

**electricity
north west**

Bringing energy to your door



Consultation on Data Sharing Webinar

3 March 2020

Simon Brooke

Acting Head of DSO Transition

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Explain the need
for better quality
network data

Introduce our data
sharing proposals

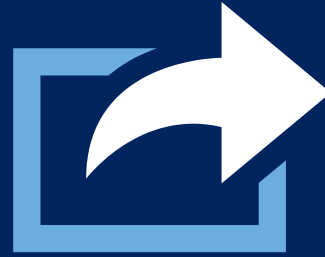
Find out what
you think



Data cleanse in preparation for our new network management system – vital system for future effective management of electricity network



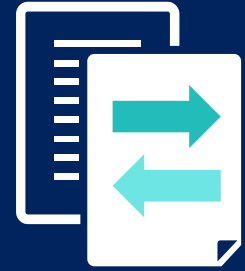
As part of data cleanse, IDNOs contacted to confirm accuracy of data



Electricity networks change over time



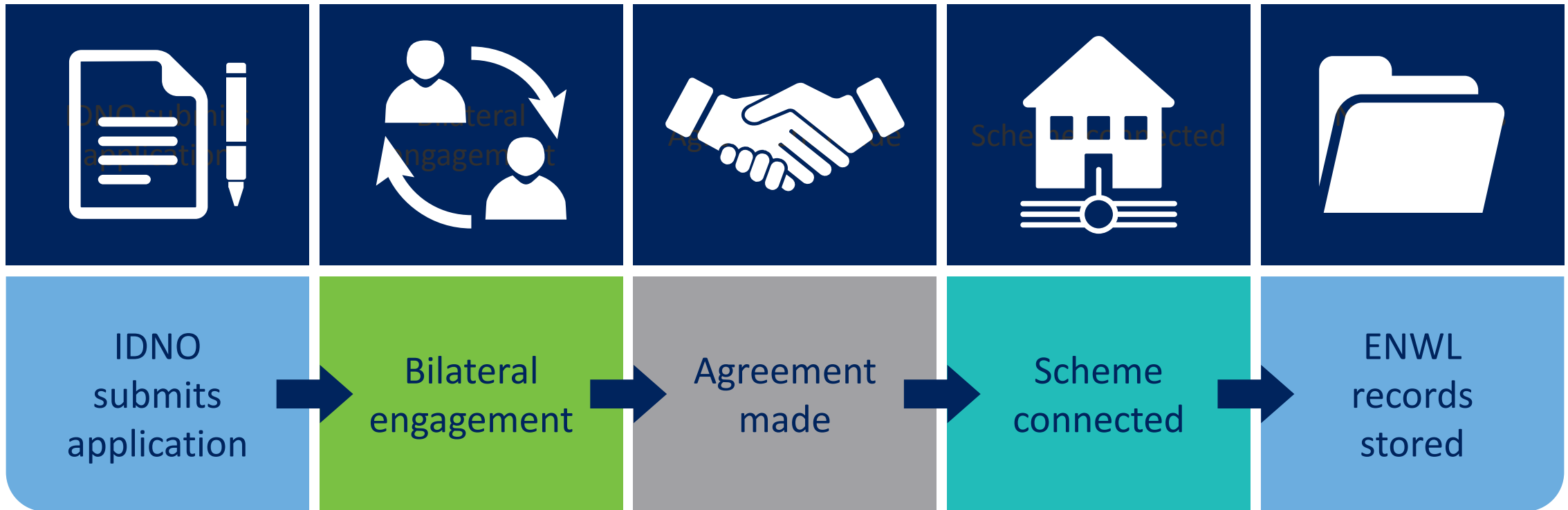
Due to competition in connections relationships with IDNOs can be strained and data is not always shared



Ofgem, BEIS and our stakeholders expect us to be transparent and share our data



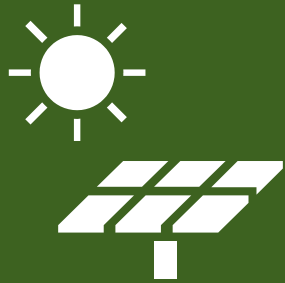
Relationship between IDNOs and DNOs centred around connection



Records only show the state of an IDNO's network at one point in time



The energy sector in the UK is changing, and our processes must change with it



More LCTs connected to the network



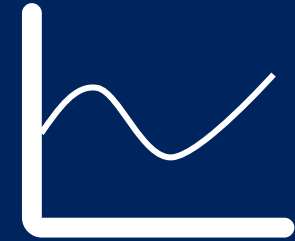
Comparison suggests incomplete network data



Incomplete data means we are unable to take a whole system approach



Our policy allows for connection of micro-generation but we need to be aware of 'clusters'



Incomplete data leads to voltage issues and may impact security of supply

This is the biggest challenge the sector has faced – and we need to work together to tackle it



Data from IDNOs can impact how we prepare for the future



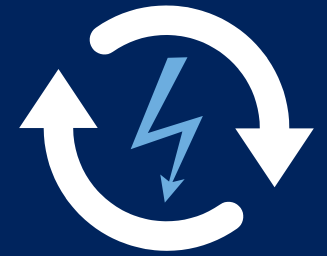
To produce our forecasts we consider customer nos, demand types and generation connected to the network



Although we use assumptions, the more detailed information we have, the greater the potential for accuracy



This allows us to identify where we need to target investment at a local level



Data is also key to maximise opportunities to provide flexible services

What we are doing to help our stakeholders



Heat map tool

Immediate snapshot of the available capacity on our network



Distribution Future Electricity Scenarios

Detailed explanation of our demand and generation forecasts



Stakeholder engagement

Incorporating information from stakeholders into our demand forecasting

We would now like to extend that engagement to IDNOs



IDNOs and DNOs share common interests, including the responsibility to maintain a reliant and efficient distribution system



The relationship between DNOs and IDNOs must evolve if we are to continue to develop a safe, reliable and economically efficient network



We propose a regular data sharing exercise between ourselves and the IDNOs in our area



Data cleanse

Information requested from IDNOs as part of data cleanse relates to current embedded network connections



Validation

We would like IDNOs to validate data in December and June in line with our internal processes



Future growth aspirations?

To provide a robust understanding of future plans which could impact our network, depending on outcome of Ofgem consultation

Benefits of further engagement





www.enwl.co.uk/consultations



Seven questions



Deadline: 13 March 2020



development.plans@enwl.co.uk



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Please contact us if you have any questions or would like to discuss our data sharing proposals