

20th February 2024

Dear Stakeholder

Penrhos Substation – Proposals to construct a new Gas Insulated Substation (GIS)

I am writing on behalf of National Grid Electricity Transmission (NGET) about our plans to construct a new Gas Insulated Substation (GIS) at our former substation site at Penrhos.

As the Transmission Network owner in England and Wales, we have a legal obligation to connect customers to the network. NGET has identified a need to construct a new GIS as part of our obligation to connect customers to the network.

The plans include the construction of a new GIS and the replacement of approximately 3.5km of existing underground cable that connected into the former Penrhos substation.

The Isle of Anglesey County Council (IACC), as the Local Planning Authority, has confirmed that the plans are Permitted Development under the Town and Country Planning (General Permitted Development) (Amendment) (Wales) Order 2019. As such, there is no requirement for NGET to apply for planning permission for the works.

In advance of starting work on the site we will be undertaking ground investigation (GI) surveys during March to assess ground structure and condition with the results used to inform the final project design. This includes surveying the route of the underground cable that currently connects to the former substation.

What will you see and when?

We expect that the GI surveys will last for approximately five to six weeks (depending on weather conditions and could be subject to change).

You may notice the presence of surveyors and equipment, such as JCBs and a drilling rig. There may be some noise associated with the GI surveys, but we believe this will cause minimal disturbance to near neighbours. The surveys will be undertaken Monday to Friday between the hours of 8am and 6pm. The extent of the survey area is confirmed on the plan overleaf.

There will be no road closures associated with the GI surveys. However, we may need to install some temporary traffic control measures along Pont Lasinwen and parts of the Holyhead Road, to where it becomes London Road for a short period during the GI survey work. This is to ensure the safe manoeuvring of the larger pieces of equipment needed to carry out the GI surveys.

Next steps

We have written to near neighbours of this project to let them know that the GI surveys will be taking place.

We will be writing to you again prior to the main works commencing, anticipated to be towards the end of 2025, so that you are fully informed in relation to the project.

If you have any queries or would like to set up a meeting to discuss our plans, please contact our community relations team on 0800 066 8941 (Monday to Friday, 9am to 5pm with an answering service in place outside of these times) or via Penrhos@nationalgrid.com.

Yours sincerely

Elliot Hobbs
EPC Project Manager – Customer Connections
NG Electricity Transmission (North)

Extent of Ground Investigation Survey Area for Project

