

PROPOSED BATTERY ENERGY STORAGE SYSTEM (BESS)

Great Roseveth,

Tregavethan,

Cornwall

TR4 9ES



ELGIN
ENERGY

Introduction

Elgin Energy EsCo Ltd is seeking to develop a battery storage system at Land South of Penrose Water Gardens, Tregavethan, Cornwall, TR4 9ES. We are seeking your views on this proposal ahead of submitting a planning application to Cornwall Council. The red line on the map to the right indicates the site boundary.

Project overview

The proposed site is on Land South of Penrose Water Gardens, Tregavethan, Cornwall, TR4 9ES. It is approximately approximately 650m southwest of the village of Shortlanesend, 1.6km west of the village of Tregavethan and 3.5km northwest of Truro. Access to the site will be from the Tregavethan Road, via the A30 then the B3284 Road.

The proposed project covers approximately 9 acres and will accommodate approximately 100megawatts (MW) MIC of standalone battery storage. A project lifetime of 50 years is proposed.

The proposed project will allow the storage and release of energy for the entire grid, contributing to local and national energy targets with additional benefits including:

- Smoothing out the delivery of variable or intermittent resources such as wind and solar, by storing excess energy when these renewable sources produce excess energy and delivering it when they are not.
- Ensuring reliability and resilience of connection, by providing backup power during disruptions.
- Battery storage is a key enabler of net zero. The electricity system needs to be fully zero carbon to reach our net zero targets, and battery storage is a source of clean, flexible capacity.
- It can provide locational benefits. Battery storage can provide local system services to distribution network operators to help manage the local grid, bringing down costs for consumers in that region.



Public Consultation

Engaging with our host communities will be vital to the success of this carbon-saving facility. We would like to hear your views on the proposal and how it might benefit not only the wider environment but its immediate surroundings.

We would like to invite you to complete the survey provided on the website below. This will help us understand your views on renewable energy and will give you a chance to suggest how the development can best be made to work for the good of the community.

This consultation will run for three weeks. Following this, we will review all comments and make any amendments deemed necessary before the application is formally submitted. Once the application has been submitted, there will be a further opportunity to comment on the scheme.

A dedicated project website has been created to share information and to facilitate online feedback and comments via a digital version of the enclosed questionnaire.

Please visit <http://GreatRosevethEnergyStorage.co.uk/> to learn more. Please note that partaking in this process does not affect your statutory rights to make representations to the Cornwall Council in respect of the planning application when submitted.

Local engagement

Elgin Energy EsCo Ltd is committed to the local communities in which we operate. We engage with communities on each project through public consultations and try to identify local initiatives that we can support through a community benefit fund.

Local contractors and businesses will be engaged as far as possible during the installation phase. It is estimated that installation will take approximately 20 weeks. For the operational phase it is envisaged that local contractors and service providers will be engaged to maintain the battery storage system. If you would like to give us any proposal about a community benefit fund or enquire about providing services for this project, please answer to our survey on the project website or at the in person consultation.

Pre-planning process

A number of assessments are being conducted to establish any potential effects of the proposed development on the site and surrounding lands. These reports include ecology, archaeology & cultural heritage, construction access & traffic and flood risk. In addition, a landscape and visual impact assessment is being undertaken to identify any impacts on nearby viewpoints. These viewpoints and the proposed site layout can be viewed on the project website.

Existing field boundaries, trees, and hedgerows will be retained. The provision of bird boxes, insect hotels, and wildflower meadows provide significant opportunities for biodiversity enhancements.

Physical elements of the development

The following components are proposed for this development:

- A 5 meters (up to 7 meters) wide permeable access track will be installed to provide access to the compound.
- 132kv Substation consisting of:
 - o DNO & Customer switch yards
 - o Battery switch room
 - o Battery control room
 - o Palisade fencing
 - o Transformer and associated electrical equipment
- Battery compound with a capacity of 100MW, comprising up to:
 - o c.60 Battery storage containers
 - o c.30 Battery Management/ Power Control System (transformer/ inverters/monitoring system)
 - o Palisade fencing
- Parking facilities for limited maintenance vehicles as operation vehicular movements will average 2 per month.
- CCTV monitoring system.
- Relevant communications and monitoring equipment; and
- Landscape planting.





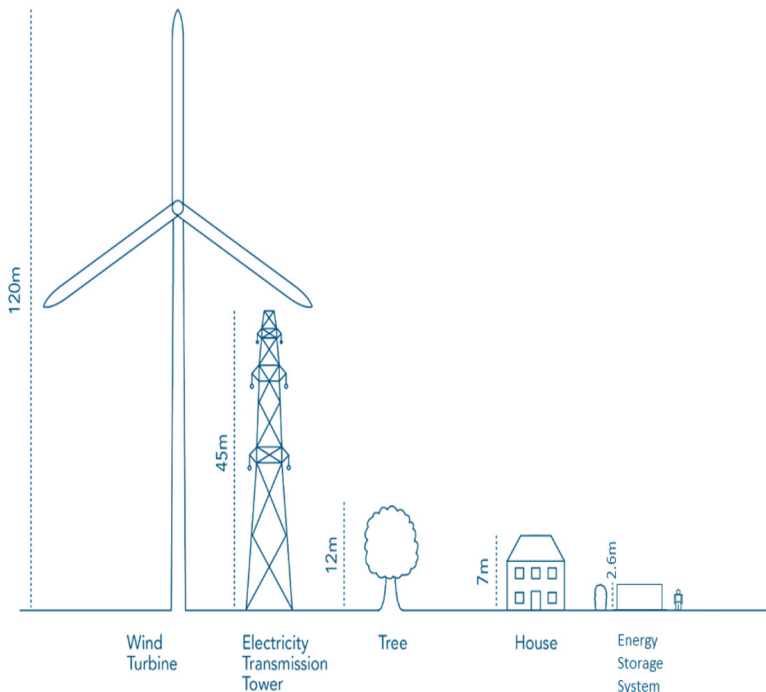
About Elgin Energy

Elgin Energy is a leading solar development platform with operations in the UK, Ireland, and Australia. To date, we have delivered 21 projects / 230 megawatts (MW) including the largest operational solar farms in Scotland (13MW) and Northern Ireland (46MW).

The company's initial development began in the UK in 2011, followed by Ireland in 2015 and Australian offices were opened in 2018.

Elgin Energy is committed to creating a sustainable future and is working towards this goal with our projects.

To learn more about Elgin Energy and the work we do, please visit our website: <https://www.elgin.com/>





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