

# **GUJARAT ELECTRICITY REGULATORY COMMISSION**



## **Tariff Order:**

Determination of Tariff for FY 2012-13

For

**Synefra Engineering and Construction Limited  
(SECL)**

**Case No. 1240 of 2012**

**20<sup>th</sup> October 2012**

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**GUJARAT ELECTRICITY REGULATORY COMMISSION  
(GERC)**

**AHMEDABAD**

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**Before the Gujarat Electricity Regulatory Commission at  
Ahmedabad**

Case No. 1240 of 2012

Date of the Order: 20/10/2012

**CORAM**

Dr. P.K. Mishra, Chairman  
Shri Pravinbhai Patel, Member  
Dr. M.K. Iyer, Member

**ORDER**

- 1.1** The Synefra Engineering & Construction Limited (hereinafter referred to as 'Synefra' or 'petitioner') 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 Electricity Act, 2003 for its Distribution Business at Alwa-Pipaliya SEZ. The Commission admitted the petition as case No. 1240/2012 on 7<sup>th</sup> September, 2012.
- 1.2** Synefra Engineering and Construction Limited (Synefra), 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, 411 028 Maharashtra, India.

Synefra has been notified as the Developer of the SEZ by the Ministry of Commerce & Industry (Department of Commerce), Government of India, vides Notification No. S.O. 1084(E) dated 3<sup>rd</sup> July, 2007.



Synefra had filed an application for grant of Distribution License before the Commission. The Commission, vide its letter dated July 27, 2010 communicated to Synefra that in view of the March 3, 2010 notification of the Ministry of Commerce & Industry (Department of Commerce), Government of India, which granted Deemed Licensee status to the Developer of the SEZ, there is no need to issue a Distribution License to Synefra.

The Commission, vide its Notice dated June 6, 2011, directed Synefra to file the MYT Petition for FY 2011-12 to FY 2015-16 along with the Business Plan. Synefra requested the Commission to grant additional time for filing the MYT Petition and Business Plan, and the Commission granted the additional time to Synefra for the same.

- 1.3 The petitioner has filed the present petition for 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.

It is apt to refer here to Clause 9.3 of the GREC (Multi-Year Tariff Framework) Regulations, 2007 which reads as under;

*9.3 The scope of the annual performance review shall be a comparison of the performance of the Generating Company or Licensee with the approved forecast of aggregate revenue requirement and expected revenue from tariff and charges and shall comprise the following:*

*(a) A comparison of the audited performance of the applicant for the previous financial year with the approved forecast for such previous financial year;*

It is also worthwhile to refer to Clause 12. 1 of the GREC (Multi-Year Tariff Framework) Regulations, 2007 which reads as under;

*12.1 The Commission shall determine the tariff of a Generating Company or Licensee covered under a multi-year tariff framework for each financial year during the control period, at the commencement of such financial year, having regard to the following:*

*(a) The approved forecast of aggregate revenue requirement including the incentive available for the Generating Company or Licensee and expected revenue from tariff*



*and charges for such financial year, including approved modifications to such forecast; and*

*(b) Approved gains and losses to be passed through in tariffs, following the annual performance review.*

Thus, from the above it is very clear that True up of ARR and revenue of a licensee is to be done by comparing audited performance with the approved forecast of ARR and revenue. Also it is clear from the above that tariff for the ensuing financial year be determined considering approved gains and losses arrived at after True up.

But for Synefra, the Commission has not approved any ARR for FY 2008-09, FY 2009-10 and FY 2010-11 as it was not proposed / submitted by the petitioner, Synefra. Hence, the question of comparing actual performance with approved performance of the petitioner does not arise. Hence, the prayer made by the petitioner for True up of FY 2008-09, FY 2009-10 and FY 2010-11 cannot be granted.

- 1.4 The petitioner has further prayed for approval of Aggregate Revenue Requirement for the Second Control Period from FY 2011-12 to FY 2015-16, and determination of tariff for FY 2012-13.

In this regard, when the petition was filed, the FY 2011-12 was already over and at this stage half of the FY 2012-13 is already completed. Hence, the Commission decides not to determine ARR for FY 2011-12 and FY 2012-13.

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 2<sup>nd</sup> June 2012, will be the maximum ceiling for Synefra.

The Commission directs the petitioner 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 30<sup>th</sup> November 2012 in accordance to GERC (MYT) Regulations 2011.



## COMMISSION'S ORDER

The Commission approves the ceiling for Retail Supply Tariff in accordance with the Tariff Schedule annexed to this order. The order shall come into force from 1<sup>st</sup> November 2012.

Sd/-

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**Dr. M.K. Iyer**  
**Member**

Sd/-

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**Shri Pravinbhai Patel**  
**Member**

Sd/-

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**Dr. P.K. Mishra**  
**Chairman**

Place: Ahmedabad

Date: 20<sup>th</sup> October 2012





**TARIFF SCHEDULE FOR FY 2012-13**  
**CEILING TARIFF FOR SUPPLY OF ELECTRICITY AT LOW TENSION, HIGH**  
**TENSION, AND EXTRA HIGH TENSION**

**Effective from 1<sup>st</sup> November 2012**

**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 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**

**CEILING 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 6kW

Three-phase supply- Aggregate load above 6kW

**1.1 Fixed Charges/Month:**

Range of Connected Load: (Other than BPL Consumers)

(a)	Up to and including 2 kW	Rs. 5/- per month
(b)	Above 2 to 4 kW	Rs. 15/- per month
(c)	Above 4 to 6 kW	Rs. 30/- per month
(d)	Above 6 kW	Rs. 45/- 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	295 Paise per Unit
(b)	Next 50 units	335 Paise per Unit
(c)	Next 150 units	400 Paise per Unit
(d)	Above 250 units	490 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



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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 6kW

Three-phase supply- Aggregate load above 6kW

**2.1 Fixed Charges/Month:**

Range of Connected Load: (Other than BPL Consumers)

(a)	Up to and including 2 kW	Rs. 5/- per month
(b)	Above 2 to 4 kW	Rs. 15/- per month
(c)	Above 4 to 6 kW	Rs. 30/- per month
(d)	Above 6 kW	Rs. 45/- 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	255 Paise per Unit
(b)	Next 50 units	295 Paise per Unit
(c)	Next 150 units	360 Paise per Unit
(d)	Above 250 units	460 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)



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\*\*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. 45/- per month
(b)	Energy charges	355 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 40kW.

**4.1 Fixed charges per month:**

(i)	First 10 kW of connected load	Rs. 30/- per kW
(ii)	For next 30 kW of connected load	Rs. 55/- per kW

PLUS

**4.2 Energy charges:**

(a)	For installation having contracted load up to and including 10kW: for entire consumption during the month	400 Paise per Unit
(b)	For installation having contracted load exceeding 10kW: for entire consumption during the month	430 Paise per Unit



#### **4.3 Minimum Bill**

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

Rs. 140 per kW

#### **4.4 Minimum Bill Per Installation for Seasonal Consumers**

- (a) "Seasonal Consumer", shall mean a consumer who takes and uses power supply for ice factory, ice candy machines, ginning and pressing factory, oil mill, rice mill, huller, salt industry, sugar factory, khandsari, cold storage plants (including such plants in fisheries industry), tapioca industries manufacturing starch, etc.
- (b) Any consumer, who desires to be billed for the minimum charges on annual basis shall intimate to that effect in writing in advance about the off-season period during which energy consumption, if any, shall be mainly for overhauling of the plant and machinery. The total period of the off-season so declared and observed shall be not less than three calendar months in a calendar year.
- (c) The total minimum amount under the head "Fixed and Energy Charges" payable by the seasonal consumer satisfying the eligibility criteria under sub-clause (a) above and complying with the provision stipulated under sub-clause (b) above shall be Rs. 1600/- per annum per kW of the contracted load.
- (d) The units consumed during the off-season period shall be charged for at a flat rate of 445 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 40kW and up to 100kW.



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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:**

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

**PLUS**

**5.2 Energy charges:**

For the entire consumption during the month	435 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 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. 2700/- 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 445 Paise per unit.

#### **6.0 Rate: Non-RGP Night**

This tariff is applicable for aggregate load up to 40kW 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
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230 Paise per Unit
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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 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 40kW 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:**

Fixed charges specified in Rate <b>LTMD</b> above.
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**PLUS**

**7.2 Energy Charges:**

For entire consumption during the month	230 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



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

(a)	Fixed charges per month	Rs. 25/- per HP
<b>PLUS</b>		
(b)	Energy charges For entire consumption during the month	160 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.15/- per HP
<b>PLUS</b>		
(b)	Energy charges per month: For entire consumption during the month	395 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.9 per HP
<b>PLUS</b>		



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(b)	Energy charges per month: For entire consumption during the month	375 Paise per Unit
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9.3 Type III – Water works and sewerage pumps operated by Municipalities/Nagarpalikas and Gram Panchayat or Gujarat Water Supply & Sewerage Board for its installations located in Gram Panchayats:

Energy charges per month: For entire consumption during the month	285 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.175/HP/month
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**ALTERNATIVELY**

10.1.2 Metered Tariff:

Fixed Charges	Rs. 10 per HP per month
Energy Charges: For entire consumption	50 Paise per Unit per month



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10.1.3 Tatkal Scheme:

Fixed Charges	Rs. 10 per HP per month
Energy Charges: For entire consumption	70 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:	370 Paise per Unit
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11.1.2 Optional kVAh Charges:

For all the kVAh units consumed during the month:	280 Paise per Unit
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11.1.3 Renewal and Replacements of Lamps:

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

**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. 20 per kW per month
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11.2.2 Energy charges:

For all units consumed during the month	370 Paise per kWh
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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.

**12.1 FIXED CHARGE**

Fixed Charge per Installation	Rs.14 per kW per Day
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**12.2 ENERGY CHARGE**

A flat rate of	435 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**

**CEILING TARIFF FOR SUPPLY OF ELECTRICITY AT HIGH TENSION  
(3.3 KV AND ABOVE, 3-PHASE 50 C/S), AND EXTRA HIGH TENSION**

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

**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. 100/- per kVA per month
(b)	For next 500 kVA of billing demand	Rs. 200/- per kVA per month
(c)	For billing demand in excess of 1000 kVA	Rs. 270/- 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. 370 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 next 2000 kVA of billing demand	420 paise per Unit
(c)	For billing demand in excess of 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 500kVA	35 Paise per Unit
(b) For Billing Demand above 500kVA	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 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:**

<b>On Energy charges:</b>		<b>Rebate @</b>
(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 (recorded by a polyphase meter operated through time-switch) as is in excess of one third of the total energy consumed during the month, shall be eligible for concession at the rate of 75 Paise per unit. The polyphase meter and time switch shall be procured and installed by the consumer at his cost and sealed by the Distribution Licensee.

**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.4000/- 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.



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**14.1 Demand Charges:**

14.1.1 For billing demand up to contract demand

(a)	For first 500 kVA of billing demand	Rs.90/- per kVA per month
(b)	For next 500 kVA of billing demand	Rs.190/- per kVA per month
(c)	For billing demand in excess of 1000 kVA	Rs.250/- per kVA per month

14.1.2 For billing demand in excess of contract demand

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

**14.2 Energy Charges:**

For entire consumption during the month		
(a)	Up to 500 kVA of billing demand	400 Paise per Unit
(b)	For next 2000 kVA of billing demand	420 Paise per Unit
(c)	For billing demand in excess of 2500 kVA	430 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
- 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

Same as per HTP-I Tariff

**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



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taking supply for temporary period.

**15.1 Demand Charges:**

For billing demand up to contract demand	Rs.462/- per kVA per month
For billing demand in excess of contract demand	Rs. 550/- per kVA per month

**PLUS**

**15.2 Energy Charges:**

For all units consumed during the month	640 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

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

} Same as per HTP-I Tariff

**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
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**PLUS**

**16.2 Energy Charges:**

For all units consumed during the month	210 Paise per Unit
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16.3	Billing demand	}	SAME AS PER HTP-I TARIFF
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		

**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. 25 per kVA per Month
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**PLUS**

**17.2 Energy Charges:**

For all units consumed during the month	160 Paise per Unit
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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	465 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		

