

WEBINAR AGENDA

India Energy Stack: The Digital Backbone for India’s Power Sector

Date: 27 August 2025

Time 15:00-16:30 IST

Total Duration: 90 Minutes

Platform: Microsoft Teams

The electric utilities are on the threshold of a rapid transformation with the advent of distributed renewable energy sources, electric vehicle and energy storage systems etc., a paradigm shift towards a new era of decentralized systems. This has led to operational challenges due to intermittent generation as well as variable demand resources which are non-dispatchable and lack market visibility thereby enhancing the integration challenges with centralized systems. India Energy Stack (IES) aims to create a unified digital infrastructure which can serve as the digital backbone of the power sector and can contribute to India's net zero commitment through facilitating implementation of innovative market mechanisms, enhancing operational and business process efficiency, seamless integration of clean energy sources etc. However, deliberations are required on the following to ensure seamless implementation and optimal utilization of IES

1. Digital transformation of utilities in terms of replacement of legacy systems, AMI implementation, creation of digital workflows, adoption of analytics solution and cloud native platforms
2. Standardization of APIs and interoperability
3. Regulatory reforms in terms of dynamic pricing, digital audit and compliance
4. Data privacy and cyber security
5. Change management and capacity building of utility workforce

The webinar on will not only discuss the above aspects but will also throw light on how IES can facilitate implementation of local energy market with innovative market models like, Virtual Power Plant, Peer to Peer Trading, Demand Response and its further integration with centralized market.

Time	Session Brief
15:00	<p>Welcome & Opening Remarks – Ronkini Shome, Founder, Climacore Dialogues</p> <ul style="list-style-type: none"> • Overview of the webinar’s purpose • The need for a unified digital architecture in India’s power sector • India Energy Stack as a transformative initiative
15:10	<p>Theme Presentation by Nangia Group India’s Next Digital Breakthrough: Building the Energy Stack – Suddhasatta Kundu, Director, Power Sector Advisory, Nangia Group and Satyajit Vagvala, Executive Director, Public Sector, Nangia Group</p>

15:25	<p>Panel Discussion: Designing the India Energy Stack: Infrastructure, Interoperability, Innovation and Application</p> <p>Moderator: Arindam Ghosh, Partner, Power Sector Advisory, Nangia Group</p> <ul style="list-style-type: none"> • P K Pujari, Former CERC Chairman & Distinguished Fellow, FSR Global • P K Agarwal, Former Director & CISO, POSOCO Ltd • Alok Kumar, Director General, All India DISCOMs Association • Sainath Bandhakavi, Senior Manager-Technology, Amazon Web Services
16:15	<p>Audience Q&A</p>
16:25	<p>Closing Remarks & Way Forward – Arindam Ghosh, Partner, Power Sector Advisory, Nangia Group</p>
16:30	<p>Vote of Thanks – Suchitra Subramaniyan, Manager, Nangia Group</p>