

**Distribution future energy scenarios 2020 – stakeholder
consultation**

10.00-11.30, 20 May 2020

Webinar agenda

Chair: Frankie Mayo, senior analyst, Regen

10.00 Introduction

Frankie Mayo, senior analyst, Regen
Poppy Maltby, senior project manager, Regen

10.05 Network strategy for net zero future energy scenarios

Oli Spink, network strategy engineer, Western Power Distribution

**10.30 Stakeholder consultation and input into the modelling for the Distribution Future
Energy Scenarios 2020**

Ben Robertson, energy analyst, Regen

**11.00 Stakeholder consultation and input into how Regen models future housing and
non-domestic demand growth**

Joe Noble, analyst, Regen

11.15 Next steps and Q&A

11.30 Close

Project summary

To support WPD's strategic network investment planning, Regen has been commissioned to undertake an analysis of various 'future energy scenarios' for the four WPD licence areas – the South West, South Wales, East Midlands, and West Midlands. The project will look at the uptake and deployment of renewable and fossil fuel power generation, energy storage, low-carbon heat, and electric vehicles, as well as analysing planned housing developments. The analysis of different net zero scenarios, informed by detailed contextual factors and stakeholder feedback, will help WPD to plan strategically and invest appropriately in the electricity network.

Towards net zero

This analysis takes an annual National Grid analysis called the 'Future Energy Scenarios' and assesses the deployment of the various technologies at a granular level for each licence area, as well as looking at the specific local factors such as local plans, wind speed, agricultural land, housing density and public transport provision. Each region in Great Britain has unique characteristics and resources, therefore each will see unique deployment of renewable and low-carbon technologies. Previously, National Grid ESO analysed a variety of scenarios, some of which met the emissions targets set out most recently in the 2008 Climate Act. Since last year however, the government has announced a target of net zero emissions by 2050, and therefore this analysis now assesses three different net zero scenarios.

Stakeholder engagement

A key part of this project is engagement and consultation with local stakeholders, from local government, to developers, installers, and community energy groups. Your feedback will directly influence the models and assumptions that are made during this analysis, the results of which will be finalised in the autumn of 2020. During this webinar, you will have the opportunity to ask questions, answer some of ours, and learn how to access and use the data once published.

Project team and contact

Regen and WPD welcome your input at this stakeholder consultation

If you have any questions relating to this overview document or about the project itself, please contact Frankie Mayo, senior energy analyst at Regen on fmayo@regen.co.uk.