



# HIMACHAL PRADESH

aspirant

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

Himachal Pradesh is yet to notify ECBC and incorporate it in municipal building bye-laws. In addition to EESL's UJALA programmes for LED bulbs and EE fans, the state has a LED village campaign. The state has 17 registered green buildings. In terms of next steps, Himachal Pradesh 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.



## MUNICIPALITIES

Himachal Pradesh has implemented LED street lighting through EESL's SLNP scheme and other state programmes for retrofitting inefficient street lights with LED lights. 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.



## INDUSTRY

Himachal Pradesh works with BEE to enforce the PAT programme for Designated Consumers (DC). 78% 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, the state could consider implementing specific EE projects and tracking energy intensity in select MSME clusters.



## TRANSPORT

In the first State EE Index the focus was on fuel efficiency of SRTCs and penetration of EVs. The penetration of EVs is fairly low. The fuel efficiency of the SRTC could be improved.



## AGRICULTURE & DISCOM

Himachal Pradesh's T&D losses are 19%, placing it in the middle tier among all states. The state has notified Demand Side Management (DSM) regulation.



Directorate of Energy 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.

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

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

TPES - Total Primary Energy Supply

