



ASSAM

aspirant

Assam has programmes for driving energy efficiency (EE) in all sectors, i.e. buildings, industry, municipalities, transport and DISCOMs, though these are primarily national schemes. The state could prioritise buildings, industry and DISCOMs for increased 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



Assam 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 state has distributed LED bulbs for villages under LED Village Campaign. The state has 18 registered green buildings. In terms of next steps, Assam 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



Assam works with BEE to enforce the PAT programme for Designated Consumers (DC). 43% DCs in the state met the Specific Energy Consumption (SEC) target for PAT Cycle I. The state could consider driving EE in non-PAT industrial units as well, starting with mandatory energy audits and financial incentives for EE projects. Additionally, Assam could consider implementing specific EE projects and tracking energy intensity in select MSME clusters.

MUNICIPALITIES



Assam has implemented LED street lighting through EESL's SLNP scheme. It has signed up for EESL's MEEP programme for efficient water pumping, and has a MuDSM programme for efficient pumps. The state could consider setting an energy saving target and tracking the impact of EE programmes in the municipal sector.

TRANSPORT



In the first State EE Index the focus was on fuel efficiency of SRTCs and penetration of EVs. The state is in the lower tier when it comes to penetration of passenger EVs via the FAME scheme. The fuel efficiency of the SRTC can be improved significantly. Assam could consider conducting awareness programmes on fuel saving for SRTC personnel.

AGRICULTURE & DISCOM

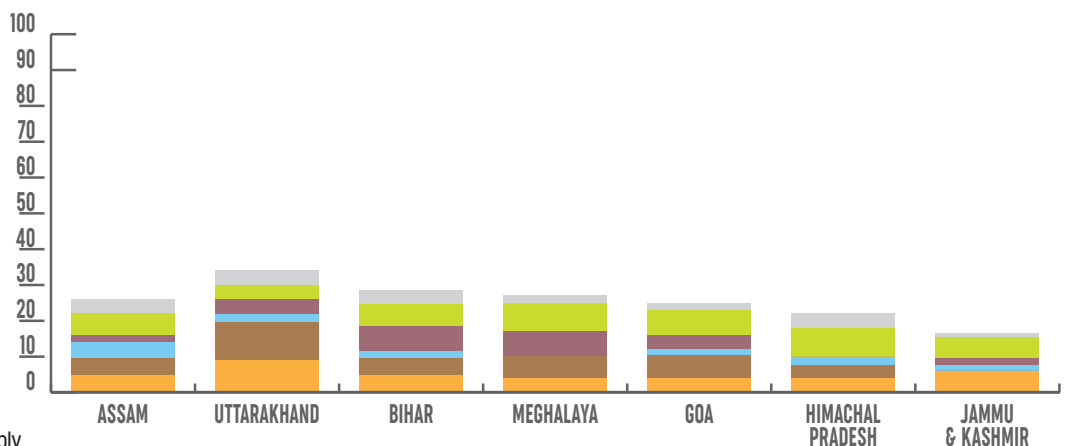


Assam has high T&D losses, at >25%. The state has notified Demand Side Management (DSM) regulation. The top priority for the DISCOM should be reducing T&D losses.

Assam State Designated Agency (ASDA), is the State Designated Agency (SDA). Though not a dedicated standalone SDA focussing entirely on energy efficiency, it has funds allocated for energy conservation and energy efficiency.

ASSAM Scores in TPES Group 3 [5.4% of national TPES]

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



TPES - Total Primary Energy Supply