

SSEN Distribution

# DATA SHARING FOR MORE DYNAMIC ENERGY NETWORKS

10<sup>th</sup> May 2023

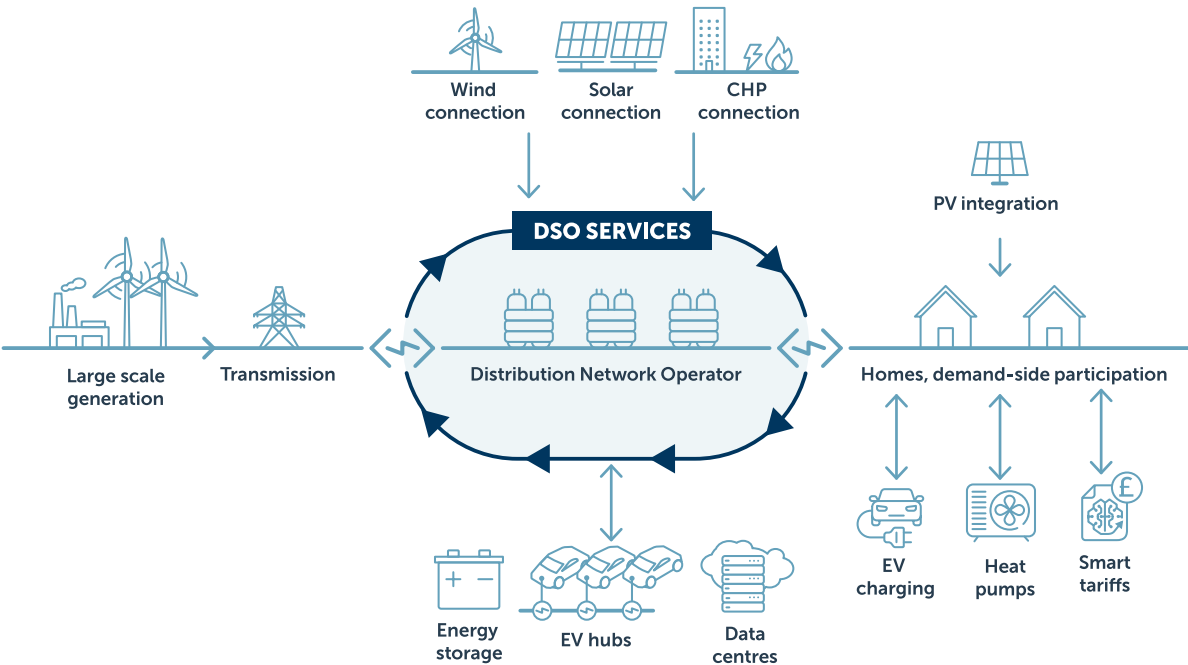


Scottish & Southern  
Electricity Networks



# SSEN AT A GLANCE

*We operate distribution networks in diverse and unique environments at the top and bottom of Great Britain*



Over **3.9 million** homes and businesses served by our networks

Over **4,000** employees across the country

More than **822,000** customers on our Priority Services Register

Over **127,000km** of overhead lines and underground cables

**115,000** substations

**460km** subsea cables powering island communities





# DIGITAL STRATEGY

MEETING STAKEHOLDER NEEDS






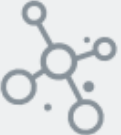












**Scottish & Southern**  
Electricity Networks





# OUR PRINCIPLES

<b>A PARTNERS AND PEERS</b> 	<b>B CUSTOMER EXPERIENCE</b> 	<b>C PLATFORMS AND DATA</b> 	<b>D PEOPLE AND WAYS OF WORKING</b> 
<p> <b>1 Business Model</b> We are becoming a more open, collaborative and flexible business that can cope with constant change</p> <p> <b>2 Ecosystem</b> We want to be a business that thrives on working together via partnerships and easy communication, to solve the big problems as well as the individual customer challenges, and help the journey to Net Zero</p>	<p> <b>3 Customer</b> Understanding what our customers and people we work with want and need helps to deliver a better experience more effectively</p> <p> <b>4 Proposition</b> We will create products and services that meet your needs and deliver them in a way that is easy to find and easy to use</p> <p> <b>5 Channel</b> Enabling you to talk to us, and us to give you updates in easy and convenient ways on the channel that you prefer</p>	<p> <b>6 IT Architecture</b> Improving our IT to make it easier to work with us and help us become more efficient</p> <p> <b>7 Insight</b> Be able to understand and process large volumes of data and turn it into insight we can share with you or use to make better decisions</p> <p> <b>8 Process</b> We will reduce "paper based" processes to make them faster, better and cheaper so it's easier to work with us</p>	<p> <b>9 Organisation and Talent</b> Building new digital skills, sourcing great talent from all potential sources and organising ourselves to deliver change quickly</p> <p> <b>10 Culture</b> Becoming more focused on our customer, and more collaborative</p> <p> <b>11 Method</b> Learning the best ways to work together internally in our business and externally with others</p> <p> <b>12 Risk and Resilience</b> As climate change impacts grow and cyber threats become more complex, we will be resilient to known threats and continuously respond to new risks</p>



A trusted and valued service to customers and communities



A safe and resilient network for our customers and communities



A smart, flexible and sustainable energy system (Net Zero)



Positive impact on society



# ALIGNING OUR STRATEGIES



Our ED2 business plan has been agreed with our regulators Ofgem and commits us to deliver our 4 key goals:



We have explained how we will deliver our strategic objectives in separate strategies each providing extra detail and explaining what you can expect:



You can track our progress and outputs against the commitments we have made in our action plans:



Digital Action Plan

1



DSO Action Plan

2



Environmental Action Plan

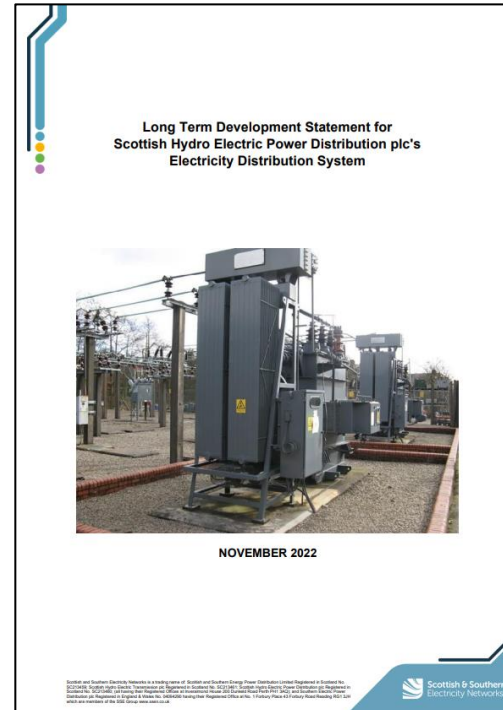
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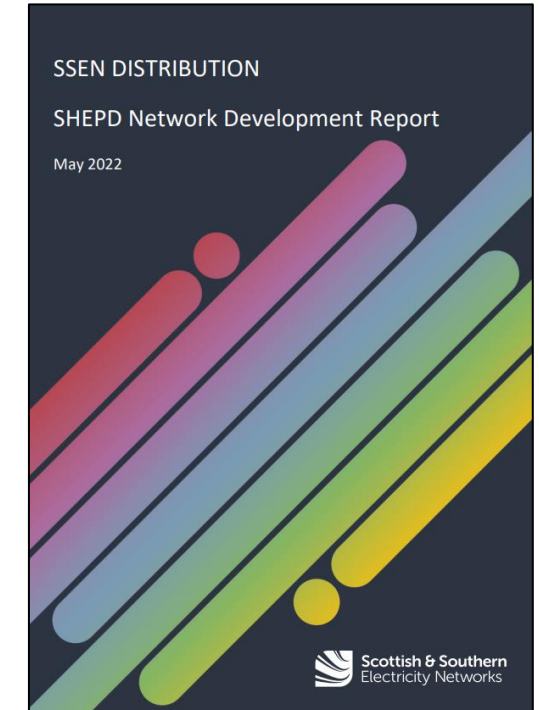
# OPEN DATA - DOCUMENTS



**Distribution Future Energy Scenarios  
(DFES)**



**Long-Term Development Statement  
(LTDS)**



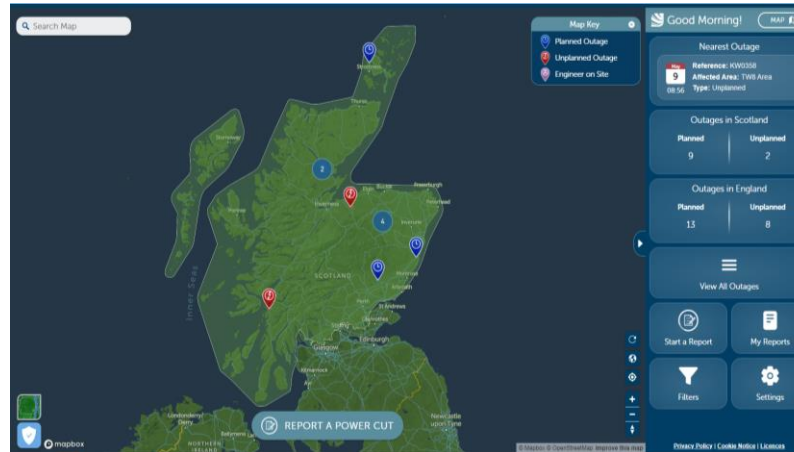
**Network Development Plans  
(NDP)**



# OPEN DATA – VISUALISATION TOOLS



Near Real-time Data Access



Outage Tracker



Connection Heat Maps





# DEVELOPING LOCAL AREA ENERGY PLANS

BUILDING AN ELECTRICITY NETWORK TO MEET NET ZERO AMBITIONS





# LAEP+ TOOL

Bringing Local Area Energy Plans to life





# HIGH-LEVEL RE-CAP

## Strategy

- Strategies set out clear statements of intent
- Provide internal and external stakeholders with an understanding of direction of travel
- Define the goals businesses are aiming to achieve

## Principles

- Set out key workstreams that will enable commitments in the strategy to be met
- Drive the strategic aims into practice and set clear accountability
- Align with the goals set out in the strategy

## Importance of Data Sharing

- Improves Safety
- Provide knowledge transfer
- Drives efficiencies
- Informs investment decisions
- Delivers coordinated approaches