

Launch of the India Energy Security Scenarios, 2047

Date: February 28, 2014

Venue: New Delhi

Dr. Anshu, Bharadwaj, Executive Director, and Deepthi Swamy, Sahil Ali and Shweta Srinivasan, researchers from the Center for Study of Science Technology and Policy (CSTEP) attended the launch workshop for the India Energy Security Scenarios 2047 (IESS), organised by the Planning Commission and Confederation of Indian Industries (CII), on February 28, 2014 in New Delhi. CSTEP is a knowledge partner for the Planning Commission for this venture.

This tool aims to facilitate debate and discussions on India's energy policies by modelling plausible pathways for energy demand and supply in the country by illustrating the impact on energy security, emissions, and investments required, for a long-term vision by 2052. It shows various combinations of energy demand and possible energy supply pathways available to the country ranging from the least effort to the heroic effort.

CSTEP has worked on the Nuclear and Hydro supply trajectories as well as Commercial and Agricultural demand trajectories.

At the workshop, Dr. Bharadwaj presented key sectoral messages from the two demand and supply sectors. He along with the other representatives from Prayas Energy Group and TERI (the other knowledge partners) emphasised the usefulness of the tool in providing an open source integrated tool for long term energy projections.

Deputy Chairman Planning Commission, Montek Singh Ahluwalia launched the tool on its web portal and said that an integrated approach to energy modelling was very crucial for planning a low carbon and energy secure future.

The IESS is modelled along the lines of DECC 2050 Pathways Calculator, developed by the UK Department of Energy and Climate Change (UK-DECC). It is hosted on a wiki site for use by policymakers, sector experts, and the general public.

B.K. Chaturvedi, Planning Commission Member (Energy) also informed the workshop participants that details on costs of trajectories and their impact on water variables would be incorporated in the next version of the tool.