

Project Overview

The Glenhead project is located on land approximately 2.5km from Limavady. The site is currently used for agricultural purposes.

The proposed project will comprise of up to 80MW of clean, low-cost solar generated electricity and an energy storage system of up to 100MW to help increase the flexibility and generation opportunities of the site.

The project is being specifically designed to be dual-purpose, combining continued agricultural use through sheep grazing and renewable electricity generation with solar panels.

We are exploring two ways in which energy storage could work on the Glenhead Solar Farm. Hybrid storage would enable the solar farm to store excess generation then release it back to the grid network during times of no or low generation from the solar farm.

A standalone Battery Energy Storage System (BESS) could also be designed as part of the project, which would form part of the grid network. The BESS would store electricity generation from other sources, as well as from the solar farm, and then release it back to the network when demand exceeds generation

Connection to the grid network can be achieved via the existing 110kV transmission overhead lines, which cross the site, and run between Coolkeeragh and Limavady/Coleraine. The project proposes to connect into these overhead lines.

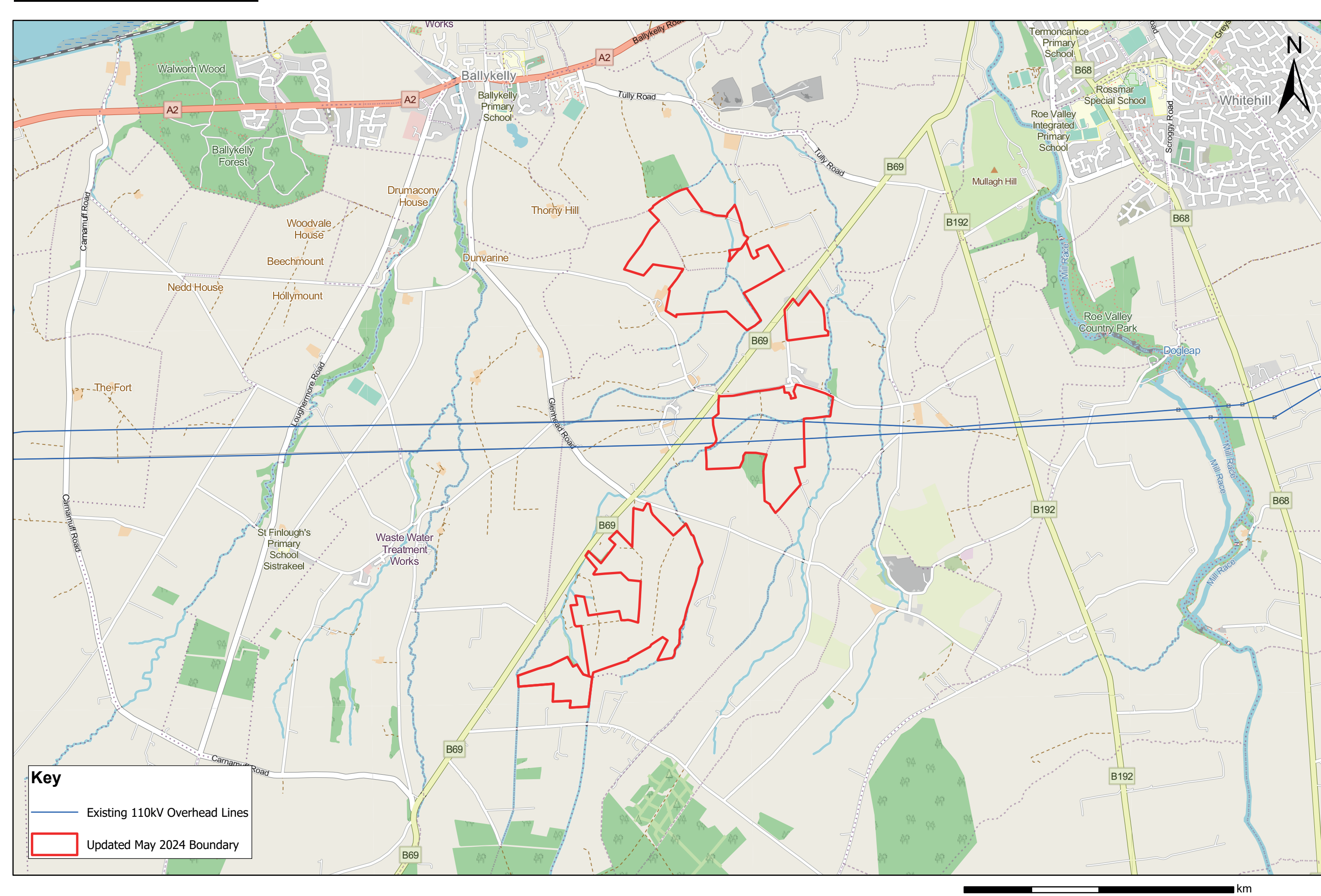
The site is not expected to exceed approximately 195 hectares including all infrastructure, site tracks, landscaping and substation compound.

The Glenhead proposal will have an installed generating capacity greater than 30MW. As such, the application for planning consent will be submitted by RES to the Strategic Planning Directorate Department for Infrastructure (DfI). Causeway Coast and Glens Borough Council will be a statutory consultee in the process. We currently expect to submit the planning application in Summer/Autumn 2024.

An Environmental Statement will be submitted as part of the project's application. This will report the findings of a comprehensive Environmental Impact Assessment (EIA) which DfI will take into account when deciding whether or not to grant consent.

We are still consulting on the site boundary and as such, it is subject to change.

Site Location Plan



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Glenhead Solar Farm Proposal

glenhead-solarfarm.co.uk

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