

Delivering a Smart Energy System

4th July 2017, Bath

Room 2.6, The Chancellors Building

Agenda

The event will examine the key issues and emerging solutions in the transition to a smart, decentralised energy system that would enable renewables to thrive in a subsidy-free environment. It will bring together leading academics, policy makers and businesses to look at how flexible local markets will work, emerging business models and the enabling technologies.

The event is run in partnership by the University of Bath Centre for Sustainable Power Distribution (CSPD) and Regen with support from Oxford University and Cardiff University.

9.30 **Registration and networking**

9.50 **Welcome from chair**

Merlin Hyman, CEO, Regen

10.00 **Opening keynote: Smart Energy Policy Framework**

Beth Chaudhary, head of smart energy policy, BEIS

10.30 **Local Energy Markets**

Peer to Peer Energy Trading: Professor Furong Li/Dr Seyed Fazeli, CSPD, Bath University

Local energy models: Chris Blake, Energy Local

Maximising value of distributed energy: Alex Howard, head of strategy and analysis, Origami Energy

Panel Discussion: speakers plus Johnny Gowdy, director, Regen and John Batterbee, head of technology strategy and architecture, Energy Systems Catapult

12.15 **Lunch**

13.15 **Business Models for Flexible Generation, Supply and Networks:**

Flexibility markets, Lewis Dale, regulatory strategy manager, National Grid

DNO to DSO: Nigel Turvey, Western Power Distribution

Shared network access: Dr Ran Li and Dr Zhipeng Zhang, Bath University

Panel Discussion

14.45 Refreshments and Networking

15.15 Enabling technologies

Blockchains: Dr Lee Thomas, research associate, Cardiff University

The role of storage technology in the future energy supply: Professor Malcolm McCulloch, Oxford University

The role of storage on the network: Johnny Gowdy, director, Regen

Panel Discussion:

speakers & Anthony Price, Swanbarton and Professor Tim Mays, Bath University

17.00 Networking drinks

17.30 Close