

ELGIN
ENERGY

PROPOSED SUNDERLANDWICK SOLAR PV FARM

Sunderlandwick,

Driffield,

YO25 9AB

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

Introduction

Elgin Energy EsCo Ltd is seeking to develop a ground mounted Solar PV farm at Lands adjacent to and directly east of A164 Beverley Road, Sunderlandwick, Driffield, YO25 9AB. We are seeking your views on this proposal ahead of submitting a planning application to East Riding of Yorkshire Council Planning Department. The red line on 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://sunderlandwicksolarfarm.com/> to learn more.

In addition to the preceding initiatives a community consultation open day will be held on 23rd June 2022 at Driffield Community Centre, (Mill Street, Driffield, YO25 6TR) between 3pm – 7pm, during which team members and project specialists will be available to discuss the project.

Please note that partaking in this process does not affect your statutory rights to make representations to the Redcar and Cleveland Borough Council Planning Department in respect of the planning application when submitted.

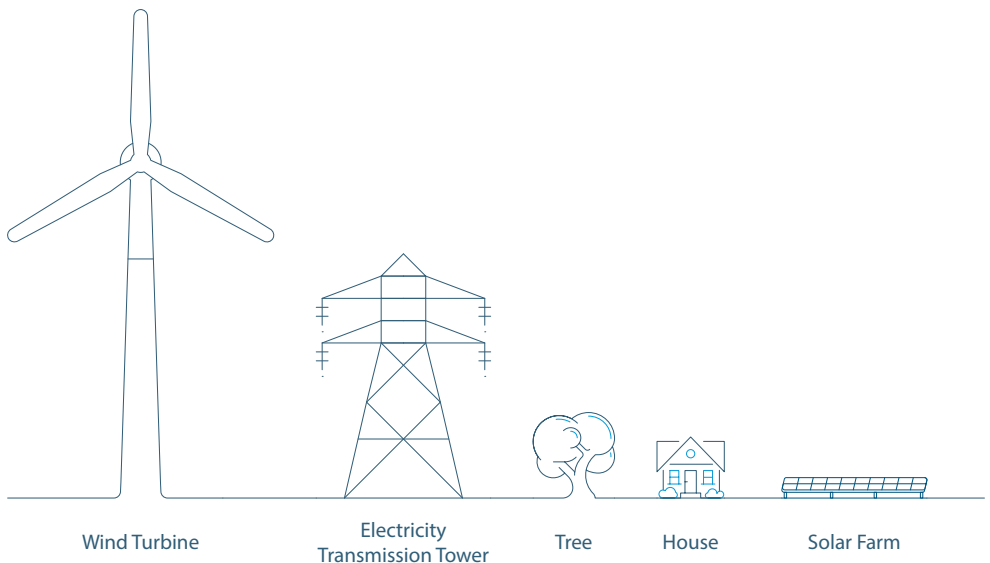


Project overview

The proposed site is on Lands which at their western edge are located adjacent to and accessing onto the A164 Beverley Road. At their northern point the lands extend as far as Poundsworth, Beverley Road. At their southern point the lands extend as far as Old Gawdy Hall, Driffield Road. The eastern boundary adjoins the Hull to Scarborough railway line. The village of Hutton is located approximately 0.6km to the south and the town of Driffield is located approximately 0.7km north.

The proposed project covers approximately 185 acres and will accommodate approximately 49.9 megawatts (MW) of ground mounted solar photovoltaic (PV) panels. A project lifetime of 40 years is proposed.

The proposed solar farm will generate approximately enough energy to power 12,000 homes or 16,500 electric vehicles (EVs) every year.



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.

Local contractors and businesses will be engaged as far as possible during the installation phase. It is estimated that installation will take approximately 16 weeks. For the operational phase it is envisaged that local contractors and service providers will be engaged to maintain the solar farm. Elgin are open to discussing and exploring opportunities for local community benefits and would welcome engagement and suggestions in this regard as part of the pre-application consultation process.

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, traffic & transport and flood risk. In addition, a landscape and visual impact assessment has been undertaken to identify any impacts on nearby viewpoints. The proposed site layout can be viewed on the project website. A glint & glare assessment will also be carried out although glint & glare effects from PV panels are rare as they are designed to absorb, not reflect, sunlight. This is evidenced by the installation of PV panels adjacent to the runways at Gatwick airport.

Existing field boundaries, trees, and hedgerows will be retained as far as possible. The provision of bird boxes, insect hotels, and wildflower meadows will provide significant opportunities for biodiversity enhancements. Once the solar farm is operational, sheep farming can take place ensuring the land remains in agricultural use.



Physical elements of the development

The following components are proposed for this development:

- Solar panels will be arranged in rows facing southwards at an inclination of typically 25 degrees. The distance between the rows will be between 2 - 8 metres (m). The panels are set at 0.8m above ground level and increase to 2.4 - 3.2m approximately.
- A mounting system comprising upright galvanised steel posts which are screwed or pushed into the ground and an aluminium support frame which is bolted together.
- Inverters measuring approximately 7m x 2.5m x 3m high. They convert the DC electricity produced by the panels into grid-compatible AC current. They will be located throughout the site.
- A primary onsite substation.
- Underground cabling from the panels/inverters to the substation.
- Several permeable stone tracks to facilitate access to the inverters.
- Rural 'timber & post' deer fence measuring 2.45m in height will enclose the site. A gap of 10cm at ground level will allow ecology to freely enter and exit.
- 3m high pole-mounted CCTV cameras inside the site to monitor the solar farm. The solar farm requires no concrete foundations except for the substation bases.
- It is designed to be reversible and leave no trace when removed.




About Elgin Energy

Elgin Energy is a full service, utility scale, solar and storage developer bringing projects from origination through development. The company has a portfolio of projects in late-stage development totalling over 5GW across three key markets of UK, Australia and Ireland.

In 2021, Elgin Energy secured financing with Berenberg Green Energy Fund for the development of solar PV projects totalling 1.36GW in the UK and Ireland and also raised £25 million via Focus Capital Partners to fund its growth strategy across its core markets. In 2020, the company partnered, in separate transactions, with both Foresight Group and Metka-EGN in relation to two portfolios to deliver a total of 276MW of UK solar development projects and was successful with two Irish solar projects in Ireland's first solar auction, RESS-1 - Renewable Energy Support Scheme (RESS). In addition to the above, Elgin Energy delivered 21 solar projects, totalling 230MW, before the UK Government's Renewables Obligation (ROCs) scheme ended in 2017.

Elgin Energy works with long-term strategic partners to deliver projects to energisation and provides asset management services through their operational life. The company has expanded internationally over the last 12 years with a professional team of engineers, accountants and lawyers.

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: sunderlandwicksolarfarm@rpsgroup.com

W: <http://sunderlandwicksolarfarm.com/>

W: www.elgin-energy.com



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