



Working with communities during construction

Our Eastern Green Link 2 (EGL2) project is playing a part in strengthening the electricity network. As we build, we know construction can affect the places where people live, work and travel. That's why we are committed to carrying out our work carefully, respectfully, and with local communities in mind.

Our aim is to reduce disruption as much as possible, while also supporting local jobs and protecting the environment as we deliver EGL2.

Construction is taking place in stages along our route. We know this can bring change and inconvenience, and so we are managing this closely. We are keeping communities informed about what's happening, why it's needed, and how long it is expected to last.

One important way we do this is through detailed traffic management planning. This helps keep roads safe, limits congestion, and reduces the impact of our construction vehicles on local areas.

For our onshore cable route, we are installing a dedicated haul road. This allows our construction traffic to access our sites, minimising disruption to local roads. It significantly reduces the number of large vehicles traveling through nearby communities.

Our recent piling works in the Drax area

At our Wren Hall site, we have been carrying out piling works to create strong foundations for our converter station buildings. We understand that piling can sometimes cause temporary noise and vibration, which may be disruptive for people living and working nearby. We have chosen a driven precast concrete piling method, which is one of the quickest approaches available and allows us to complete the works as swiftly as possible.

To reduce disruption, we:

- carefully plan when piling takes place
- monitor noise levels throughout this phase
- keep activity within approved working hours
- regularly review our methods and programme to minimise impacts where we can.



One of the piling rigs in use at Wren Hall Converter Station



Understanding the environmental risks

Our main focus is protecting local wildlife, natural habitats and farmland close to our work areas.

Some construction activities, such as soil movement, vegetation clearance and the use of heavy machinery, can affect the surrounding environment if not carefully managed. These activities may create noise, dust or affect water quality.

To manage this, we put controls in place to prevent pollution, reduce disruption and protect nearby communities, farmland and public paths wherever possible.



Environmental and sustainable construction

As construction progresses along the EGL2 route, we want to keep communities informed about how we are managing environmental impacts.

We have strict environmental controls in place throughout the project to help protect local communities and the natural environment.

Our teams follow approved environmental plans and independent specialists regularly check that we are meeting the required standards.

Before work begins, we carry out surveys to identify sensitive habitats and wildlife. This helps us plan our work carefully. For example, we limit activity in certain areas and schedule works to avoid important wildlife seasons.

We also work to reduce disruption wherever possible and restore the land once construction is complete.



Reducing disruption

Where possible, we use construction methods that reduce impacts on the landscape and nearby communities.

This includes careful site planning, the use of temporary haul roads and traffic management measures. Haul roads allow construction vehicles to move safely along the cable route limiting the use of local roads.

This helps reduce construction traffic on public roads, protects local road surfaces from heavy vehicles and improves safety for road users and nearby communities.

We also plan our works carefully to limit noise, traffic and visual impacts throughout construction.



Cleaner fuel for machinery

Some of our construction vehicles at Wren Hall Converter Station use Hydrogenated Vegetable Oil (HVO), a lower-carbon fuel made from waste vegetable oils.

This fuel is used by our 20-tonne trucks as they transport around 370,000 tonnes of quarry stone to site from a quarry 27 miles away.

Using HVO instead of diesel can reduce direct carbon emissions by up to 90 per cent and cut other harmful emissions, such as particulates, by around 80 per cent.

Working with our main contractors

Delivering Eastern Green Link 2 is a collaborative effort. We work closely with our main contractors who help us build the project safely, responsibly, and with care for local communities.

All of our contractors are required to follow the same standards we set for safety, environmental protection, and community consideration. We work together to plan construction carefully, manage impacts, and respond to local concerns.

Our main contractors are:

HITACHI

Hitachi Energy, a global leader in power technologies, is responsible for delivering the HVDC technology at our converter stations that will enable efficient long-distance bi-directional electricity transmission between Scotland and England.



BAM is an international construction and civil engineering company with extensive experience in delivering complex infrastructure projects. As a key contractor on EGL2, BAM is responsible for overseeing the construction of the converter stations at Peterhead and Wren Hall.



Prysmian is a global cable solutions provider leading the energy transition and digital transformation. On EGL2, Prysmian is responsible for the cable system design, manufacturing, and installation of the 436 km subsea cable, as well as the 69 km onshore underground cable in England and Scotland.

Balfour Beatty

To support the installation of EGL2's onshore underground cable, **Balfour Beatty** has been subcontracted by Prysmian to deliver this key component of the project.

We work as one project team and meet regularly to review construction activity, environmental performance and community feedback. This helps us identify issues early and make changes where needed to reduce impacts on people living and working near our sites.

Works in your area

If you have questions about our works or would like to speak to a member of our team, we're here to help.

Email: contact@easterngreenlink2.co.uk

Post: Freepost EASTERN GREEN LINK 2
(no further address details or stamp required).

Freephone: 0808 196 8407

(lines are open Monday to Friday, 9am–5pm, with an answerphone taking messages outside these times).

