

The importance of smart data in the transition to DSO

Prosumers cite smart data and connectivity as key to making a success of energy generation and the transition to DSO. As smart meter usage rises, data is going to increase exponentially – but how should DNOs go about dealing with this?

We surveyed over 300 business and residential prosumers who generate their own electricity in the UK to find out.



Work smarter, not harder



Smart meters and networks can enable the DSO transition by plugging the gaps in energy supply monitoring and understanding.



Smarter infrastructure monitoring is one of the top three requirements from energy providers to improve metering and management, getting them closer to their goal of increasing the amount of renewable energy produced.

33%

said they would buy smarter systems and hardware to increase energy yield from their existing production footprint.

Communication is key



As we move to this more distributed, decentralised system, clearly devices are going to be talking to one another more... we are going to need more and more comms in order to make these levers work.

DNO/DSO Change Management Leader, Energy Provider



of business leaders agree that effective communications infrastructure is critical to creating a more intelligent smart grid approach to energy distribution and management.

Mature renewable producers are more likely to consider communications infrastructure important.

Bi-directional data required



The one problem we tend to have, particularly in old sites, is that we don't have bi-directional data.

Head of Engineering, Electricity Provider



Collecting data on a national scale isn't cheap, so both sides of the partnership need to be ready to financially chip in if the collective goal is to be met.

Find out more

DNOs play a crucial role in shaping the future of energy usage and generation.

For more advice on how to make the most of the transition to DSO, download the full report: DNO to DSO: The new network effect.

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