

South East Europe Workshop on Grid Integration of Variable Renewable Energy Sources

7 November 2018, Vienna

Agenda

08:45 – 09:00	Welcome coffee
09:00 – 09:40	Session I: Introduction <ul style="list-style-type: none"> • Welcome remarks <i>IRENA, Energy Community Secretariat, DG ENER</i> • Smart and Clean Energy for All Europeans – the way ahead to 2030, <i>Pierre Loaec, DG ENER</i> • Legal requirements for access to and operation of grids with renewable energy <i>Gabriela Cretu, Energy Community Secretariat</i>
09:40 – 10:40	Session II: Planning for the future clean, competitive and secure energy systems <ul style="list-style-type: none"> • Factors influencing the long-term planning for VREs: Challenges and Opportunities <i>Dolf Gielen, Director Innovation and Technology Center IRENA</i> • Challenges in planning RES integration into electricity systems in a competitive and sustainable way <i>Katerina Karali, Electricity Expert</i> • Planning a system with a high share of renewable energy in Germany – interface between scenario planning, network planning, and operational planning <i>Dennis Volk, Bundesnetzagentur</i>
10:40 – 11:00	Coffee break
11:00 – 11:45	Session III: Experiences of Contracting Parties Round table discussions: Long-term planning of energy systems with higher shares of VREs - Contracting Parties' presentations
11:45 – 12:30	Session IV: A market design fit for renewable energy <ul style="list-style-type: none"> • Importance of market design for the uptake of VREs <i>Emanuele Bianco, IRENA</i> • A market design for a future renewable-based energy system - a regulatory perspective <i>Elena-Loredana Ocenic, ACER</i> • Redesign of the electricity market - options for flexibility <i>Laurens de Vries, EERA Energy Systems Integration Joint Programme Coordinator, Associate Professor, TU Delft</i>
12:30 – 13:00	Panel discussion on best practices, gaps and the way forward on future integrated planning and market design
13:00 – 13:45	Group photo and Lunch break

13:45 – 15:15	<p>Session V: A Balancing Act: Power System Flexibility</p> <ul style="list-style-type: none"> • Power systems flexibility: sources of flexibility and flexibility assessment (IRENA FlexTool); lessons from front runners <i>Gayathri Nair, IRENA</i> • Unlock power system flexibility through improved operational practices <i>Hannele Holttinen, Coordinator of IEA Task 25 - Design and Operation of Power Systems with High Amounts of wind power</i> • Experiences of TSO in ensuring flexible power system <i>Nuno Martins, REN Portugal</i> • Digital applications to support the energy transition: Using blockchain to unlock grid flexibility <i>Jan Vorrink, TenneT</i> • Options for additional flexibility from sector coupling – electrification of heating and transport sectors <i>Laurens J. de Vries, EERA Energy Systems Integration Joint Programme Coordinator, Associate Professor, TU Delft</i> • Energy Storage: A key flexibility resource <i>Patrick Clerens, European Association for Storage of Energy (EASE)</i>
15:15– 15:30	<p>Coffee break</p>
15:30 – 16:40	<p>Session VI: Grid Integration of Variable Renewable Energy</p> <ul style="list-style-type: none"> • Data access, innovation and integration of renewable energy <i>Georg Rute, Elering (Estonia)</i> • Challenges and solutions for the interconnected power systems <i>Gayathri Nair, IRENA</i> • Self-consumption schemes in Greece and Eurelectric report on charges for distributed generation <i>Sophia Politopoulou, HEDNO (GR), Distribution & Market Facilitation Committee (Eurelectric)</i>
16:40 – 17:30	<p>Concluding Panel Discussion on the way forward</p> <ul style="list-style-type: none"> • Role of the donors, international financial institutions and the cooperation platforms • Role of IRENA • Summary of the discussion on: i) identified gaps; ii) necessary technical assistance to address them; iii) best practices and methodologies for the relevant studies
17.30	<p>Closing Remarks</p>