GOVERNMENT OF TAMIL NADU

ABSTRACT

ELECTRICITY - Electricity tariff - Amendment to the Schedule to the Tamil Nadu Revision of Tariff Rates on supply of Electrical Energy Act, 1978 - Notification - Issued.

ENERGY (A2) DEPARTMENT

G.O.(Ms.) No. 3
Dated:07.01.2000

5. 5. From the Chairman, Tamil Nadu Electricity Board


ORDER:

The tariff on the supply of energy by the Tamil Nadu Electricity Board to its consumers was last revised and given effect from 20.7.1998. The resources position of the Tamil Nadu Electricity Board for the year 1999-2000 indicates that there will be a Revenue Deficit of Rs.1247.89 crore. The Chairman, Tamil Nadu Electricity Board has reported that the estimated huge gap in revenue is due to the inflation in various input costs that go into the generation of power and also due to increase in purchase of power from central generating power stations, independent power projects and others. These factors necessitate tariff revision so as to accommodate the increase in prices and to bridge the revenue gap partially. Further, the Board has to maintain at least 3% return on capital base at the beginning of every year and to maintain Debt Service Coverage Ratio of 1.1:1 as per Asian Development Bank covenants. Hence, the Tamil Nadu Electricity Board has proposed upward revision of the tariff rates.

2. The Government have considered the proposals sent by the
Chairman, Tamil Nadu Electricity Board carefully taking into account the need for additional revenue required by the Tamil Nadu Electricity Board and the paying capacity of the various categories of consumers. The Government, after careful examination, have decided to revise the tariff in respect of various categories of consumers as indicated in the Notification below.

1. The following Notification will be published in an Extraordinary issue of the Tamil Nadu Government Gazette dated 7th January 2000.

NOTIFICATION

In exercise of the powers conferred by section 4 of the Tamil Nadu Revision of Tariff Rates on Supply of Electrical Energy Act 1978 (Tamil Nadu Act I of 1979), the Governor of Tamil Nadu hereby makes the following amendment to the Schedule to the said Act:-

2. The amendment hereby made shall come into force on the 7th January 2000.

AMENDMENT

In the said Act, for the Schedule, the following Schedule shall be substituted, namely:-

THE SCHEDULE

(See section 3)

PART-A.

HIGH TENSION SUPPLY

High Tension Tariff I:

Registered factories, tea estates, textiles, railway tractions, fertilizers, Salem Steel Plant, Heavy Water Plant, Caustic Soda, Calcium Carbide, Aluminium and
Potassium Chlorate, Software Industries including maintenance, service and Training Institutions and Hardware Units and all other industrial establishments.

<table>
<thead>
<tr>
<th>Area</th>
<th>Rate per KWH</th>
<th>Rate per KVA of maximum Demand charges per month (in paise) (in rupees)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chennai Metropolitan</td>
<td>350</td>
<td>150</td>
</tr>
<tr>
<td>Non-Metropolitan</td>
<td>340</td>
<td>150</td>
</tr>
</tbody>
</table>

1. (a) New High Tension Industries set up in any area on or after 15th February 1997 shall not be eligible for any tariff concession:

Provided that the High Tension Industries set up in any area other than Chennai Metropolitan area before 15th February 1997 shall continue to avail themselves of the said tariff concession until the expiry of the period of three years from the date on which the consumer is given service connection.

(b) New Industry to be set up in the areas other than the Chennai Metropolitan area which will work night shift only and existing industry, which has only night shift between 9.30 p.m. of a day and 5.30 a.m. of the next day, shall be given a concession of 40 percent of the appropriate rate for energy consumed during night shift only for a period of seven months from July to January during a period of five years from the date of giving service connection. This concession shall apply to energy rate arrived at after giving the concession if any:

Provided that in respect of those having one day shift and one night shift the night shift concession shall stand reduced from 40 percent to 20 percent.

Explanation 1. For the purpose of this clause, an industry may be considered to be set up on the date of obtaining High Tension Service Connection.

Explanation 2. For the purpose of this clause “Existing Industry” means an industry which has not completed five years from the date, the consumer is given service connection and which is still eligible to the concessional tariff rate.

(c)(i) If a consumer availing himself of High Tension Supply under this tariff does not for any reason utilise the power load for more than thirty days, then the current consumption charges for the power utilised in the service for lighting and non-industrial purpose shall be billed under High Tension Tariff III.

(ii) In the case of supply under High Tension Tariff I the use of electricity for bonafide purposes of lighting, heating and power loads in the residential quarters within the factory or in the estate premises shall be metered separately by the
consumer taking High Tension Supply and paid for to the Board at Low Tension Tariff IA. The units so metered shall be deducted from the total number of units registered in the main meter of the High Tension Supply for billing purposes.

(d) For the High Tension Industrial consumers, Time of the Day meter shall be provided. On installation of Time of the Day meters, the High Tension Industrial consumers shall be billed at 20 percent extra on the energy charges for the energy recorded during peak load hours. The duration of peak load hours shall be as under:-

1. 1. 6.00 a.m. to 9.00 a.m.
2. 2. 6.00 p.m. to 9.00 p.m.

HIGH TENSION TARIFF II:

Recognised educational institutions, hostels run by recognised educational institutions, Government Hospitals, Hospitals under the control of Panchayat Unions, Municipalities or Corporations, Veterinary hospitals, Leprosy sub-Centres, Primary Health Centres, Health Sub Centres, actual Places of Public Worship, Orphanages, Public Libraries, Water works, Public Lighting, Public Sewerage Works by Government/Local Bodies, Laboratories, Research Institutions, Studios, Cinema Theatres and such other Institutions declared by the Government from time to time.

<table>
<thead>
<tr>
<th>Area</th>
<th>Rate per KWH (in paise)</th>
<th>Rate per KVA of maximum demand per month (in rupees)</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1) Chennai Metropolitan</td>
<td>290</td>
<td>125</td>
</tr>
<tr>
<td>(2) Non-Metropolitan</td>
<td>280</td>
<td>125</td>
</tr>
</tbody>
</table>

In the case of supply under High Tension Tariff-II the usage of electricity for bonafide purposes of lighting, heating and power loads in the residential quarters within the premises shall be metered separately by the consumer, taking High Tension Supply and paid for to the Board at Low Tension Tariff I-A. The units so metered shall be deducted from the total number of units registered in the main meter of the High Tension Supply for billing purposes.

HIGH TENSION TARIFF-III

Commercial and all categories of consumers not covered under High Tension Tariff I,
II, IV and V.

<table>
<thead>
<tr>
<th>Area</th>
<th>Rate per KWH (in paise)</th>
<th>Rate per KVA of maximum demand per month</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chennai Metropolitan</td>
<td>390</td>
<td>200</td>
</tr>
<tr>
<td>Non-Metropolitan</td>
<td>380</td>
<td>200</td>
</tr>
</tbody>
</table>

Provided that the industries requiring High Tension Supply during construction period shall be charged under this tariff.

In the case of supply under High Tension Tariff III, the usage of electricity for bonafide purposes of lighting, heating and power loads in the residential quarters within the factory or in the estate premises shall be metered separately by the Consumer, taking High Tension Supply and paid for to the Board at Low Tension Tariff I A. The units so metered shall be deducted from the total number of units registered in the main meter of the High Tension Supply for billing purposes.

New Tourism projects set up in any area on or after 15th February 1997 shall not be eligible for any tariff concession:

Provided that the New Tourism Projects set up before 15th February 1997 and availing themselves tariff concession shall continue to avail themselves the said tariff concession until the expiry of the period of three years from the date the consumer is given service connection.

HIGH TENSION TARIFF IV:

<table>
<thead>
<tr>
<th>Rate per KWH (in paise)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lift Irrigation Co-operative Societies for Agriculture</td>
</tr>
</tbody>
</table>

Explanation.- The Lift Irrigation Co-operative Societies for Agriculture may be registered with Registrar of Co-operative Societies or under any other Act.
HIGH TENSION TARIFF V:-

Supply to Pondicherry State shall be at the Thermal Station I rate charged by the Neyveli Lignite Corporation to the Tamil Nadu Electricity Board plus wheeling charge at 10 paise KWH plus 4 per cent on the energy wheeled towards transmission loss.

General provisions applicable to consumers covered under High Tension Tariffs I to V –

(i) Any High Tension Supply involving a sanctioned demand above 5,000 KVA plus 2 percent marginal adjustment shall be given supply only at 33 KV, if available in the area or at EHT voltage;

(ii) Time limit to avail of supply at 33 KV or EHT Voltage--

(a) Category I - Existing High Tension Consumers, whose sanctioned demand exceeds 5,000 KVA have been given time upto 31st August 1985 to avail themselves of supply at the voltage indicated in item (i) above.

(b) Category II - Existing High Tension Consumers whose sanctioned demand is 5,000 KVA or less and who require additional demand by which the total sanctioned demand would exceed 5,000 KVA shall be given the additional demand only after they are ready to avail the supply at the voltage indicated in item (i) above.

(c) Category III - New High Tension Consumers requesting supply for a demand above 5,000 KVA shall be given supply only at the voltage indicated in item (i) above.

(iii) Extra Levy - (a) Category I—In the case of existing High Tension Consumers whose sanctioned demand exceeds 5000 KVA and who do not avail themselves of supply at the voltage indicated in item (i) within the stipulated period they shall be charged an extra levy of ten paise per KWH over and above the normal tariff, for the entire energy consumed.

(b) Category II – The existing High Tension Consumers whose sanctioned demand, with the additional demand sanctioned exceeds 5,000 KVA may be with the approval of the Board be allowed the additional demand at the High Tension Supply itself for a period not exceeding 12 months from the date of sanction of the additional demand, provided they agree to be charged the extra levy of ten paise per KWH over and above the normal tariff for the entire energy consumed till they avail themselves of the supply at 33 KV or at EHT voltage as may be applicable.

(iv) Power Factor/Low Factor surcharge—In respect of High Tension service connections, the average power factor of the consumers installation shall not
be less than 0.90 lag. Where the average power factor of High Tension service connection is less than the stipulated limit of 0.90 lag, the following compensation charges will be levied:

Below 0.90 lag and up to 0.85 ... 1 per cent of the current consumption charges for every reduction of 0.01 in power factor.

Below 0.85 to 0.75 One and half percent of the current consumption charges for every reduction of 0.01 in power factor from 0.90

Below 0.75 2 percent of the current consumption charges for every reduction of 0.01 in power factor from 0.90.

Current consumption charges include the charges of recorded demand and the energy charges at notified tariff rate excluding concessions, if any.

(v) Billable Demand – The Maximum Demand charges for any month and at the point of supply shall be based on the KVA demand recorded in that month or 100 percent of the sanctioned demand which ever is higher.

PART B

LOW TENSION SUPPLY

LOW TENSION TARIFF I-A:

Domestic purposes for Lights and fans including radios and power loads—

1. Fixed Charges--

1. (a) Current Transformer services ... Re.1 per KW per month

1. (b) Other services
2. (i) For consumption up to 50 KWH per month/100 KWH

No fixed charges.

1. (ii) Others ... Rs.5 per service per month or Rs.10 per service for two months.
PLUS

2. Energy charges—

1. (i) In the case of consumption up to and including 50 units Per month/100 units for two months:

2.

3. a) For consumption up to 25 KWH per month/50 KWH for two months...

4. KWH per month/50 KWH

5. 65 paise per KWH

6. b) For consumption from 26 KWH to 50 KWH per month/51 KWH to 100 KWH for two months...

1. KWH for two months...

75 paise per KWH

1. ii) In the case of consumption more than 50 units per month/100 units for two months:

2. a) for consumption up to 25 KWH

3. per month/50 KWH for two months...

4. KWH per month/50 KWH for two months...

5. 75 paise per KWH

6. b) for consumption from 26 KWH to 50 KWH per month / 51 KWH to 100 KWH for two months...

1. KWH for 2 months...

75 paise per KWH

c) For consumption from 51 KWH

1. to 100 KWH per month/101 KWH

2. to 200 KWH for two months...

150 paise per KWH

d) For consumption from 101 KWH

1. to 300 KWH per month/201 KWH

2. to 600 KWH for two months...

and above for two months...

220 paise per KWH
e) For consumption of 301 KWH and above per month/601 KWH and above for two months...

305 paise per KWH

Minimum monthly charges...

Rs.10/- per service

This tariff is restricted to services which are exclusively domestic and to the following services—

1. i) Handlooms in residence of handloom weavers (regardless of the fact whether outside labour is employed or not) and to handlooms in sheds erected where energy is availed of only for lighting purposes
2. ii) Public conveniences maintained and run by the local bodies and by such other organisations as are specified by the Government from time to time.
3. iii) Community Nutrition Centres and Block Offices of Tamil Nadu Integrated Nutrition Project.

LOW TENSION TARIFF 1-B:


Explanation - I -- Hut means a living place not exceeding 200 sq.ft. area with mud wall and thatched roof.

Explanation - II -- Only one light not exceeding 40 watts shall be permitted per hut.

LOW TENSION TARIFF II A:

Public Lighting and Public Water-Supply System ---
<table>
<thead>
<tr>
<th>Area</th>
<th>Energy Charges</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. [1]</td>
<td>[2]</td>
</tr>
<tr>
<td>Public Lighting and Public Water-Supply System in Village Panchayats, Town</td>
<td></td>
</tr>
<tr>
<td>Panchayats and Township areas                                        ...                           160 paise per KWH</td>
<td></td>
</tr>
<tr>
<td>Public Lighting and Public Water Supply System in Municipalities and Municipal Corporation areas</td>
<td>...                    175 paise per KWH</td>
</tr>
</tbody>
</table>

Minimum monthly charges .... Rs.20 per Service

LOW TENSION TARIFF II-B:

Recognised Educational Institutions, Hostels run by Recognised Educational Institutions, Hostels run by the Adi Dravidar and Tribal Welfare and Backward Class Welfare Department, Government Hospitals, Hospital under the control of the Panchayat Unions, Municipalities or Corporation, Veterinary Hospitals, Leprosy sub-Centres, Primary Health Centres, Health Sub-Centres, Laboratories, Research Institutes, Studios, Cinema Theatres, actual places of Public Worship, Orphanages, Public Libraries, Homes for Destitute and Old People, Flood lighting arrangements in the Rock Fort Temple, its environs and the roads and pathways leading to the Temple at Tiruchirappalli and such other Institutions declared by the Government.

1. 1. Fixed Charges –
2. a) Current Transformer services .. Rs.1 per KW per month
3. b) Other services .. Rs.10 per service per month

or Rs.20/- per service for 2 months.
1. 2. Energy charges—

<table>
<thead>
<tr>
<th>Area</th>
<th>Rate per KWH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chennai Metropolitan area</td>
<td>310</td>
</tr>
<tr>
<td>Non-Metropolitan area</td>
<td>300</td>
</tr>
</tbody>
</table>

Minimum monthly charges: Rs.20 per service

Provided that the actual places of public worship having an annual income of less than one thousand rupees shall not be charged for burning of one light not exceeding power of hundred watts, from 6.00 p.m to 10.00 p.m with restriction of 500 units per annum, by installing a metre.

LOW TENSION TARIFF III A:

Cottage and Tiny Industries, Small Gem Cutting units where Cutting operation is done with or without power, Powerlooms, Sericulture and Floriculture:–

1. 1. Fixed Charges – Rs.30 per service per month or Rs.60 per service for 2 months

PLUS

1. 2. Energy Charges –
   2. a) For consumption up to 250 KWH
   3. per month / up to 500 KWH for two
4. months 140 paise per KWH
5. b) For consumption from 251 KWH to 750 KWH per month /from 501 KWH to 1500 KWH for two months 225 paise per KWH

1. c) For consumption of 751 KWH and above per month/1501 KWH and above for two months 250 paise per KWH

Minimum monthly charges Rs.30 per service

Provided that the connected load shall not exceed 10 Horse Power.

Supply to welding sets will be classified under Low Tension Tariff III-B:

LOW TENSION TARIFF III-B:

Coffee grinding, Ice Factory, Body Building Unit, Saw Mill, Rice Mill, Flour Mill, Prawn Farming, Poultry Farming, Battery Charging Unit and Industries not covered under Low Tension Tariff III A:-

1. Fixed Charges –

1. (a) Current Transformer services Re.1 per KW per month
2. (b) Other Services Rs.30 per service per month or Rs.60 per service for 2 months

PLUS

1. 2. Energy charges——

Chennai Non-Metropolitan

Metropolitan areas
areas

(1) | (2)
---|---
Paise/KWH | Paise/KWH

1. a) Rate for the consumption
up to 750 KWH per
month or 1,500 KWH for two
months. 330 320

1. b) Rate for the consumption
751 KWH and above per month
or 1501 KWH and above for
two months 400 390

Minimum monthly charges .. Rs.40 per KW or part thereof

of contracted load.

Explanation I – For supply to welding sets this rate will be increased by 25 per cent.

Explanation II - The connected load under lighting and other non-Industrial purposes connected with the Factory within the factory premises shall not exceed 15 per cent of that for power and heating. Where the Lighting and non-Industrial load exceeds the permissible limit of 15 per cent, the whole service shall be brought under Low Tension Tariff V.

Alternative:
Industrial installation having connected load 75 HP and above but not exceeding 150 HP:

Demand charges .. Rs.150 per KVA per month

PLUS

Energy Charges:

Chennai Metropolitan .. 350 paise per KWH
Non-Metropolitan .. 340 paise per KWH

The provision of Low Tension Trivector meter and the above two part tariff rate is at the option of the consumer with all other stipulations prescribed for the High Tension Consumers.

LOW TENSION TARIFF III C:

Information Technology Industries set up in Information Technology Parks or in stand alone locations including Software Training Institutes, maintenance and servicing units and hardware units :-

Fixed Charges :-

1. a) Current transformer service .. Re.1 per KW per month
2. b) Other Services .. Rs.30 per service per month or Rs.60 per service for two months.

PLUS

1. 2. Energy charges—
### Chennai Non-Metropolitan Metropolitan areas

<table>
<thead>
<tr>
<th></th>
<th>(1)</th>
<th>(2)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paise/KWH</td>
<td>310</td>
<td>300</td>
</tr>
</tbody>
</table>

1. a) Rate for the consumption up to 750 KWH per month or 1,500 KWH for two months

<table>
<thead>
<tr>
<th></th>
<th>370</th>
<th>360</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paise/KWH</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1. b) Rate for the consumption of 751 KWH and above per month or 1501 KWH and above for two months

Minimum monthly charges .. Rs.40 per KW or part thereof of contracted load.

**Explanation I** --- The service shall stand in the name of Information Technology Industry and shall be utilised for software development, hardware, maintenance and servicing and Training purposes and such other purposes as may be specified by the Government from time to time.

**Explanation II** -- The 15 per cent restriction on lighting and other non-industrial purposes connected with the factory within the factory premises is relaxed under this category of Information Technology Industries. The monthly minimum charges shall be based on total connected load which also includes lighting.

**LOW TENSION TARIFF IV:**

Agriculture and the Government Seed farms .. No charge

Provided that for the agriculturists having power connection for their pumpsets by payment of Rs.10000/= (Rupees ten thousand only) or the actual cost of extension of
power connection, as the case may be, the rate of tariff shall be Rs.250/= (Rupees two hundred and fifty only) per Horse Power per annum or metered tariff at the rate of fifty paise per KWH, at the option of the consumer.

Explanation I - (a) Agriculturists shall be permitted lighting up to 50 watts per 1000 watts of motive/power connected subject to a maximum of 150 watts inclusive of wattage of pilot lamps each of which shall not exceed 15 watts and with not more than 3 lamps (excluding pilot lamps) for lighting the farm or the field around the pumpsets. Energy used for radios or other appliances including domestic appliances in the farm houses shall be metered separately and charged for at the appropriate tariff.

1. (b) Agriculturists shall be permitted to use the water pumped from the well and stored in overhead tanks for bonafide domestic purposes in the farm house-

The farm house, shall be in close proximity not exceeding 150 feet from the well.

Explanation II- Extra lighting in agricultural services over the permissible limit shall be charged for, if separately metered as per Low Tension Tariff V and if not separately metered a flat rate of Rs.10 per month per 40 watts lamp (ordinary) or larger wattage of lamps in proportion. If fluorescent and mercury vapour lamps are connected, the flat rate shall be enhanced by 50 per cent.

LOW TENSION TARIFF V:

Commercial and all categories of consumers not covered under Low Tension Tariff IA,IB,IIA,IIB,IIIA,IIIB and IV.

Fixed Charges :-

1. a) Current transformer service Re.1 per KW per month
2. b) Other Services Rs.10 per service per month or Rs.20 per service for two months.
1. 2. Energy charges—

<table>
<thead>
<tr>
<th></th>
<th>Chennai Non-Metropolitan Metropolitan areas</th>
<th>Metropolitan areas</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paise/KWH</td>
<td>Paise/KWH</td>
<td></td>
</tr>
</tbody>
</table>

1. a) Rate for the consumption

upto and inclusive of 100 KWH/per month or 200

KWH for two months

385

1. b) Rate for the consumption from

101 KWH and above per month

or 201 KWH and above for two

months

435

Minimum monthly charges .. Rs.25 per service.

General provisions applicable to consumers covered under Low Tension Tariff I(A), I(B), II(A), II(B), III(A), III(B) IV and V.

The L.T./C.T. services after provision of Electronics Energy Meters should maintain a Power Factor of not less than 0.85 lag. The non-maintenance of Power Factor will entail a levy or penalty as below:

Below 0.85 lag and

up to 0.75 .. One per cent of the current consumption charges for every reduction of
0.01 in power factor from 0.85

Below 0.75 .. One and half per cent of the current consumption charges for every reduction of 0.01 in power factor from 0.85.

PART C
TEMPORARY SUPPLY

<table>
<thead>
<tr>
<th>Rate</th>
<th>Minimum</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>(1) (2)</td>
</tr>
<tr>
<td>2.</td>
<td>a) Lighting or combined</td>
</tr>
<tr>
<td></td>
<td>installation of lights and Rs.8 per KWH Rs.35 per KW per fans mixed load of lights day or part thereof</td>
</tr>
<tr>
<td></td>
<td>and power exhibition motive power and heating</td>
</tr>
<tr>
<td>1.</td>
<td>b) Lavish illuminations Rs.15 per KWH Rs.90 per KW per day or part thereof</td>
</tr>
</tbody>
</table>

Explanation - The rate for lavish illumination shall apply to weddings, garden parties and other private functions where the illumination is obtained through bulbs fastened in outer surfaces of walls of buildings on trees and poles inside the compound and in pandals, etc. outside the main building.

All other cases of illumination, obtained through bulbs intended on outer surface of walls of buildings on trees and poles inside the compound and in pandals etc. outside the main building shall be charged as for temporary supply.

1. (c) For extension of supply to Sugarcane crushing operations by agriculturists .. No charge
PART D

GENERAL

The above tariffs shall be read with the general terms and conditions of supply prescribed by the Tamil Nadu Electricity Board from time to time.

(BY ORDER OF THE GOVERNOR)

LAL RAWNA SAILO
SECRETARY TO GOVERNMENT

To


The Chairman, Tamil Nadu Electricity Board, Chennai-2.

The Secretary, Tamil Nadu Electricity Board, Chennai-2.

The Chief Electrical Inspector to Government, Chennai-32.

The Accountant General., Chennai-18.

The Information and Public Relations Department, Chennai-9.

The Finance Department/Industries Department/Small Industries Department, Chennai-9.

Copy to:

The Energy (B,C,D and E Section) Department, Chennai-9.
The Secretary to Hon’ble Chief Minister, Chennai-9.

The Senior Personal Assistant to Minister for Health and Electricity, Chennai-9.

The Rural Electric Co-operative Society, Thiorumayam, Pudukkottai District.

The Rural Electric Co-operative Society, Kumbakonam.

The Rural Electric Co-operative Society, Vandavasi

/Forwarded / by order/

SECTION OFFICER