

SSEN Transmission East Coast 400kV OHL Upgrade Public Meeting

26 July 2023



Scottish & Southern
Electricity Networks

TRANSMISSION

Who We Are: SSEN TRANSMISSION

- **We are responsible for maintaining and investing in the electricity transmission network in the north of Scotland.** Our network extends over a quarter of the UK's land mass, crossing some of its most challenging terrain.
- **Our first priority is to provide a safe and reliable supply of electricity to our communities.** We do this by taking the electricity from generators and transporting it at high voltages over long distances through our transmission network for onwards distribution to homes and businesses in villages, towns and cities.
- **Our operating area is home to vast renewable energy resources, and this is being harnessed by wind, hydro and marine generation.** Working closely with National Grid ESO, we enable electricity generators to connect to the transmission system, allowing the electricity generated by them to be transported to areas of demand across the country.
- **As a natural monopoly, we are closely regulated by the GB energy regulator, Ofgem,** who determines how much revenue we are allowed to earn for constructing, maintaining and renovating our transmission network in the north of Scotland. These costs are shared between all those using the transmission system, including generation developers and electricity consumers.



Project overview

The growth of generation in the SSEN Transmission area has triggered the need for an upgrade to the East Coast transmission network.

The East Coast 400kV overhead line upgrade project will play a key role in reinforcing the network in the region and support the connection of renewable energy projects, supporting growth as part of the green economic recovery and the journey to net zero emissions.

The works consist of re-insulation and re-conductoring of overhead lines between Kintore, Fetteresso, Alyth and Kincardine (in Scottish Power Transmission's area).

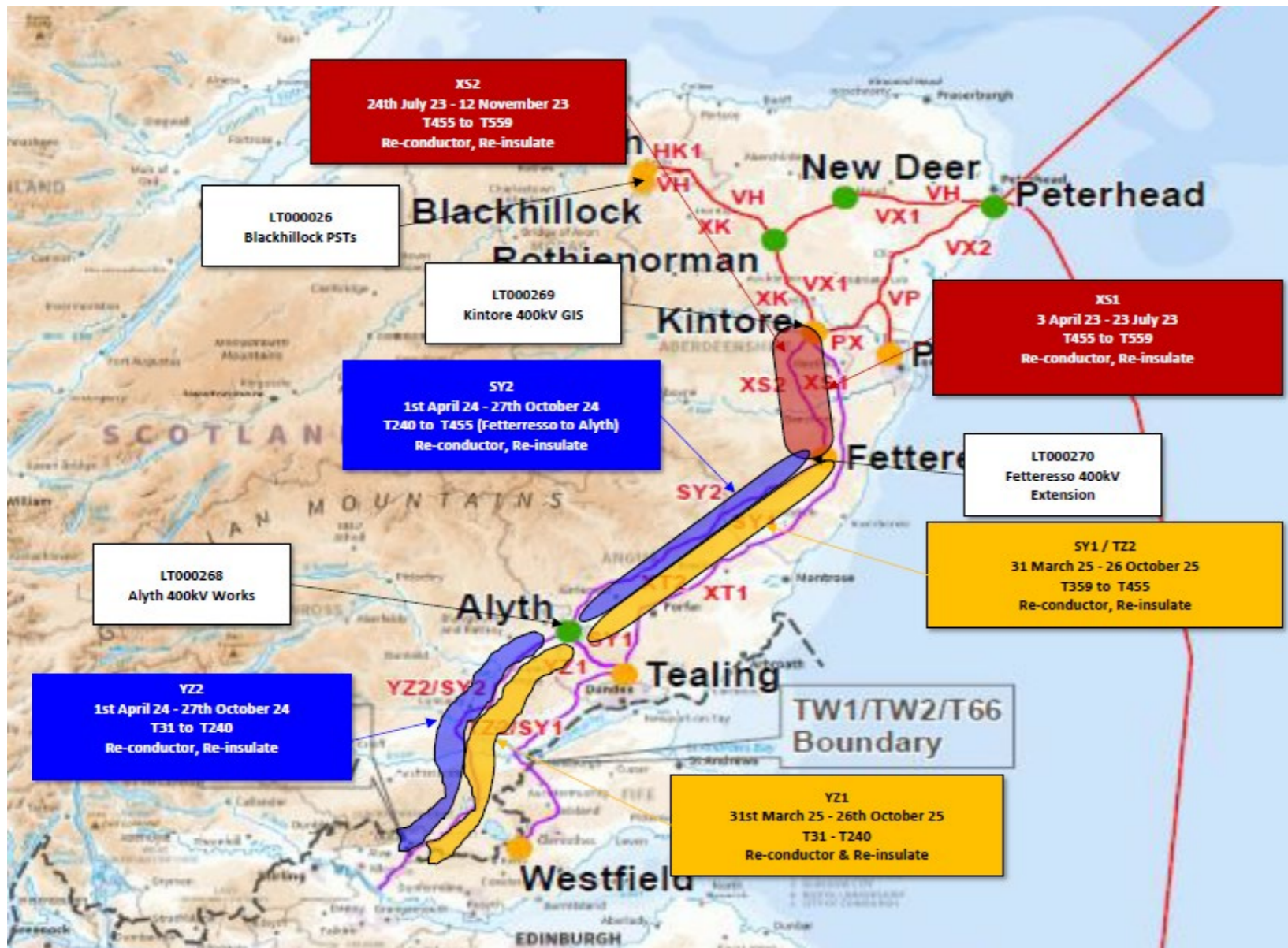
Access works commenced in February 2023 with re-conductoring due to start in April. However due to the presence of breeding Goshawks near the OHL route the works were delayed whilst we re-sequenced the programme. Works recommenced in May 2023 and are now progressing well.

Works to upgrade the foundations of a number of towers is also progressing well with 31 of 114 now complete.

On completion of our works the compound in Edzell will be reinstated.

East Coast 400kV OHL Upgrade

Scope Map

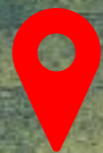


Balfour Beatty

SSENT Principal Contractor



TRANSMISSION



Yard



B966

A90 North
←

A90 South
→

TM Points to Cover

- Safety of all road users at the forefront of using TM to allow flow of traffic on single track roads with lack of passing places – agreed with by the Council
- Early stages of planning for upgrading field access points to act as passing places ahead of the refurbishment wiring works in 2024/25 – on U411 and U420
- Local access clarification – for those that live within access and where agreed
- Liaising with public daily to come up with solutions - Complaints taken on board and TBTs actioned accordingly
- Additional signage to support events/ businesses being displayed
- Road closures lifted in evenings & weekends
- Masternaut tracking system are fitted on all wagons – internal & external – verified no speeding from suppliers

Balfour Beatty
Speeding Awareness
Toolbox Talk: OPS-TB-0266h

TOOLBOX TALK

DRIVING FOR WORK

This document is to be used to brief drivers on the dangers of exceeding speed limits. Driving is the most dangerous work activity that you as a driver will do, and it contributes to far more work-related accidental deaths and serious injuries than all other work activities. Unfortunately, all drivers face road risks on the road whilst carrying out their duties, they can also create risk for everyone else on the road.

Inappropriate Speed

At higher speeds, there is less time to identify and react to what is happening, it takes longer to stop and impacts are more severe, causing more serious injuries to vehicle occupants and others. Higher speeds also magnify other driver errors such as tailgating or driving tired or distracted. Drivers that speed, crash more often than those that don't. they are also more likely to commit other driving violations.

Speed Awareness

- Ensure you stay within the speed limits for the road.
- Be aware of any lower limits that may affect your commercial vehicle.
- Driving slower and with the speed limits gives you more thinking and reaction time.
- Driving slower improves stopping distances
- Its more economic and puts less stress on your vehicle.
- Speed limits are not a target

Goods vehicles not exceeding 7.5 tonnes maximum permitted weight 10t if authorised to carry

1 REFER TO THE COMMERCIAL VEHICLE DRIVERS HANDBOOK FOR FURTHER GUIDANCE





Edzell Men's Shed

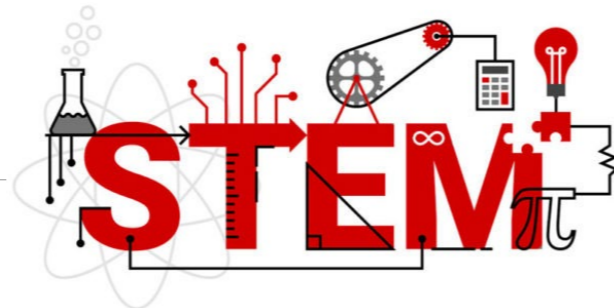
204 likes • 220 followers



Supporting work placements - Aberdeenshire

- Balfour Beatty East Coast 400v project team hosted 5th year Inverurie Academy pupil Kirsty Maclachlan on a one week work placement in July 2023.

Balfour Beatty



Key Contact

Lead Community Liaison Manager – Louise Anderson



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Questions



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