



West Dublin Project

Project Information Update
October 2015



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 West Dublin project?

The West Dublin project is based around a new 220/110 kV Gas Insulated Switchgear substation. We are planning this to meet the needs of the Grange Castle Business Park in west Dublin. There will also be underground cable routes and other connections to join this new substation to the grid.

The new substation will connect to an existing 220 kV overhead line. This line runs from Inchicore to Maynooth along the Adamstown train line.

As part of the project we propose to take down approximately 2.9 kilometres of overhead line and up to 11 pylons. This includes the 'Adamstown Pylon'. This is part of the broader benefit to the community from this project.

Why do we need this project?

EirGrid is the state-owned operator of the electricity grid. Part of our role is to provide a platform for renewed economic growth and local development.

In this case, we are responding to the demand for electricity in the area. This is due to major multinational customers, but will also provide for future growth.

Benefits of this project

Economic Growth at Grange Castle Business Park

This project will meet increased demands for electricity at Grange Castle Business Park. The improved electricity infrastructure also creates the potential for future development in the area.

Removal of overhead lines and pylons at Adamstown

Earlier this year, we held public consultations on this project. We received valuable feedback from local TDs and Councillors, and from members of the community.

Much of this feedback asked us to consider removing some existing infrastructure as part of this project.

In response, our planning application proposes to remove approximately 2.9 kilometres of overhead line.

This runs from just west of Adamstown train station to east of the roundabout at the R136 and Ninth Lock Road. We also aim to remove up to 11 pylons along the same route.

How is this project being developed?

We have developed this project according to our Project Development Roadmap. The project is currently nearing the end of Stage 3, where we confirm the details of its specification, and how and where it will be built.

Progress to date

Here's an overview of what has happened up to this point:

In Stage 1, three preferred substation sites emerged from a long-list of 11 possible options. We then located five possible locations for the interface compounds. This is where the existing overhead line goes underground to become a buried cable.

We also identified some route corridor options so this underground cable can connect to the new substation.

As part of Stage 2, we evaluated the options detailed in Stage 1, and listened to the public response to these options.

Based on this, we identified preferred locations for the main elements in this project. These are the substation, the interface compounds, and the cable connections.

Project Timeline & Next Steps

What's happening on the project now?

Earlier in Stage 3, we confirmed our designs for the project, which are shown in the map on the following page.

This includes:

- A proposed substation site;
- A preferred route for our 220 kV underground cables, and a second route as an alternative option;
- Two options for a western interface compound. This will connect an underground cable to the existing 220 kV overhead line from Inchicore to Maynooth. This will be the point at which we remove the existing overhead line to the east.
- A proposed site for an eastern interface compound. This will be the point where we remove the existing overhead line on the easterly side.

We are now starting a consultation process on this plan. Your feedback will inform our final planning application, which we plan to submit in December.

Previous work

- **July 2014**
Project approval
- **September 2014**
Stage 1 Information gathering
- **February 2015 - March 2015**
Stage 1 Consultation
- **April 2015 - May 2015**
Stage 2 Evaluation of workable options
- **June 2015 - July 2015**
Stage 2 Consultation
- **August 2015 - October 2015**
Stage 3 Confirming design

Current activity

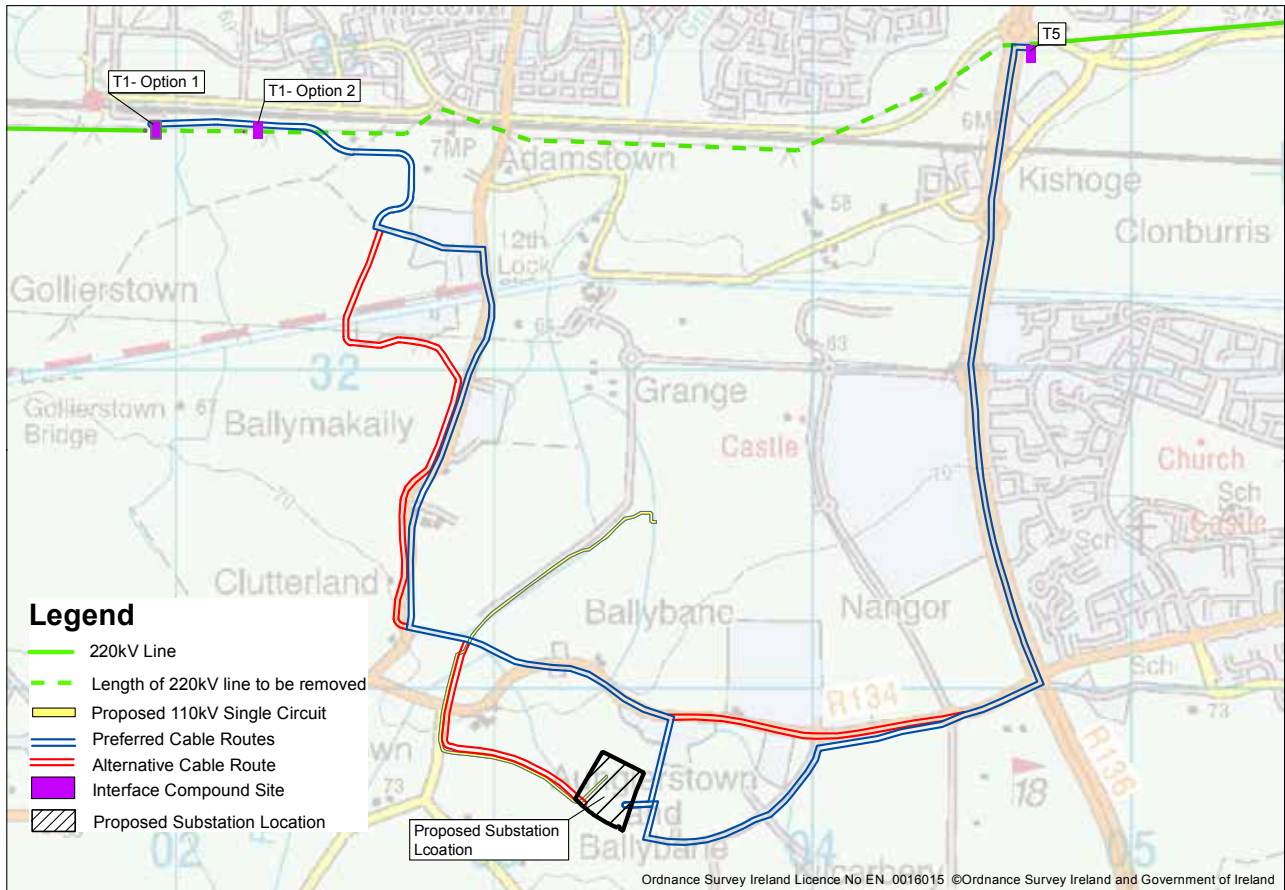
- **23 October – 3 December 2015**
Stage 3 Consultation

Future plans

- **December 2015**
Lodgement of Planning Application
- **2018-2019**
Substation operational



Map of West Dublin Project



Public Consultation

Tell us what you think

Your feedback is central to how we move forward with the West Dublin Project.

As part of our third round of public consultation, we are seeking input on:

- Our substation site
- Western interface options
- Eastern interface site
- Cable route options

Our six-week consultation will run until Thursday 3 December 2015.

We hope to hear from you over the coming weeks.

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