

## **TAMIL NADU ELECTRICITY REGULATORY COMMISSION**

**Draft Notification No. TNERC/DC/8 –..... dated .11.2019.**

**(Comments invited by 06-12-2019)**

1. The following draft of amendment to the Tamil Nadu Electricity Distribution Code, which it is proposed to make in exercise of the powers conferred by section 181 read with section 46 of the Electricity Act, 2003 (Central Act 36 of 2003) and all other powers enabling it in this behalf, is hereby published for information of all persons likely to be affected thereby, as required by sub section (3) of section 181 of the said Act.

2. Notice is hereby given that the draft amendment will be taken into consideration after expiry of thirty days from the date of publication of this Notification in the TNERC website and that any objection or suggestion, which may be received from any person before the expiry of the aforesaid period will be considered by the Commission.

3. Objection or suggestion, if any, should be addressed in duplicate to the Secretary, Tamil Nadu Electricity Regulatory Commission, 19-A, Rukmini Lakshmi pathy Salai, Egmore, Chennai – 600 008.

### **AMENDMENTS**

**In the said Distribution Code,-**

**1) in regulation 26, in sub-regulation (1), for the expression ‘Supply of electricity available to the consumer is of the following categories’ the following shall be substituted, namely:-**

*“1. Supply of electricity shall be availed by the consumer under the following categories:”*

**2) In regulation 26, in sub-regulation (1), for clause (b), the following clause shall be substituted, namely:-**

*“(b) Three-phase 4 wire 415 volts between phases and 240 volts between phase and neutral for supply to a total connected load exceeding 4000 watts but not exceeding a demand of 150 KW;*

*Provided that for a consumer requiring a sanctioned demand above 112 KW but below or upto 150 KW, availing of supply shall be subject to the following conditions:*

- i) Space for erection of a Distribution Transformer by the licensee shall be provided by the consumer and such space for erecting the Distribution transformer may either be provided within the consumer's premises or in a private land within a radius of 100 meters from the consumer's premises. In exceptional cases, depending on suitability of site conditions, the Distribution circle officer (the Superintending Engineer) may relax the distance criteria upto 200 meters.*
- ii) As far as possible, the licensee shall erect a single pole Distribution Transformer in the consumer's premises with separate mounting arrangement that can hold the Distribution transformer like providing a stud/plinth or pillar like arrangement etc. Works for mounting arrangements shall be carried out by the consumer.*
- iii) Installation of Distribution Transformer with associated equipments viz. AB switch, HG fuse, DT structure/pole shall be carried out by the licensee at the*

*Licensee's cost. Works of installation from the LT side of the Distribution transformer to the meter in the premises shall be carried out by the consumer duly bearing the cost of installation.*

*iv) Notwithstanding anything contained in sub-regulations (17) and (18) of regulation 29 of Distribution Code, the service line shall be maintained by the consumer.*

*Provided also that for the demand above 112 KW upto 150 KW, the consumer shall pay fixed charges that is equal to the demand charges per KVA applicable to relevant HT category of service on KW basis, that is to say, for a demand of 120 KW, the fixed charges shall be - 112 KW multiplied by the fixed charges for LT category + 8 KW multiplied by the demand charges/kVA for HT category notified in the Commission's Tariff order.*

*Explanation - Existing Consumers i.e LT consumers prior to the notification of amendment in the Government gazette which is the effective date of coming into force of this Regulation, whose demand exceeds 112 KW and is within 150 KW may opt to avail supply under LT category subject to the conditions in the proviso to clause (b). LT Consumers whose demand exceeds 112 KW and who do not opt to avail supply as per the conditions in the proviso to clause (b) shall pay excess demand charges in accordance to clause 2(ii)(c)II in sub-regulation (2) of Regulation 5 of this Code."*

(By order of the Tamil Nadu Electricity Regulatory Commission)

(S.Chinnarajalu)  
Secretary

## **EXPLANATORY STATEMENT**

The proposed amendments aim to improve the HT/LT line ratio, facilitate consumers to obtain supply under the 'Ease of doing business' programme of the Department of Industrial Policy and Promotion, and provide choice of supply to other consumers.

(By order of the Tamil Nadu Electricity Regulatory Commission)

(S.Chinnarajalu)  
Secretary

**STATEMENT SHOWING EXISTING PROVISION AND PROPOSED PROVISION**

**Tamil Nadu Electricity Distribution Code**

Sl. No.	Existing regulation	Proposed regulation
1	<p><b>26. Categories of supply</b></p> <p>(1) Supply of electricity available to the consumer is of the following categories:</p> <p>(a) Single-phase 2 wire 240 volts between phase and neutral for supply to a total connected load not exceeding 4000 watts (including power loads) ;</p> <p>(b) Three-phase 4 wire 415 volts between phases and 240 volts between phase and neutral for supply to a total connected loads exceeding 4000 watts but not exceeding a demand of 112 KW;</p> <p>(c) The consumer may elect to avail supply under any one of the above categories where the connected load does not exceed 4000 watts;</p> <p>Explanation: If the connected load or demand of a LT consumer exceeds 50 kW, the consumer shall be provided with LTCT metering.</p> <p>(d) Three-phase three wire supply at 11 kV or 22 kV depending on the voltage level existing in the area of supply shall be provided for a demand limit upto 3 MVA or 5 MVA as the case may be. However, the minimum demand shall be 63 kVA.</p> <p>(e) The consumer shall be provided supply at 33 kV for a demand exceeding 3 MVA and upto 10 MVA if the area of supply is fed through 11 kV system and if the area of supply is fed through 22 kV system, supply at 33 kV shall be provided for a demand exceeding 5 MVA and upto 10 MVA ;</p>	<p><b>26. Categories of supply</b></p> <p>(1) <i>Supply of electricity shall be availed by the consumer under the following categories:</i></p> <p>(a) xxx</p> <p>(b) <i>Three-phase 4 wire 415 volts between phases and 240 volts between phase and neutral for supply to a total connected load exceeding 4000 watts but not exceeding a demand of 150 KW;</i></p> <p><i>Provided that for a consumer requiring a sanctioned demand above 112 KW but below or upto 150 KW, availing of supply shall be subject to the following conditions :</i></p> <p>i) <i>Space for erection of a Distribution Transformer by the licensee shall be provided by the consumer and such space for erecting the Distribution transformer may either be provided within the consumer's premises or in a private land within a radius of 100 meters from the consumer's premises. In exceptional cases, depending on suitability of site conditions, the Distribution circle officer (the Superintending Engineer) may relax the distance criteria upto 200 meters.</i></p> <p>ii) <i>As far as possible, the licensee shall erect</i></p>

<p>(f) The consumer shall be provided supply at 110 kV for a demand above 10 MVA and upto 50 MVA;</p> <p>(g) The consumer shall be provided supply at 230 kV for a demand above 50 MVA.</p> <p>(2) In case of existing service connection / installation not conforming to the provision mentioned in Sub-Regulation (1), conversion of such service connection/installation to higher /lower voltage may be carried out based on the mutual consent between the Distribution Licensee and the Consumer duly considering the capacities of the existing line/cable, transformer etc., and the cost-benefit analysis of such conversion.</p> <p>Explanation : For this purpose of this sub regulation, existing service connection means the service connection or additional demand to the existing service connection, effected on or before 21.3.2012, the date on which the sub regulation(2) came into force.</p> <p>(3) If the consumer opts for higher levels of voltages for demands less than that specified, the consumer shall bear the extra expenses to be incurred by the licensee to provide supply at such higher voltages “</p>	<p><i>a single pole Distribution Transformer in the consumer’s premises with separate mounting arrangement that can hold the Distribution transformer like providing a stud/plinth or pillar like arrangement etc. Works for mounting arrangements shall be carried out by the consumer.</i></p> <p><i>iii) Installation of Distribution Transformer with associated equipments viz. AB switch, HG fuse, DT structure/pole shall be carried out by the licensee at the Licensee’s cost. Works of installation from the LT side of the Distribution transformer to the meter in the premises shall be carried out by the consumer duly bearing the cost of installation.</i></p> <p><i>iv) Notwithstanding anything contained in sub-regulations (17) and (18) of regulation 29 of Distribution Code, the service line shall be maintained by the consumer.</i></p> <p><i>Provided also that for the demand above 112 KW upto 150 KW, the consumer shall pay fixed charges that is equal to the demand charges per KVA applicable to relevant HT category of service on KW basis, that is to say, for a demand of 120 KW, the fixed charges shall be - 112 KW multiplied by the fixed charges for LT category + 8 KW multiplied by the demand charges/kVA for HT category</i></p>
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		<p><i>notified in the Commission's Tariff order.</i></p> <p><i>Explanation - Existing Consumers i.e LT consumers prior to the notification of amendment in the Government gazette which is the effective date of coming into force of this Regulation, whose demand exceeds 112 KW and is within 150 KW may opt to avail supply under LT category subject to the conditions in the proviso to clause (b). LT Consumers whose demand exceeds 112 KW and who do not opt to avail supply as per the conditions in the proviso to clause (b) shall pay excess demand charges in accordance to clause 2(ii)(c)II in sub-regulation (2) of Regulation 5 of this Code."</i></p>
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(By order of the Tamil Nadu Electricity Regulatory Commission)

(S.Chinnarajalu)  
Secretary