

Castle Road Battery Storage

Community Newsletter: February 2025

Castle Road Battery Storage is a proposal for a Battery Energy Storage System (BESS) and associated infrastructure, with a proposed storage capacity of up to 440MW.

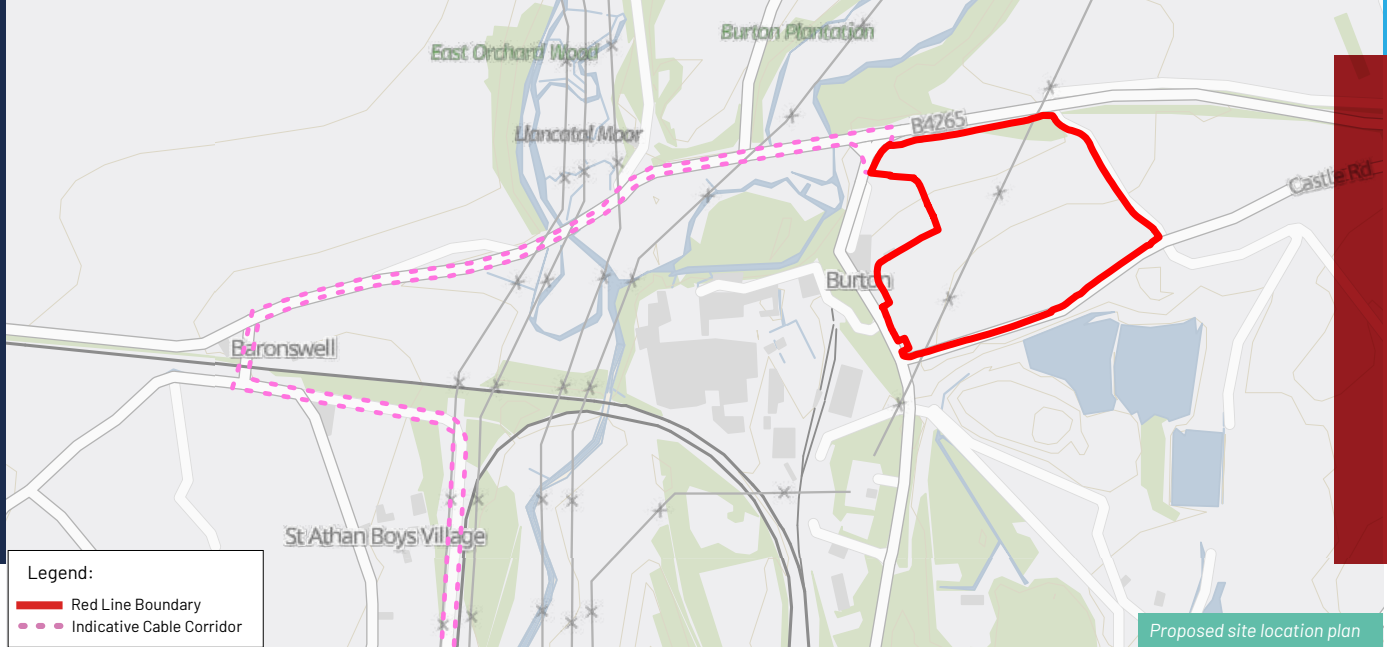


Scan the QR code to view the project website, draft planning application, consultation materials and provide feedback.

To find out more request a call back from the team on 07493 060539 or visit www.castleroadbatterystorage.co.uk



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ENERGY**
A subsidiary of Canadian Solar



Project overview

The proposed development is to be located on land north of Castle Road, Burton, Rhose requiring a planning application to be submitted to Vale of Glamorgan Council.

The proposal consists of a development area of approximately 8.5 acres (3.4 hectares), with the area within the red line boundary being approximately 26 acres (10.5 hectares).

A grid connection has been secured with National Grid Electricity Transmission (NGET). It is proposed to connect to the substation via underground cable.

The battery storage development would consist of approximately 168 battery storage units, the size of a typical storage container. There will also be access tracks within the site for construction and operational purposes, and deer fencing around the perimeter with inward facing infrared CCTV and motion detection lighting for security. Landscaping will also be incorporated into the proposals to provide mitigation, screening, and biodiversity enhancement.

Battery storage has an important role to play in supporting the decarbonisation of our energy supply as it provides a balancing mechanism to reduce the risk of power shortages, blackouts and optimises the use of renewable energy generated. In periods when electricity supply outweighs the demand, the proposed development would provide the capacity to store electricity, which would otherwise be wasted. It will then return electricity to the national grid when baseload supply falls below the level of demand and there would otherwise be an electricity shortage.

National Grid have stated that "battery storage systems will play an increasingly pivotal role between green energy supplies and responding to electricity demands".

Planning Policy Wales (PPW) identifies that "energy storage has an important part to play in managing the transition to a low carbon economy. The growth in energy generation from renewable sources requires the management of the resultant intermittency in supply, and energy storage can help balance supply and demand. Proposals for new storage facilities should be supported wherever possible."

Future Wales: The National Plan 2040 outlines that achieving decarbonisation and climate-resilience are one of the key national priorities for Wales. The recently published National Policy Statement for Energy states battery storage should be considered a critical national priority.

Consultation

We are commencing consultation and would like to invite you to attend a drop in public exhibition at **Rhose Community Centre, Stewart Road, Rhose, CF62 3EZ** on **13 March 2025** from **1pm to 7pm**.

If you would like to attend, please register your interest at info@castleroadbatterystorage.co.uk

Alternatively, the project website www.castleroadbatterystorage.co.uk provides further information on the proposal, hosts the draft planning application, consultation materials and project plans. Here you can also provide feedback and register for project updates.

Let us know your views

We want to hear your feedback on our proposal. You can send us your thoughts via any of the channels listed below:

-  Feedback forms are available at the public exhibition and online at www.castleroadbatterystorage.co.uk
We will also post hard copies upon request
-  Written feedback can be sent to info@castleroadbatterystorage.co.uk
-  You can post your feedback to **FREEPOST PC CONSULTATION** (no stamp required)
-  Register your views or request a call back from the communications team by calling **07493 060539**
-  Complete the online form and register for project updates at www.castleroadbatterystorage.co.uk

The closing date for comment is **27 March 2025**



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