Power System Flexibility Expert Workshop

6th February 2020, Paris
Room 1, IEA, 9 Rue de la Fédération, 75015, Paris, France

8h30	***Registration and welcome coffee***
9h00	**Opening and Introduction** Opening remarks Co-lead country representatives and International Energy Agency
9h15	**Global perspectives on power system transformation** This session will provide an overview of international best practices for power system flexibility. Ranging from current challenges as well as ongoing projects to identify and prepare for future system flexibility needs. Session structure: • **Pablo Carvajal**, IRENA, Global perspective on power system flexibility • **Ernesto Huber**, Centro de Control de Energía, Chile: System operator's perspective on power system transformation • **Norela Constantinescu**, ENTSO-E, Cyber-physical system for the energy transition • **Thomas Spencer**, TERI, Modelling India's future flexibility requirements • **Dr. Nuki Agya Utama**, ASEAN Centre for Energy, Power System transformation in South East Asia *Panel discussion: Long-term strategies for power system transformation* **Moderated by Edwin Haesen**, IEA
10h45	*Coffee break*
11h00	**Digitalisation and the energy transition** This session will focus on technological improvements for power system transformation, ranging from advanced tools for faster, safer power system operation to data platforms for wider consumer engagement in flexibility services. Session structure: • **Andreas Ulbig**, Adaptricity, Digitalisation and the energy transition • **Sankara Subramanian**, GE, DER Visibility for improved operations • **Dirk Helbig**, Siemens, Digitalised and sustainable transmission products for flexible power systems • **Jochen Kreusel**, ABB Power Grids, Maximising grid use with digital solutions *Panel discussion: Identifying the value for grid digitalisation*

	Moderated by Peerapat Vithayasrichareon, IEA
12h30	**Lunch break**
14h00	**Market design for demand-side flexibility** This session will focus on regulation and rate design for demand-side flexibility, co-organised with the Swedish Energy Markets Inspectorate (Ei) and the Swedish Smart Grid Forum. Session structure • **Luigi Mazzocchi**, RSE, The Italian experience in unlocking demand-side flexibility • **Henrike Sommer**, EPEX Spot, Regulatory hurdles for market-based flexibility deployment • **Mike Hogan**, RAP, Cost-effectiveness of mobilising distributed flexibility • **Yasuhiro Sakuma**, METI, Current electricity markets in Japan and DR *Panel discussion: Enabling cost-effective demand response* **Co-moderated by Therése Hindman Persson**, Chief Economist, Ei and **Enrique Gutierrez**, IEA
15h30	*Coffee break*
15h45	**System integration of EVs** This session will be co-organised with the CEM's horizontal accelerator on electric mobility and system integration, building on inputs from ISGAN, 21CPP and EVI. Session structure: • **Cedric Leonard**, RTE, EV Integration Study • **Filippo Gaddo**, Arup, Business models for EV grid integration • **Andreas Jahn**, RAP on behalf of Agora Verkehrswende, Expansion of the distribution network for the energy transition • **Bart Holthuizen**, NewMotion, EV flexibility for ancillary services *Panel discussion: Electric mobility and decentralised power system flexibility* **Moderated by Marine Gorner**, IEA
17h15	**Closing remarks and steps forward**
17h30	***End of the meeting followed by networking reception***