

A snapshot of Shakti's engagement at the state level: over the past few years

While overarching policy is made at the central level, implementation is effected at the state level. To this end, a significant focus of Shakti's work is at the state level.

CLEAN POWER

Rajasthan

- Feasibility analysis of solar irrigation pumps
- Implementation of a Demand Response pilot
- Direct benefit transfer for electricity subsidy

Gujarat

- DSM action plan
- RE resource potential assessment
- Scenario building for regulatory decisions on DSM and RE
- Capacity building of discoms

Maharashtra

- Capacity building of energy entrepreneurs and financial institutions for improving rural energy services
- RE market development

Karnataka

- Technical assistance to discoms for distribution reforms and DSM actions
- Capacity building of energy entrepreneurs and financial institutions for improving rural energy services
- RE resource potential and grid integration assessments
- RE market development

Andhra Pradesh

- RE resource potential and grid integration assessment
- Capacity building of energy entrepreneurs and financial institutions for improving rural energy services

Tamil Nadu, Puducherry

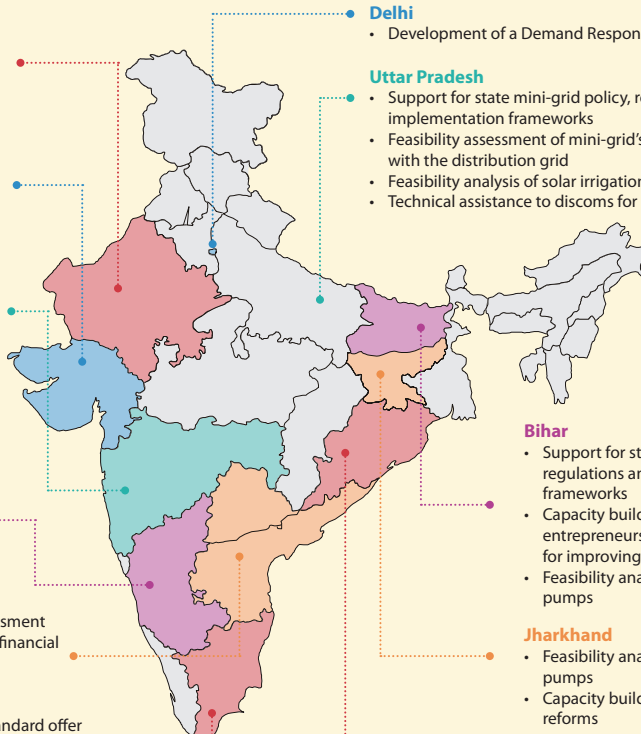
- Implementation of DSM approaches such as Standard offer Programme (SOP) targeting efficient lighting
- Development of a state DSM action plan and Demand Response program
- RE capacity deployment plan and market development

Delhi

- Development of a Demand Response program

Uttar Pradesh

- Support for state mini-grid policy, regulations and implementation frameworks
- Feasibility assessment of mini-grid's interconnectivity with the distribution grid
- Feasibility analysis of solar irrigation pumps
- Technical assistance to discoms for distributions reforms



Bihar

- Support for state mini-grid policy, regulations and implementation frameworks
- Capacity building of energy entrepreneurs and financial institutions for improving rural energy services
- Feasibility analysis of solar irrigation pumps

Jharkhand

- Feasibility analysis of solar irrigation pumps
- Capacity building of discoms for utility reforms

Odisha

- Support for state mini-grid policy, regulations and implementation frameworks



SUSTAINABLE CITIES

Rajasthan

- Development of the Bus Rapid Transit System (BRTS) evaluation and design tool
- Technical assistance for the integration of sustainable transport elements in Smart Cities efforts
- Development of innovative financing mechanisms for sustainable transport projects

Gujarat

- Needs assessment for prioritizing sustainable urban transport
- Assistance for development of local area planning (LAP) methodologies

Maharashtra

- Development of bus terminal planning and design guidelines.

Karnataka

- Development of a roadmap for electric public transport
- Assistance on rationalising vehicle taxes for prioritising public transport
- Technical assistance to city bus operators on data management, finance and procurement

Tamil Nadu

- Development of a framework for promoting sustainable transport investments
- Development of a state urban transport policy (SUTP)

Delhi

- Multiple demonstration projects for improved accessibility and mobility through public transport and non-motorised transport
- Development of BRTS evaluation and design tools
- Development of transit oriented development (TOD) model

Madhya Pradesh

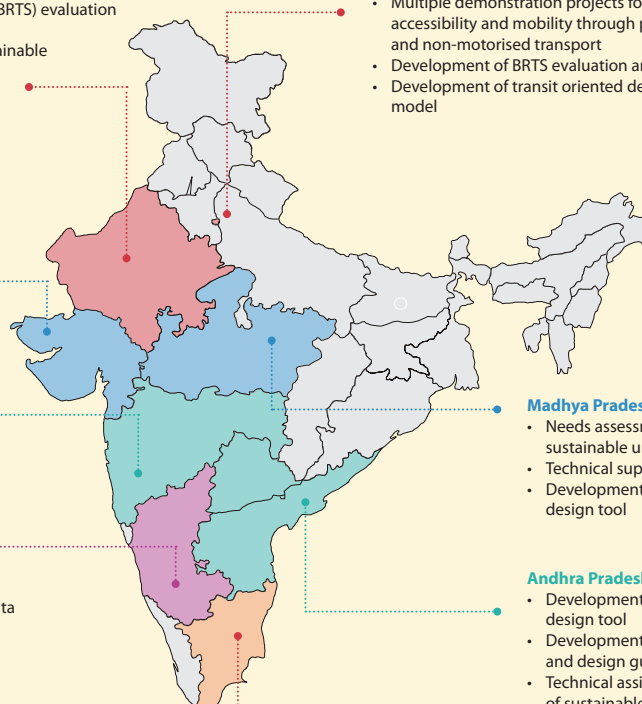
- Needs assessment for prioritizing sustainable urban transport
- Technical support for BRTS
- Development of BRTS evaluation and design tool

Andhra Pradesh

- Development of BRTS evaluation and design tool
- Development of bus terminal planning and design guidelines
- Technical assistance for the integration of sustainable transport elements in Smart Cities efforts

Multi-State Initiative

- Assessment of non motorized transport (NMT) infrastructure and policies.



LOW-CARBON GROWTH

Gujarat

- Capacity building of stakeholders for accessing climate finance
- Air quality monitoring stations

Rajasthan

- Air quality monitoring stations

Maharashtra

- Identification of financing avenues for low-carbon growth initiatives
- Assessment of energy and climate co-benefits of improved air quality management.

Kerala

- Identification of financing opportunities for low-carbon growth initiatives

Tamil Nadu

- Identification of financing opportunities for low-carbon growth initiatives
- Assessment of energy and climate co-benefits of improved air quality management.

Bihar

- Clean Brick production and promotion of resource efficient walling materials
- Improved air quality in Patna

Sikkim

- GHG Inventory and Climate MRV system

Uttarakhand

- Air quality monitoring stations

Uttar Pradesh

- Air quality monitoring stations

Jharkhand

- Air Quality monitoring stations

Chhattisgarh

- Air quality monitoring stations

Odisha

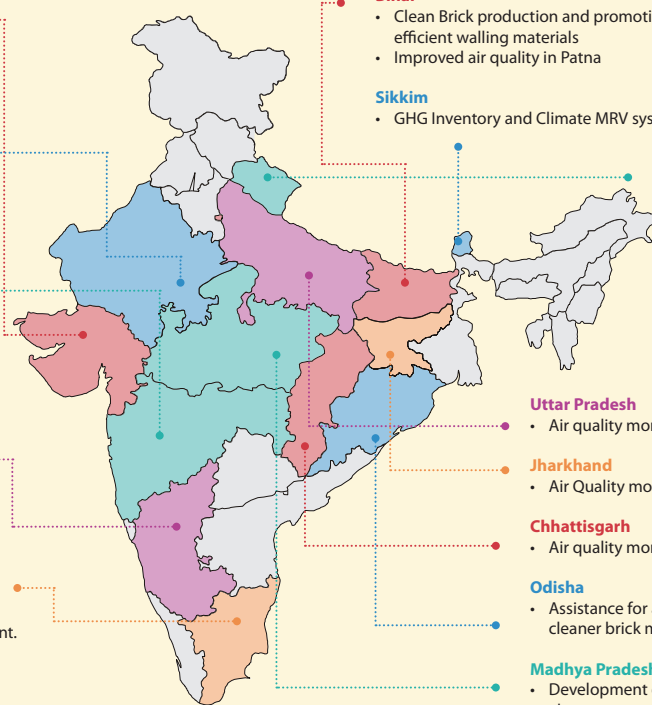
- Assistance for accelerating adoption of cleaner brick making technologies

Madhya Pradesh

- Development of Greenhouse Gas abatement cost curves
- Capacity building of stakeholders for accessing climate finance
- Air quality monitoring stations

Multi-State Initiative

- Development of GHG estimates for all Indian states
- Development of clean air tools for cities across multiple states



ENERGY EFFICIENCY

Rajasthan

- Development of Energy Conserving Building Codes (ECBC) implementation and compliance roadmap
- Technical assistance for integrating building efficiency in smart cities plan
- Capacity building of energy managers

Gujarat

- Development of ECBC implementation and compliance roadmap
- Development of Standards & Labeling (S&L) program implementation and enforcement strategies
- Roll out of communication and outreach strategy of promotion of S&L Program

Maharashtra

- Capacity building of energy managers and industry professionals
- Development of ECBC implementation and compliance roadmap
- Development of S&L program implementation and enforcement strategies
- District cooling systems potential assessment
- Energy efficiency in high rise residential buildings

Kerala

- Capacity building of energy managers
- Development of S&L program implementation and enforcement strategies
- Support of implementation of an EE technology lab
- Demand side energy conservation through behavioral change among residential consumers

Tamil Nadu

- Development of ECBC implementation roadmap
- Development of S&L program implementation and enforcement strategies
- Capacity building of energy managers

Delhi

- Development of ECBC compliance approaches
- Development of cool roofs design guidelines
- Sustainable, Smart, Space Cooling Coalition

Madhya Pradesh

- Capacity building of energy managers
- Development of ECBC implementation and compliance roadmap

Chhattisgarh

- Capacity building of energy managers
- Development of S&L program implementation and enforcement strategies

Odisha

- Rapid assessment of District Energy Systems in Bhubaneswar

Andhra Pradesh

- Capacity building of energy managers
- Development of S&L program implementation and enforcement strategies
- Technical assistance for integrating building efficiency in smart cities plan

