

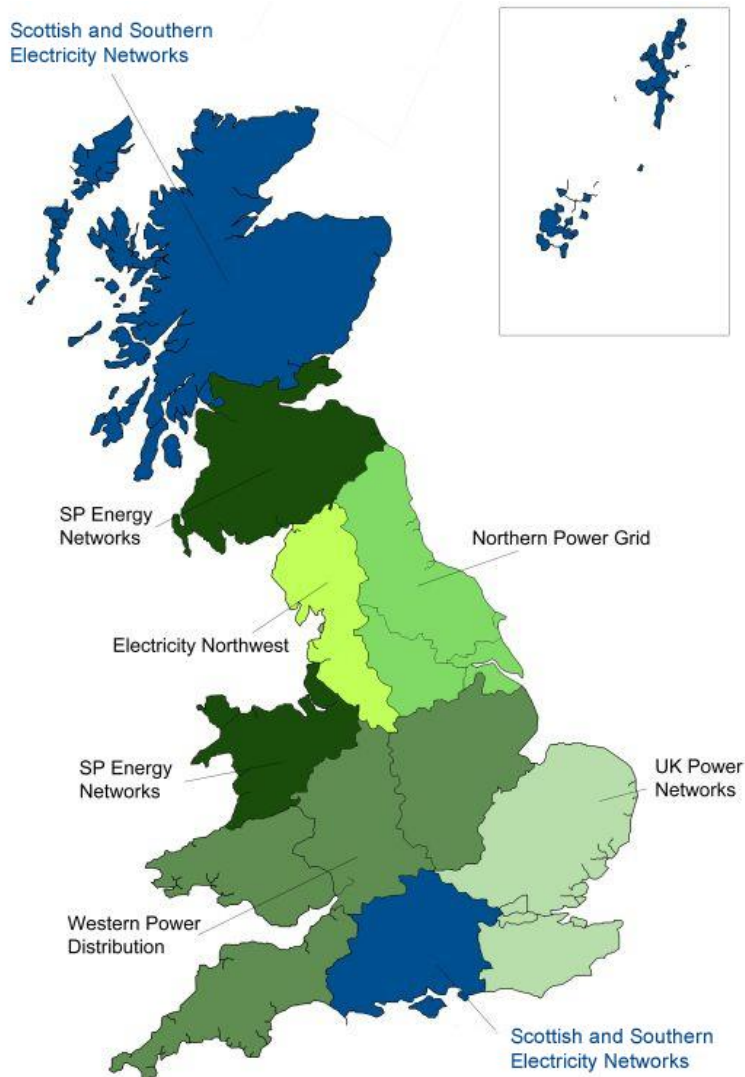
The electricity grid - prospects for change and impacts on local authorities

Anne-Claire Leydier

7 June 2017



The electricity distribution network in GB



Northern Powergrid

- Regulated business
- Owned by Berkshire Hathaway Energy
- 2 licensed business
- 3.9 millions customers
- Typically invests £340m per annum
- ...and £2m in innovation

Drivers for change in the energy system & our innovation priorities



Customer Engagement



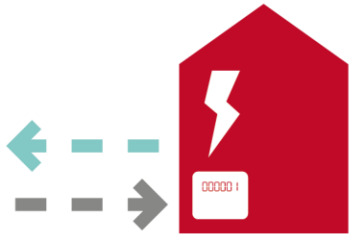
Local and intermittent generation



Electrification of heat & transport



Digitisation



Maximise the value of smart meters



Develop digital services



Deploy smart grids



Address affordability

Principles to guide us through the transformation of the energy system

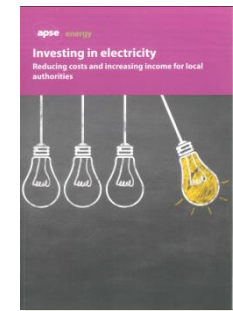
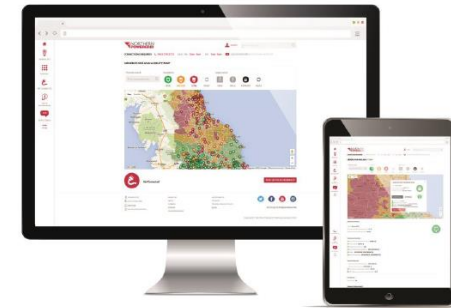
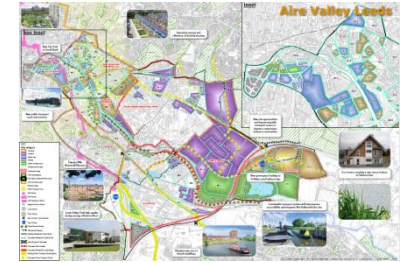


- We support a healthy competitive market
- Security of supply must not be comprised
- Outcomes must be good for consumers as a whole
- Maintain fairness in cost allocation
- Risk and return need to be matched
- Remain vigilant: not all customer groups are equally impacted by changes



Local authorities and the electricity network

- Capacity for new demand
 - Economic regeneration objectives
 - Objectives of air quality (large scale deployment of EV charger)
- Capacity for new generation
 - Enabler and/or investor
- Local energy markets
 - Should, but are not yet, fully enabled to operate over existing network infrastructure



Local energy: Making progress together



Sharing your ambitions, knowing your options - Upcoming event

- “Local supply of electricity”
- Friday 30 June 2017, 10am to 2 pm, York
- Free
- Register on [Community Energy Fortnight 2017](#) webpage

Keeping the conversation going

- Explore your connection options
- Reach out to your DNO
- Engage with the DNO’s innovation work





Contact us on: yourpowergrid@northernpowergrid.com