

Project overview

The proposed Bishops Dal Energy Storage site is located on land adjacent to Eccles Substation between Eccles and Coldstream. The site is currently used to grow livestock feed.

The compound area containing the battery containers, substation and associated infrastructure, is not expected to exceed 2.4 hectares and the site lies outside of any international, national or local environmental designations.

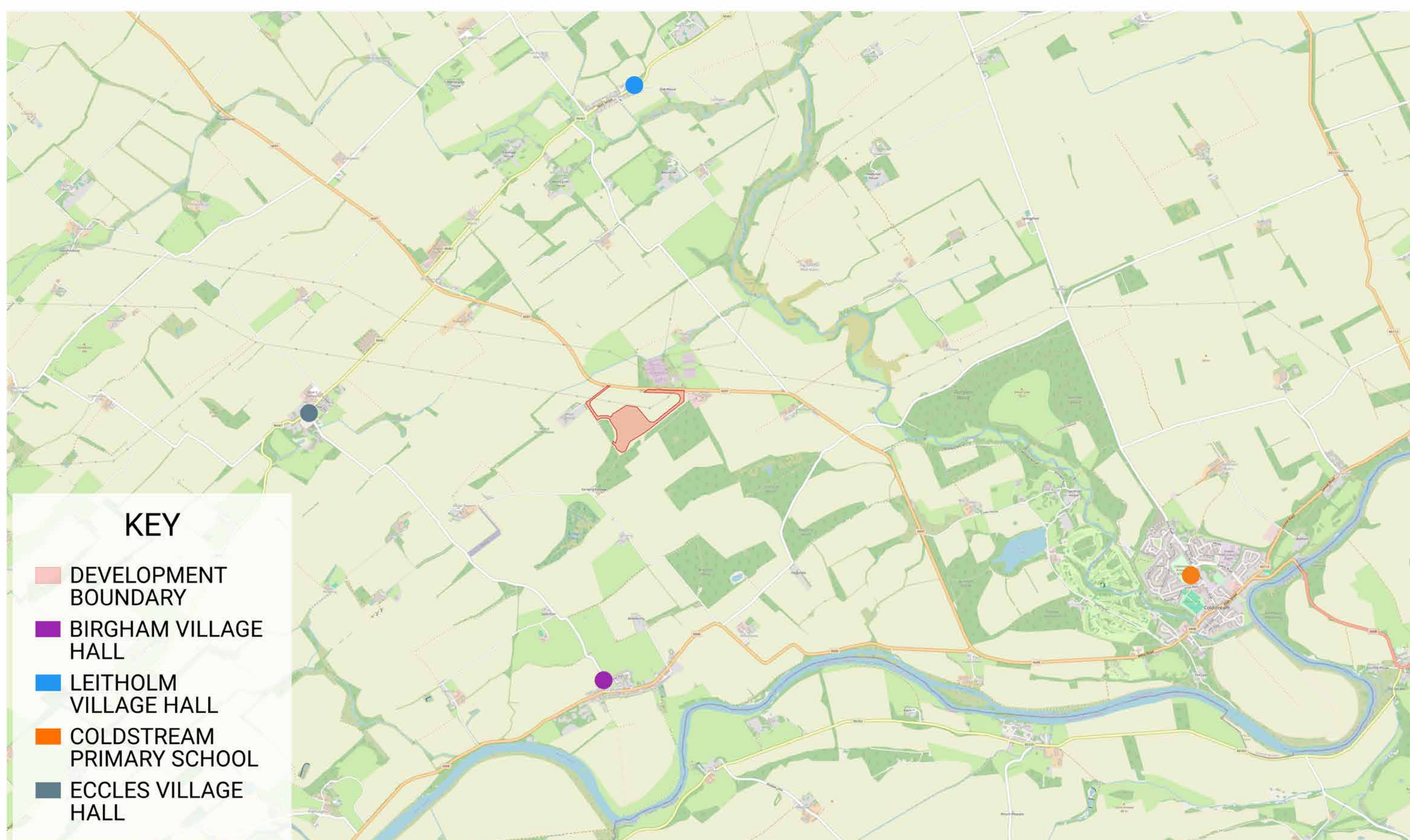
If consented, the project would connect directly into the Eccles substation.

Design evolution

Various design reiterations have been undertaken throughout the development phase. These have been influenced by the existing site constraints, such as the overhead power cables, and situational constraints such as reducing land take to ensure potential impacts are minimised and enable farming to continue on the remaining areas of the field.

Like most energy storage systems of this size, the Bishops Dal energy storage proposal would not be directly linked to an electricity generating station. The project would be connected directly to the wider grid network and the frequency and timing of when the system charges and discharges is therefore dictated by the status of the grid network. The energy storage system will be utilised by National Grid to balance peaks and troughs in energy demand and generation.

The site has been chosen predominantly due to its proximity to Eccles Substation. A larger 400MW project called Paxton Dal was previously considered, however, it was felt that, considering the developments in the wider area, a 400MW project was too large and would have led to adverse impacts. As such, the 150MW Bishops Dal project has been developed in its place.



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

Bishops Dal Energy Storage Proposal

bishopsdal-energystorage.co.uk

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