

Peterhead works progressing well

Construction continues to progress across the Eastern Green Link 2 (EGL2) project, with important milestones achieved at both the Peterhead converter station and the marine landfall site.

Marine works reach major milestone

Our principal contractor for the marine works, Prysmian, has made significant progress with the horizontal directional drilling (HDD) at the landfall area at Sandford Bay, which is where the underground cable from the converter station will transition to a subsea cable.

The HDD technique is used to install cables without disturbing the beach. A borehole is drilled underneath the beach from the HDD platform situated above Sandford Bay adjacent to the A90 road. Ducts are installed in the boreholes which the marine cables are then pulled through.

The team has achieved a major milestone by successfully completing the first pilot hole beneath the beach, emerging from the seabed at Sandford Bay. The next phase will involve installing a steel duct within the borehole before work begins on the second borehole. Once both ducts are in place, they will provide a secure pathway for the subsea cables to be pulled through during the offshore installation stage of the project.

This complex phase has been supported by specialist diving teams, marine and subsea vessels, and is being carried out under strict environmental controls to minimise seabed disturbance, protect marine habitats and ensure safety.



HDD drill emerging on seabed



HDD landfall drill rig in operation

Converter building taking shape

Significant progress is also being made on land at the Peterhead converter station. The first converter building's steel frame is now complete, with the second due to follow shortly. The first alternating current hall has been erected and work on the second began in early

August. Concrete works for both transformer buildings have also been completed, while cladding continues to progress across the site.

Earlier this year, HDD works were completed to install the ducts for the new 400kV cable beneath the U66 road to eventually connect the converter station to the existing Peterhead Substation nearby. The use of HDD technology here meant that road closures could be avoided.



July 2026



March 2026

Next steps

Over the coming months, construction activities at the converter station site will focus on completing the remaining steelwork and cladding, forming floor slabs within the main buildings and preparing for the first mechanical and electrical installations. At the landfall site, upcoming works include the installation of ducts, completion of the second borehole and further preparation for future cable installation activities.

These latest milestones represent continued progress on one of the most significant electricity transmission projects currently under construction in the United Kingdom, helping to support a more secure and resilient energy network while enabling the transport of renewable electricity where it is needed most.

About Eastern Green Link 2

We are constructing a new high voltage direct current (HVDC) converter station near Boddam in Peterhead as part of the Eastern Green Link 2 project. The joint venture project between SSEN Transmission and National Grid Electricity Transmission will see around 500km of subsea high voltage direct current (HVDC) cable connecting the Peterhead converter station to another one in Yorkshire.

More information about Eastern Green Link 2 can be found on the project website at www.easterngreenlink2.co.uk

Keep in touch

SSEN Transmission has a number of projects in this area. To sign up for email updates about EGL2 and other projects in the Peterhead area, please contact the Community Liaison Manager, Gillian Doig, at gillian.doig@sse.com or on 07879 288666

