

Powering the Future

**Leveraging digitalisation for efficiency, resilience
and decarbonisation**

Draft Agenda

Tuesday 6 June 2023: 14h00 – 17h00 EST

Richelieu Amphitheatre,
Versailles

International
Energy Agency

iea



Background

The mounting pressures to decarbonise and electrify in conjunction with the climate and energy crisis are creating a new imperative for digitalisation. This event brings together policy makers, regulators, utilities, technology and service providers and experts to discuss actions needed to ensure a trajectory towards efficient, resilient and clean power systems. During this event, the IEA will launch the Digital Demand-Driven Electricity Networks (3DEN) Initiative's first flagship report on smart grids for reliable and efficient power systems in emerging and developing countries.

The discussion will focus on:

- The urgent need to ramp up on power systems modernisation and on improving the efficiency and flexibility of demand.
- How digitalisation can help meet urgent needs such as increased efficiency and reduced losses, improved utilisation of assets, increased reliability while facilitating decarbonisation pathways, especially in emerging economies and developing countries.
- Actions needed to scale up digitalisation including the role of pilot with insights from implementors of the Italy/UNEP smart grid pilot programme in emerging economies.
- How digitalisation can support greater power system efficiency and decarbonisation in the medium-long term and fast-track implementation to achieve net zero/climate ambitions.

Agenda (Draft)

14h00	Opening remarks <ul style="list-style-type: none"> International Energy Agency (IEA) Ministry for the Environment and Energy Security, Italy Sandoval Feitosa, Director General, Agência Nacional de Energia Elétrica (ANEEL), Brazil
14h20	Keynote Session <p><i>Key-note interventions on future power systems and on the steps needed to move forward meeting climate objectives, while ensuring affordability and access for international trade, energy efficiency and climate change progress?</i></p> <ul style="list-style-type: none"> Laura Sandys CBE, Chair, UK Government Energy Digitalisation Taskforce; Chair, Domestic Energy Efficiency Strategy, Energy Efficiency Taskforce Reena Suri, Executive Director, India Smart Grid Forum (ISGF)
14h40	Leveraging Digitalisation for Efficiency, Resilience and Decarbonisation <p>3DEN Flagship Report Launch (20 mins)</p> <p><i>Launch of Digital Demand-Driven Electricity Networks (3DEN) Initiative's first flagship report on smart grids for reliable and efficient power systems in emerging and developing countries.</i></p> <ul style="list-style-type: none"> Annalidia Pansini, Senior Advisor, Italian Ministry for the Environment and Energy Security Vida Rozite, 3DEN Programme Lead, IEA <p>Panel Discussion (45 mins)</p> <ul style="list-style-type: none"> Agnes da Costa, Executive Director, Agência Nacional de Energia Elétrica (ANEEL), Brazil Enel Grids
15h45	Coffee Break
16h00	Digitalisation for power system efficiency and reliability: pilots and international collaboration <p><i>Experts will share key takeaways from a series of pilots and discuss how actions needed to take digitalisation to the next level.</i></p> <p>Scene setting (5 mins)</p> <ul style="list-style-type: none"> Luciano Martini, Chair of International Smart Grid Action Network and Director of Green Powered Future Mission of Mission Innovation <p>Panel discussion (45 mins)</p> <ul style="list-style-type: none"> Daniele Russolillo, COO & Deputy CEO, Planet Smart City Pankaj Agarwal, CEO, Panitek Wei HAN, Director of Projects, Energy Foundation China
16h50	Moving forward <ul style="list-style-type: none"> Chris Dunstan, Adjunct Associate Professor, University of Technology Sydney Andrei-Silviu Covatariu, Co-chair of the United Nations Economic Commission for Europe Digitalization in Energy Task Force
17h20	Closing remarks