



Cross Shannon Cable

Project Information Brochure

Spring 2017



The current. The future.



Who are EirGrid - and what do we do?

EirGrid is responsible for a safe, secure and reliable supply of electricity: Now and in the future.

We develop, manage and operate the electricity transmission grid. This brings power from where it is generated to where it is needed – throughout Ireland. We use our grid to supply power to industry and businesses that use large amounts of electricity. Our grid also powers the distribution network. This supplies the electricity you use everyday in your homes, businesses, schools, hospitals, and farms.

What is the Cross Shannon Cable project?

The Cross Shannon Cable project involves the installation of a new 400 kV cable across the Shannon Estuary (in the river bed) between the existing substations at Moneypoint, County Clare and Kilpaddoge, County Kerry (refer figure 1).

Why do we need this project?

As EirGrid is the state owned transmission system operator, it is our role to provide a platform for renewed economic growth and development. In this case there are high levels of renewable electricity generation being connected to the electricity grid in the South and West of Ireland. At time of high wind power is expected to flow from the South and West of Ireland to the East of Ireland. The Cross Shannon Cable will assist this power in connecting to the existing cross Ireland 400 kV overhead line which connects at Moneypoint.

What is the background to the Cross Shannon Cable project?

This project is part of a Regional Solution proposed by the Government appointed Independent Expert Panel in their report assessing the needs of the Grid Link project which was published in September 2015.

Are Electricity Cables Crossing the Shannon a new Technology? developed?

No, electricity transmission cables have been laid previously in the Shannon Estuary including the Prospect Tarbert 220 kV cables which were laid in 1977, and the Moneypoint Kilpaddoge 220 kV cables which were installed in 2015.



Study Area Map



Figure 1: Map showing existing substations at Moneypoint and Kilpaddoge

Project Timeline & Next Steps

What's happening on the project now?

We are currently completing a range of technical, environmental and social studies to assist in the identification of feasible options for the routing of the cables. These surveys will occur both on land but also in the Shannon Estuary itself. Some of this surveys may require particular consents, such as a Foreshore Licence and notices associated with them will be put on public display.

We welcome your feedback on the Cross Shannon Cable project and invite you to contact us.

Step 1

How do we identify the future needs of the electricity grid?

Step 2

What technologies can meet these needs?

Step 3

What's the best option and what area may be affected?

Step 4

Where exactly should we build?

Step 5

The planning process

Step 6

Construction energisation and benefit sharing

Future plans

During 2017 we are planning to identify feasible options and specific locations for the Cross Shannon Cable project. EirGrid will consult with landowners, local communities, organisations and individuals when these specific options have been identified to assist in further information gathering and to seek inputs into the decision-making process for the best option.

During 2018 we plan on submitting an application for permission for the installation of the cables and construction of associated infrastructure at the existing substations at Kilpaddoge and Moneypoint.

In 2020 we plan to construct the Cross Shannon Cable project and in 2021 we plan to make it operational.



◀ We are here.



Step 4 Where exactly should we build?

Step 5 The planning process

Step 6 Construction, energisation and benefit sharing

Step 4 At a glance

What's happening?

We develop a detailed route or site. This will specify the exact position of any new equipment or infrastructure.

How long will this take?

Up to 12 months.

What can you influence?

You can influence where exactly the project will be built.

How can I get involved?

We will look at the best ways to seek your views during this step. Depending on the size of the project, this could take many forms, such as public meetings or web pages with response forms.

We will promote any consultation that is planned or underway. This information will appear on our website, and in local or national media.

If you want to find out more about how you can get involved at this step, contact our Customer Relations Team on (01) 702 6642, or on info@eirgrid.com. They can advise on how best to contribute your views.

What have we decided at the end of this step?

The precise route or site on which the project will be built.



Public Consultation

Tell us what you think

Your feedback is central to how we move forward with the Cross Shannon Cable project.

As part of our consultation we are seeking your input on issues we need to consider when selecting feasible route options for the cable installation.

We hope to hear from you.

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