



PROPOSED SOLAR PV FARM

Chapelcross Solar & BESS, Annan, DG12 6RF.

"Solar farms typically take up less than 5% of the ground they occupy, leaving huge scope for biodiversity enhancements in a protected space"

BRE National Solar Centre Biodiversity Best Practice Guidelines 2014

Introduction

Elgin Energy EsCo Ltd is seeking to develop a Solar PV and Battery Storage System at Lands owned in and around Chapelcross, Annan DG12 6RF. We are seeking your views on this proposal ahead of submitting a planning application to the Energy Consents Unit. The map below indicates the site boundary.

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://chapelcrosssolar.co.uk> to learn more. Please note that partaking in this process does not affect your statutory rights to make representations to the Energy Consents Unit in respect of the planning application when submitted.



Project overview

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://chapelcrosssolar.co.uk> to learn more. Please note that partaking in this process does not affect your statutory rights to make representations to the Energy Consents Unit 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 a public consultation and try to identify local initiatives that we can support through a community benefit fund should it be administered.

Local contractors and businesses will be engaged as far as possible during the installation phase. It is estimated that installation will take approximately 12 months. 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 affects of the proposed development on the site and surrounding lands. These reports include ecology, archaeology & cultural heritage, and construction access & traffic. In addition, a landscape and visual impact assessment has been 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 as far as possible. 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 DNO Substation
- Battery containers – The battery containers will each typically measure 6m in length, 2.5m in width, and 3m in height. The containers will be placed on concrete plinths up to 500mm in height and will be very similar in appearance to 40ft shipping containers.
- Solar Panel Arrays- These arrays are typically 2.4m x 1.3m approximately. Typical row distance is between 2-8 metres but in some cases can be up to 15m due to slope conditions.
- Inverter sections – These inverters are usually 2.5m x 3m x 12.2m. They also require stable earthing due to their size so underneath a 300mm gravel is developed while the inverters rest on 100mm-500mm concrete plinths.
- Power conversion system (PCS) units typically ranging from 7-10m x 2.2-3m rising to 3.5m in height.
- Storage containers




About Elgin Energy

Elgin Energy is a leading solar development platform with operations in the UK, Ireland, and Australia. To date, we have secured planning consents on 80+ projects and have 15GW of fully qualified projects across all markets, 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. More recently, our German office was established in 2023, with our Italian office in Rome opening in 2024.

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.



Elgin Energy
Dashwood House,
69 Old Broad St,
London EC2M 1QS

T: +44 (0) 208 068 4240
E: office@elgin-energy.com
W: <https://www.elgin-energy.com/>



<https://www.elgin-energy.com/>