



TAMIL NADU ELECTRICITY REGULATORY COMMISSION

Determination of Tariff for Distribution for FY 2023-24

HT TARIFF SCHEDULE
(Effective from 01-07-2023)



TARIFF SCHEDULE

TARIFF FOR HIGH TENSION SUPPLY CONSUMERS

General Provisions applicable for High Tension Supply

Categories of supply: The categories of supply are as specified in the Tamil Nadu Electricity Distribution Code and Tamil Nadu Electricity Supply Code. The HT tariff specified for different categories of HT consumers are also applicable to the consumers who are supplied at EHT level in accordance with above said Codes.

Current Harmonic control:

- a. The CEA has amended the (Technical Standards for Connectivity to the Grid), Regulation 2007 vide (Technical standards for connectivity to the Grid) (Amendment) Regulations 2019, mandating compliance of IEEE 519-2014 standards in regard to limit of Harmonics, methodology of measurement of Harmonics and other related matters.
- b. The CEA has also amended the (Technical Standards for Connectivity of the Distributed Generation Resources) Regulations, 2013 vide (Technical Standards for Connectivity of the Distributed Generation Resources) Regulations, 2019, substituting the words “Connectivity below 33kilovolts” in place of “Connectivity of the Distributed Generation Resources” applicable to the generating companies or persons owning distributed generation resources, charging stations, prosumers or persons who are connected to or seeking connectivity with the electrical system below 33kV voltage level, mandating harmonic control in accordance with IEEE519-2014.
- c. In order to comply with the provisions of above CEA Regulations, the Commission has notified amendments in Tamil Nadu Electricity Supply Code stipulating harmonic limits, Methodology of measurements, Meter standards, measures for non-compliance etc., to be statutorily followed by the applicable consumers/ prosumers/charging stations to control harmonic pollution in the grid and ensure quality of supply to all consumers.

In case of supply under HT Tariff, except for HT Lift irrigation under Tariff II (A) and Temporary supply HT Tariff-IV supply used for creating facilities for the compliance of Acts/Laws or for the facilities incidental to the main purpose of the establishment of the consumer, such as facilities extended to their employees/students/patients/residents as the case may be, within the premises of the consumer, shall be considered to be bona-fide purpose, irrespective of whether they are outsourced to a third party or provided by the consumer himself. Also, the consumption for ancillary to the main purpose such as storage of Raw material, finished product, etc., shall be considered to be bona-fide purpose for which the supply of electricity is authorised. However, if such facilities are extended to the public, or if part/full premises are leased/rented out to a commercial service provider like food outlets present in food court, which provide service in their own name, the energy consumption to such facilities shall be metered by the Licensee separately and only the energy charged under appropriate LT tariff. Such metered energy consumption shall be deducted from the total energy consumption registered in the main meter of the HT/EHT supply for billing.

In case of supply under HT Tariff I, II (A), II(B), III the use of electricity for residential quarters, within the premises, shall be metered separately by the Licensee at single point of supply, if opted by the consumer and only the energy so consumed shall be charged under LT Tariff IC. Such metered consumption shall be deducted from the total consumption registered in the main meter of the HT/EHT supply for billing.

In case of HT supply under I, II (A), II (B), III the supply used for any additional construction of building within the consumers' premises not exceeding 2000 squarefeet may be allowed from the existing service and charged under the existing tariff. The use of electricity for the additional construction beyond 2000 square feet and lavish illumination (as defined under LT tariff VI) shall be metered separately by the licensee and only the energy shall be charged under LT Tariff VI. Such metered energy consumption shall be deducted from the total consumption registered in the main meter of the HT/EHT supply for billing

Low Power Factor Compensation: In respect of High-Tension service connections the average power factor of the consumers' installation shall not be less than 0.90. Where the average power factor of High-Tension service connection is less than the stipulated limit of 0.90, the following compensation charges will be levied.

Particulars	Power Factor compensation charges
Below 0.90 and up to 0.85	One percent of the current consumption charges for every reduction of 0.01 in power factor from 0.90
Below 0.85 to 0.75	One and half percent of the current consumption charges for every reduction of 0.01 in power factor
Below 0.75	Two percent of the current consumption charges for every reduction of 0.01 in power factor from 0.90

Billable Demand: In case of HT Consumers, maximum Demand Charges for any month will be levied on the kVA demand actually recorded in that month or 90% of the contracted demand, whichever is higher.

Provided that whenever the restriction and control measures are in force, the billable demand in case of two-part tariff for any month will be the actual recorded maximum demand or 90% of demand quota, as fixed from time to time through restriction and control measures, whichever is higher.

In case of all HT consumers, the integration period for arriving at the maximum demand in a month will be fifteen minutes.

All HT consumers except HT-IIA(Lift Irrigation), HT-IV and HT-V (e-vehicle PCS) shall be billed at **25%** extra for FY 2022-23 to FY 2026-27 on the energy charges for the energy recorded during peak hours. The duration of peak hours shall be morning **6.00 A.M to 10.00 A.M and evening 6.00 P.M to 10.00 P.M.**

All HT consumers except HT-IIA (Lift Irrigation), HT-IV and HT V (E-vehicle PCS) shall be allowed a reduction of 5% on the energy charges for the consumption recorded during 10.00 P.M to 5.00 A.M as an incentive for night consumption.

In case of supply under HT Tariff I, II(A), II(B), III, the use of electricity for charging of electrical vehicles, within the premises can be charged in existing tariff.

In case of supply under HT Tariff I, II(A), II(B), III of renewable energy with necessary RE certificate by specific request from Consumer shall be charged at **110%** of approved tariff for the respective category duly adhering to the procedure specified in the Commission's Order in M.P.11 of 2023 dated 25.04.2023.

The applicable tariff for ensuing years of control period shall be as per prevailing tariff x $(1 + (\text{CPI of April of respective financial year} - \text{CPI of April of previous financial year}) / \text{CPI of April of previous financial year})$ or 6% whichever is lower with effect from 1st July of respective financial year.

Electricity Duty/Tax on Electricity shall be levied in addition to the tariffs approved by the Commission, and in accordance with the Government of Tamil Nadu stipulations from time to time. The rate and the reference number of the Government Resolution/ Order under which the Electricity Duty/Tax on Electricity are applied shall be stated in the consumers' energy bills. A copy of such Resolution / Order shall be provided on the Distribution Licensee's website.

High Tension Tariff I: (Industries, Factories, Information Technology Services) For FY 2023-24

Tariff category	FY 2023-24	
	(Commission Determined Tariff)	
	Demand Charge in Rs./kVA/month	Energy charge in Paise per kWh (Unit)
High Tension Tariff I	562	690

For FY 2024-25 to FY 2026-27

The applicable tariff (both fixed and energy charge) for FY 2023-24 shall undergo an inflation based adjustment, as per Para 6.1.1.13 of T.O.No.7 of 2022 dt.09.09.2022. The revision will be effective from 01st July of each of the subsequent years of the control period.

This Tariff is applicable to:

- i. All manufacturing and industrial establishments and registered factories

- ii. This tariff is also applicable for Tea Estates, Textiles, Fertilizer Plants, Steel Plants, Heavy Water Plants, Chemical plants, Industrial Workshops, Private Milk dairies, Rice Mills, Roller Flour Mills, News Papers Printing Press, Ice & Ice-cream manufacturing units, Tennaries, Hatcheries, Poultry Farm, Floriculture, Poly House / Green House, Hybrid Seeds processing units, Centralised preparation units of Food / sweets / bakery shops (provided sales counter is physically & electrically segregated & billed under respective HT- III/LT-V category), Packaging Units, Drug manufacturing units, Garment manufacturing units, Tyre retreading units, petroleum pipeline projects, Piggery farms, Analytical Lab for analysis of ore metals, Saw Mills, Toy/wood industries, Satellite communication centres, Mineral water processing plants attached with drinking water, Mineral water bottling plants and Solid Waste Processing Plant, concrete mixture (Ready Mix Concrete) units, Cutting of larger pipes and sheets into smaller one, Pumping of Oil and Gas units, RO plants Sea/hard water conversion done by Private / on behalf of CMWSS Board under Design Build and Operate (DBO), Tamil Nadu State Transport Corporation repair and Workshop and maintenance, Sericulture, Floriculture, Horticulture, Mushroom cultivation, cattle farming, Poultry & Bird farming and Fish/prawn/shrimp culture, Battery charging units.
- iii. Common effluent treatment plants, Industrial estate's water treatment/ supply works;
- iv. Cold storage units;
- v. This tariff is also applicable to the Research & Development Centre/Lab attached therein to the activities mentioned under (i) to (iv) above.

This tariff is also applicable to Information Technology services as defined in the ICT Policy 2008 of Government of Tamil Nadu. The definition is reproduced below:

“IT services are broadly defined as systems integration, processing services, information services outsourcing, packaged software support and installation, hardware support and installation.”

Information Technology Services includes:

(i) Systems integration includes:

- a. Network Management Services
- b. Applications Integration

(ii) Processing services includes:

- a. Outsourced Services in Banking, HR, finance, Technology and other areas like Data Centres.
- b. Outsourced Back office support or Business transformation and Process Consulting Services.

(iii) Information Services Outsourcing includes:

- a. Outsourced Global Information Support Services
- b. Knowledge Process Outsourcing

c. Outsourced Global Contact Centre Operations

d. Outsourced Process Consulting Services.

(iv) Packaged Software Support and Installation includes:

a. Software Design and Development, Support and Maintenance

b. Application installation, support and maintenance

c. Application testing.

(v) Hardware Support and Installation includes:

a. Technical and network operations support

b. Hardware installation, administration and management

c. Hardware infrastructure maintenance and support

This tariff is also applicable to Aeronautical services provided by the Airports under Airports Authority of India. The Non-Aeronautical services provided shall be categorised under HT III / LT V Commercial / Miscellaneous category.

This tariff is also applicable to start-up power provided to generators. The generators are eligible to get start-up power under this tariff after declaration of CoD. The demand shall be limited to 10% of the highest capacity of the generating unit of the generating station or the percentage auxiliary consumption as specified in the TNERC (Terms and Conditions for Determination of Tariff) Regulations, 2005, whichever is less. As the generator is paying the MD charges for the entire year, the restriction on the days of usage is removed. The restriction on number of days as specified in TN Grid Code will be applicable only when demand equated energy charge is fixed by the Commission.

High Tension Tariff II (A): (Government Educational Institutions/Hospitals, Railway Traction, CMRL, Lift Irrigation societies, etc.,) For FY 2023-24

Tariff category	FY 2023-24	
	(Commission Determined Tariff)	
	Demand Charge in Rs./kVA/month	Energy charge in Paise per kWh (Unit)
High Tension Tariff II (A)	562	715

For FY 2024-25 to FY 2026-27

The applicable tariff (both fixed and energy charge) for FY 2023-24 shall undergo an inflation based adjustment, as per Para 6.1.1.13 of T.O.No.7 of 2022 dt.09.09.2022. The revision will be effective from 01st July of each of the subsequent years of the control period.

This tariff is applicable for the following services under the control of Central/State Governments / Local Bodies/ TWAD Board/ CMWSSB:

- (i) Educational institutions including government aided educational institutions and Hostels.
- (ii) Establishments of Ministry of Defence and CRPF (viz., Teaching & Training Institutes, Hostels, Mess, Residential colonies, office, etc.,)
- (iii) Hospitals, Primary Health Centres and Health Sub-Centres, Veterinary Hospitals, Leprosy Centres and Sub-Centres.
- (iv) Public Water Works and sewerage works and Desalination plants.
- (v) Central Prisons and other Prisons of the State Government.
- (vi) Public Lighting and Electric crematorium, cemetery, burial grounds of all religions.
- (vii) Public Libraries, Art Galleries and Museums.
- (viii) Research Laboratories and institutions
- (ix) Dairy units
- (x) Stadiums maintained by Government / Local Bodies

This tariff is also applicable to the following:

- (i) Residential colonies and Housing complexes, Senior citizen communities and its common supply used for common lighting, water supply, lift.
- (ii) Hospitals and Rehabilitation Centres, Rehabilitation and Training Centres, Old Age Homes and Orphanages run by Private/Charitable trusts which offer totally free treatment/services for all categories of patients/inmates on par with Government hospitals and institutions.
- (iii) Desalination plant at Kudankulam Nuclear Power Plant and Minjur Desalination plant of Chennai Water Desalination Ltd., Water Supply Works by new Tirupur Area Development Corporation as long as they supply drinking water predominantly to local bodies/public.
- (iv) Single point supply to Cooperative group housing society and for the residential purpose of the employees as specified in “The Electricity (Removal of difficulties) Eighth Order 2005”.
- (v) Actual places of public worship as defined under the Places of Worship (Special Provisions) Act 1991 viz., Temple, Mosque, Gurudwara, Church, Monastery or any other place of Public religious worship of any religious denomination or any section thereof, by whatever name called.

This tariff is also applicable to:

- a) Railway traction of Indian/Southern Railways, Metro Railways, MRTS
- b) All the connected loads of CMRL. Loads other than CMRL like ATM, Kiosks, stalls, hotels, etc. which are operated by third parties of private agencies shall be separately metered and charged under applicable LT miscellaneous category and the above consumption shall be deducted from the total energy consumption recorded in the main meter at the CMRL’s point of supply.

This tariff is applicable to Lift Irrigation Societies for Agriculture registered under Co- operative Societies Act or under any other Act. (To be fully subsidized by Government. Details attached in Annexure VI)

Hospitals accredited by „National Accreditation Board for Hospitals and Health care providers“ (NABH) situated in Rural areas (Village / Town Panchayats)

High Tension Tariff II (B): (Private Educational Institutions & its hostels, segregated Medical colleges) For FY 2023-24:

Tariff category	FY 2023-24	
	(Commission Determined Tariff)	
	Demand Charge in Rs./kVA/month	Energy charge in Paise per kWh (Unit)
High Tension Tariff II (B)	562	765

For FY 2024-25 to FY 2026-27

The applicable tariff (both fixed and energy charge) for FY 2023-24 shall undergo an inflation based adjustment, as per Para 6.1.1.13 of T.O.No.7 of 2022 dt.09.09.2022. The revision will be effective from 01st July of each of the subsequent years of the control period.

This tariff is applicable to

- All Private educational institutions and hostels run by them.
- All Private Medical colleges and hostels which are physically & electrically segregated from Private Hospitals, within same premises.

High Tension Tariff III: (Miscellaneous categories) For FY 2023-24

Tariff category	FY 2023-24	
	(Commission Determined Tariff)	
	Demand Charge in Rs./kVA/month	Energy charge in Paise per kWh (Unit)
High Tension Tariff III	562	870

For FY 2024-25 to FY 2026-27

The applicable tariff (both fixed and energy charge) for FY 2023-24 shall undergo an inflation based adjustment, as per Para 6.1.1.13 of T.O.No.7 of 2022 dt.09.09.2022. The revision will be effective from 01st July of each of the subsequent years of the control period.

This tariff is applicable to Commercial Complexes/Malls/Business premises, Super

market/Departmental stores, Cinema theatres/Multiplex, Private hospitals, Hotels, Restaurants, Private Guest Houses, Boarding-Lodging Homes, All Government/Private/Local body offices, Banks, Telephone Exchanges, T.V. Station, All India Radio, Railway Stations, MRTS stations, Transport Corporation bus stations, Private bus stations, LPG bottling plants, Stadiums other than those maintained by Government and Local Bodies, Petrol / Diesel and Oil storage plants, Oil / Petroleum projects, Petrol/Gas bunks, Diagnostic/scan centres, Marriage halls, convention centres, Service Stations / Garages, Tyre vulcanizing centres, Gym / Fitness centres, Race Course, Clubs, Amusement Parks, Centralised preparation unit of food with Sales counter/ selling activity , Yoga / Meditation centres, Ashrams, Mutts, Air Port (other than Aeronautical activities), Private hospitals and all other categories of consumers and usages not covered under High Tension Tariff I, II(A), II(B), IV and V.

In respect of Marriage Hall/Convention centre, commercial establishment 5% extra on the energy charges for the entire consumption will be collected as a component of lavish illumination on usage. For the installations where a separate service connection is available for the exclusive purpose of lavish illumination, this 5% extra charges shall not be applicable. The status of usage of lavish illumination shall be assessed and recorded on regular interval.

The e-vehicle charging facility already provided, to its customers by the Commercial complex / Mall / Theatre / Other Commercial outlet / Gated community, on commercial basis, such consumption shall be assessed under LT Tariff-V.

High Tension Tariff IV: (Construction activities and other temporary purposes) For FY 2023-24

Tariff category	FY 2023-24	
	(Commission Determined Tariff)	
	Demand Charge in Rs./kVA/month	Energy charge in Paise per kWh (Unit)
High Tension Tariff IV	562	1225

For FY 2024-25 to FY 2026-27

The applicable tariff (both fixed and energy charge) for FY 2023-24 shall undergo an inflation based adjustment, as per Para 6.1.1.13 of T.O.No.7 of 2022 dt.09.09.2022. The revision will be effective from 01st July of each of the subsequent years of the control period.

This tariff is applicable to Temporary supply for construction of buildings, construction using steel structure, pre-engineered metal building and for other temporary purposes. Viz., Exhibition, Circus, Meetings of Political parties, Festivals and any other temporary purposes.

- (i) For this category of supply, the initial/in-principle approval for such construction or to conduct such temporary activity obtained by the applicant from the appropriate authority, wherever necessary, is adequate to effect the supply.
- (ii) In case of conversion of temporary supply into applicable permanent supply, the same shall be done subject to compliance of codes/ regulations/ orders.

High Tension Tariff V: (Public EV Charging Stations)

This tariff is applicable for the Public Electric Vehicle Charging Station including Battery swapping station for Electric vehicle.

Energy recorded during following hours of time slot shall be billed at corresponding charges mentioned against each:

For FY 2023-24

Tariff category	FY 2023-24		
	(Commission Determined Tariff)		
	Time slot in hours	Energy charge in Paise per kWh(Unit)	Demand Charge in Rs./kVA/month
High Tension Tariff V	06.00 to 09.00 and 18.00 to 22.00	900	138
	09.00 to 16.00	600	
	16.00 to 18.00 and 22.00 to 06.00	750	

For FY 2024-25 to FY 2026-27

The applicable tariff (both fixed and energy charge) for FY 2023-24 shall undergo an inflation based adjustment, as per Para 6.1.1.13 of T.O.No.7 of 2022 dt.09.09.2022. The revision will be effective from 01st July of each of the subsequent years of the control period.

In case the consumer uses the supply for charging electric vehicles at his premises, the tariff applicable shall be as per the category of such premises.

The services effected for Public charging stations shall mandatorily be effected with Smart meters, comprising ToD provisions and AMR facility.

The time slot and rate shall be revisited depending upon the emerging scenario and Govt. policies on the EV Charging Station.
