

GUJARAT ELECTRICITY REGULATORY COMMISSION



Tariff Order

Truing up for FY 2014-15,
Approval of Provisional ARR for FY 2016-17 and
Determination of Tariff for FY 2016-17

For

Aspen Infrastructures Limited

Case No. 1560 of 2016

4th April, 2016

6th Floor, GIFT ONE, Road 5C, GIFT City
Gandhinagar-382 335 (Gujarat), INDIA
Phone: +91-79-23602000 Fax: +91-79-23602054/55
E-mail: gerc@gercin.org : Website www.gercin.org



सत्यमेव जयते

**GUJARAT ELECTRICITY REGULATORY COMMISSION
(GERC)**

GANDHINAGAR

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ABBREVIATIONS

A&G	Administration and General Expenses
ARR	Aggregate Revenue Requirement
CAPEX	Capital Expenditure
CERC	Central Electricity Regulatory Commission
Control Period	FY 2011-12 to FY 2015-16
DGVCL	Dakshin Gujarat Vij Company Limited
DISCOM	Distribution Company
EA	Electricity Act, 2003
EHV	Extra High Voltage
FPPPA	Fuel and Power Purchase Price Adjustment
FY	Financial Year
GEB	Gujarat Electricity Board
GERC	Gujarat Electricity Regulatory Commission
GETCO	Gujarat Energy Transmission Corporation Limited
GFA	Gross Fixed Assets
GoG	Government of Gujarat
GSECL	Gujarat State Electricity Corporation Limited
GUVNL	Gujarat Urja Vikas Nigam Limited
HT	High Tension
JGY	Jyoti Gram Yojna
kV	Kilo Volt
kVA	Kilo Volt Ampere
kVAh	Kilo Volt Ampere Hour
kWh	Kilo Watt Hour
LT	Low Tension Power
MGVCL	Madhya Gujarat Vij Company Limited
MTR	Mid-term Review
MUs	Million Units (Million kWh)
MW	Mega Watt
MTR	Mid-term Review
MYT	Multi-Year Tariff
O&M	Operations & Maintenance
PF	Power Factor
PGCIL	Power Grid Corporation of India Limited
PGVCL	Paschim Gujarat Vij Company Limited
PPA	Power Purchase Agreement
R&M	Repairs and Maintenance
RLDC	Regional Load Despatch Centre
SBI	State Bank of India
SLDC	State Load Despatch Centre
UGVCL	Uttar Gujarat Vij Company Limited
WRLDC	Western Regional Load Despatch Centre



Before the Gujarat Electricity Regulatory Commission at Gandhinagar

Case No. 1560 of 2016

Date of the Order: 04/04/2016

CORAM

Shri K.M. Shringarpure, Member

Shri. P. J. Thakkar, Member

ORDER

1. Background and Brief History

1.1 Background

Aspen Infrastructures Limited (Formerly Synefra Engineering and Construction Limited) (hereinafter referred to as 'Aspen' or 'Petitioner'), a distribution licensee has filed its petition on 21st January, 2016 under Section 62, of the Electricity Act, 2003 read with Gujarat Electricity Regulatory Commission (MYT) Regulations, 2011 for Truing up for FY 2014-15 and approval of Provisional Aggregate Revenue Requirement (ARR) and retail supply tariff for FY 2016-17.

The Commission conducted preliminary analysis and admitted the petition as Case No. 1560/2016 on 29th January, 2016.



1.2 Aspen Infrastructures Limited

Aspen Infrastructures Limited (Aspen), is a Company incorporated under the provisions of the Companies Act, 1956 having its registered office at One Earth-Tree Lounge, Level 2, Hadapsar, Pune.

Aspen Infrastructures Limited (formerly known as Synefra Engineering and Construction Limited) is setting up a sector specific SEZ for High-tech Engineering products and related services at Village Alwa and Pipaliya Taluka Waghodia, District Vadodara under Section 3 of SEZ Act, 2005.

Synefra (now Aspen) has been notified as the developer of the SEZ by the Ministry of Commerce and Industry (Department of Commerce), Government of India, vide Notification No. S.O. 1084(E) dated 3rd July, 2007 and granted deemed distribution licensee status.

1.3 Commission's Order on the first ARR and Tariff Petition of Aspen Infrastructures Ltd for FY 2016-17

Synefra (now Aspen) filed a Petition for approval of the Truing Up for FY 2008-09, FY 2009-10, and FY 2010-11 under GERC (Terms and Conditions of Tariff) Regulations, 2005 and GERC (Multi-Year Tariff Framework) Regulations, 2007; and approval of Aggregate Revenue Requirement (ARR) for the second Control Period from FY 2011-12 to FY 2015-16, and determination of tariff for FY 2012-13 under GERC (Multi-Year Tariff) Regulations, 2011 and under the relevant Sections of the EA 2003 for its Distribution Business at Vadodara SEZ before the Commission which was admitted by the Commission on 7th September, 2012 as Case no. 1240 of 2012.

The Commission vide its Order dated 20th October, 2012 in Case No. 1240 of 2012 rejected the prayer made by the petitioner for True-up of FY 2008-09, FY 2009-10 and FY 2010-11 as the Commission had not approved any ARR for FY 2008-09, FY 2009-10 and FY 2010-11 as it had not been proposed / submitted by the petitioner.

The Commission decided not to determine ARR for FY 2011-12 and FY 2012-13 as when the petition was filed, the FY 2011-12 was already over and half of the FY 2012-13 was also completed. As the area of said SEZ has two licensees, viz. MGVCL and Aspen (formerly Synefra) and in the light of provisions of Section 62 of the Electricity Act, 2003, the Commission decided to fix only the maximum ceiling of tariff for retail



sale of electricity in order to promote competition among distribution licensees. Consequently, the Commission ordered that the MGVCL tariff approved in the Commission's Tariff Order dated 2nd June, 2012, will be the maximum ceiling for Aspen (formerly Synefra).

Further, Aspen (formerly Synefra) was directed to file the Petition for the remaining years of the Control Period, i.e., for FY 2013-14 to FY 2015-16, on or before 30th November, 2012 in accordance with the GERC (Multi-Year Tariff) Regulations, 2011.

1.4 Aspen Petition for FY 2013-14 to FY 2015-16

In compliance of the Commission's Order in Case No. 1240 of 2012, Aspen has filed the MYT petition for approval of Business Plan and ARR for the remaining years of the control period from FY 2013-14 to FY 2015-16 and determination of tariff for FY 2013-14. The Commission, after following due process issued MYT Order for the part control period (i.e.) FY 2013-14 to FY 2015-16 on 8th May, 2013.

Aspen submitted the Petition for approval of ARR and Tariff for FY 2014-15, on 30th December, 2013. The Commission issued the orders approving the Aggregate Revenue Requirement and Determination of Tariff for FY 2014-15 on 29th May, 2014.

1.5 Aspen Petition for truing up of FY 2014-15 and determination of tariff for FY 2016-17

Aspen submitted the petition for truing up of FY 2013-14 and determination of tariff for FY 2015-16 on 19th January, 2015. The Commission issued orders for truing up of FY 2013-14 and determination of tariff for FY 2015-16 on 23rd April, 2015.

1.6 Admission of the current Petition and the public hearing process

The Commission in its order dated 2nd December, 2015, on the Petition No. 1534/2015 has stated that the Commission has decided that the approved ARR of FY 2015-16 of the licensees / generating companies concerned be considered as provisional ARR of the licensees / generating companies for FY 2016-17.

The Commission has also decided that the licensees / generating companies shall file the ARR for FY 2016-17 based on the MYT Regulations for FY 2016-17 to FY 2020-21 and the true-up for the same shall also be governed as per the new MYT Regulations. It is also decided that the licensees / generating companies shall file the petition for



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determination of ARR and tariff for FY 2016-17 and true-up for FY 2014-15 within 3 weeks from the date of issuance of this order for Commission's consideration and decision.

The Petitioner submitted the current petition for: (i) Truing up for FY 2014-15 and (ii) Determination of Aggregate Revenue Requirement (ARR) and Retail Supply Tariff for FY 2016-17, on 21st January, 2016. After technical validation, the Commission admitted the petition on 29th January, 2016 as Case No. 1560/2016.

In accordance with Section 64 of the Electricity Act, 2003, the Commission directed Aspen to publish its application in an abridged form to ensure public participation. The public notice was issued in the following newspapers inviting Objections/Suggestions from its Stakeholders on the ARR Petition filed by Aspen.

SI. No.	Name of the Newspaper	Language	Date of Publications
1	Business Standard (Ahmedabad Edition)	English	08/02/2016
2	Vadodara Samachar	Gujarati	08/02/2016

Interested parties Stakeholders were asked to file their Objections/Suggestions on its Petition on or before 08/03/2016.

The Commission has received objections / suggestions from only one consumer organization. The Commission examined the objections / suggestions received and scheduled a public hearing for ASPEN on 19th March, 2016 at the Commission's Office at Gandhinagar and subsequently a communication was sent to the objector to take part in the public hearing process for presenting their views in person before the Commission. The public hearing was conducted in Commission's Office in Gandhinagar on the above date.

The name of the stakeholder who filed their objections and the objector who participated in the public hearing for presenting their objections is given below:

SI. No.	Name of Stakeholders	Participated in the Public Hearing
1.	Laghu Udyog Bharati - Gujarat	Yes

Main issues raised by the objector in the submissions with respect to the petition along with the response of ASPEN and the Commission's views on the response are given in Chapter 3.

1.7 Approach for this order

Aspen has approached the Commission with the present petition for approval of truing up for FY 2014-15 and provisional ARR and determination of Retail Supply Tariff for FY 2016-17.

The petition for truing up of FY 2014-15 and provisional ARR and Tariff for FY 2016-17 has been considered by the Commission as per Gujarat Electricity Regulatory Commission (Multi-Year Tariff) Regulations, 2011.

1.8 Contents of the Order

The order is divided into **eight** chapters as under.

1. The **First Chapter** provides the background regarding the petitioner, the petition and details of the public hearing process.
2. The **Second Chapter** outlines the summary of truing up for FY 2014-15 and ARR petition filed by Aspen for FY 2016-17.
3. The **Third Chapter** deals with the public hearing process, including the objections raised by various stakeholders, ASPEN's response and Commission's views on the response.
4. The **Fourth Chapter** deals with Truing up for the FY 2014-15.
5. The **Fifth Chapter** deals with determination of ARR and retail supply tariff for FY 2016-17.
6. The **Sixth Chapter** deals with directives of the Commission.
7. The **Seventh Chapter** deals with Wheeling charges and Cross subsidy surcharge for FY 2016-17.
8. The **Eighth Chapter** deals with Fuel and Power Purchase Price Adjustment (FPPPA) charges.

2. A Summary of Aspen Petition

2.1 Actuals for FY 2014-15 submitted by Aspen

Aspen Infrastructures Limited has submitted the petition seeking approval of truing up for FY 2014-15 and revised Aggregate Revenue Requirement for FY 2016-17. The details of expenses under various heads of ARR are given in Table below:

Table 2.1: Actuals claimed by Aspen for FY 2014-15

(Rs Lakh)			
Sl. No.	Particulars	Approved by the Commission in the Tariff order for FY 2014-15	Actuals for FY 2014-15
1	Power Purchase Cost	435.71	554.44
2	O&M Expenses	21.26	33.52
i	Employee expenses	-	1.90
ii	R&M Expenses	-	0.92
iii	A&G Expenses	-	30.71
3	Depreciation	-	-
4	Interest on long term loan capital	-	-
5	Other Expenses	-	-
6	Income tax	-	-
7	Total Revenue Expenditure	456.97	587.96
8	Return on Equity	-	-
9	Less: Non-Tariff Income	21.44	65.68
10	Aggregate Revenue Requirement	435.53	522.28

Table 2.2: Revenue Gap/(Surplus) for FY 2014-15

(Rs Lakh)		
Particulars	Approved in Tariff Order for FY 2014-15	Actual
Aggregate Revenue Requirement	435.53	522.28
Revenue from sale of electricity	426.67	543.12
Revenue Gap/(Surplus)	8.86	(20.84)

2.2 Provisional ARR for FY 2016-17

Aspen, in its Petition has also furnished the provisional ARR for FY 2016-17 as detailed in the Table below:

Table 2.3: Provisional ARR of Aspen for FY 2016-17

(Rs. Lakh)			
Sl. No.	Particulars	As approved by the Commission in the Tariff order for FY 2015-16	Provisional ARR for FY 2016-17
1	Power Purchase Cost	482.75	482.75
2	O&M Expenses	22.47	22.47
3	Depreciation	-	-



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Sl. No.	Particulars	As approved by the Commission in the Tariff order for FY 2015-16	Provisional ARR for FY 2016-17
4	Interest on Long Term Loan Capital	-	-
5	Other Expenses	-	-
6	Income Tax	-	-
7	Total Revenue Expenditure	505.22	505.22
8	Return on Equity	-	-
9	Less: Non-Tariff Income	30.37	30.37
10	Aggregate Revenue Requirement	474.85	474.85

Table 2.4: Projected Revenue Gap/(Surplus) for FY 2016-17

(Rs. Lakh)

Particulars	FY 2016-17
Provisional Aggregate Revenue Requirement for FY 2016-17	474.85
Add: Revenue Gap/(Surplus) for FY 2014-15	(20.84)
Less: Revenue at existing tariff and charges	453.78
Revenue Gap/(Surplus)	0.23

Aspen has requested the Commission to:

- (a) Admit the Petition for approval of truing up for FY 2014-15 and approval of revised ARR and tariff for FY 2016-17.
- (b) Allow Aspen to continue to charge consumers in the SEZ area at the same tariff that shall be applicable for the respective category of consumers in the MGVCCL area of supply for FY 2016-17.
- (c) Approve the wheeling of electricity as proposed by Aspen
- (d) Condone any inadvertent omissions/errors/shortcomings and permit Aspen to add/change/modify/alter this filing and make further submissions as may be required at a future date.
- (e) Pass such Orders as the Commission may deem fit in the facts of the present case.



3. Brief outline of objections raised, response from DGVCL and the Commission's View

3.1 Public Response to Petition

In response to the public notice inviting objections/suggestions from stakeholders on the Petition filed by ASPEN for Truing up of FY 2014-15 and determination of Tariff for FY 2016-17 under GERC (MYT) Regulations, 2011, One consumers' organization Laghu Udhog Bharti filed their objections / suggestions. The Commission considered the objections/suggestions and the issues presented before the Commission and the response by ASPEN on the same.

The details of the submissions made by the objector, response of the Petitioner and the views of the Commission are summarised in the following Section.

Objection 1: Power Purchase Cost

The summary report does not show the contract demand and actual demand as such to justify Rs. 7/unit power purchase cost PUC. The tariff order for FY 2014-15 has made provision for transmission and wheeling charges. One cannot charge more than tariff. As such sum of around Rs. 83.96 Lakh is required to be refunded by ASPEN for the FY 2014-15 and carried forward as surplus for next year true-up in place of Rs. 20.84 Lakh. Similarly, any amount charged by ASPEN above tariff rates for the previous years is required to be refunded by ASPEN and carried forward for future ARR adjustments. In the Annual Accounts power purchase cost is shown as Rs. 544.45 Lakh which does not justify. For detailed investigation copies of monthly bills of FY 2014-15 and previous years are required to be scrutinized.

Response of ASPEN

It is submitted that the objection is against the bills raised by the Madhya Gujarat Vij Company Limited (MGVCL) and not against the Petition filed by Aspen. Aspen has considered the cost of power purchase in its Audited Accounts for FY 2014-15 and in its True-Up Petition for FY 2014-15 as per the actual bills raised by MGVCL for power purchased during this period. The copies of the bills raised by MGVCL for each month of FY 2014-15 are provided to the Objector. As can be seen from the bills, the effective



rate of power purchase works out to Rs. 7 per kWh, as submitted by Aspen in its True-Up Petition.

It may also be noted that in the Tariff Order for Aspen for FY 2014-15, the Commission had considered an average power purchase rate of Rs. 7.09 per kWh.

Commission's Observation

The Commission has considered the power purchase cost of ASPEN as per Audited Accounts.

Objection 2: Reserves and Surplus

The reserves and surplus is reached at the stage of 2.68th times of ARR. The reserves and surplus in balance sheet is generally in form of reverse entry of 90% of Consumer Contribution. In the Balance Sheet it is schedule B. No such treatment in figures of reserves and surplus is seen. No detailed breakup of reserves and surplus were provided.

Response of ASPEN

It is submitted that the objection is not relevant to the True-Up Petition filed by Aspen. The Reserves & Surplus appearing in the Audited Accounts are not charged or recovered through the tariff. The Commission determines the tariff based on the approved ARR which is charged to the consumers in the licence area, and the amount of Reserves & Surplus has no correlation to the ARR. We are also not aware of any Accounting Principles that link the Reserves & Surplus to a percentage of the Consumer Contribution.

Commission's Observation

The response of the Petitioner is self-explanatory.

Objection 3: Current Assets

The current assets are increased from Rs. 402.34 to Rs. 932.94 Lakh. No details are provided for inventories increased from 0 to Rs. 569.26 Lakh, without any explanation. The Capital Work in Progress shown as Rs. 509.67 Lakh in last year (FY 13-14 Accounts) is nowhere shown in 2014-15 accounts. Neither fixed assets were increased nor CWIP shown. The billing receivables i.e. sum due billed and un-billed at the end of



financial year is not shown excluding billing receivables, in comparison to annual report and power purchase Cost.

Response of ASPEN

The Capital Work in Progress (CWIP) earlier shown under Gross Block has been transferred to 'Inventories' as on 31.03.2015 in Aspen's main financials. The purpose of this treatment was for inventorying the CWIP because actually the CWIP is a part of development cost of SEZ, therefore, in future the amount will be shown as Cost of Goods & Services (COGS) against sale of SEZ land. The same treatment of accounts was maintained in the Electricity Business financials as well.

The total receivables as on March 2015 are Rs. 42,93,053, and are all related to the outstanding bills of consumers for the month March 2015 related to electricity invoice.

Further, the amount of Current Assets including Receivables appearing in the Audited Accounts are not being charged or recovered through the tariff. The Commission determines the tariff based on the approved ARR which is charged to the consumers in the licence area, and the amount of Current Assets including Receivables is not a component of the ARR.

Commission's Observation

The response of the Petitioner is self-explanatory.

Objection 4: Depreciation

The Aspen Infrastructure has rightly avoided the Interest and depreciation amount in the ARR due to capital amount of consumer contribution available to them. It is the MGVCL who has to show that why their ARR cannot be prepared on the same lines as per Aspen. Also the Audited Accounts for year 2014-15 did not provide Auditors' report as per Companies Act provisions.

Response of ASPEN

It is submitted that the objection is against the Petition filed by the Madhya Gujarat Vij Company Limited (MGVCL) and not against the Petition filed by Aspen. Aspen has attached the copy of the Audited Accounts along with the Auditor's Report, is provided to the Objector.



Commission's Observation

The Commission directs the Petitioner to ensure that the Auditors' Report is submitted along with the Annual Accounts at the time of filing the petition.

Objection 5: Non-Tariff Income

The Non-Tariff income for Year 2014-15 is increased from Rs. 21.44 Lakh to Rs. 65.38 Lakh without showing any breakup and details of Non-Tariff income components and reason for this increase.

ARR of 2016-17

a. Misuse of Provisions of MYT Regulations ARR for true-up for FY 2016-17

The Aspen Infrastructure Ltd. has achieved the KWH sales target of 79.216 Lakh units in FY 2014-15. The ARR is Rs. 554.44 Lakh. In the ARR proposal of 2016-17 after a period gap of two years we do not know from ARR, the Number of units proposed to be purchased. Net ARR Requirement of Rs. 474.85 Lakh. The low cost projections are for the purpose of misuse of MYT Regulations. Throughout ARR and Annual Accounts we do not find details security deposit collected by Aspen from consumers and its treatment.

b. D 4 Forms are not submitted along with ARR proposal.

Response of ASPEN

It is submitted that the details of Non-Tariff Income have been submitted in the Petition, as under:

*"Interest on Security deposit received by Aspen from MGCVCL has been considered as Non-Tariff Income in FY 2014-15. Further, **the income from facility maintenance from electricity business of Rs. 33.52 Lakh has also been included under the Non-Tariff income.** The Non-Tariff income for FY 2014-15 is as shown in the Table below:*

Table 0-1: Non-Tariff Income for FY 2014-15 (Rs. Lakh)

Particulars	Approved in MYT Order	Actual
Non-Tariff Income	21.44	65.68

"(emphasis added)"



Thus, the Non-Tariff income of Rs. 65.68 Lakh comprises Rs. 32.15 Lakh of "Other Income" and Rs. 33.52 Lakh of "Income from facility maintenance". This can be seen from the copy of the Audited Accounts submitted along with the Petition, as well as with this Reply.

A. ARR FY 2016-17

a. Misuse of Provisions of GERC MYT Regulations

It is clarified that the ARR for FY 2014-15 is Rs. 522.28 Lakh and not Rs. 554.44 Lakh, as submitted in the objection, which is actually the power purchase cost for FY 2014-15.

Further, as regards the Petition for FY 2016-17, Aspen submits that the same has been submitted strictly as per the directions of the Commission in its Order dated December 2, 2015 in suo-motu Petition No. 1534 of 2015, reproduced below:

"6. In view of above observations, we decide that the approved ARR of FY 2015-16 of the licensees/generating companies concerned be considered as provisional ARR of the licensees/generating companies for FY 2016-17."

It is clarified that there is no intention to show any low cost projections as stated by the objector, and neither is there any misuse of the GERC MYT Regulations.

It is further clarified that Aspen has not collected Security Deposit from the consumers, and the Security deposited by Aspen with MGCVCL is funded by Aspen only.

b. D4 Forms

It is respectfully submitted that the D4 Forms have not been submitted along with the Petition, as they were not required to be submitted, in view of the Commission's directions that the approved ARR of FY 2015-16 of the licensees/generating companies concerned be considered as provisional ARR of the licensees/generating companies for FY 2016-17.



Commission's Observation

The response of the Petitioner is self- explanatory. However, the Petitioner is directed to provide the details of shares capital showing the number of shares and face value along with the details of reserves and surplus.



4. Truing up of FY 2014-15

4.0 Introduction

The Petitioner, in its petition for truing up of FY 2014-15 has furnished the actual energy sales, expenditure and revenue for FY 2014-15 based on the Audited Annual Accounts for FY 2014-15. It is submitted that the truing up of FY 2014-15 is on the basis of audited accounts.

The Commission has analysed the components of the actual energy sales, expenses and revenue under truing up for FY 2014-15.

GERC (MYT) Regulations, 2011 specify that the Commission shall undertake the truing up of expenses and revenue of licensee for the previous year, i.e., FY 2014-15, based on actuals as per Audited Accounts for FY 2014-15 and approved values for FY 2014-15 in the Tariff order.

4.1 Energy Sales

Petitioner's Submission

The Petitioner has submitted that the actual energy sales for FY 2014-15 are 7664160 kWh, as against the approved sales of 5964800 kWh in the Tariff order for FY 2014-15 dated 29th May, 2014.

Table 4.1: Energy sales for FY 2014-15

Particulars	Approved in the Tariff order for FY 2014-15	Actual for FY 2014-15
Energy Sales (kWh)	59,64,800	76,64,160

The actual sales in FY 2014-15 are higher than the sales approved in Tariff order for FY 2014-15. Aspen requested the Commission to approve the actual energy sales as indicated above for truing up.

Commission's Analysis

In view of what has been stated above by the Petitioner, the Commission approves the energy sales of 76,64,160 kWh for FY 2014-15.



4.2 Distribution Losses

Petitioner's Submission

The Petitioner has submitted that the actual distribution losses are higher at 3.25% against 3% approved in the Tariff order for FY 2014-15. Aspen requests to approve the actual distribution losses achieved which is higher than the approved loss mainly due to significantly lower sales (approved in the MYT Order).

Commission's Analysis

Aspen has submitted that the actual distribution loss is 3.25% as against 3% approved in Tariff order for FY 2014-15.

The Commission approves the distribution loss of 3.25% for FY 2014-15, as per actuals.

4.3 Energy Requirement

Petitioner's Submission

Based on the energy sales and the actual distribution losses for FY 2014-15, the Petitioner has calculated the energy requirement for FY 2014-15. The energy requirement, as approved for FY 2014-15 in the Tariff order for FY 2014-15 and actuals now submitted by the Petitioner, are as given in Table below:

Table 4.2: Energy Requirement as submitted by Aspen for FY 2014-15

Sl. No.	Particulars	Approved in Tariff order for FY 2014-15	Actual Submitted
1	Energy Sales (Units)	59,64,800	76,64,160
2	Distribution Loss (%)	3.00%	3.25%
3	Distribution Loss (Units)	1,79,478	2,57,440
4	Energy Procured (Units)	61,49,278	79,21,600

Commission's Analysis

The Commission has approved the distribution loss at 3.25% in para 3.2 above. The Commission computed the energy requirement with distribution loss of 3.25% for FY 2014-15 based on actuals, as given in Table below:

Table 4.3: Energy requirement approved by the Commission for truing up for FY 2014-15

Sl. No.	Particulars	Actuals submitted in truing up for FY 2014-15	Approved in truing up for FY 2014-15
1	Energy Sales (Units)	76,64,160	76,64,160
2	Distribution Loss (%)	3.25%	3.25%
3	Distribution Loss (Units)	2,57,440	2,57,440
4	Energy Procured (Units)	79,21,600	79,21,600



The Commission approves the energy requirement of 7921600 Units for truing up for FY 2014-15 as per actuals.

4.4 Availability of Power and Power Purchase Cost

Petitioner's Submission

Aspen has submitted that the requirement of power is being met from MGVCL.

The availability of power and power purchase cost, as per the Tariff order for FY 2014-15 and actuals, are given in Table below:

Table 4.4: Availability of Power and Power Purchase Cost for FY 2014-15

Energy Sources	Approved by the Commission in Tariff order for FY 2014-15	Power Purchase (Actual)
Power Purchase (Units)	61,49,278	79,21,600
Power Purchase cost (Rs. Lakh)	435.71	554.44
Cost Per Unit (Rs./kWh)	7.09	7.00

The Petitioner has submitted that the actual per unit cost of power purchased from MGVCL is slightly lower at Rs. 7.00 per kWh, though the overall power purchase cost is higher than the approved levels on account of the higher quantum of sales and requested to approve the actual power purchase cost for FY 2014-15 for the purpose of truing up.

Commission's Analysis

As verified from the Annual Accounts for FY 2014-15, Aspen has incurred power purchase Cost of Rs. 554.44 Lakh.

The Commission, accordingly, approves the power purchase of 79,21,600 at a cost of Rs. 554.44 Lakh in the truing up for FY 2014-15.

4.5 Fixed Charges

4.5.1 Operations and Maintenance (O&M) expenses

Aspen has claimed Rs. 33.52 Lakh on O&M expenses against Rs. 21.26 Lakh of composite O&M expenses approved for FY 2014-15 in the MYT order dated 8th May, 2013 as detailed in the Table below:



Table 4.5: O&M Expenses of Aspen in FY 2014-15

Particulars	(Rs. Lakh)	
	As approved by the Commission in MYT order	O&M Expenses (Actual)
Employee Cost	-	1.90
R&M Expenses	-	0.92
A&G Expenses	-	30.71
Total O&M Expenses	21.26	33.52

Petitioner's Submission

Aspen has submitted that the major part of the A&G expenses consists of the petition filing fees paid to the Commission, in accordance with the GERC (Fees, Fines & Charges) Regulations, 2005 and the remaining expenses are all justified expenses on facility management, security, consultancy fees, etc. Hence, Aspen respectfully submits that the actual A&G expenses should be allowed, as Aspen is entitled to recover the regulatory fees paid to the Commission, from its consumers.

Aspen has requested the Commission to approve the actual O&M expenses of Rs. 33.52 Lakh for FY 2014-15, for the purpose of truing up, as the same is uncontrollable.

Commission's Analysis

The O&M expenses for FY 2014-15, as per audited annual accounts, are Rs. 33.52 Lakh.

The Commission approves the O&M expenses at Rs. 33.52 Lakh in the truing up for FY 2014-15 in line with the Audited Accounts.

4.5.2 Capital expenditure, Capitalization and Sources of Funding

Aspen has furnished the Nil capital expenditure/capitalisation in the truing up for FY 2014-15 as against Nil provision approved in the tariff order for FY 2014-15 as detailed in the Table below:

Table 4.6: Capital expenditure/ Capitalisation claimed by Aspen for FY 2014-15

Sl. No.	Particulars	(Rs. Lakh)	
		Approved by the Commission in Tariff order for FY 2014-15	Actual claimed in truing – up for FY 2014-15
1	Capital Expenditure/ Capitalisation	Nil	Nil



Petitioner's Submission

The Petitioner has submitted that the entire electricity distribution network inside the SEZ is through underground cables. The capital expenditure required huge capital outlay, which has been funded entirely through consumer contribution.

This capital expenditure required huge capital outlay, which has been funded entirely through consumer contribution. The Commission in its order dated 29th may, 2014 in Case No. 1390 of 2014 approved Nil Capitalisation for FY 2014-15.

On account of general economic slowdown prevailing in the FY 2014-15, anticipated setting up and development of units had been delayed, due to which Aspen has not undertaken any capital expenditure and hence, capitalisation in FY 2014-15. Aspen requests the Commission to approve the nil capital expenditure undertaken by Aspen during this period.

Commission's Analysis

As seen from the audited accounts there is no addition of assets during FY 2014-15 and the gross fixed assets at the beginning of the year as well as at the end of the year are Rs. 1053.80 Lakh.

The Commission considers the capital expenditure/capitalisation as Nil during FY 2014-15.

4.5.3 Depreciation

Petitioner's Submission

Aspen has not considered any depreciation on the assets in FY 2014-15 as the assets have been entirely funded through consumer contribution.

Commission's Analysis

The Commission approves the depreciation as Nil for FY 2014-15.

4.5.4 Interest on Long Term Loans

Petitioner's Submission

The Petitioner has submitted that there are no outstanding loans against electricity distribution business in FY 2014-15 as the same has been funded by consumer contribution. Hence, no interest expenditure has been considered for FY 2014-15.



Commission's Analysis

The Commission accordingly considers the interest expenses as Nil for FY 2014-15.

4.5.5 Income Tax

Petitioner's Submission

The Petitioner has submitted that as per SEZ Act and Rules made there under, in FY 2014-15 no income tax was applicable for Aspen.

Commission's Analysis

The Commission accordingly approves the Income tax as Nil for FY 2014-15.

4.5.6 Return on Equity

Petitioner's Submission

The Petitioner has submitted that it has not considered any Return on Equity for FY 2014-15 as the assets have been entirely funded through consumer contribution.

Commission's Analysis

The Commission accordingly considers the Return on Equity as Nil for FY 2014-15.

4.5.7 Non-Tariff income

Aspen has furnished the Non-Tariff income at Rs. 65.68 Lakh in the truing up for FY 2014-15 against Rs. 21.44 Lakh approved in the MYT order dated 8th May, 2013 for FY 2014-15 as detailed in the Table below:

Table 4.7: Non-Tariff income claimed for Aspen for FY 2014-15

(Rs. Lakh)			
Sl. No.	Particulars	Approved for FY 2014-15 in MYT order	Actual claimed in truing up for FY 2014-15
1	Non-Tariff Income	21.44	65.68

Petitioner's Submission

The Petitioner has submitted that the actual Non-Tariff income for FY 2014-15 is Rs. 65.68 Lakh.



Commission's Analysis

The Commission has verified the Non-Tariff income with the audited accounts for FY 2014-15 and found to be Rs. 33.52 Lakh. In addition to this, there is income from facility maintenance to the extent of Rs. 32.15 Lakh as seen from the Audited Accounts (P&L A/c) for FY 2014-15.

The Commission, accordingly, approves the Non-Tariff income at Rs. 65.67 (33.52+32.15) Lakh in the truing up for FY 2014-15.

4.5.8 Revenue from sale of power

Petitioner's Submission

Aspen has submitted the revenue from sale of power at Rs. 543.12 Lakh in the truing up for FY 2014-15 against Rs. 426.67 Lakh approved in the tariff order for FY 2014-15 as detailed in the Table below:

Table 4.8: Revenue with existing tariff claimed for Aspen for FY 2014-15

(Rs. Lakh)			
Sl. No.	Particulars	Approved in the tariff order for FY 2014-15	Actual claimed in truing up for FY 2014-15
1	Revenue from existing tariff	426.67	543.12

Commission's Analysis

The revenue from power supply is Rs. 543.12 Lakh as per the audited annual accounts.

The Commission considers the revenue from sale of power at Rs. 543.12 Lakh as per audited accounts for FY 2014-15.

4.5.9 ARR approved in the truing up for FY 2014-15

The Aggregate Revenue Requirement (ARR) approved in the MYT order and Tariff order for FY 2014-15 dated 8th May, 2013 and 29th May, 2014 and the actuals claimed in truing up and the ARR approved in the truing up, are as given in the Table below:



Aspen Infrastructure Limited
Truing up for FY 2014-15, Approval of Provisional ARR for FY 2016-17
and Determination of Tariff for FY 2016-17

Table 4.9: ARR approved in respect of Aspen in the truing up or FY 2014-15

(Rs. Lakh)

Sl. No.	Particulars	Approved for FY 2014-15 in MYT & Tariff order for FY 2014-15	Claimed in truing up for FY 2014-15	Approved in truing up for 2013-14
1	2	3	4	5
1	Power purchase Cost	435.71	554.44	554.44
2	Operations and Maintenance expenses	21.26	33.52	33.52
3	Depreciation	-	-	-
4	Interest on Loans	-	-	-
5	Interest on working capital	-	-	-
6	Interest on Security Deposit	-	-	-
7	Bad debts written off	-	-	-
8	Contingency Reserve	-	-	-
9	Return on equity	-	-	-
10	Income Tax	-	-	-
11	Total expenditure	456.97	587.96	587.96
12	Less: Non-Tariff Income	21.44	65.68	65.67
13	Aggregate Revenue Requirement	435.53	522.28	522.29

Aspen has submitted the summary of Trued up ARR and Revenue Gap for FY 2014-15 as detailed in the Table below.

Table 4.10: ARR and Revenue Gap claimed in the truing up for Aspen for FY 2014-15

Particulars	As approved by the Commission in Tariff order for FY 2014-15	Aggregate Revenue Requirement (Actual)
Aggregate Revenue Requirement	435.53	522.28
Less: Revenue at existing tariff & charges	426.67	543.12
Revenue Gap / (Surplus)	8.86	(20.84)

The ARR and the Revenue Gap / (Surplus) approved by the Commission are given in the table below.

Table 4.11: Approved Revenue gap for Aspen for FY 2014-15

(Rs. Lakh)

Particulars	Aggregate Revenue Requirement (Actual)	Approved by the Commission for True-up
Aggregate Revenue Requirement	522.28	522.29
Less: Revenue at existing tariff and charges	543.12	543.12
Revenue Gap / (Surplus)	(20.84)	(20.83)

The commission has arrived at a revenue surplus of Rs. 20.83 Lakh in the truing up for FY 2014-15 as against surplus of Rs. 20.84 Lakh as submitted by Aspen.



5. Determination of Tariff for FY 2016-17

5.1 Introduction

This chapter deals with the determination of revenue gap/surplus as well as consumer tariff for the FY 2016-17 for Aspen. The Commission has considered the ARR approved in the Tariff order for FY 2015-16 as provisional ARR for FY 2016-17 and the adjustment on account of True-up for FY 2014-15 while determining the revenue gap/surplus for FY 2016-17.

5.2 Approved ARR for FY 2016-17

Based on the above approach, the Table below summarises the Annual Revenue Requirement provisionally approved by the Commission for the FY 2016-17.

Table 5.1: Provisionally Approved ARR for FY 2016-17
(Rs Lakh)

Sl. No.	Particulars	Provisional ARR for FY 2016-17
1	Power purchase Cost	482.75
2	Operations and Maintenance expenses	22.47
3	Depreciation	-
4	Interest on Loans	-
5	Other expenses	-
6	Income Tax	-
7	Total expenditure	505.22
8	Return on equity	-
9	Less: Non-Tariff Income	30.37
10	Aggregate Revenue Requirement	474.85

5.3 Projected Revenue from existing tariff for FY 2016-17 and Revenue Gap

Aspen has projected the consolidated Revenue gap at Rs. 0.23 Crore for FY 2016-17 with existing Tariff as given in the Table below:

Table 5.2: Revenue gap claimed for FY 2016-17 with existing Tariff
(Rs. Lakh)

Sl. No.	Parameter	FY 2016-17 (Projected)
1	Provisional ARR for FY 2016-17	474.85
2	Add: Revenue gap/ (surplus) for FY 2014-15	(20.84)
2	Less: Revenue from existing tariff for FY 2016-17	453.78
3	Revenue Gap / (Surplus) in FY 2016-17	0.23



Petitioner’s Submission

Aspen has considered the revenue from sale of power for FY 2016-17 at Rs. 453.78 Lakh as approved in the Tariff order dated 23rd April, 2015. The Commission has decided that the MGVCL tariff approved in the Commission’s Tariff order dated 31st March, 2015 will be the maximum ceiling for retail supply in SEZ area of Aspen. The Commission has revised the tariff for MGVCL for FY 2015-16 and the expected additional revenue on account of the revision for Aspen was Rs. 28.20 Lakh for Aspen. Taking this into consideration the Commission approves the revenue for Aspen for FY 2016-17 at existing tariff at Rs. 481.98 (453.78+28.20) Lakh.

Commission’s Analysis

The Commission approves the revenue estimated at Rs. 481.98 Lakh for FY 2016-17.

5.4 Estimated Revenue and Revenue (gap) /surplus for FY 2016-17

The Commission has considered the total revenue from sale of power at Rs. 481.98 Lakh for FY 2016-17. The estimated gap for FY 2016-17 is given in the Table below as detailed in the Table below:

Table 5.3: Approved Revenue (Gap) / Surplus for FY 2016-17 with existing Tariff

Sl. No.	Parameter	(Rs. Lakh) Approved for FY 2016-17
1	Aggregate Revenue Requirement for FY 2016-17	474.85
2	Less: Revenue surplus from True-up of FY 2014-15	20.83
3	Total Aggregate Revenue Requirement	454.02
4	Revenue with Existing Tariff	481.98
5	(Gap) / Surplus (4-3)	27.96

The Commission approves a Revenue surplus of Rs. 27.96 Crore for FY 2016-17.

The truing up of FY 2014-15 has revealed a revenue surplus of Rs. 20.83 Lakh. Aspen has estimated the revenue with existing tariff at Rs. 481.98 Lakh against the ARR of Rs. 474.85 Lakh as approved for FY 2015-16 vide tariff order dated 23.04.2015 which indicates a revenue surplus of Rs. 7.13 Lakh (481.98 – 474.85) for FY 2016-17. Taking into consideration the approved revenue surplus of Rs. 20.83 Lakh in the truing up of FY 2014-15, the revenue surplus estimated for FY 2016-17 is Rs. 27.96 Lakh.



5.5 Determination of Tariff for FY 2016-17

Petitioner's submission

Petitioner submitted that second proviso to Section 62 (1) of the EA 2003 specifies as under:

"Provided that in case of distribution of electricity in the same area by two or more distribution licensees, the Appropriate Commission may, for promoting competition among distribution licensees, fix only maximum ceiling of tariff for retail sale of electricity."

Aspen's license area overlaps with the license area of MGVCL, and thus, falls under the situation envisaged under the above proviso to Section 62 (1) of the EA 2003. Further, consumers have opted to set up their Units within the SEZ area, under the presumption that the electricity tariff will be the same as that applicable within MGVCL's area of supply, and the consumers would not be adversely affected by virtue of opting to set up their Units within the SEZ. It will also create a lot of problems if the tariffs within the SEZ and outside the SEZ for the same category of consumer are different, and may result in migration of consumers outside the License area.

The Commission in its order dated April 23, 2015 in Case No. 1479 of 2015 in the matter of ASPEN rules as under:

"4.3.2 Tariff determination for FY 2015-16

.....

The Commission finds that even after 5 years of its operation starting from FY 2008-09, there is not much growth in sales year on year. Aspen has explained that the slow growth has been impacted against the backdrop of the general economic slowdown and uncertainty in the Government's policies vis-à-vis SEZs resulting in delay in addition of new units. Under these circumstances, the Commission is of the view that Aspen is still in the process of development.

The Commission, accordingly considers the request of Aspen vide para 4.2.6 and decides that the MGVCL's Tariff approved in the Commission's Tariff Order dated 31st March, 2015 will be the maximum ceiling for retail supply in SEZ area of Aspen in accordance with the Tariff schedule annexed to the Order."



As ASPEN is still in the process of development of the SEZ, and the Commission has taken the view that the MGVL tariffs applicable in the same area of supply shall act as the ceiling tariff, ASPEN requests the Commission to allow Aspen to continue to charge consumers in the SEZ area at the same tariff that shall be applicable for the respective category in the MGVL area of supply for FY 2016-17.

Commission's Analysis

The Commission has decided to keep the tariffs of ASPEN distribution area as per MGVL tariff schedule effective from 1st April 2016 as ceiling tariff. The Commission has revised tariff for MGVL for FY 2016-17 as per Annexure of this tariff order. The revenue surplus worked out by the Commission for ASPEN in the para 5.4 above shall be addressed to the extent of Rs. 8.00 Lakh with the new tariff rates determined by the Commission for MGVL for FY 2016-17. The Commission decided not to address the entire revenue surplus of Rs. 27.96 Lakh as the ARR for FY 2016-17 is the provisional ARR and may get changed once decided on the basis of GERC (MYT) Regulations, 2016 which is effective from 1st April 2016.



6. Compliance of Directives

6.1 Compliance of Directives issued by the Commission

The directives issued by the Commission in the earlier orders were already complied by the petitioner.

6.2 Fresh Directives

Directive 1:

The Commission directs the Petitioner to ensure that the Auditors' Report is submitted along with the Annual Accounts at the time of filing the petition.

Directive 2:

The Commission directs the Petitioner to provide the details of shares capital showing the number of shares and face value along with the details of reserves and surplus along with the tariff petition.

7. Wheeling Charges and Cross Subsidy Surcharge

7.1 Introduction

Regulation 88.1 of GERC (MYT) Regulations, 2011 stipulates that the Commission shall specify the wheeling charges of distribution wires business of the distribution licensee in the ARR and Tariff Order.

The petitioner submitted that as the ARR approved for FY 2015-16 is being considered as the provisional ARR for FY 2016-17, the wheeling charges are proposed to be continued as approved for FY 2015-16.

The wheeling charges and cross subsidy surcharge, as approved for FY 2015-16, are considered for FY 2016-17 also, as worked out here under:

7.2 Allocation Matrix for Segregation on Expenses between wheeling and Retail Supply business

The allocation for segregation of expenses between wheeling and retail supply business as per Regulations is as under:

Table 7.1: Allocation of matrix for segregation of expenses between distribution wires business and retail supply business

Sl. No.	Particulars	Wires Business (%)	Retail supply Business (%)
1.	Power purchase expenses	0	100
2.	Employee expenses	60	40
3.	A&G expenses	50	50
4.	R&M expenses	90	10
5.	Depreciation	90	10
6.	Interest on long-term capital investment	90	10
7.	Interest on working capital and consumer security deposit	10	90
8.	Bad debts written off	0	100
9.	Income tax	90	10
10.	Transmission charges	0	100
11.	Contribution to contingency reserve, if any.	100	0
12.	Return on equity	90	10
13.	Non-Tariff income	10	90



The Commission estimated segregated approved ARR for wires business and retail supply business for Aspen for FY 2016-17 based on the above matrix, as given in the Table below:

Table 7.2: Allocation of ARR between wheeling (wires business) and retail supply business for FY 2016-17

Sl. No.	Cost components	Total	Wheeling (Wires Business)	Retail Supply
1.	Power purchase expenses	432.13	-	432.13
2.	Employee cost	1.52	0.91	0.61
3.	A&G expenses	19.99	10.00	9.99
4.	R&M cost	0.96	0.86	0.10
5.	Depreciation	-	-	-
6.	Interest on long-term loans	-	-	-
7.	Interest security deposit	-	-	-
8.	Interest on working capital	-	-	-
9.	Return on equity	-	-	-
10.	Less: Non-Tariff Income	30.37	3.04	27.33
11.	Total	424.33	8.73	406.50

7.3 Wheeling charges

The wheeling charge at 11 kV voltage level is given in the Table below:

Table 7.3: Calculation of Wheeling charges at 11 kV voltages

Sl. No.	Particulars	Units	Amount
1.	Total distribution cost (wheeling cost)	Rs. Lakh	8.73
2.	Energy input at 11 kV	LU	63.91
3.	Wheeling charge at 11 kV	Ps/kW h	13.66

The Commission accordingly approves the wheeling charge for Aspen distribution licensee as under:

Table 7.4: Approved Wheeling charges at 11 kV voltages

Sl. No.	Particulars	Units	Amount
1.	Wheeling charges at 11 kV	Ps.	14.00

The Open Access Consumers will also have to bear the following losses in addition to the wheeling charges.

Table 7.5: Approved Wheeling charges in kind

Particulars	FY 2016-17 - Aspen Area
HT Category	3.00 %



7.4 Cross subsidy surcharge

Hon'ble APTEL in its judgement on the issue of formula for calculation of Cross-subsidy has endorsed the use of the formula depicted in the Tariff Policy. The Central Government has recently issued Tariff Policy, 2016. According to this policy the formula for Cross Subsidy Surcharge is as under;

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

Where,

S is the surcharge

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

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

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

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

R is the per unit cost of carrying regulatory assets.

The cross subsidy surcharge based on the above formula is worked out as shown in the table below:

Table 7.6: Cross subsidy surcharge for FY 2016-17

Sl. No.	Particulars	HT Industry
1	T - Tariff for HT Category (Rs./kWh)	7.42
2	C - Wt. Avg. Power Purchase Cost (Rs./kWh)	7.82
3	D - Wheeling Charge (Rs./kWh)	0.14
4	L - Aggregate T&D Loss (%)	3%
5	R- per unit cost of carrying regulatory assets (Rs/kWh)	0.00
6	S = Cross subsidy surcharge (Rs./kWh)	0.00

$$S = 7.42 - [7.82 / (1-3/100) + 0.14+0.00]$$

$$= 0.00 \text{ Rs./kWh}$$



8. Fuel and Power Purchase Price Adjustment Charges

Aspen is sourcing power from MGVCL for meeting its power requirement for its licensed area. Aspen purchases power from MGVCL at the tariff applicable to HTP-I consumers.

Since Aspen is treated as a consumer under HTP-I tariff category, MGVCL is charging FPPPA to Aspen as in case of other consumers. The FPPPA charge varies every quarter in accordance with the formula approved by the Commission.

As such, Aspen shall charge its consumers FPPPA at the rate applied to it by MGVCL.

COMMISSION'S ORDER

The Commission approves the Aggregate Revenue Requirement (ARR) for Aspen for FY 2016-17 as shown in the Table below:

Approved ARR for Aspen for FY 2016-17

SI. No.	Particulars	(Rs. Lakh) FY 2016-17
1	Power Purchase Cost	482.75
2	O&M Expenses	22.47
3	Total Revenue Expenditure	505.22
4	Less: Non-Tariff Income	30.37
5	Aggregate Revenue Requirement	474.85

The approved ceiling for retail supply tariff will be in accordance with the Tariff schedule annexed to this order.

This order shall come into force with effect from the 1st April, 2016. The revised rate shall be applicable for the electricity consumption from the 1st April, 2016 onwards.

Sd/-

P. J. THAKKAR
Member

Sd/-

K. M. SHRINGARPURE
Member

Place: Gandhinagar

Date: 04/04/2016





ANNEXURE: TARIFF SCHEDULE
TARIFF FOR SUPPLY OF ELECTRICITY AT LOW TENSION, HIGH TENSION,
AND EXTRA HIGH TENSION
Effective from 1st April, 2016

GENERAL

1. The tariff figures indicated in this tariff schedule are the tariff rates payable by the consumers of unbundled Distribution Licensees of the erstwhile GEB viz. DGVCL, MGVCL, PGVCL and UGVCL.
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 purposes 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. Prompt payment discount on the total bill excluding all types of levies, duties or taxes levied by the Government or any other competent authorities and meter rent but including fixed charges, energy charges and minimum charge may be allowed at the 1% rate for all tariff categories provided that the payment is made within 7 days of presentation of bill and that no previous amount is outstanding as on the date of the bill.
13. Contract Demand shall mean the maximum kW / kVA for the supply of which licensee undertakes to provide facilities to the consumer from time to time.
14. 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.
15. 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.
16. 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.
17. 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 in case of all consumers except Agricultural category for the period from the due date till the date of payment if the bill is paid after due date. Delayed payment charges will be levied at the rate of 12% per annum for the consumer governed under Rate AG from the due date till the date of payment if the bill is paid after due date.

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 AND MEDIUM VOLTAGE**

1.0 RATE: RGP

This tariff is applicable to all services in the residential premises which are not covered under 'Rate: RGP (Rural)' Category.

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: (Other than BPL Consumers)

(a)	Up to and including 2 kW	Rs. 15/- per month
(b)	Above 2 to 4 kW	Rs. 25/- per month
(c)	Above 4 to 6 kW	Rs. 45/- per month
(d)	Above 6 kW	Rs. 70/- per month

For BPL Household Consumers:

Fixed charges	Rs. 5/- per month
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PLUS

**1.2 ENERGY CHARGES: FOR THE TOTAL MONTHLY CONSUMPTION:
(OTHER THAN BPL CONSUMERS)**

(a)	First 50 units	305 Paise per Unit
(b)	Next 50 units	350 Paise per Unit
(c)	Next 100 units	415 Paise per Unit
(d)	Next 50 units	425 Paise per Unit
(e)	Above 250 units	520 Paise per Unit

**1.3 ENERGY CHARGES: FOR THE TOTAL MONTHLY CONSUMPTION:
FOR THE CONSUMER BELOW POVERTY LINE (BPL)****

(a)	First 30 units	150 Paise per Unit
(b)	For remaining units	Rate as per RGP

**The consumer who wants to avail the benefit of the above tariff has to produce a copy of the Card issued by the authority concerned at the sub-division office of the Distribution Licensee. The concessional tariff is only for 30 units per month.

1.4 MINIMUM BILL (EXCLUDING METER CHARGES)

Payment of fixed charges as specified in 1.1 above.



2.0 RATE: RGP (RURAL)

This tariff is applicable to all services for residential premises located in areas within Gram Panchayat as defined in the Gujarat Panchayats Act.

Single-phase supply- Aggregate load up to 6 kW

Three-phase supply- Aggregate load above 6 kW

2.1 FIXED CHARGES / MONTH:

Range of Connected Load: (Other than BPL Consumers)

(a)	Up to and including 2 kW	Rs. 15/- per month
(b)	Above 2 to 4 kW	Rs. 25/- per month
(c)	Above 4 to 6 kW	Rs. 45/- per month
(d)	Above 6 kW	Rs. 70/- per month

For BPL Household Consumers:

Fixed charges	Rs. 5/- per month
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PLUS

2.2 ENERGY CHARGES: FOR THE TOTAL MONTHLY CONSUMPTION:
(OTHER THAN BPL CONSUMERS)

(a)	First 50 units	265 Paise per Unit
(b)	Next 50 units	310 Paise per Unit
(c)	Next 100 units	375 Paise per Unit
(d)	Next 50 units	385 Paise per Unit
(e)	Above 250 units	490 Paise per Unit

2.3 ENERGY CHARGES: FOR THE TOTAL MONTHLY CONSUMPTION:
FOR THE CONSUMER BELOW POVERTY LINE (BPL) **

(a)	First 30 units	150 Paise per Unit
(b)	For remaining units	Rate as per RGP (Rural)

**The consumer who wants to avail the benefit of the above tariff has to produce a copy of the Card issued by the authority concerned at the sub-division office of the Distribution Licensee. The concessional tariff is only for 30 units per month.

2.4 MINIMUM BILL (EXCLUDING METER CHARGES):

Payment of fixed charges as specified in 2.1 above.

Note: If the part of the residential premises is used for non-residential (commercial) purposes by the consumers located within 'Gram Panchayat' as defined in Gujarat Panchayat Act, entire consumption will be charged under



this tariff.

3.0 RATE: GLP

This tariff is applicable to the educational institutes and other institutions registered with the Charity Commissioner and research and development laboratories.

(a)	Fixed charges	Rs. 70/- per month
(b)	Energy charges	390 Paise per Unit

4.0 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.

4.1 FIXED CHARGES PER MONTH:

(a)	First 10 kW of connected load	Rs. 50/- per kW
(b)	For next 30 kW of connected load	Rs. 85/- per kW

PLUS

4.2 ENERGY CHARGES:

(a)	For installation having contracted load up to and including 10 kW: for entire consumption during the month	435 Paise per Unit
(b)	For installation having contracted load exceeding 10 kW: for entire consumption during the month	465 Paise per Unit

4.3 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 at least one month before commencement of billing period 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 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. 1800 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 480 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.

5.0 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.

5.1 FIXED CHARGES:

	For billing demand up to the contract demand	
(a)	(i) For first 40 kW of billing demand	Rs. 90/- per kW per month
	(ii) Next 20 kW of billing demand	Rs. 130/- per kW per month
	(iii) Above 60 kW of billing demand	Rs. 195/- per kW per month
(b)	For billing demand in excess of the contract demand	Rs. 265/- per kW

PLUS



5.2 ENERGY CHARGES:

For the entire consumption during the month	460 Paise per Unit
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PLUS

5.3 REACTIVE ENERGY CHARGES:

For all the reactive units (KVARH) drawn during the month	10 paise per KVARH
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5.4 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

5.5 MINIMUM BILL

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

5.6 SEASONAL CONSUMERS TAKING LTMD SUPPLY:

5.6.1 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.

5.6.2 Any consumer, who desires to be billed for the minimum charges on annual basis shall intimate to that effect in writing at least one month before commencement of billing period 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 the off-season so declared and observed shall be not less than three calendar months in a calendar year.

5.6.3 The total minimum amount under the head "Demand and Energy Charges" payable by a seasonal consumer satisfying the eligibility criteria under Sub-Clause 5.6.1 above and complying with provisions stipulated under Sub-Clause 5.6.2 above shall be Rs. 2970 per annum per kW of the billing demand.



- 5.6.4 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.

5.6.5.1 Units consumed during the off-season period shall be charged for at the flat rate of 470 Paise per unit.

6.0 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.)

6.1 FIXED CHARGES PER MONTH:

50% of the Fixed charges specified in Rate Non-RGP above.

PLUS

6.2 ENERGY CHARGES:

For entire consumption during the month	260 Paise per Unit
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NOTE:

1. 15% of the contracted demand can be availed beyond the night hours prescribed as per para 6.0 above.
2. 10% of total units consumed during the billing period can be availed beyond the night hours prescribed as per para 6.0 above.
3. In case the consumer failed to observe condition no. 1 above during any of the billing month, then demand charge during the relevant billing month shall be billed as per Non-RGP category demand charge rates given in para 4.1 of this schedule.
4. In case the consumer failed to observe condition no. 2 above during any of the billing month, then entire energy consumption during the relevant billing month shall be billed as per Non-RGP category energy charge rates given in para 4.2 of this schedule.



5. *In case the consumer failed to observe above condition no. 1 and 2 both during any of the billing month, then demand charge and entire energy consumption during the relevant billing month shall be billed as per Non-RGP category demand charge and energy charge rates given in para 4.1 and 4.2 respectively, of this schedule.*
6. *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.*
7. *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.*

7.0 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.)

7.1 FIXED CHARGES PER MONTH:

50% of the Fixed charges specified in Rate LTMD above.

PLUS

7.2 ENERGY CHARGES:

For entire consumption during the month	260 Paise per Unit
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7.3 REACTIVE ENERGY CHARGES:

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

1. *15% of the contracted demand can be availed beyond the night hours prescribed as per para 7.0 above.*
2. *10% of total units consumed during the billing period can be availed beyond the night hours prescribed as per para 7.0 above.*
3. *In case the consumer failed to observe condition no. 1 above during any of the billing month, then demand charge during the relevant billing month shall be billed as per LTMD category demand charge rates given in para*



5.1 of this schedule.

4. In case the consumer failed to observe condition no. 2 above during any of the billing month, then entire energy consumption during the relevant billing month shall be billed as per LTMD category energy charge rates given in para 5.2 of this schedule.
5. In case the consumer failed to observe above condition no. 1 and 2 both during any of the billing month, then demand charge and entire energy consumption during the relevant billing month shall be billed as per LTMD category demand charge and energy charge rates given in para 5.1 and 5.2 respectively, of this schedule.
6. 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.
7. 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.

8.0 RATE: LTP- LIFT IRRIGATION

Applicable for supply of electricity to Low Tension Agricultural consumers contracting load up to 125 HP requiring continuous (twenty-four hours) power supply for lifting water from surface water sources such as canal, river, & dam and supplying water directly to the fields of farmers for agricultural irrigation only.

(a)	Fixed charges per month	Rs. 45/- per HP
PLUS		
(b)	Energy charges For entire consumption during the month	180 Paise per Unit

9.0 RATE: WWSP

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

- 9.1 Type I** – Water works and sewerage pumps operated by other than local authority:

(a)	Fixed charges per month	Rs. 25/- per HP
PLUS		
(b)	Energy charges per month:	430 Paise per Unit



	For entire consumption during the month	
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- 9.2 Type II** – Water works and sewerage pumps operated by local authority such as Municipal Corporation. Gujarat Water Supply & Sewerage Board located outside Gram Panchayat Area will also attract this tariff:

(a)	Fixed charges per month	Rs. 20 per HP
PLUS		
(b)	Energy charges per month: For entire consumption during the month	410 Paise per Unit

- 9.2 Type III** – Water works and sewerage pumps operated by Municipalities / Nagarpalikas and Gram Panchayats or Gujarat Water Supply & Sewerage Board for its installations located in Gram Panchayats:

Energy charges per month: For entire consumption during the month	320 Paise/Unit
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9.4 TIME OF USE DISCOUNT:

Applicable to all the water works consumers having connected load of 50 HP and above for the Energy consumption during the Off-Peak Load Hours of the Day.

For energy consumption during the off-peak period, viz., 1100 Hrs. to 1800 Hrs.	40 Paise per Unit
For energy consumption during night hours, viz., 2200 Hrs. to 0600 Hrs. next day	85 Paise per Unit

10.0 RATE: AG

This tariff is applicable to services used for irrigation purposes only excluding installations covered under LTP- Lift Irrigation category.

- 10.1 The rates for following group are as under:

10.1.1 HP BASED TARIFF:

For entire contracted load	Rs. 200 per HP per month
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ALTERNATIVELY



10.1.2 METERED TARIFF:

Fixed Charges	Rs. 20 per HP per month
Energy Charges: For entire consumption	60 Paise per Unit per month

10.1.3 TATKAL SCHEME:

Fixed Charges	Rs. 20 per HP per month
Energy Charges: For entire consumption	80 Paise per Unit per month

NOTE: The consumers under Tatkal Scheme shall be eligible for normal metered tariff as above, on completion of five years period from the date of commencement of supply.

10.2 No machinery other than pump water for irrigation (and a single bulb or CFL up to 40 watts) will be permitted under this tariff. Any other machinery connected in the installation governed under this tariff shall be charged separately at appropriate tariff for which consumers shall have to take separate connection.

10.3 Agricultural consumers who desire to supply water to brick manufacturing units shall have to pay Rs. 100/HP per annum subject to minimum of Rs. 2000/- per year for each brick Mfg. Unit to which water is supplied in addition to existing rate of HP based / metered agricultural tariff.

10.4 Such Agricultural consumers shall have to pay the above charges for a full financial year irrespective of whether they supply water to the brick manufacturing unit for full or part of the Financial Year.
Agricultural consumers shall have to declare their intension for supply of the water to such brick manufacturing units in advance and pay charges accordingly before commencement of the financial year (i.e. in March every year).

11.0 RATE: SL

11.1 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.

11.1.1 ENERGY CHARGES:

For all the units consumed during the month:	405 Paise per Unit
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11.1.2 OPTIONAL KVAH CHARGES:

For all the kVAh units consumed during the month:	305 Paise per Unit
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11.1.3 Renewal and Replacements of Lamps:

The consumer shall arrange for renewal, maintenance and replacement of lamp, associated Fixture, connecting wire, disconnecting device, switch including time switch etc. 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.

11.1.4 Maintenance other than Replacement of Lamps:

Maintenance of the street lighting conductor provided on pole to connect the street light shall be carried out by Distribution Licensee.

11.2 Tariff for power supply for street lighting purposes to consumers other than the local authorities and industrial estates:

11.2.1 FIXED CHARGES:

Rs. 30 per kW per month

11.2.2 ENERGY CHARGES:

For all units consumed during the month	405 Paise per kWh
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11.2.3 Renewal and Replacement of Lamps:

The consumer shall arrange for renewal, maintenance and replacement of lamp, associated Fixture, connecting wire, disconnecting device, switch including time switch etc. 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.

11.2.4 Maintenance other than Replacement of Lamps:

Maintenance of the street lighting conductor provided on pole to connect the street light shall be carried out by Distribution Licensee.

12.0 RATE: TMP

This tariff is applicable to services of electricity supply for temporary period at the low voltage. A consumer not taking supply on regular basis under a proper



agreement shall be deemed to be taking supply for temporary period.

12.1 FIXED CHARGE

Fixed Charge per Installation	Rs. 15 per kW per Day
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12.2 ENERGY CHARGE

A flat rate of	465 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 TENSION
(3.3 KV AND ABOVE, 3-PHASE 50 HERTZ), 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

13.0 RATE: HTP-I

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.

13.1 DEMAND CHARGES:

13.1.1 For billing demand up to contract demand

(a)	For first 500 kVA of billing demand	Rs. 150/- per kVA per month
(b)	For next 500 kVA of billing demand	Rs. 260/- per kVA per month
(c)	For billing demand in excess of 1000 kVA	Rs. 475/- per kVA per month

13.1.2 For Billing Demand in Excess of Contract Demand

For billing demand in excess over the contract demand	Rs. 555 per kVA per month
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PLUS

13.2 ENERGY CHARGES

For entire consumption during the month		
(a)	Up to 500 kVA of billing demand	400 Paise per Unit
(b)	For billing demand above 500 kVA and up to 2500 kVA	420 Paise per Unit
(c)	For billing demand above 2500 kVA	430 Paise per Unit

PLUS

13.3 TIME OF USE CHARGES:

For energy consumption during the two peak periods, viz., 0700 Hrs. to 1100 Hrs. and 1800 Hrs. to 2200 Hrs.		
(a)	For Billing Demand up to 500 kVA	45 Paise per Unit
(b)	For Billing Demand above 500 kVA	85 Paise per Unit

13.4 BILLING DEMAND:

The 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

13.5 MINIMUM BILLS:

Payment of “demand charges” based on kVA of billing demand.

13.6 POWER FACTOR ADJUSTMENT CHARGES:

13.6.1 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”, arrived at using tariff as per para 13.2 of this schedule, 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”, arrived at using tariff as per para 13.2 of this schedule, will be charged.

13.6.2 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”, arrived at using tariff as per para 13.2 of this schedule, for every 1% rise or part thereof in the average power factor during the month above 95%.

13.7 MAXIMUM DEMAND AND ITS MEASUREMENT:

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.

13.8 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.



13.9 REBATE FOR SUPPLY AT EHV:

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

13.10 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 shall be eligible for concession at the rate of 40 Paise per unit.

13.11 SEASONAL CONSUMERS TAKING HT SUPPLY:

13.11.1 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.

13.11.2 Any consumer, who desires to be billed for the minimum charges on annual basis shall intimate to that effect in writing at least one month before commencement of billing period 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 the off-season so declared and observed shall be not less than three calendar months in a calendar year.

13.11.3 The total minimum amount under the head "Demand and Energy Charges" payable by a seasonal consumer satisfying the eligibility criteria under Sub-Clause 13.11.1 above and complying with provisions stipulated under Sub-Clause 13.11.2 above shall be Rs. 4550 per annum per kVA of the billing demand.

13.11.4 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.

13.11.5 Units consumed during the off-season period shall be charged for at the flat rate of 430 Paise per unit.

13.11.6 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.

14.0 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 run by Local Authorities and GW & SB. GIDC Water Works.

14.1 DEMAND CHARGES:

14.1.1 For billing demand up to contract demand

(a)	For first 500 kVA of billing demand	Rs. 115/- per kVA per month
(b)	For next 500 kVA of billing demand	Rs. 225/- per kVA per month
(c)	For billing demand in excess of 1000 kVA	Rs. 290/- per kVA per month

14.1.2 For billing demand in excess of contract demand

For billing demand in excess of contract demand	Rs. 360 per kVA per month
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PLUS

14.2 ENERGY CHARGES:

For entire consumption during the month		
(b)	Up to 500 kVA of billing demand	435 Paise per Unit
(c)	For billing demand above 500 kVA and up to 2500 kVA	455 Paise per Unit
(d)	For billing demand above 2500 kVA	465 Paise per Unit

PLUS



14.3 TIME OF USE CHARGES:

For energy consumption during the two peak periods, viz., 0700 Hrs. to 1100 Hrs. and 1800 Hrs. to 2200 Hrs.		
(a)	For Billing Demand up to 500 kVA	45 Paise per Unit
(b)	For Billing Demand above 500 kVA	85 Paise per Unit

- | | | |
|--|---|-----------------------------|
| <p>14.4 Billing demand</p> <p>14.5 Minimum bill</p> <p>14.6 Maximum demand and its measurement</p> <p>14.7 Contract Demand</p> <p>14.8 Rebate for supply at EHV</p> <p>14.9 Concession for use of electricity during night hours</p> | } | Same as per
HTP-I Tariff |
|--|---|-----------------------------|

14.10 POWER FACTOR ADJUSTMENT CHARGES:

14.10.1 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”, arrived at using tariff as per para 14.2 of this schedule, 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”, arrived at using tariff as per para 14.2 of this schedule, will be charged.

14.10.2 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”, arrived at using tariff as per para 14.2 of this schedule, for every 1% rise or part thereof in the average power factor during the month above 95%.

15.0 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.

15.1 DEMAND CHARGES:

For billing demand up to contract demand	Rs. 18/- per kVA per day
For billing demand in excess of contract demand	Rs. 20/- per kVA per day

PLUS

15.2 ENERGY CHARGES:

For all units consumed during the month	660 Paise/Unit
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PLUS

15.3 TIME OF USE CHARGES:

Additional charge for energy consumption during two peak periods, viz., 0700 Hrs. to 1100 Hrs. and 1800 Hrs. to 2200 Hrs.	85 Paise per Unit
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15.4 Billing demand	}	Same as per HTP-I Tariff
15.5 Minimum bill		
15.6 Maximum demand and its measurement		
15.7 Contract Demand		
15.8 Rebate for supply at EHV		

15.9 POWER FACTOR ADJUSTMENT CHARGES:

15.9.1 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”, arrived at using tariff as per para 15.2 of this schedule, 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”, arrived at using tariff as per para 15.2 of this schedule, will be charged.



15.9.2 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", arrived at using tariff as per para 15.2 of this schedule, for every 1% rise or part thereof in the average power factor during the month above 95%.

16.0 RATE: 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.

16.1 DEMAND CHARGES:

1/3 rd of the Fixed Charges specified in Rate HTP-I above.

PLUS

16.2 ENERGY CHARGES:

For all units consumed during the month	225 Paise per Unit
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16.3 Billing demand

16.4 Minimum bill

16.5 Maximum demand and its measurement

16.6 Contract Demand

16.7 Rebate for supply at EHV

} Same as per
HTP-I Tariff

16.8 POWER FACTOR ADJUSTMENT CHARGES:

16.8.1 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", arrived at using tariff as per para 16.2 of this schedule, 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”, arrived at using tariff as per para 16.2 of this schedule, will be charged.

16.8.2 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”, arrived at using tariff as per para 16.2 of this schedule, for every 1% rise or part thereof in the average power factor during the month above 95%.

NOTE:

1. *15% of the contracted demand can be availed beyond the night hours prescribed as per para 16.0 above.*
2. *10% of total units consumed during the billing period can be availed beyond the night hours prescribed as per para 16.0 above.*
3. *In case the consumer failed to observe condition no. 1 above during any of the billing month, then demand charge during the relevant billing month shall be billed as per HTP-I category demand charge rates given in para 13.1 of this schedule.*
4. *In case the consumer failed to observe condition no. 2 above during any of the billing month, then entire energy consumption during the relevant billing month shall be billed as per HTP-I category energy charge rates given in para 13.2 of this schedule.*
5. *In case the consumer failed to observe above condition no. 1 and 2 both during any of the billing month, then demand charge and entire energy consumption during the relevant billing month shall be billed as per HTP-I category demand charge and energy charge rates given in para 13.1 and 13.2 respectively, of this schedule.*
6. *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.*
7. *The option can be exercised to switch over from HTP-I tariff to HTP-IV tariff and vice versa twice in a calendar year by giving not less than one*



month's notice in writing.

17.0 RATE: HTP- V

HT - Agricultural (for HT Lift Irrigation scheme only)

This tariff shall be applicable for supply of electricity to High Tension Agricultural consumers contracting for 100 kVA and above, requiring power supply for lifting water from surface water sources such as canal, river and dam, and supplying water directly to the fields of farmers for agricultural irrigation only.

17.1 DEMAND CHARGES:

Demand Charges Rs. 50 per kVA per month

PLUS

17.2 ENERGY CHARGES:

For all units consumed during the month	180 Paise per Unit
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17.3 Billing demand

17.4 Minimum bill

17.5 Maximum demand and its measurement

17.6 Contract Demand

17.7 Rebate for supply at EHV

}

Same as per
HTP-I Tariff

17.8 POWER FACTOR ADJUSTMENT CHARGES:

17.8.1 Penalty for poor Power Factor:

(c) 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", arrived at using tariff as per para 17.2 of this schedule, for every 1% drop or part thereof in the average power factor during the month below 90% up to 85%.

(d) 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", arrived at using tariff as per para 17.2 of this schedule, will be charged.



17.8.2 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", arrived at using tariff as per para 17.2 of this schedule, for every 1% rise or part thereof in the average power factor during the month above 95%.

18.0 RATE: RAILWAY TRACTION

This tariff is applicable for power supply to Railway Traction at 132 kV/66 kV.

18.1 DEMAND CHARGES:

For billing demand up to the contract demand	Rs. 180 per kVA per month
For billing demand in excess of contract demand	Rs. 425 per kVA per month

NOTE: In case of the load transfer for traction supply due to non-availability of power supply at preceding or succeeding point of supply or maintenance at DISCOM's level, excess demand over the contract demand shall be charged at normal rate at appropriate point of supply.

Normal Demand Charges will also apply in case of bunching of trains. However, DISCOMs shall charge excess demand charges while raising the bills and Railways have to give convincing details and documentary proof of bunching of trains if they want to be charged at the normal demand charges. If satisfactory proof of bunching of trains is provided, DISCOM shall consider that occasion for normal demand charges, otherwise excess demand charges will be applicable specified as above at 18.1 (b).

PLUS

18.2 ENERGY CHARGES:

For all units consumed during the month	500 Paise per Unit
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18.3	Billing demand	}	Same as per HTP-I Tariff
18.4	Minimum bill		
18.5	Maximum demand and its measurement		
18.6	Contract Demand		
18.7	Rebate for supply at EHV		

18.8 POWER FACTOR ADJUSTMENT CHARGES:

18.8.1 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”, arrived at using tariff as per para 18.2 of this schedule, 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”, arrived at using tariff as per para 18.2 of this schedule, will be charged.

18.8.2 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”, arrived at using tariff as per para 18.2 of this schedule, for every 1% rise or part thereof in the average power factor during the month above 95%.

