



SIKKIM

aspirant

Sikkim has programmes for driving energy efficiency (EE) in buildings, municipalities and DISCOMs, though these are primarily national schemes. The state could consider expanding the scope of EE interventions in these sectors. 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



Sikkim is yet to notify ECBC and incorporate ECBC in municipal building bye-laws. The state implemented EESL's UJALA programmes for LED bulbs, and has a LED village programme. In terms of next steps, Sikkim 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/m²) and other crucial building energy data such as energy savings.

INDUSTRY



Sikkim's industries are primarily small-scale enterprises. The state could consider implementing specific EE projects and tracking energy intensity in this sector, starting with energy audits of the units.

MUNICIPALITIES



Sikkim has implemented LED street lighting through EESL's SLNP scheme and has signed up for EESL's MEEP programme for efficient water pumping.

TRANSPORT



In the first State EE Index the focus was on fuel efficiency of SRTCs and penetration of EVs. Consumers in the state are yet to utilise the FAME scheme to purchase EVs. The state can consider tracking fuel efficiency of the SRTC.

AGRICULTURE & DISCOM

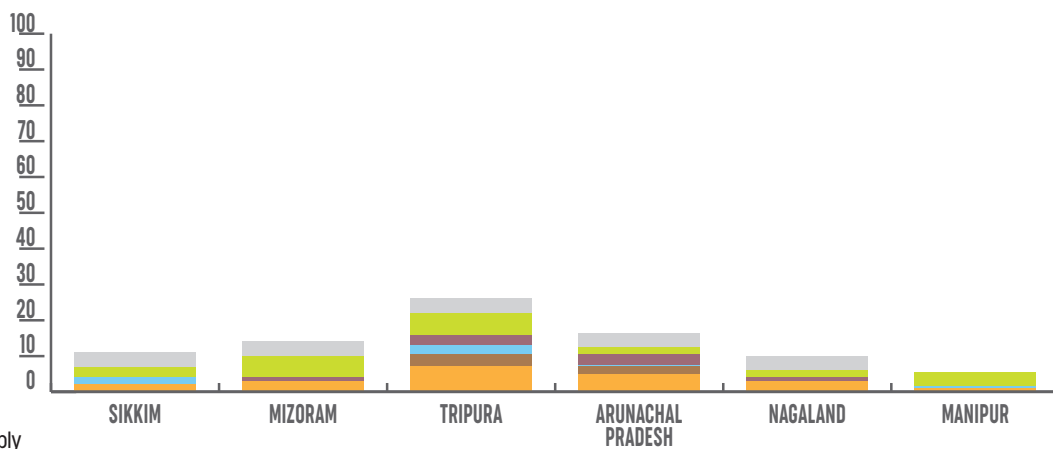


Sikkim has among the highest T&D Losses of all states, at >25%. Sikkim is yet to notify Demand Side Management (DSM) regulation. However, the state has DSM programmes on lighting and appliances. Reducing T&D losses should be the main priority.

Sikkim State Designated Agency (SDA) is within the state's Energy and Power Department. Though not a standalone SDA, the state government allocates funds specifically for energy conservation and energy efficiency.

SIKKIM
Scores in TPES Group 4
[0.4% of national TPES]

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



TPES - Total Primary Energy Supply