

Private Sector Pavilion presented by TERI and Becquerel Institute

5-6 September 2024
Bharat Mandapam, New Delhi

12:45 – 13:45 hrs | Thursday 05 September 2024
Hall No. 14 | Entry through Gate 1 to 10



Leadership Panel – India’s enhanced role in North-South partnership on faster solar energy transition

The global energy system is facing a stiff paradigm shift. Energy-consuming countries face the two-pronged paradox of providing communities access to affordable and reliable electricity while also bearing the ramifications of increasing energy demand and energy access on climate change. Although electricity has been widely recognized as a pivotal lever that enables the upward economic mobility of communities and countries, it may as well be the source of difficult conversations among policymakers and other stakeholders as they gear up for the next decade of progress towards the Sustainable Development Goals (SDGs).

India has seen extraordinary growth in its renewable energy sector in the past few years. With the global impetus towards sustainable development and the need to cater to the growing energy demand of almost 1.5 billion people, India has made steady strides to increase the penetration of renewable energy generation within the country's energy mix. In the last decade, the country has provided electricity access to hundreds of millions of people residing in last-mile communities, restructured its lumbering utility sector, and introduced key measures to achieve a carbon-neutral economy by 2050. Catering to the energy needs of a burgeoning population while meeting sustainability goals is not a trivial challenge—it requires effective coordination and innovation across three key verticals: technological innovation, financial innovation, and business model innovation.

The Leadership Panel illustrates the mechanisms and levers that facilitated India scale up its renewable energy capacity by 250% between 2014 and 2021; Hence ranking fourth in renewable energy capacity in the world. The panel serves as a knowledge sharing for other countries and small islands on how India is further embarking on a sweeping energy transition effort to replace fossil fuel use in the industrial sector. Focused on investing in energy efficiency, expanding renewable energy generation, and the use of green hydrogen for energy storage, India expects to reduce its dependency on fossil fuels in the medium term; thereby playing an enhanced global role in North-South partnership on faster solar energy transition.

Target audience: Solar EPC players and business leaders from India; policy makers from Global South and small islands

Format: Panel Discussion

(06 mins) Context setting by Shri Vivek Kumar Dewangan, Chairman and Managing Director, REC Ltd

(55 mins) Moderated discussion - chaired by Mr Ajay Shankar, Distinguished Fellow, TERI; and the other speakers including:

- Mr Deepak Kumar Nayak, Business Head – Solar EPC, L&T
- Mr. Rishi Maggon, Asst. Vice President - Projects, Tata Projects Ltd
- Mr Amit Sengupta, Vice President - Finance. Avaada Group
- Ms Chetna Sharma Baranwal, Vice President & Head-New Initiatives and Sustainability, Indus Towers Ltd
- Mr Surinder Makhija, Vice President and Senior Strategic Advisor, Jain Irrigation Services Ltd