

Inveraray – Crossaig Project

Inveraray Community Council

02 October 2019



Scottish & Southern
Electricity Networks

About the project

The aim of the project is to reinforce the existing transmission network in Argyll and Kintyre by replacing the overhead electricity transmission power line that runs between Inveraray-Crossaig, which was installed back in the 1950s and is reaching the end of its operational life. This will ensure security of supply and improve performance which will enable access to the electricity network for renewable generation development.

The main elements of the project are as follows:

- Construction of a new 80km 275kV overhead line, initially operating at 132kV between Inveraray and Crossaig
- Extend the existing connection from Port Ann to the new overhead line
- Decommissioning and removal of the existing 132kV transmission line between Inveraray and Crossaig

Construction of the project will take place in 2 phases:

- Phase 1 – Inveraray – Port Ann – 2019 – 2021
- Phase 2 – Port Ann – Crossaig – 2021 – 2024

To accommodate future increases of renewable generation, we will require to increase the operating voltage from 132kV to 275kV. The new towers therefore need to be taller which means an increase in the distance between each tower.

On average the existing 132kV towers are approximately 26 metres high with a span of 220 metres, giving a total of 384 towers between Inveraray and Crossaig.

The taller 275kV towers will be on average 46 metres high with an average span of approximately 320 metres. As a result of this, the total number of towers required has dropped to 273, around a 25%-30% reduction.

Construction Programme

- Bellmouths – Oct/Nov 19 inc. Bushang and Dalmally Road
- Access roads – Oct 19 – Summer 20
- Foundations – Oct 19 – Oct 20
- Tower assembly – Feb 20 – Nov 20
- Wiring – Jul 20 – Feb 21
- Energise Spring 21
- Dismantle existing 132kV line – Spring/Summer 21

Traffic Management

There are 8 bellmouths to be improved between Inveraray and Lochgilphead. 2-way traffic lights required, with safety of workforce and road users the key consideration.

Local area:

- Bushang (just north of Inveraray Bridge)
- 2 on south side of Dalmally Road

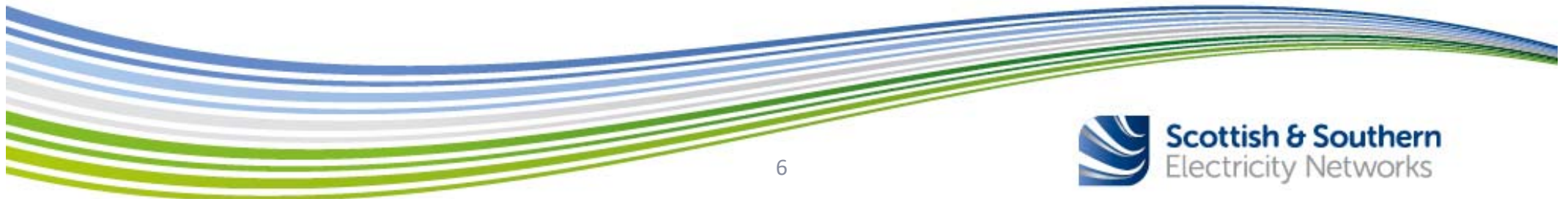
All are expected to be completed in October/Early Nov 19

Across Winter you will notice an increase in HGV movements locally

Overhead Line Construction

David Nevin – Balfour Beatty Project Manager

Balfour Beatty



Access Installation



Access Installation



Foundation Installation



Foundation Installation



Tower Assembly & Erection



Piloting



Wiring



Wiring



Project Communications

Activity	Timescale	Action
Regularly update project web page	As required	<ol style="list-style-type: none"> 1. The website will be under continuous review to ensure construction activity in local areas is well communicated. This will be particularly utilized to advise of construction traffic. 2. During each phase of construction, any relevant frequently asked questions will be updated and issued via the project webpage and/or email update to registered stakeholders
Send out press release to local press (regional and national if enough interest)	Pre-construction September 2019 (then as required by activity)	<ol style="list-style-type: none"> 1. Include info on construction starting, next steps 2. Place on news and views and share with social media team
Engage with local community councils	Pre-construction September 2019 (then as required)	<ol style="list-style-type: none"> 1. Offer to attend Community Council meetings prior to construction activity within the region. 2. Offer to set up Community Liaison Group where required
Send follow up communications to stakeholders and those that provided contact details at events to inform of plans	Pre – construction August/September (then as required)	<ol style="list-style-type: none"> 1. Provide update to relevant stakeholders including those who have sign posted their interest, set up meetings where required
Keep stakeholders updated on key milestones during construction	Ongoing	<ol style="list-style-type: none"> 1. Deliveries, road works etc – will need to be managed carefully from a community and media perspective 2. Issue periodic newsletters, if required
Positive engagement opportunities- meet the buyer events, community volunteering etc.	Ongoing	<ol style="list-style-type: none"> 1. Team to seek volunteering opportunities within proximity of the project 2. Identify opportunities for school visits/careers fairs 3. Consider stand at agricultural shows and all other opportunities to help communicate the project



Keep up to date:

Visit the project website and sign up for updates:

<https://www.ssen-transmission.co.uk/projects/inveraray-crossaig/>

Contact the Community Liaison Manager:

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Questions?



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