

Democratic, Decentralised and Decarbonised Energy Systems with WPD

13 February

12:30 – 17:30

Room B27, Energy Technologies Building, University of Nottingham Innovation Park, Triumph Road,
Nottingham, NG7 2TU

Agenda

12:30 Registration, lunch and networking

13:30 Welcome and introductions from the chair

Jodie Giles, senior project manager, Regen

14:00 Working with WPD on innovation

Yiango Mavrocostanti, innovation and low carbon networks engineer, Western Power Distribution

Find out more about the latest innovation projects involving communities, and hear about how distribution network operators (DNOs) are becoming distribution system operators (DSOs) and changing to enable more democratic, decentralised and decarbonised energy

Questions and answers

14:30 Interactive workshop

- what the shift from DNO to DSO means to you
- how we can best work together to achieve a more democratic system
- what would you like WPD to support you with in future

15:30 Refreshment break and networking

16:00 Project SCENe

Dr Lewis Cameron, The University of Nottingham and Charles Bradshaw-Smith, SmartKlub
This community energy project in the Trent basin will demonstrate a new model of doing energy and housing more sustainably and equitably. It will include the UK's largest community energy battery (2.1 MW); rooftop and onsite solar; a hassle-free, reduced tariff and benefit-rich shareholder offer to residents; and grid services, energy demand and supply optimisation through a local energy services company. We'll hear about how this innovative new model is being developed by the University of Nottingham in partnership with SmartKlub, Slam Jam, Blueprint and local people, and how the research and development will promote and track social behaviour change and impacts beyond energy.

16:10 Community involvement in local flexibility markets

Ben Aylott, Carbon Co-op

Carbon Co-op are a leading community energy group who have recently won funding from the BEIS Flexibility Markets Feasibility Study Competition. The project will explore the feasibility of an aggregation service based on the value and ethos of the community energy movement. This would be a trusted, citizen owned and controlled model, locally focused, operating on a regional scale and with a national reach, called the Energy Community Aggregator Service (ECAS). The idea is by clubbing together/aggregating domestic loads that this service would be able to use new DNO revenue streams as they start to procure this sort of flexibility.

16:20 Local flexibility market platforms

Rachel Stanley, Open Utility

Open Utility is a software company aiming to make electricity clean, cheap and abundant. They are leveraging the power of online marketplaces to solve one of the biggest challenges facing the energy industry: enabling DNOs to become Distribution System Operators (DSOs). This project will run alongside and complement their commercial peer-to-peer matching solution for energy retailers who want to offer a local supply proposition.

16:30 Panel debate

17:00 Networking drinks

17:30 Close

This event is being delivered in partnership with Regen, Western Power Distribution and Project SCENE at The University of Nottingham www.projectscene.uk