

ANDHRA PRADESH ELECTRICITY REGULATORY COMMISSION

From

Secretary / APERC,
11-4-660, 4th Floor,
Singareni Bhavan, Red Hills,
Hyderabad -500 004

To

The Chairman & Managing Director,
APCPDCL / APEPDCL,
APSPDCL / APNPDCL.

Lr.No. APERC/E- 223/GTCS/DD-Dist/2009-01 Dated 27- 01-2009

Sir,

Sub: - APERC - GTCS amendment – CEA Regulation 2007 - Reg.

- Ref: - 1. CEA Regulation 2007 (Technical Standards for connectivity to the Grid)
2. Proceeding No. Secy/01/2006 Dated 06-01-2006

The Central Electricity Authority notified Regulation 2007 (Technical Standards for connectivity to the Grid) under section 7 and section 73(b) read with section 177(2) of Electricity Act 2003, wherein the standards to be maintained by the distribution company are mentioned. To comply with the said regulation, the Commission issued a draft proceedings dated 08-09-2008 amending the General Terms and Conditions of Supply and sought comments/suggestions from the public, interested persons and stakeholders.

The Commission considered all comments/suggestions and approved GTCS (Amendment) 2/2009 Proceedings, dated 23-01-2009. The GTCS amendment proceeding dated 23-01-2009 is enclosed herewith for implementation.

The DISCOMs shall give minimum one month notice to all consumers to install required capacitors. All Consumers shall install the required Capacitors by the end of February 2009, to achieve the prescribed power factor of 0.95. The Consumers will be given a trial period of one month i.e., up to 31st March 2009. During the trial period normative power factor shall be 0.90 for all practical purpose.

Actual enforcement of 0.95 power factor shall be implemented from FY 2009-10.

As mentioned in the tariff order, the approved power factor range shall also be applicable to LT consumers for whom HT power factor surcharge is applicable.

Yours faithfully,


SECRETAR

ANDHRA PRADESH ELECTRICITY REGULATORY COMMISSION

4th Floor, Singareni Bhavan, Red Hills, Hyderabad – 500 004

Amendment of General Terms and Conditions of Supply – Approval - Issued.

Proceedings No. Secy/ 02 /2009

Dated: 23 -01-2009

Read the following:

1. Ministry of Power, (Central Electricity Authority), Central Electricity Authority (Technical Standards for Connectivity to the Grid) Regulation, 2007 dated 21-02-2007.
2. Secy/01/2006 Dated: 06-01-2006

The Ministry of Power, (Central Electricity Authority) notified Central Electricity Authority (Technical Standards for Connectivity to the Grid) Regulation, 2007 dated 21-02-2007, for regulating the technical standards for connectivity to the grid

- 1) Pursuant to the provisions of the Central Electricity Authority (Technical Standards for Connectivity to the Grid) Regulation, 2007 dated 21-02-2007, the Commission hereby approves the following amendments to the General Terms and Conditions of Supply issued vide proceedings No: Secy/01/2006 Dated: 06-01-2006.
- 2) The Distribution Licensees shall make available the copies of these GTCS (Amendment) - 2 /2009 at all their offices down to the Section Level for reference by any consumer who desires to refer to the same during working hours.
- 3) For clause 12.2.1, the following clause shall be substituted, namely:-

"12.2.1. The normative power factor shall be 0.95 for all HT consumers. The power factor of the consumer's Installation shall not be less than 0.95 for all HT consumers. If the power factor falls below 0.95 during any month, the consumer shall pay a surcharge as detailed below.

S No	Power Factor Range	Surcharge
1.	Below 0.95 & upto 0.90	0.5% of C.C.charges bill of that month for every 0.01 fall in Power Factor from 0.95
2.	Below 0.90 & Upto 0.85	1% of C.C.charges bill of that month for every 0.01 fall in Power Factor from 0.90
3.	Below 0.85 & Upto 0.80	1.5% of C.C.charges bill of that month for every 0.01 fall in Power Factor from 0.85
4.	Below 0.80 & Upto 0.75	2% of C.C.charges bill of that month for every 0.01 fall in Power Factor from 0.80
5.	Below 0.75	3% of C.C.charges bill of that month for every 0.01 fall in Power Factor from 0.75

No Objections - 1st page - *[Signature]*

4) For clause 12.2.2 of GTCS, the following clause shall be substituted, namely:-

"12.2.2 Should the power factor drop below **0.75** and so remain for a period of 2 consecutive months, it must be brought to **0.95** within a period of 6 Months by methods approved by the Company failing which without prejudice to the right of the Company to collect the surcharge and without prejudice to such other rights as have accrued to the Company or any other right of the Company, the supply to the consumer may be discontinued."

5) In Annexure XII(I)(A) (Unauthorised use of electricity),-

i) For annexure A1.1, the following shall be substituted, namely:-

"A1.1 Industrial (HT-I):

Energy consumed per month = Demand in kVA * Power Factor * Load Utilisation factor *
Number of shifts per day * Number of hours per shift * Number of working days in the month
= Demand in kVA * 0.95 * 1 * Number of shifts per day * 8 hours * 25 or 30 days".

ii) For annexure A1.3, the following shall be substituted, namely:-

"A1.3 Agricultural (HT-IV):

When flat rate tariff is in force:

Energy assessment is not required.

where metered tariff is applicable:

Energy consumed per month = Demand in kVA * Power Factor * Load Utilisation Factor *
Number of working hours per day * Number of working days in the month
= Demand in kVA * 0.95 * 1 * No. of working hours per day * 30 days".

iii) For annexure A1.4, the following shall be substituted, namely:-

"A1.4 Railway Traction (HT-V):

Energy consumed per month = Demand in kVA * 0.95 * 0.5 * 24 hours * 30 days

iv) For annexure A1.5, the following shall be substituted, namely:-

"A1.5 Township and Colonies (HT-VI):

Energy consumed per month = Demand in kVA * 0.95 * 0.3 * 24 hours * 30 days".

6) In Annexure XII(I)(B) (theft of electricity),-

i) For annexure A1.1, the following shall be substituted, namely:-

“A1.1 Industrial (HT-I):

Energy consumed per month = Demand in kVA * Power Factor * Load Utilisation factor *
Number of shifts per day * Number of hours per shift * Number of working days in the month
= Demand in kVA * 0.95 * 1 * Number of shifts per day * 8 hours * 25 or 30 days”.

ii) For annexure A1.3, the following shall be substituted, namely:-

“A1.3 Agricultural (HT-IV):

When flat rate tariff is in force:

Energy assessment is not required.

where metered tariff is applicable:

Energy consumed per month = Demand in kVA * Power Factor * Load Utilisation Factor *
Number of working hours per day * Number of working days in the month
= Demand in kVA * 0.95 * 1 * No. of working hours per day * 30 days”.

iii) For annexure A1.4, the following shall be substituted, namely:-

“A1.4 Railway Traction (HT-V):

Energy consumed per month = Demand in kVA * 0.95 * 0.5 * 24 hours * 30 days

iv) For annexure A1.5, the following shall be substituted, namely:-

“A1.5 Township and Colonies (HT-VI):

Energy consumed per month = Demand in kVA * 0.95 * 0.3 * 24 hours * 30 days”.

This Order is signed by the Andhra Pradesh Electricity Regulatory Commission on 23 January, 2009

(BY ORDER OF THE COMMISSION)



[Handwritten Signature]
SECRETARY

SECRETARY
A.P. Electricity Regulatory Commission
Hyderabad.