



GREEN VOLT

Project Update December 2024

The Green Volt Offshore Windfarm project will shortly be commencing site investigation works, in connection with the transmission infrastructure required to connect the project to the national grid.

These works are scheduled to begin on **16/12/2024** and will continue in phases over the next five months along the consented cable route. All work will be taking place with the permission of the landowner(s).

The works will commence with a series of tests to gather critical data on the ground conditions at the substation site. Below is an overview of those activities associated with the substation site, which are necessary to ensure safe and effective construction.

1. Boreholes

What: Small holes drilled into the ground to study soil and rock layers.

Why: To assess stability and suitability of land for construction.

How: Narrow holes are drilled to collect samples of soil and rock for testing.

Time: Each borehole takes 1-2 days to complete

2. Trial Pits

What: Shallow pits dug to inspect the soil.

Why: To check the soil's structure and suitability for construction.

How: Small excavators dig pits, enabling samples to be taken for testing. The pits are then refilled.

Time: A few hours per pit.



3. Groundwater Monitoring

What: Observing water levels underground to avoid drainage or flooding issues.

Why: To plan water management during and after construction.

How: Pipes are placed in some boreholes to monitor water levels over time. The pipes are fenced off for safety and removed after monitoring is done.

Time: Monitoring can take several weeks to months, depending on requirements.

4. Soakaway Test

What: Testing how quickly water drains into the soil.

Why: To decide the best way to manage rainwater and prevent flooding.

How: A pit is filled with water, to measure drainage speed.

Time: The test takes a few hours, and results depend on the soil's absorption rate



About Green Volt

Leading offshore wind developers Flotation Energy and Vårgrønn are delivering Green Volt, a 560 MW floating windfarm off the East Coast of Scotland and set to become Europe's first commercial-scale floating offshore windfarm.

Our site investigation works

In connection with the project, we are commencing site investigation works at the New Deer substation approximately 6km southwest of the settlement of New Deer in December, and our landfall point between St Fergus and Peterhead in January. Over the coming year, our site investigations programme will continue along the entire cable corridor. We will ensure you remain informed with regular updates on our progress.



What to expect

During this activity, you may notice an increased presence of personnel and equipment at the site(s). While we will strive to keep disruption to a minimum, the work may involve some additional vehicle movements, including trucks and drilling equipment, as well as some noise from activities such as drilling and excavating.

Work will take place during normal working hours, and safety measures will be in place. We kindly ask you to avoid entering work areas for your own safety.

If you have any questions about this activity, or any safety concerns, please visit our website www.greenvoltoffshorewind.com, or contact our Community Liaison Officer, Teresa Dawson, on hello@greenvoltoffshorewind.com.



We are committed to ensuring the safety of everyone during our site investigation activities. If you have any safety concerns, please do not hesitate to contact us at healthandsafety@flotationenergy.com

