

Dated: Agartala, the <sup>June</sup> May 15/2021

**MEMORANDUM**

**Subject:** Installation of Energy Efficient Lighting & Appliances.

Government of India has taken initiative for reducing consumption of electrical energy in domestic & public lighting through maximum use of LEDs for economy in expenditure and savings. In view of this, National LED Programme was launched to facilitate rapid adoption of LED in domestic & public lighting across the country. Energy Efficiency Services Limited (EESL) was constituted for implementation National LED Programme alongwith "Building Energy Efficiency Programme (BEEP)" in the country. Unnat Jyoti by Affordable LEDs for All (UJALA) and Street Lighting National Programme (SLNP) are in implementation across the country as a part of National LED Programme.

In order to facilitate smooth adoption of LED based home & street lighting across the country, EESL is providing upfront investment with annuity based recoupment of the investment with performance based guaranteed energy saving during the project period.

**1. Government of India Guidelines/Direction :**

Government of India has issued direction under OM No. F.No 25(24)/E.Coord/2017 Dated 04-08-2017 for mandatory installation of LED based lighting and energy efficient equipments in all the Government Buildings for economy in expenditure and savings in the long run through reduction in energy consumption.

**2. Energy Conservation Initiatives by Tripura:**

Under the provision of the Energy Conservation (EC) Act 2001, the State Government of Tripura has been designated Tripura State Electricity Corporation Limited (TSECL) as State Designated Agency (SDA) under Notification No. F.3(128)/Power/2009/148-52 Dated 29-04-2010 to coordinate, regulate and enforce efficient use of energy and its conservation within the State of Tripura. As per provision of the EC Act, 2001, Government of Tripura has constituted "State Energy Conservation Fund (SECF)" under Notification No. F.3(128)/Power/2009/1044-48 Dated 30-09-2010 and "State Energy Conservation Fund Rules" under Notification No.F. 3(128)/Power/2009/1043 dated 30-09-2010 for implementation of energy efficiency projects towards promotion of efficient use of energy and its conservation within the State.

Bureau of Energy Efficiency (BEE), Ministry of Power, Government of India is providing financial assistance through disbursement under SECF as Revolving Investment Fund (RIF) for undertaking energy efficiency projects in the State.

### **3. Energy Conservation Activities by SDA Tripura / TSECL:**

- Less Carbon Intensive Economy (Energy Efficiency)- Perform Achievement & Trade (PAT) scheme and Standard and Labeling (S&L).
- 'Energy Conservation Building Code (ECBC)' in the State of Tripura- Tripura Energy Conservation Building Code (TRECBC) 2020 & Tripura Energy Conservation Building Code Rules (TRECBC Rules) 2020 notified through Tripura Gazette.
- Unnat Jyoti by Affordable LEDs for All (UJALA) – 10.49 lakhs LED lights distributed through EESL at concessional rate across the state covering all districts.
- “State Partnership For Energy Efficiency Demonstration” (SPEED)- Retrofitting of electrical appliances LED Bulbs, Tube lights & fans in Schools for implementation of energy efficiency activities in Government schools.
- “Municipal Demand Side Management / MEEP” – Retrofitting of the Drinking water pumping system by replacing inefficient pumps with BEE Star Labeled pump for DWS Department & Municipal Bodies.
- “Model Energy Efficient Village Campaign” – 8 Villages i.e. one village in each of the 8 District of Tripura for converting villages into model energy efficient villages by replacing existing inefficient electrical equipments / appliances with BEE star rated appliances including household bulbs, street lights, fans, water pumps etc.
- “Building Energy Efficiency Programme (BEEP)/ Energy Auditing Work” – Energy Audit for 19 Govt. Buildings.
- “Building Energy Efficiency Program” – Making Judicial Academy, Tripura as Star rated Building Demonstration project as per ECBC guideline.

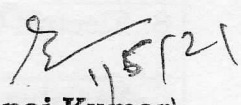
### **4. State Government's mandate for promoting use of LED bulbs:**

Government of Tripura through cabinet decision on 29-04-2018 has decided to take various Energy Conservation initiatives for reducing 10 % energy consumption by promoting use of LED bulbs involving all stakeholders in Tripura.

**5. Economy Measure- Mandatory installation of Energy Efficient Lighting & Appliances:**

Pursuant to the mandate of Government of India issued under OM No. F. No. 25(24) /E.Coord/2017 Dated- 04-08-2017 and to effectively encourage & implement the Energy Conservation initiatives for reducing energy consumption in the State, Government of Tripura has taken a decision for mandatory installation of LED based lighting and energy efficient 5 star rated equipments / appliances in all newly constructed Government buildings / installations in Tripura.

Accordingly, all Departments / PSUs & Autonomous Bodies / State Government aided Bodies, Municipal & Local Bodies etc. are requested to install LED based lighting and 5 star rated energy efficient equipments / appliances mandatorily in all newly constructed buildings / installation. All Departments / PSUs & Autonomous Bodies / Government Aided Bodies, Municipal & Local Bodies will ensure that henceforth only 5 star rated appliances will be procured. ( List of Star Labelled Appliances as notified by the BEE is annexed for ready reference).

  
(Manoj Kumar)  
Chief Secretary

To

All Principal Secretaries / Secretaries / Special Secretaries.

## List of Star Labelled Appliances

(URL: <https://beeindia.gov.in/content/mandatory-appliances>)

Mandatory Appliances	Voluntary Appliances
1. Room Air Conditioners.	11. Induction Motors
2. Frost Free Refrigerators.	12. Pump Sets.
3. Tubular Florescent Lamp.	13. Ceiling Fans.
4. Distribution Transformer.	14. Diesel Engine Driven Mono-set Pumps.
5. Room Air Conditioner (Cassettes, Floor Standing)	15. DG Sets.
6. Direct Cool Refrigerator.	16. Solar Water Heater.
7. Color TV.	
8. Electric Geysers.	
9. Variable Capacity Inverter Air Conditioners.	
10. LED Lamps.	