



# MEGHALAYA

aspirant

Meghalaya has programmes for driving energy efficiency (EE) in most sectors, i.e. buildings, industry, transport and DISCOMs, though these are primarily national schemes. The state could prioritise buildings and municipalities for EE interventions. Additionally, the state could start tracking the effectiveness and impact of EE programmes using quantitative indicators such as energy intensity and penetration of EE technologies in each demand sector.

## BUILDINGS

Meghalaya is yet to notify ECBC and incorporate ECBC in municipal building bye-laws. In addition to EESL's UJALA programmes for LED bulbs and EE fans, the Meghalaya Energy Conservation (Energy Consumption Standards for Equipment's and Appliances) Regulation, 2017 mandates use of minimum 3 star-rated appliances in government and public buildings. The state has 7 registered green buildings. In terms of next steps, Meghalaya should notify ECBC and incorporate it in municipal building bye-laws. The state could consider mandating energy audits for commercial buildings, and provide financial incentives for audits and EE implementation in buildings. Additionally, the state could try to capture energy intensity (kWh/m<sup>2</sup>) and other crucial building energy data such as energy savings.



## INDUSTRY

Meghalaya works with BEE to enforce the PAT programme for Designated Consumers (DC). 100% DCs in the state met the Specific Energy Consumption (SEC) target for PAT Cycle I. Meghalaya has conducted workshops on energy efficiency for the MSME sector. It could consider mandating energy audits and provide financial incentives for EE projects in this sector. Additionally, the state could consider implementing specific EE projects and tracking energy intensity in select MSME cluster.



## MUNICIPALITIES

Meghalaya could consider utilising EESL's SLNP scheme for street lighting and EESL's MEEP scheme for efficient water pumping.



## TRANSPORT

In the first State EE Index the focus was on efficiency of SRTCs and penetration of EVs. Meghalaya is in the top tier when it comes to penetration of passenger EVs via the FAME scheme. The state is also in the top tier for SRTC fuel efficiency.



## AGRICULTURE & DISCOM

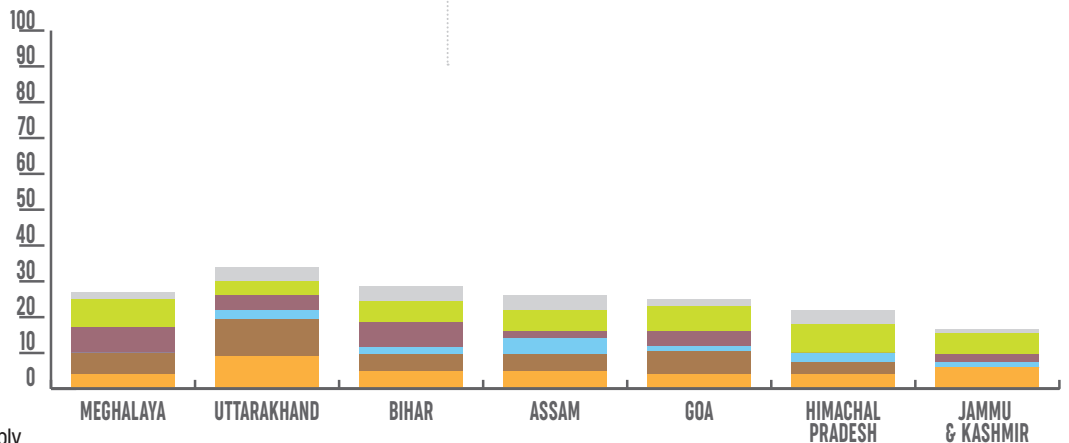
Meghalaya has among the highest T&D losses of all states, at >30%. The state has notified Demand Side Management (DSM) regulation. The top priority for the DISCOM should be reducing T&D losses.



The Electrical Inspectorate is the State Designated Agency (SDA).

**MEGHALAYA**  
Scores in TPES Group 3  
[5.4% of national TPES]

- Buildings
- Industry
- Municipalities
- Transport
- Agriculture & DISCOM
- Cross Sector



TPES - Total Primary Energy Supply