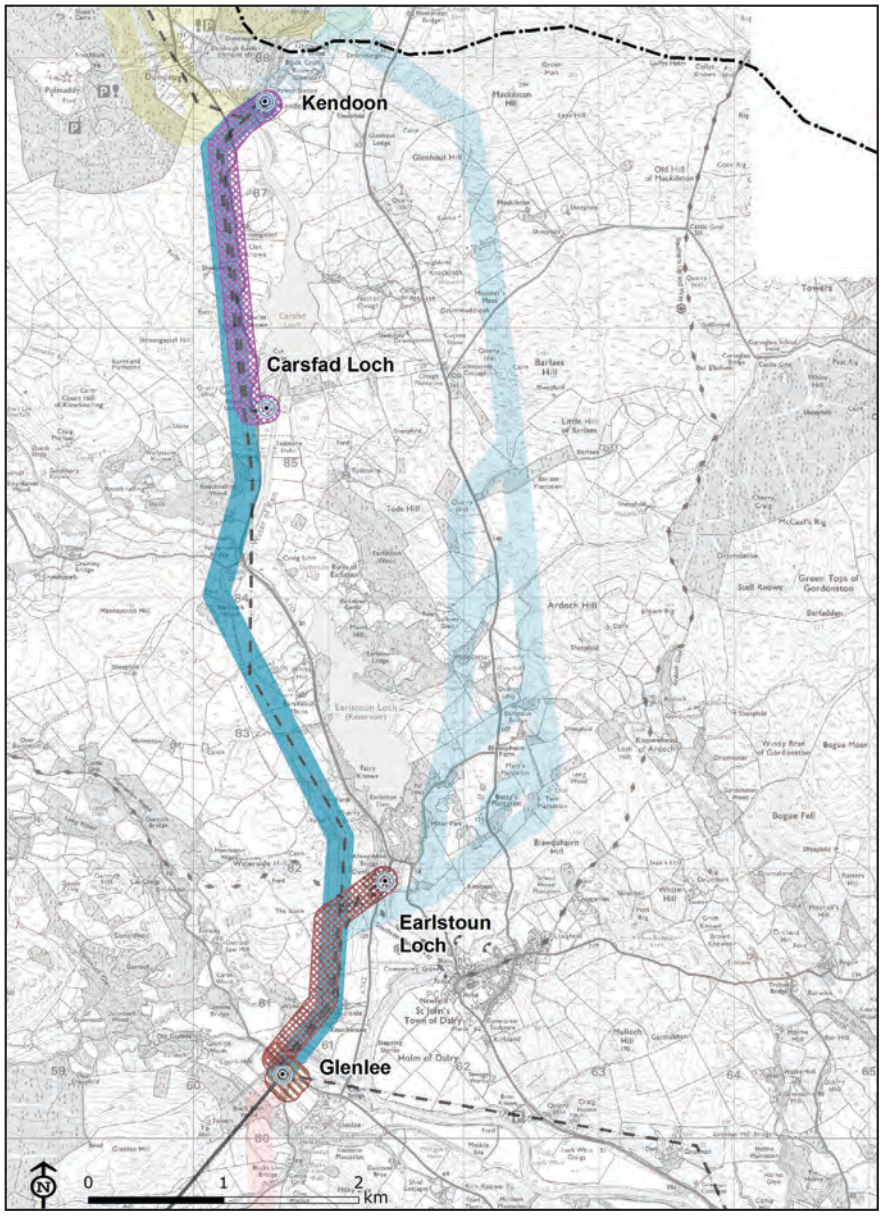
Kendoon to Tongland 132kV Reinforcement Project



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Key

- Substation and hydro electricity generating station
- Carsfad to Kendoon preferred route
- Earlstoun to Glenlee preferred route
- Earlstoun to Glenlee underground cable preferred route
- Kendoon to Glenlee preferred route
- Kendoon to Glenlee alternative routes considered
- Existing 132kV overhead line to be removed
- New 132kV wood pole line currently under construction
- Existing 132kV overhead line to remain

Zone B: Kendoon to Glenlee

This zone requires three new 132kV overhead lines. One will be supported on steel towers. The other two will be supported on wooden poles.

At the moment the three existing 132kV overhead lines consist of single and double circuits supported on PL1 steel towers with a standard height of 20m. They will be replaced by:

- A new double circuit 132kV overhead line between Kendoon and Glenlee supported on L7 steel towers with a standard height of 27m;
- A new 132kV overhead line between Carsfad and Kendoon on wooden poles with a standard height of 15m; and
- A new 132kV overhead line between Earlstoun and Glenlee on wooden poles with a standard height of 15m.

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Kendoon to Glenlee: We identified six possible routes for the new 132kV overhead line on steel towers. Our preferred route follows the existing line south along the western slopes of the Glenkens Valley before turning south-west near Knocknalling Wood. It rejoins the existing line near Glen Strand before heading across the mid-slopes of the Glenkens Valley, through Hag Wood and across Coom Burn into Glenlee substation.

Carsfad to Kendoon: Only one possible route was found for this new 132kV overhead line, which will be largely on wooden poles. It heads west from Carsfad hydro power station across the A713 then turns north across the western slopes of the Glenkens Valley. At the head of Carsfad Loch it crosses the A713 towards the Water of Ken, before transferring to steel towers to cross the Water of Ken into Kendoon substation.

Earlstoun to Glenlee: Only one possible route was found for this new 132kV overhead line, which will be largely on wooden poles. It heads south-west from Earlstoun hydro power station and then turns south, following the route of the existing overhead line through the Glenkens Valley. It then heads south-west through Hag Wood and over Coom Burn. Next to Glenlee substation, the line transfers to an underground cable along a minor road and into an extension to the substation.

You can see this information in more detail in our Routeing and Consultation document, elsewhere on this website.