

## ACCESS TO CLEAN COOKING ENERGY AND ELECTRICITY: SURVEY OF STATES

The Access to Clean Cooking Energy and Electricity – Survey of States (ACCESS) is India's largest multidimensional energy access survey conducted by CEEW, Initiative for Sustainable Energy Policy, and the National University of Singapore across six of the major energy access-deprived states – Bihar, Jharkhand, Madhya Pradesh, Odisha, Uttar Pradesh, and West Bengal.

9,000 households | 756 villages | 5 million data points

### 32 million

rural Indian households moved up from the bottom of the energy ladder across six major energy-access-deprived states - Bihar, Jharkhand, Madhya Pradesh, Odisha, Uttar Pradesh, and West Bengal, since 2015

### 66 million

rural Indian households still remain at the bottom of the energy ladder in the above-mentioned states

### 75%

rural households in these six states relied on grid electricity for their primary lighting needs in 2018, an increase from 42% in 2015

### <20%

rural households in the six Indian states mentioned used kerosene as a primary source of lighting, a reduction from over 50% in 2015

All data points, CEEW analysis

“

ACCESS provides a nuanced understanding of the evolution of energy access in rural India. While government schemes such as *Saubhagya* and *Pradhan Mantri Ujjwala Yojana* have had noticeable impact, policymakers now need to look beyond providing connections to households and turn their attention to ensuring affordable, reliable, and sustainable energy for all.

DR ARUNABHA GHOSH

CEO

Council on Energy, Environment and Water (CEEW)

## Sharing ACCESS 2018 findings with policymakers



L to R: Dr Arun Kumar Verma, Joint Secretary (Hydro), Ministry of Power, Government of India; Mr Ashutosh Jindal, Joint Secretary (IC), Ministry of Petroleum & Natural Gas, Government of India.



ACCESS 2018 is an excellent initiative. It will provide valuable feedback to policymakers and implementers on field-level issues. Compliments to CEEW.

**ASHUTOSH JINDAL**

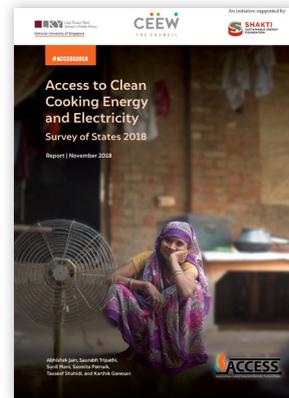
Joint Secretary, Ministry of Petroleum and Natural Gas, Government of India

## Field Images from ACCESS 2018 Survey



Field images: Morsel

## CEEW Research



Access to Clean Cooking Energy and Electricity - Survey of States

Report | November 2018

<https://bit.ly/2DT1x7w>

The CEEW study 'Access to Clean Cooking Energy and Electricity: Survey of States' published by the Council on Energy, Environment and Water (CEEW), with support from the Shakti Sustainable Energy Foundation and the Lee Kuan Yew School of Public Policy (National University of Singapore), was released in November 2018.

The results from the first round of the study, ACCESS 2015, highlighted the need to look beyond connections to enable rural India's access to modern forms of energy. In 2018, we revisited the households to understand the changes in their energy access situation over the last three years, and to study the impact of government policies during this period. The study analyses energy access for households using a multidimensional, multi-tier framework. Households are assigned tiers on the basis of their level of access to energy. Tier 0 indicates the lowest level of access and Tier 3, the highest.



The Council on Energy, Environment and Water is one of South Asia's leading not-for-profit policy research institutions. The Council uses data, integrated analysis, and strategic outreach to explain-and change-the use, reuse, and misuse of resources.

Ranked the best in South Asia with an annual operating budget of less than USD 5 million, five years in a row. Among top 100 out of 6,846 think tanks in eight categories.

Global Go To Think Tank Index, 2018



Ranked 2<sup>nd</sup> in the 'International Energy' category for its pioneering study on solar-powered healthcare.

Prospect Think Tank Awards, 2018



Ranked 2<sup>nd</sup> in India, 4<sup>th</sup> outside Europe and North America, and 20<sup>th</sup> globally out of 240 think tanks.

ICCG Climate Think Tank's standardised rankings, 2016

