

GUJARAT ELECTRICITY REGULATORY COMMISSION



Tariff Order

Aggregate Revenue Requirement and
Determination of Tariff for FY 2014-15

For

Aspen Infrastructures Limited

Case No. 1390 of 2014

29th May 2014

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**GUJARAT ELECTRICITY REGULATORY COMMISSION
(GERC)**

GANDHINAGAR

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CONTENTS

1. Background and Brief History	1
1.1 Background	1
1.2 Aspen Infrastructures Limited	2
1.3 Commission's Order on the first ARR and Tariff Petition of Aspen Infrastructures Ltd..	2
1.4 Aspen Petition for the remaining years of Control Period (i.e.) FY 2013-14 to FY 2015-16.....	3
1.5 Admission of the current Petition and the public hearing process	3
1.6 Approach for this order.....	4
1.7 Contents of the Order	4
2. Summary of the ARR Petition for FY 2014-15	5
2.1 Aggregate Revenue Requirement (ARR) and retail supply Tariff for FY 2014-15.....	5
2.2 Prayers	5
3. Determination of Retail Supply Tariff for FY 2014-15	7
3.1 Annual Revenue Requirement	7
3.2 Petitioner's Submission.....	7
3.2.1 Revised Energy Sales Projected.....	8
3.2.2 Revised Projection of Energy Requirement.....	8
3.2.3 Revised Projection of Power Purchase Cost.....	8
3.2.4 Revised Projection of Revenue Gap for FY 2014-15.....	9
3.2.5 Tariff for FY 2014-15.....	9
3.3 Commission's Analysis	10
4. Compliance of Directives.....	13
4.1 Compliance of Directives	13
5. Wheeling Charges and Cross Subsidy Surcharge.....	14
5.1 Introduction.....	14
5.2 Allocation Matrix for Segregation on Expenses between wheeling and Retail Supply business	14
5.3 Wheeling charges	15
5.4 Cross subsidy surcharge	15
6. Fuel and Power Purchase Price Adjustment Charges	17
COMMISSION'S ORDER.....	18
ANNEXURE: TARIFF SCHEDULE.....	19



LIST OF TABLES

Table 2.1: Revised Aggregate Revenue Requirement projected for FY 2014-15.....	5
Table 3.1: ARR approved by the Commission for FY 2014-15	7
Table 3.2: ARR projected by Aspen for FY 2014-15.....	7
Table 3.3: Revised Projection of Energy Sales for FY 2014-15	8
Table 3.4: Revised Projection of Energy Requirement for FY 2014-15.....	8
Table 3.5: Revised Projection of Power Purchase Cost for FY 2014-15	8
Table 3.6: Revised Projection of Revenue Gap/Surplus for FY 2014-15.....	9
Table 3.7: Approved Energy Requirement and Power Purchase Cost for FY 2014-15	11
Table 3.8: Approved ARR for FY 2014-15.....	11
Table 3.9: Approved Revenue Gap/(Surplus) for FY 2014-15	11
Table 5.1: Allocation of matrix for segregation of expenses between distribution wires business and retail supply business	14
Table 5.2: Allocation of ARR between wheeling (wires business) and retail supply business for FY 2014-15	14
Table 5.3: Calculation of Wheeling charges at 11 kV voltages.....	15
Table 5.4: Approved Wheeling charges at 11 kV voltages.....	15
Table 5.6: Cross subsidy surcharge for FY 2013-14	16



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
MU	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	Repair 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



**Aspen Infrastructure Limited
Aggregate Revenue Requirement and
Determination of Tariff for FY 2014-15**



Before the Gujarat Electricity Regulatory Commission at Gandhinagar

Case No. 1390 of 2014

Date of the Order: 29/05/2014

CORAM

Shri Pravinbhai Patel, Chairman
Dr M K Iyer, 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 30th December, 2013 under section 62, of the Electricity Act, 2003 read with Gujarat Electricity Regulatory Commission (MYT) Regulations, 2011 for determination of Aggregate Revenue Requirement (ARR) and retail supply tariff for FY 2014-15.

The Commission conducted preliminary analysis and admitted the petition as Case No. 1390/2014 on 2nd January, 2014. This is the second ARR and Tariff petition of Aspen being considered by the Commission, after issue of MYT Order for the period FY 2013-14 to FY 2015-16 on 8th May, 2013.



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

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.

Aspen (formerly Synefra). 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 the remaining years of Control Period (i.e.) 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 in MYT Order for the part control period (i.e.) FY 2013-14 to FY 2015-16 on 8th May, 2013.

1.5 Admission of the current Petition and the public hearing process

Aspen vide its letter dated 29th November, 2013, requested the Commission to grant time limit extension up to 31st December, 2013 for the submission of Tariff Petition for FY 2014-15 stating that they need some time for internal approval and finalization of the tariff petition. The Commission accepted their plea and granted time limit up to 31st December, 2013 vide a letter dated 12th December, 2013.

The Petitioner submitted the current Petition for approval of ARR and Tariff for FY 2014-15, on 30th December, 2013. After technical validation the Commission admitted the Petition on 2nd January, 2014 under case no. 1390/2014.

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	DNA Vadodara Edition	English	14.01.2014
2	Vadodara Samachar	Gujarati	14.01.2014

Interested parties Stakeholders were asked to file their Objections/Suggestions on its Petition on or before 14th February, 2014. However, neither Aspen nor Commission has

received any Objections/Suggestions on the Petition.

1.6 Approach for this order

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

The petition for determination of ARR and Retail Supply Tariff for FY 2014-15 has been considered by the Commission as per Gujarat Electricity Regulatory Commission (Multi-Year Tariff) Regulations, 2011.

Since the ARR for FY 2012-13 was not approved by the Commission, no truing up is considered for FY 2012-13.

1.7 Contents of the Order

The order is divided in to six 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 ARR petition filed by Aspen for FY 2014-15.
3. The **Third Chapter** deals with determination of ARR and retail supply tariff for FY 2014-15.
4. The **Fourth Chapter** deals with directives of the Commission.
5. The **Fifth Chapter** deals with Wheeling charges and Cross subsidy surcharge for FY 2014-15.
6. The **Sixth Chapter** deals with Fuel and Power Purchase Price Adjustment (FPPPA).

2. Summary of the ARR Petition for FY 2014-15

2.1 Aggregate Revenue Requirement (ARR) and retail supply Tariff for FY 2014-15

Aspen Infrastructures Limited has submitted the petition on 30th December, 2013 seeking approval of Aggregate Revenue Requirement and determination of Retail Supply Tariff for FY 2014-15.

Aspen has projected the revised Aggregate Revenue Requirement for the FY 2014-15 as detailed below:

Table 2.1: Revised Aggregate Revenue Requirement projected for FY 2014-15
(Rs Lakh)

Sl. No.	Particulars	Approved by the Commission in the MYT Order	As per Revised Projections
1	Power Purchase Cost	1596.51	435.71
2	O&M Expenses	21.26	21.26
i	Employee expenses	-	-
ii	R&M Expenses	-	-
iii	A&G Expenses	-	-
3	Depreciation	-	-
4	Interest on long term loan capital	-	-
5	Other Expenses	-	-
6	Income tax	-	-
7	Total Revenue Expenditure	1617.76	456.97
8	Return on Equity	-	-
9	Less: Non-Tariff Income	21.44	21.44
10	Aggregate Revenue Requirement	1596.33	435.53

2.2 Prayers

Aspen has requested the Commission to:

- (a) Admit the Petition for approval of truing up for FY 2012-13 and approval of tariff for FY 2014-15.
- (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 MGVCL area of supply for FY 2014-15.
- (c) Approve the wheeling ARR and corresponding charges for wheeling of electricity



**Aspen Infrastructure Limited
Aggregate Revenue Requirement and
Determination of Tariff for FY 2014-15**

- (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. Determination of Retail Supply Tariff for FY 2014-15

3.1 Annual Revenue Requirement

The Commission in its MYT Order dated 8th May, 2013 had determined the ARR for each year of the part of the control period from FY 2013-14 to FY 2015-16. The ARR approved for FY 2014-15 is given in the Table below:

Table 3.1: ARR approved by the Commission for FY 2014-15

Sl. No.	Particulars	(Rs Lakh) Amount
1	Power Purchase Cost	1596.51
2	O&M Expenses	21.26
i	Employee expenses	-
ii	R&M Expenses	-
iii	A&G Expenses	-
3	Depreciation	-
4	Interest on long term loan capital	-
5	Other Expenses	-
6	Income tax	-
7	Total Revenue Expenditure	1617.76
8	Return on Equity	-
9	Less: Non-Tariff Income	21.44
10	Aggregate Revenue Requirement	1596.33

3.2 Petitioner's Submission

Aspen in its Petition for determination of ARR and Tariff for FY 2014-15 has projected revised ARR for FY 2014-15, which is in variance with the ARR approved by the Commission, in the MYT Order dated 8th May, 2013 as detailed below:

Table 3.2: ARR projected by Aspen for FY 2014-15

Sl. No.	Particulars	ARR approved by the Commission in the part MYT Order	(Rs Lakh) Revised ARR projected by Aspen
1	Power Purchase Cost	1596.51	435.71
2	O&M Expenses	21.26	21.26
i	Employee expenses	-	-
ii	R&M Expenses	-	-
iii	A&G Expenses	-	-
3	Depreciation	-	-
4	Interest on long term loan capital	-	-
5	Other Expenses	-	-
6	Income tax	-	-
7	Total Revenue Expenditure	1617.76	456.97
8	Return on Equity	-	-
9	Less: Non-Tariff Income	21.44	21.44
10	Aggregate Revenue Requirement	1596.33	435.53



3.2.1 Revised Energy Sales Projected

Aspen has projected the revised Energy Sales for FY 2014-15 as given in the Table below:

Table 3.3: Revised Projection of Energy Sales for FY 2014-15

Particulars	As approved by the Commission	Revised Estimate
Sales in Units	2,18,55,768	59,64,800

(kWh)

Petitioner's submission

The Aspen has submitted that although Aspen had projected growth in sales in FY 2013-14 and beyond in its MYT Business Plan and MYT Petition, the same has been impacted against the backdrop of the general economic slowdown and uncertainty in the Government Policies vis-a-vis SEZs'. As a result, the addition of new units has been delayed and are yet to be operational. There also exists significant uncertainty regarding the entry of future unit holders in the SEZ. The revised estimate of energy sales for FY 2014-15 is projected as given in the above Table:

3.2.2 Revised Projection of Energy Requirement

Commission's analysis

Based on the revised projected sales and distribution loss of 3% as approved in the MYT Order, the projected energy requirement for FY 2014-15 is as given in the Table below:

Table 3.4: Revised Projection of Energy Requirement for FY 2014-15

Sl. No.	Particulars	As approved by the Commission	Revised Estimate
1	Energy Sales (Units)	2,18,55,768	59,64,800
2	Distribution losses (%)	3.00%	3.00%
3	Distribution Loss (Units)	6,75,952	1,84,478
4	Energy Requirement after loss (Units)	2,25,31,270	61,49,278

3.2.3 Revised Projection of Power Purchase Cost

Aspen has projected the power purchase cost based on the projected Energy Requirement as given in the Table below:

Table 3.5: Revised Projection of Power Purchase Cost for FY 2014-15

Sl. No.	Particulars	As approved by the Commission	Revised Estimate
1	Power Purchase (Units)	2,25,31,270	61,49,278
2	Cost per Unit (Rs/kWh)	7.09	7.09
3	Power Purchase Cost (Rs Lakh)	1596.51	435.71



Aspen submitted that the cost per unit, (Rs 7.09/kWh) as approved in the MYT Order is considered for the projection of Power Purchase Cost.

3.2.4 Revised Projection of Revenue Gap for FY 2014-15

Aspen submitted that the revenue from sale of electricity for FY 2014-15 has been determined based on estimated energy sales and prevalent tariff, as approved by the Commission in the Order dated 8th May, 2013.

Based on the above, Aspen projected the Revenue Gap for FY 2014-15, as given in the Table below:

Table 3.6: Revised Projection of Revenue Gap/Surplus for FY 2014-15

		(Rs Lakh)
Sl. No.	Particulars	FY 2014-15
1	Revised Aggregate Revenue Requirement for FY 2014-15	435.53
2	Add: Revenue Gap for FY 2012-13	0.00
3	Less: Revenue at existing tariff and charges	426.67
4	Revenue Gap/(Surplus)	8.86

Aspen requested the Commission to approve the gap as projected above.

3.2.5 Tariff for FY 2014-15

Aspen submitted as follows:

The 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 licence area overlaps with the licence area of MGVL, 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 MGVL'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 Licence area.



Further, the Commission in its Order dated May 8, 2013 in Case No. 1271 of 2012 in the matter of Aspen ruled as under:

“3.18 Tariff determination for FY 2013-14

...

*As Aspen SEZ is still in the process of development, the Commission decides to continue with the above approach. **Accordingly, the Commission considers the request of Aspen and decides that the MGVCL’s tariff approved in the Commission’s Tariff Order dated 16th April, 2013 will be the maximum ceiling for retail supply in SEZ area of Aspen in accordance with the tariff schedule annexed to this Order.” (emphasis added)***

In view of the above, 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 of consumers in the MGVCL area of supply for FY 2014-15.

3.3 Commission’s Analysis

3.3.1 Energy Sales

There is vast difference between the sales approved for FY 2014-15 in the MYT Order and the revised projection by Aspen. The sales projected are only 27% of those approved in the Tariff Order. The Commission agrees with the Submissions of the Petitioner, mentioned in Para 3.2 for the steep reduction in projected sales, compared to the sales approved in the MYT Order and accordingly approves the revised projected sales at 59,64,800 units (59.65 MU).

3.3.2 Distribution loss, Energy requirement, Power Purchase cost and other items of Expenditure

The distribution losses (3%) and other ARR items of expenditure except Power Purchase Cost, are projected, as approved by the Commission in the MYT Order. The Power Purchase Cost per unit projected by Aspen is as approved by the Commission in the MYT Order and so the same are considered by the Commission.

Accordingly, the Commission approves the Energy requirement and power purchase cost as mentioned in the Table below:

Aspen Infrastructure Limited
Aggregate Revenue Requirement and
Determination of Tariff for FY 2014-15

Table 3.7: Approved Energy Requirement and Power Purchase Cost for FY 2014-15

Sl. No.	Particulars	FY 2014-15
1	Energy sales (MU)	59,64,800
2	Distribution losses (%)	3%
3	Energy Requirement (MU)	61,44,278
4	Average power purchase cost/unit (Rs/kWh)	7.09
5	Power Purchase Cost (Rs Lakh)	435.71

3.3.3 Aggregate Revenue Requirement

Based on the above, the Aggregate Revenue Requirement (ARR) approved by the Commission for FY 2014-15 is as given in the Table below:

Table 3.8: Approved ARR for FY 2014-15

Sl.No.	Particulars	(Rs Lakh) Approved ARR
1	Power Purchase Cost	435.71
2	O&M Expenses	21.26
i	Employee expenses	
ii	R&M Expenses	
iii	A&G Expenses	
3	Depreciation	
4	Interest on long term loan capital	
5	Other Expenses	
6	Income tax	
7	Total Revenue Expenditure	456.97
8	Return on Equity	
9	Less: Non-Tariff Income	21.44
10	Aggregate Revenue Requirement	435.53

3.3.4 Revenue with existing Tariff and Revenue Gap/(Surplus)

The Revenue with existing Tariff is projected by Aspen at Rs. 426.67 Lakh, which is considered by the Commission after due validation.

Based on the above, the revenue Gap/(Surplus) approved for FY 2014-15 is as given in the Table below:

Table 3.9: Approved Revenue Gap/(Surplus) for FY 2014-15

Sl. No.	Particulars	(Rs Lakh) FY 2014-15
1	Aggregate Revenue Requirement	435.53
2	Less: Revenue at existing tariff and charges	426.67
3	Revenue Gap (Surplus)	8.86

The gap approved is only Rs. 8.86 Lakh, which is very marginal and can be made good by efficiency improvement like reduction in distribution losses etc.



3.3.5 Tariff determination for FY 2014-15

The Commission in its order dated 20th October, 2012 in Case No. 1240 of 2012 in the matter of Aspen (formerly Synefra) has ruled as under:

*“As the area of said SEZ has two licensees, viz. MGVCL and Synefra and in the light of provisions of Section 62 of the Electricity Act, 2003, the Commission decides to fix only the maximum ceiling of tariff for retail sale of electricity in order to promote competition among distribution licensees. **Consequently, the Commission decides that the MGVCL tariff approved in the Commission's Tariff Order dated 2nd June 2012, will be the maximum ceiling for Synefra.**”*

In its Order dated 8th May, 2013, the Commission decided as follows:

*“As Aspen SEZ is still in the process of development, the Commission decides to continue with the above approach. **Accordingly, the Commission considers the request of Aspen and decides that the MGVCL's tariff approved in the Commission's Tariff Order dated 16th April, 2013 will be the maximum ceiling for retail supply in SEZ area of Aspen in accordance with the tariff schedule annexed to this Order.**”*

As Aspen SEZ is still in the process of development, the Commission decides to continue with the above approach. **Accordingly, the Commission considers the request of Aspen vide para 3.2.5 and decides that the MGVCL's tariff approved in the Commission's Tariff Order dated 29th April 2014 will be the maximum ceiling for retail supply in SEZ area of Aspen in accordance with the tariff schedule annexed to this Order.**

4. Compliance of Directives

4.1 Compliance of Directives

The Commission in its Tariff Order dated 8th May, 2013 had issued two directives. Aspen has submitted a report on the Compliance of the directives issued by the Commission. The comments of the Commission on the submission/compliance of the Aspen are given below:

Directive 1: Map of Aspen SEZ

Aspen is directed to furnish a scaled map of Aspen SEZ with the licensed area of power supply. It should mark the interface points of power supply with existing and proposed network and the areas where the industries are likely to come up, etc., for information of the Commission.

Compliance:

Aspen has complied with the direction of the Commission, and the map of Aspen SEZ has been submitted vide letter dated December 24, 2013.

Commission's comments

The Compliance of the Petitioner is noted.

Directive 2: Maintenance of separate accounts for distribution business

Aspen is directed to submit separate Annual Accounts such as Balance Sheet, Profit and Loss account with relevant schedules and statements for distribution business in the SEZ area every year, duly audited by Statutory Auditor.

Compliance:

Aspen is maintaining separate accounts for the distribution business in the SEZ area with effect from April 1, 2013, and will be able to submit the separate Annual Accounts duly audited by the Statutory Auditor after the completion of FY 2013-14.

Commission's comments

The audited accounts for FY 2013-14 may be submitted immediately.

Fresh Directive - I

Aspen should explore the possibility of getting power at competitive rates as and when the load develops in the SEZ area:



5. Wheeling Charges and Cross Subsidy Surcharge

5.1 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.

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

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

Table 5.1: 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 2014-15 based on the above matrix, as given in the Table below:

Table 5.2: Allocation of ARR between wheeling (wires business) and retail supply business for FY 2014-15

(Rs. Lakh)				
Sl. No.	Cost components	Total	Wheeling (Wires Business)	Retail Supply
1.	Power purchase expenses	435.71	-	435.71
2.	Employee cost	1.83	1.10	0.73
3.	A&G expenses	16.64	8.32	8.32



**Aspen Infrastructure Limited
Aggregate Revenue Requirement and
Determination of Tariff for FY 2014-15**

Sl. No.	Cost components	Total	Wheeling (Wires Business)	Retail Supply
4.	R&M cost	2.78	2.50	0.28
5.	Depreciation	-	-	-
6.	Interest on long-term loans	-	-	-
7.	Interest security deposit	-	-	-
8.	Interest on working capital	-	-	-
9.	Return on equity	-	-	-
10	Total	456.97	11.93	445.04

5.3 Wheeling charges

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

Table 5.3: Calculation of Wheeling charges at 11 kV voltages

Sl. No.	Particulars	Units	Amount
1.	Total distribution cost (wheeling cost)	Rs. Lakh	11.93
2.	Energy input at 11 kV	LU	61.00
3.	Wheeling charge at 11 kV	Ps/kWh	19.55

It is observed from the above table that the wheeling charges from Aspen distribution network work out to be low when compared with the wheeling charges of other distribution licensees in the State. This is due to the distribution network being small and the entire capital comes from the consumers. Thus the wheeling charges at 11 kV are approved as given in the Table below:

Table 5.4: Approved Wheeling charges at 11 kV voltages

Sl. No.	Particulars	Units	Amount
1.	Wheeling charges at 11 kV	Ps.	20.00

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

Table 5.5: Approved Wheeling charges in kind

Particulars	FY 2014-15 - ASPEN Area
HT Category	3.00 %

5.4 Cross subsidy surcharge

The cross subsidy surcharge is based on the formula given in the Tariff Policy as below:

$$S = T - [C(1 + L/100) + D] \text{ Where,}$$

S is the surcharge

T is the tariff payable by the relevant category of consumers;

C is the weighted average cost of power purchase of top 5% at the margin excluding



**Aspen Infrastructure Limited
Aggregate Revenue Requirement and
Determination of Tariff for FY 2014-15**

fuel based generation and renewable power.

D is the Wheeling charges.

L is the system losses for the applicable voltage level, expressed as percentage.

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

Table 5.6: Cross subsidy surcharge for FY 2013-14

Sl. No.	Particular	HT industry
1	T	Rs. 7.15 / kWh
2	C	Rs. 7.09 /kWh
3	D	20 Ps/kWh
4	L	3.00%
5	S = cross subsidy surcharge	-35 Ps/kWh

Cross subsidy surcharge

For H.T.: $S = 7.15 - [7.09(1 + 3.00/100) + 0.20] = -35 \text{ Ps/kWh}$

Thus, the Cross subsidy surcharge for ASPEN area is zero for FY 2014-15.



6. 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 2014-15 as shown in the following table:

Approved ARR for AIL for FY 2014-15

Sl. No.	Particulars	(Rs Lakh) FY 2014-15
1	Power Purchase Cost	435.71
2	O&M Expenses	21.26
3	Total ARR	456.97
4	Less: Non-Tariff Income	21.44
5	Net ARR	435.53

The approved ceiling for retail supply tariff will be in accordance with the Tariff schedule annexed to this order. The order shall be effective from 1st May, 2014.

Sd/-

DR. M.K. IYER
Member

Sd/-

SHRI PRAVINBHAI PATEL
Chairman

Place: Gandhinagar

Date: 29/05/2014



ANNEXURE: TARIFF SCHEDULE

ASPEN INFRASTRUCTURES LTD.

**TARIFF FOR SUPPLY OF ELECTRICITY AT LOW TENSION, HIGH TENSION, AND
EXTRA HIGH TENSION**

Effective from 1st May, 2014

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. UGVCL, DGVCL, MGVCL and PGVCL.
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. 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.
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 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. 65/- 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	315 Paise per Unit
(b)	Next 50 units	360 Paise per Unit
(c)	Next 150 units	425 Paise per Unit
(d)	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.

However, this is not applicable to villages which are located within the geographical jurisdiction of Urban Development Authority.

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. 65/- 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	275 Paise per Unit
(b)	Next 50 units	320 Paise per Unit
(c)	Next 150 units	385 Paise per Unit
(d)	Above 250 units	490 Paise per Unit

2.3 Energy charges: For the total monthly consumption – For the consumer below poverty line (BPL) **



**Aspen Infrastructure Limited
Aggregate Revenue Requirement and
Determination of Tariff for FY 2014-15**

(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. 60/- per month
(b)	Energy charges	380 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:

(i)	First 10 kW of connected load	Rs. 45/- per kW
(ii)	For next 30 kW of connected load	Rs. 75/- 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	425 Paise per Unit
(b)	For installation having contracted load exceeding 10 kW: for entire consumption during the month	455 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 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. 1750 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 470 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:

(a)	For billing demand up to the contract demand	
	(i) For first 40 kW of billing demand	Rs. 85/- per kW per month
	(ii) Next 20 kW of billing demand	Rs. 120/- per kW per month
	(iii) Above 60 kW of billing demand	Rs. 185/- per kW per month
(b)	For billing demand in excess of the contract demand	Rs. 255/- per kW

PLUS

5.2 Energy charges:

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

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 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.

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. 2900 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 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:

Fixed charges specified in Rate Non-RGP above.
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PLUS

6.2 Energy Charges:

For entire consumption during the month	250 Paise per Unit
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**Aspen Infrastructure Limited
Aggregate Revenue Requirement and
Determination of Tariff for FY 2014-15**

NOTE:

1. 10% of total units consumed and 15% of the contract load can be availed beyond the prescribed hours.
2. 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.
3. 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.
4. 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.

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	250 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. 10% of total units consumed and 15% of the contract load can be availed beyond the prescribed hours.
2. 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.
3. 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.

4. *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.*

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 cannel, river, & dam and supplying water directly to the fields of farmers for agricultural irrigation only.

(a)	Fixed charges per month	Rs. 40/- per HP
PLUS		
(b)	Energy charges For entire consumption during the month	170 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. 20/- per HP
PLUS		
(b)	Energy charges per month: For entire consumption during the month	420 Paise per Unit

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. 15 per HP
PLUS		



**Aspen Infrastructure Limited
Aggregate Revenue Requirement and
Determination of Tariff for FY 2014-15**

(b)	Energy charges per month: For entire consumption during the month	400 Paise per Unit
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9.3 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	310 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.	30 Paise per Unit
	For energy consumption during night hours, viz., 2200 Hrs to 0600 Hrs. next day	75 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. 25 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
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**Aspen Infrastructure Limited
Aggregate Revenue Requirement and
Determination of Tariff for FY 2014-15**

Energy Charges: For entire consumption	80 Paise per Unit per month
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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:	395 Paise per Unit
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11.1.2 Optional kVAh Charges:

For all the kVAh units consumed during the month:	295 Paise per Unit
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11.1.3 Renewal and Replacements of Lamps:



**Aspen Infrastructure Limited
Aggregate Revenue Requirement and
Determination of Tariff for FY 2014-15**

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.

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. 25 per kW per month

11.2.2 Energy charges:

For all units consumed during the month

395 Paise per kWh

11.2.3 Renewal and Replacement 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.

11.2.4 Maintenance other than Replacement of Lamps:

Maintenance of the street lighting system 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. 14 per kW per Day

12.2 ENERGY CHARGE

A flat rate of

455 Paise per Unit

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. 120/- per kVA per month
(b)	For next 500 kVA of billing demand	Rs. 230/- per kVA per month
(c)	For billing demand in excess of 1000 kVA	Rs. 350/- per kVA per month*

Typo error corrected on dated 5th June 2014 from Rs. 340/- per kVA per month to Rs. 350/- 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. 430 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	425 Paise per Unit
(b)	For billing demand above 500 kVA and up to 2500 kVA	445 paise per Unit
(c)	For billing demand above 2500 kVA	455 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	35 Paise per Unit
(b) For Billing Demand above 500 kVA	75 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” 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.

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” for every 1% rise or part thereof in the average power factor during



**Aspen Infrastructure Limited
Aggregate Revenue Requirement and
Determination of Tariff for FY 2014-15**

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 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.

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 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.

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 clauses 13.11.2 above shall be Rs. 4350 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 455 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. 105/- per kVA per month
(b)	For next 500 kVA of billing demand	Rs. 215/- per kVA per month
(c)	For billing demand in excess of 1000 kVA	Rs. 280/- per kVA per month



**Aspen Infrastructure Limited
Aggregate Revenue Requirement and
Determination of Tariff for FY 2014-15**

14.1.2 For billing demand in excess of contract demand

For billing demand in excess of contract demand	Rs. 350 per kVA per month
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PLUS

14.2 Energy Charges:

For entire consumption during the month		
(a)	Up to 500 kVA of billing demand	425 Paise per Unit
(b)	For billing demand above 500 kVA and up to 2500 kVA	445 Paise per Unit
(c)	For billing demand above 2500 kVA	455 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 500kVA	35 Paise per Unit
(b)	For Billing Demand above 500kVA	75 Paise per Unit

14.4 Billing demand	}	Same as per HTP-I Tariff
14.5 Minimum bill		
14.6 Power Factor Adjustment Charges		
14.7 Maximum demand and its measurement		
14.8 Contract Demand		
14.9 Rebate for supply at EHV		
14.10 Concession for use of electricity during night hours		

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.



**Aspen Infrastructure Limited
Aggregate Revenue Requirement and
Determination of Tariff for FY 2014-15**

15.1 Demand Charges:

For billing demand up to contract demand	Rs. 480/- per kVA per month
For billing demand in excess of contract demand	Rs. 550/- per kVA per month

PLUS

15.2 Energy Charges:

For all units consumed during the month	650 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	75 Paise per Unit
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15.4 Billing demand	} Same as per HTP-I Tariff
15.5 Minimum bill	
15.6 Power Factor Adjustment Charges	
15.7 Maximum demand and its measurement	
15.8 Contract Demand	
15.9 Rebate for supply at EHV	

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:

Same rates as specified in Rate HTP-I

PLUS

16.2 Energy Charges:

For all units consumed during the month	230 Paise per Unit
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16.3 Billing demand 16.4 Minimum bill 16.5 Power Factor Adjustment Charges 16.6 Maximum demand and its measurement 16.7 Contract Demand 16.8 Rebate for supply at EHV	}	Same as per HTP-I Tariff
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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 tariff 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.

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. 40 per kVA per month

PLUS

17.2 Energy Charges:

For all units consumed during the month	170 Paise per Unit
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**Aspen Infrastructure Limited
Aggregate Revenue Requirement and
Determination of Tariff for FY 2014-15**

17.3	Billing demand	}	Same as per HTP-I Tariff
17.4	Minimum bill		
17.5	Power Factor Adjustment Charges		
17.6	Maximum demand and its measurement		
17.7	Contract Demand		
17.8	Rebate for supply at EHV		

18.0 Rate: RAILWAY TRACTION

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

18.1 Demand Charges:

(a) For billing demand up to the contract demand	Rs. 160 per kVA per month
(b) For billing demand in excess of contract demand	Rs. 400 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	490 Paise per Unit
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18.3	Billing demand	}	Same as per HTP-I Tariff
18.4	Minimum bill		
18.5	Power Factor Adjustment Charges		
18.6	Maximum demand and its measurement		
18.7	Contract Demand		
18.8	Rebate for supply at EHV		

