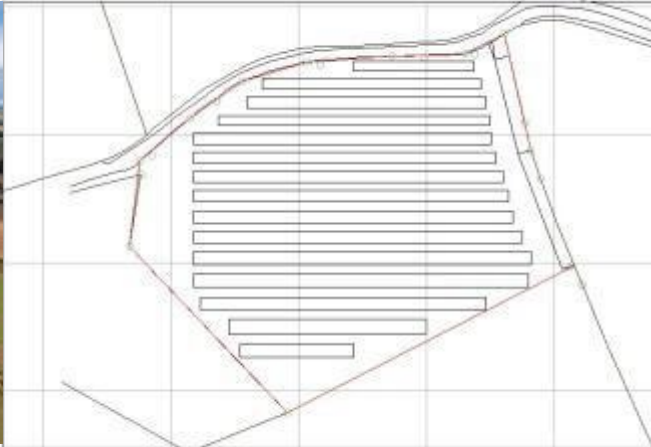


Humshaugh Net Zero PV Project

RCEF Stage: 2



Key Facts	
PV	600 kW
PPA	Local use under investigation
Community benefits	Local ownership and local reduction of imported electricity.

Key Figures	
Project size:	660 kW minimum PV
Tech type	
Energy Generation	560,000 kWh
Private finance leveraged	t.b.c.
CO2 savings	172 tonnes CO2 annually
RCEF grant	£67,000

The Story

Humshaugh Net Zero CIC was formed to foster activities that would achieve Net Zero carbon emissions by 2030 in line with Northumberland County Council targets. With over 50 members, in a parish with about 350 households and a population of 600, a RCEF1 project identified an opportunity to develop a PV project on low grade agricultural land within Humshaugh parish. The project builds on this research to consent and complete detailed project development to be ready to gain planning permission by early 2023, and to obtain finance and build by the end of 2024. The project will supply the equivalent amount of electricity used by 150 households.

Challenges & Risks

No objections have been received to date. The landowner agreement has been achieved. A planning scoping opinion has been received from Northumberland County Council, which identified no significant issues preventing their support, and an application will be submitted in October 2022. Detailed discussions have been held with Northern Powergrid and a cost effective connection is likely. The business case is being prepared.

Lessons Learned

Local engagement in Net Zero activities has fostered a positive feeling for the project. Land ownership decision to grant an option takes longer than expected. Significant effort is needed to address grid connection costs.

Further Notes

LEP area: North East

Link for further info:
www.humshaughnetzero.org