



Killymallaght Battery Energy Storage System

Proposal

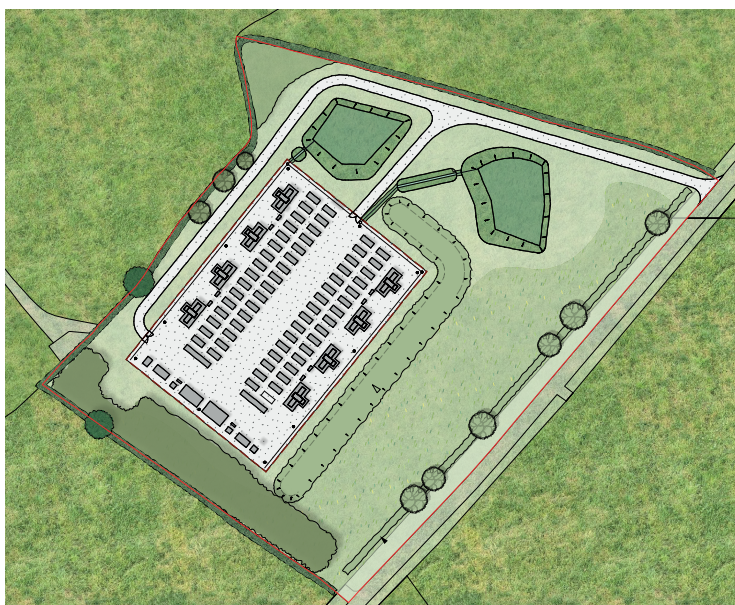
RES has now submitted a planning application for the Killymallaght Battery Energy Storage System (BESS), on land close to the Killymallaght substation, in the townland of Disertowen, approximately 2.5km southeast of Newbuildings, Co. Derry/Londonderry.

Killymallaght BESS has been through a detailed design process and feedback from stakeholders and the local community, along with the results of site surveys have helped to shape the final design.

This newsletter provides further information on how you can view the planning application. We have also provided further information on landscaping and surface water management, as mentioned in our March 2024 newsletter.

Landscape and Visual

As shown in the plan below, additional landscaping is proposed than shown on our preliminary design, in response to feedback.



Measures within the detailed landscape proposal include:

- Existing field boundary vegetation, such as hedgerows and hedgerow trees, would be retained and enhanced through additional planting and improved management to maximise their landscape (screening) and biodiversity benefits;
- Planting along the length of the south-western boundary;
- An area of tree planting, on the south-western edge, to create a shelter belt of trees and woodland;
- The creation of a screening bund to the south-east, east and northeast to provide visual screening;
- Proposed scrub planting across the earth mounding to add further to the visual screening whilst also enhancing biodiversity;
- Grassland areas subject to a programme of enhancement through seeding with appropriate grassland mixes, also contributing to biodiversity enhancement.

Flood Risk and Surface Water Management

A Flood Risk and Drainage Assessment has been undertaken - incorporating sustainable drainage systems (SuDS) best practise principles, to ensure no significant impacts are created by the development. This assessment accompanies the planning application.

An infiltration strategy has been chosen as the most appropriate surface water management system. To ensure the water quantity and volume are suitably managed back to pre-development rates, attenuation and interception will be provided. Surface water flows will be collected by a series of drains, swales and pipes before discharging into two attenuation basins.

Biodiversity

RES takes the protection of the environment and surrounding area's ecology seriously and an Ecological Impact Assessment forms part of the planning application to ensure that any potential impact on the environment and ecology is appropriately assessed and mitigated, where necessary.

Through planting measures proposed as part of the Killymallaght BESS proposal, a Biodiversity Net Gain (BNG) of 38.71% in habitat units could be achieved and a BNG in hedgerow units of 56.42%. The project could also create watercourse units, a new habitat type for the site. Whilst there is currently no statutory targets for biodiversity protection, restoration or enhancement in



Northern Ireland, this exceeds standards in other parts of the UK and is considered to be a significant potential increase in biodiversity at the site overall. Further information can be found in the Ecological Impact Assessment.

Planning Application

The planning application and accompanying documents, can be viewed in a number of ways.

The application can be viewed online on the Northern Ireland planning portal at

<https://planningregister.planningsystemni.gov.uk/simple-search>. The planning reference is LA11/2024/0759/F.

Additionally, the planning documents can be viewed and/or downloaded from our dedicated project website -

www.killymallaght-energystorage.co.uk/

A statutory consultation period will be advertised and held by Derry and Strabane District Council to enable the public, as well as statutory consultees, to submit their comments on the proposal. These comments will then be assessed against the proposal and a determination made in due course.



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