



TELANGANA

contender

Telangana has programmes for driving energy efficiency (EE) in all sectors, i.e. buildings, industry, municipalities, transport and DISCOMs. While there are fair number of measures towards driving EE in the building and transport sectors, the state could improve programmes for industry, municipalities and DISCOMs. 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

Telangana was one of the first states to notify ECBC, having done so in 2012 (unified Andhra Pradesh). The state incorporated ECBC in municipal building bye-laws in January 2014, and the Greater Hyderabad Municipal Corporation (GHMC) city-wide ECBC online compliance system to streamline and modernize code compliance is a model for other states to replicate. The state provides financial incentives for ECBC compliant construction. In addition to EESL's UJALA programmes for LED bulbs and EE fans, the state mandates the use of minimum 3-star rated appliances in government buildings. Telangana has 291 registered green buildings. In terms of next steps, Telangana could consider mandating energy audits for commercial buildings. The state could also try to capture energy intensity (kWh/m²) and other crucial building energy data such as energy savings.



INDUSTRY

Telangana works with BEE to enforce the PAT programme for Designated Consumers (DC). 89% DCs in the state met the Specific Energy Consumption (SEC) target for PAT Cycle I. The state could consider mandating energy audits for non-PAT industrial units as well. Energy usage is tracked for PAT DCs; however, energy savings due to EE projects across the sector are yet to be captured in a comprehensive manner. Additionally, the state could consider implementing specific EE projects and tracking energy intensity in select MSME clusters.



MUNICIPALITIES

Telangana has implemented LED street lighting through EESL's SLNP scheme and other state programmes for municipalities. It has signed up for EESL's MEEP programme for efficient water pumping. 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. Telangana conducts awareness programmes on fuel saving for SRTC personnel, and its SRTC is among the top performers in fuel efficiency and energy intensity. The state is in the middle tier when it comes to penetration of passenger EVs via the FAME scheme.



AGRICULTURE & DISCOM

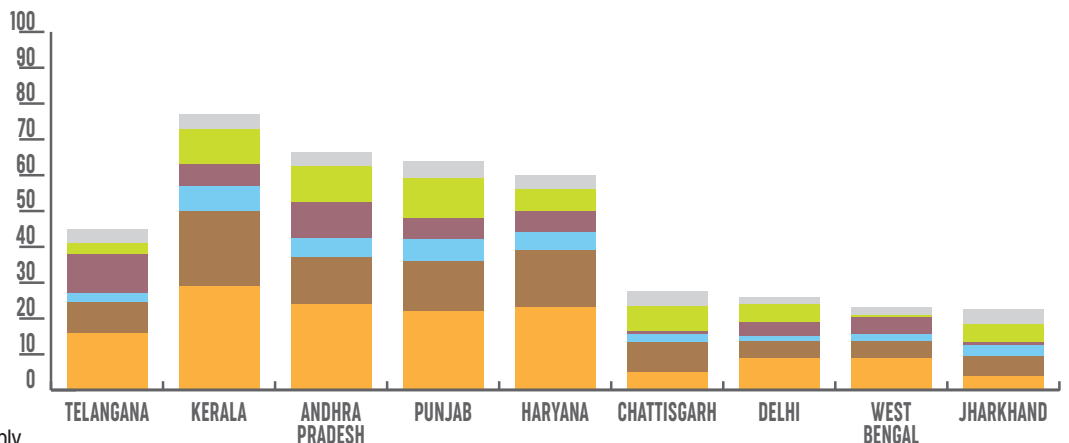
Telangana's T&D losses are 16.4%, which is lower than most states. The state is yet to notify Demand Side Management (DSM) regulation. The state could consider implementing DISCOM-driven DSM programmes.



The Telangana State Renewable Energy Development Corporation Ltd. (TSREDCO), 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.

TELANGANA
Scores in TPES Group 2
[33.2% of national TPES]

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



TPES - Total Primary Energy Supply