

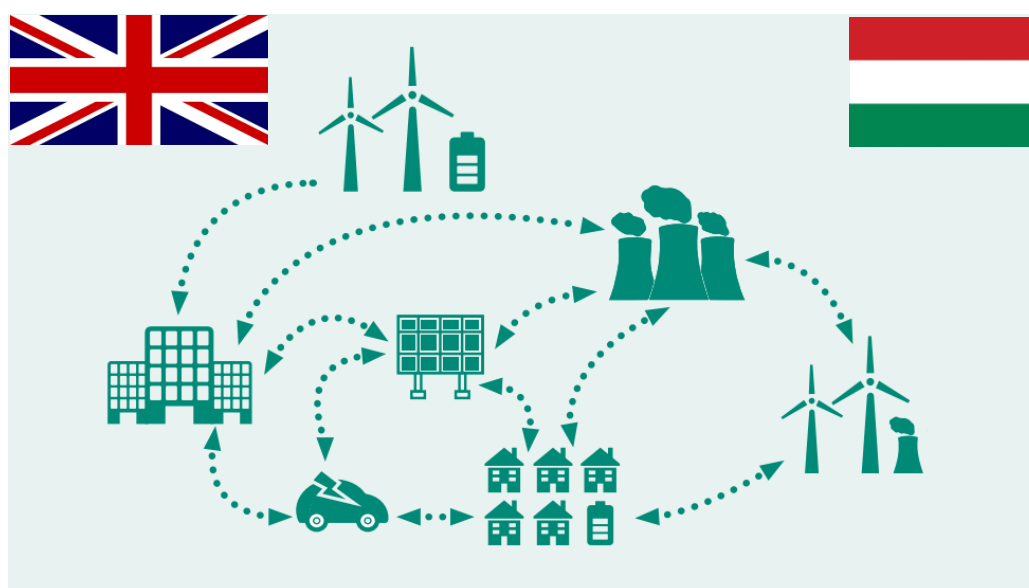
FLEXIBILITY, ENERGY STORAGE AND DEMAND SIDE RESPONSE

Knowledge sharing between the United Kingdom and Hungary to enhance energy security

Online workshop

16th March 2023, 9:00 am – 1:00 pm CET

Organised by REKK & the British Embassy Budapest



Source: UK Parliament

Future energy systems will be greener and cleaner, but must remain achievable and reliable. The integration of high amounts of variable renewable electricity sources presents challenges to grid stability. The workshop will focus on enhancing energy security by getting together Hungarian and UK stakeholders to discuss the achievements in flexibility, energy storage and demand side response.

During the workshop, selected UK experts will present the UK's related energy policy, technology, and regulatory innovation. The invited Hungarian speakers will also familiarize the audience with the Hungarian best practice. The collaboration will enable to reduce the dependence on natural gas, and accelerate the decarbonisation actions, and provide valuable market and policy intelligence to inform representatives of both countries about each other's achievements.

The aim of the workshop is to discuss the following:

- UK experience related to flexibility, energy storage and demand side response
- Understand the innovation activities related to the energy storage
- Sharing experiences with the regulation of energy storage and demand side response

Agenda

9.00 - 9.05 CET	<i>Welcome remark</i> László Szabó, REKK, Director
9.05 - 9.15 CET	<i>Opening Speech</i> Paul Fox, British Ambassador to Hungary

9.15 – 10.30 CET	<p><i>Keynote Speeches</i></p> <p>STRATEGIES AND PATHWAYS FOR INCREASED FLEXIBILITY</p> <ul style="list-style-type: none"> • Viktor Rácz, REKK, Senior Research Associate: The role of storage solutions in the energy transition • Matt Aldridge, UK Government Department for Business, Energy and Industrial Strategy, Head of Electricity Storage: The Energy Storage Strategy and Support Schemes of the UK Government • Nina Klein, Senior Manager, Ofgem, Energy Flexibility, Energy Systems Management and Security: The UK regulation of flexibility – An overview <p>Questions and Answers</p> <p>CHAIR:</p> <p>Pál Ságvári, Vice President for Strategic and International Affairs, Hungarian Energy and Public Utility Regulatory Authority (MEKH)</p>
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10.30 – 11.30 CET	<p><i>Roundtable Discussion 1.</i></p> <p>REGULATORY AND MARKET ACHIEVEMENTS AND CHALLENGES OF ENERGY STORAGE</p> <p>This roundtable ensures knowledge sharing about the value of energy storage and the role of energy storage in the different parts of the electricity/energy system. The panellists will also reflect on the storage regulation and the regulatory environment. The aim is to understand the development of the energy storage landscape in the UK and specify what the regulation means for the storage project development and operation.</p> <p>PARTICIPANTS:</p> <ul style="list-style-type: none"> • Péter Horváth, Dunamenti Power Plant, CEO and installer of the first Tesla Megapack in Hungary • Charlotte Johnson, KrakenFlex UK, Chief of Staff
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	<p>MODERATOR: Viktor Rác, REKK, Senior Research Associate</p>
<p>11.30– 12.45 CET</p>	<p><i>Roundtable Discussion 2.</i> DEMAND SIDE RESPONSE</p> <p>The importance of demand side response (DSR) will be much higher than in the previous years, due to the following reasons:</p> <ul style="list-style-type: none"> • High electricity price is an opportunity to boost the DSR in the electricity sector. • In the beginning of October, the EU Emergency energy market intervention stated that the peak electricity consumption should be decreased at least by 5 % in all MSs. This will also accelerate the increase of the DSR capacities in Hungary. • Both UK and Hungary have the commitment to increase the RES share in the electricity sector, in the coming decades. High penetration of PV and wind need high flexibility to balance the intermittent generation. <p>In this roundtable discussion, participants will present the demand-side flexibility solutions which are commonly used in the UK and debate the forthcoming solutions in Hungary.</p> <p>PARTICIPANTS:</p> <ul style="list-style-type: none"> • Sarah Keay-Bright, National Grid ESO, Market Strategy Manager • Alex Howard, UK Power Networks, Product Manager, DSO Market Platform • David Mills, EA Technology, UK, Head of Net Zero Transition • Gábor Szörényi, energy expert, Hungary, former General Secretary at Energy Regulators Regional Association <p>MODERATOR: Zsuzsanna Pató, RAP, Senior Advisor</p>
<p>12.45</p>	<p><i>Closing remarks</i></p>

Participation is free of charge, please register [here](#).