.44
	2	Excess Demand Charge	Rs. In Lakhs	-	-	-
	3	Total Fixed Charge / Demand Charge	Rs. In Lakhs	12.54	12.54	150.44
	4	Energy Charge	Rs. In Lakhs	44.34	44.34	532.12
	5	Time of Use Charge	Rs. In Lakhs	1.81	1.81	21.71
	6	Power Factor Adjustment	Rs. In Lakhs	1.78	1.78	21.32
	7	Energy + ToU + PF Adjustment Charge (4+5+6)	Rs. In Lakhs	47.93	47.93	575.14
	8	Fuel Cost Adjustment	Rs. In Lakhs	2.04	2.04	24.43
	9	Total Charge	Rs. In Lakhs	62.50	62.50	750.01
	10	Prompt Payment Discount	Rs. In Lakhs	-	-	-
	11	Net Sale of Energy	Rs. In Lakhs	62.50	62.50	750.01
C		Sales Revenue				
	1	Fixed Charge / Demand Charge	Paise per unit	172	172	172
	2	Excess Demand Charge	Paise per unit	-	-	-
	3	Total Fixed Charge / Demand Charge	Paise per unit	172	172	172
	4	Energy Charge	Paise per unit	610	610	610
	5	Time of Use Charge	Paise per unit	25	25	25
	6	Power Factor Adjustment	Paise per unit	24	24	24
	7	Energy + ToU + PF Adjustment Charge (4+5+6)	Paise per unit	659	659	659
	8	Fuel Cost Adjustment	Paise per unit	28	28	28
	9	Total Charge	Paise per unit	860	860	860
	10	Prompt Payment Discount, if Any.	Paise per unit	-	-	-
	11	Net Sale of Energy	Paise per unit	860	860	860

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WWSP

		Particulars		Total	Annual
A		Physical Data			
	1	Monthly Consumption	Mkwh	0.01	0.10
	2	Unit Sold during peak hours (ToU)	KWH		
	3	Connected Load	HP/Kw		
	4	Contract Demand	Kw/KVA	103.78	103.78
	5	Actual Recorded Demand	Kw/KVA		
	6	Normal Billed Demand	Kw/KVA		
	7	Excess Billed Demand	Kw/KVA		
	8	Total Billed Demand	Kw/KVA		
	9	Number of Single Phase Consumers	Nos.	-	-
	10	Number of Three Phase Consumers	Nos.	2	2
	11	Total Number of Consumers	Nos.	2	2
	12	Power Factor	%		
	13	Monthly Consumption per consumer	KWH/Mtr	5,365	5,365
	14	Contract Demand per Consumer	HP/Kw	66	66
	15	Normal Billed Demand per Consumer	Kw/KVA		
	16	Excess Billed Demand per Consumer	Kw/KVA		
	17	Total Billed Demand per Consumer	Kw/KVA		
B		Sales Revenue			
	1	Fixed Charge / Demand Charge	Rs. In Lakhs	0.02	0.19
	2	Excess Demand Charge	Rs. In Lakhs	-	-
	3	Total Fixed Charge / Demand Charge	Rs. In Lakhs	0.02	0.19
	4	Energy Charge	Rs. In Lakhs	0.31	3.72
	5	Time of Use Charge	Rs. In Lakhs		
	6	Power Factor Adjustment	Rs. In Lakhs		
	7	Energy + ToU + PF Adjustment Charge (4+5+6)	Rs. In Lakhs	0.31	3.72
	8	Fuel Cost Adjustment	Rs. In Lakhs	0.02	0.29
	9	Total Charge	Rs. In Lakhs	0.35	4.19
	10	Prompt Payment Discount	Rs. In Lakhs	-	-
	11	Net Sale of Energy	Rs. In Lakhs	0.35	4.19
C		Sales Revenue			
	1	Fixed Charge / Demand Charge	Paise per unit	18	18
	2	Excess Demand Charge	Paise per unit	-	-
	3	Total Fixed Charge / Demand Charge	Paise per unit	18	18
	4	Energy Charge	Paise per unit	365	365
	5	Time of Use Charge	Paise per unit	-	-
	6	Power Factor Adjustment	Paise per unit	-	-
	7	Energy + ToU + PF Adjustment Charge (4+5+6)	Paise per unit	365	365
	8	Fuel Cost Adjustment	Paise per unit	28	28
	9	Total Charge	Paise per unit	411	411
	10	Prompt Payment Discount	Paise per unit	-	-
	11	Net Sale of Energy	Paise per unit	411	411

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Sale of Electrical Energy
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LT Temporary

		Particulars		Temporary	Annual
A		Physical Data			
	1	Monthly Consumption	Mkwh	0.06	0.67
	2	Unit Sold during peak hours (ToU)	Mkwh		
	6	Connected Load	HP/Kw		
	4	Contract Demand	Kw/KVA	347.86	347.86
	5	Actual Recorded Demand	Kw/KVA		
	6	Normal Billed Demand	Kw/KVA		
	7	Excess Billed Demand	Kw/KVA		
	8	Total Billed Demand	Kw/KVA		
	9	Number of Single Phase Consumers	Nos.	10	10
	10	Number of Three Phase Consumers	Nos.	-	-
	11	Total Number of Consumers	Nos.	10	10
	12	Power Factor	%		
	13	Monthly Consumption per consumer	KWH/Mtr	5,798	5,798
	14	Contract Demand per Consumer	HP/Kw	36	36
	15	Normal Billed Demand per Consumer	Kw/KVA		
	16	Excess Billed Demand per Consumer	Kw/KVA		
	17	Total Billed Demand per Consumer	Kw/KVA		
B		Sales Revenue			
	1	Fixed Charge / Demand Charge	Rs. In Lakhs	1.48	17.78
	2	Excess Demand Charge	Rs. In Lakhs		
	3	Total Fixed Charge / Demand Charge	Rs. In Lakhs	1.48	17.78
	4	Energy Charge	Rs. In Lakhs	2.27	27.24
	5	Time of Use Charge	Rs. In Lakhs		
	6	Power Factor Adjustment	Rs. In Lakhs		
	7	Energy + ToU + PF Adjustment Charge (4+5+6)	Rs. In Lakhs	2.27	27.24
	8	Fuel Cost Adjustment	Rs. In Lakhs	0.16	1.88
	9	Total Charge	Rs. In Lakhs	3.91	46.90
	10	Prompt Payment Discount	Rs. In Lakhs	-	-
	11	Net Sale of Energy	Rs. In Lakhs	3.91	46.90
C		Sales Revenue			
	1	Fixed Charge / Demand Charge	Paise per unit	264	264
	2	Excess Demand Charge	Paise per unit	-	-
	3	Total Fixed Charge / Demand Charge	Paise per unit	264	264
	4	Energy Charge	Paise per unit	405	405
	5	Time of Use Charge	Paise per unit	-	-
	6	Power Factor Adjustment	Paise per unit	-	-
	7	Energy + ToU + PF Adjustment Charge (4+5+6)	Paise per unit	405	405
	8	Fuel Cost Adjustment	Paise per unit	28	28
	9	Total Charge	Paise per unit	697	697
	10	Prompt Payment Discount, if Any.	Paise per unit	-	-
	11	Net Sale of Energy	Paise per unit	697	697

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Sale of Electrical Energy
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SL

	Particulars		Street Light	Annual
A	Physical Data			
1	Monthly Consumption	Mkwh	0.01	0.12
2	Unit Sold during peak hours (ToU)	Mkwh		
3	Connected Load	HP/Kw		
4	Contract Demand	Kw/KVA	113.50	113.50
5	Actual Recorded Demand	Kw/KVA		
6	Normal Billed Demand	Kw/KVA		
7	Excess Billed Demand	Kw/KVA		
8	Total Billed Demand	Kw/KVA		
9	Number of Single Phase Consumers	Nos.	14	14
10	Number of Three Phase Consumers	Nos.	-	-
11	Total Number of Consumers	Nos.	14	14
12	Power Factor	%		
13	Monthly Consumption per consumer	KWH/Mtr	712.11	712.11
14	Contract Demand per Consumer	HP/Kw	8.11	8.11
15	Normal Billed Demand per Consumer	Kw/KVA		
16	Excess Billed Demand per Consumer	Kw/KVA		
17	Total Billed Demand per Consumer	Kw/KVA		
B	Sales Revenue			
1	Fixed Charge / Demand Charge	Rs. In Lakhs	-	-
2	Excess Demand Charge	Rs. In Lakhs		
3	Total Fixed Charge / Demand Charge	Rs. In Lakhs	-	-
4	Energy Charge	Rs. In Lakhs	0.34	4.07
5	Time of Use Charge	Rs. In Lakhs		
6	Power Factor Adjustment	Rs. In Lakhs		
7	Energy + ToU + PF Adjustment Charge (4+5+6)	Rs. In Lakhs	0.34	4.07
8	Fuel Cost Adjustment	Rs. In Lakhs	0.03	0.33
9	Total Charge	Rs. In Lakhs	0.37	4.40
10	Prompt Payment Discount	Rs. In Lakhs		
11	Net Sale of Energy	Rs. In Lakhs	0.37	4.40
C	Sales Revenue			
1	Fixed Charge / Demand Charge	Paise per unit	-	-
2	Excess Demand Charge	Paise per unit	-	-
3	Total Fixed Charge / Demand Charge	Paise per unit	-	-
4	Energy Charge	Paise per unit	340	340
5	Time of Use Charge	Paise per unit	-	-
6	Power Factor Adjustment	Paise per unit	-	-
7	Energy + ToU + PF Adjustment Charge (4+5+6)	Paise per unit	340	340
8	Fuel Cost Adjustment	Paise per unit	28	28
9	Total Charge	Paise per unit	368	368
10	Prompt Payment Discount, if Any.	Paise per unit	-	-
11	Net Sale of Energy	Paise per unit	368	368

Form D - 5

Summary of categorywise tariff increase

	Category	Units Sold (existing category)	Units Sold (proposed category)	Cost of supply FY 2016-17	Sales Revenue at existing tariff	Sales Revenue at existing tariff	Sales Revenue at proposed tariff	Sales Revenue at proposed tariff	Increase in Sales Revenue	Increase in Sales Revenue	Increase in Sales Revenue	Sales Revenue at existing tariff as % of cost of supply	Sales Revenue at proposed tariff as % of cost of supply
		Mus	Mus	Paise/Unit	Rs. Lakhs	Paise/Unit	Rs. Lakhs	Paise/Unit	Rs. Lakhs	Paise/Unit	%	%	%
1	Non RGP	0.74	0.74	537	36	484	33	450	(3)	(34.00)	-7.02%	90%	84%
2	HTP - I	130.12	130.12	537	6,827	525	6,703	515	(124)	(9.51)	-1.81%	98%	96%
3	HTP - II	0.14	0.14	537	14	1,002	14	968	(0)	(34.00)	-3.39%	186%	180%
4	HTP - III- Temp	8.72	8.72	537	780	894	750	860	(30)	(34.00)	-3.80%	166%	160%
5	WWSP	0.10	0.10	537	5	445	4	411	(0)	(34.00)	-7.63%	83%	77%
6	Temp	0.67	0.67	537	49	731	47	697	(2)	(34.00)	-4.65%	136%	130%
7	Stg Ltg	0.12	0.12	537	5	402	4	368	(0)	(34.00)	-8.46%	75%	68%
	Total	140.61	140.61	537	7,715	549	7,556	537	(159)	(11.34)	-2.07%	102%	100%