

Delivering legacy benefits through our 2030 Investment Programme

GRID: THE KEY PIECE OF THE NET ZERO PUZZLE

Scotland's electricity networks will play a critical role in the transition to Net Zero, as an enabler of greater home grown, zero carbon energy deployment to deliver Scotland's and the UK's 2030 targets and energy security ambitions.

The North of Scotland is expected to contribute over **15%** of the UK's Net Zero target

We currently have around **9GW** of renewable energy, across technologies, connected to our network

To put the required level of network growth into context, our transmission network in the north of Scotland needs to increase:

x2

by 2025

x3

by 2030

x5/6

by 2045/50

DELIVERING UK AND SCOTTISH ECONOMIC BENEFITS

Investing **£20bn** this decade in new and upgraded network infrastructure

Unlocking **wider economic benefits** by enabling further zero carbon technologies to connect to the grid:

Supporting **over 20,000 jobs** across the UK, including **9,000** in Scotland during peak delivery.

In 2045 Scottish GDP could be **£3.8bn - £6.7bn** higher with CCS technology²

Hydrogen expected to contribute up to **£25bn** to Scottish GVA by 2045²

ScotWind expected to contribute **£28bn** to the Scottish economy⁴

£6.3bn

£2.6bn

Delivering **£6.3bn** in value to the UK economy, **£2.6bn** of which will be in Scotland¹

LOCAL AND REGIONAL BENEFITS

Initial **£10m** community benefit fund with ambitions for **£100m** of community benefit funding for 2030 projects

Ambition to contribute to development of **200** properties, which following completion of projects, will support local housing requirements

Across all new projects we will deliver at least **10% Net Gain in Biodiversity** and **no net loss of woodland**

Delivering **sector leading, first of its kind**, marine biodiversity research

CREATING GOOD, GREEN JOBS



Commitment to create **400 new jobs** over the next 12 months

At least **100** of the **400** new roles this year will be in early careers



SSEN Transmission headcount

128 employees who have joined SSEN Transmission in the past two years have transitioned from a High Carbon role

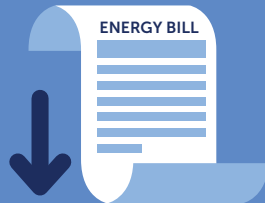


SPREADING WEALTH TO LOCAL SUPPLY CHAINS

REDUCING ENERGY BILLS



Strengthening home grown energy security and reducing reliance on volatile and often expensive foreign imports



Relieve constrained energy costs and contribute to reducing energy bills. Every **£1** invested in the transmission network will remove **£4-6** in constraint costs for consumers⁴



If these projects are delivered on time, electricity consumers will see a net benefit of up to **£2.1bn** through carbon savings and a reduction in constraint payments - turning off electricity generation that cannot be transported to where it will be used.⁵

Working with our **supply chain** to include local spend as a requirement for project delivery, **supporting local businesses and jobs**. Commitment to deliver at least 25% local contract spend

IMPROVING ELECTRICITY SYSTEM RESILIENCE

Supporting **local decarbonisation**

Increased grid capacity, flexibility and system resilience which will power **10m homes** with clean, green electricity

¹Analysis from Biggar Economics

²Scottish Government's Draft Energy Strategy and Just Transition Plan

³Scottish Government's Draft Energy Strategy and Just Transition Plan

⁴Analysis by Baringa

⁵OFGEM decision on accelerating onshore electricity transmission investment

