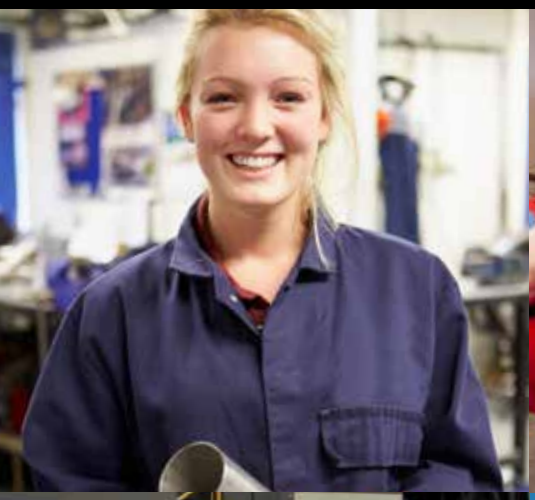
EIRGRID



West Dublin Project

Project Information Brochure Stage 2

Summer 2015

What is the West Dublin project?

The West Dublin project calls for a new 220/110 kV Gas Insulated Switchgear (GIS) electricity substation and associated connections.

The proposed substation will connect to the existing Inchicore – Maynooth 220 kV double-circuit overhead line (see figure 1), and will be located in the Grange Castle Business Park area.

Why do we need this project?

As the state-owned transmission system operator, it is our role to provide a platform for renewed economic growth and local development.

In this case, there is a significant local increase in electricity demand, associated with major multinational customers at Grange Castle Business Park.

Benefits

Economic Growth at Grange Castle Business Park

The West Dublin project aims to provide a platform for economic growth through further development of Grange Castle Business Park.

As well as satisfying current demand, the improved electricity infrastructure will create the potential for future development by other companies at Grange Castle Business Park.

Consideration of Social Impact

Stage 1 public consultation provided important feedback on how this project could benefit the community in west Dublin. We have considered this feedback in the preparation of our Stage 2 Report, proposing the removal of the longest possible length of overhead infrastructure.

Stage 2 - Evaluate Options

This project has been developed according to EirGrid's Project Development Roadmap (see Figure 2). The project is currently at Stage 2– "Evaluate Options".

During Stage 1 we identified three emerging preferred substation sites from 11 feasible options. We then located five feasible interface compound locations. At these locations, we propose to loop into the existing overhead line to allow a change from overhead line to underground cable. Also in this stage, we identified feasible route corridor options for the underground cables to connect with a new substation.

As part of Stage 2, we have evaluated the options detailed in Stage 1. Taking into consideration the results of our Stage 1 public consultation, we have also identified the preferred locations for a substation, interface compounds and cable connections.

Example of a typical GIS substation

Public Consultation Open Day

Proposed Development

- T1 and T5 have been identified as the preferred interface compound sites.
- Site D has been identified as the preferred substation site.

Legend

- Study Area
- Existing 220kV Line
- Preferred Cable Routes
- T1 Interface Compound Site
- Substation Site D

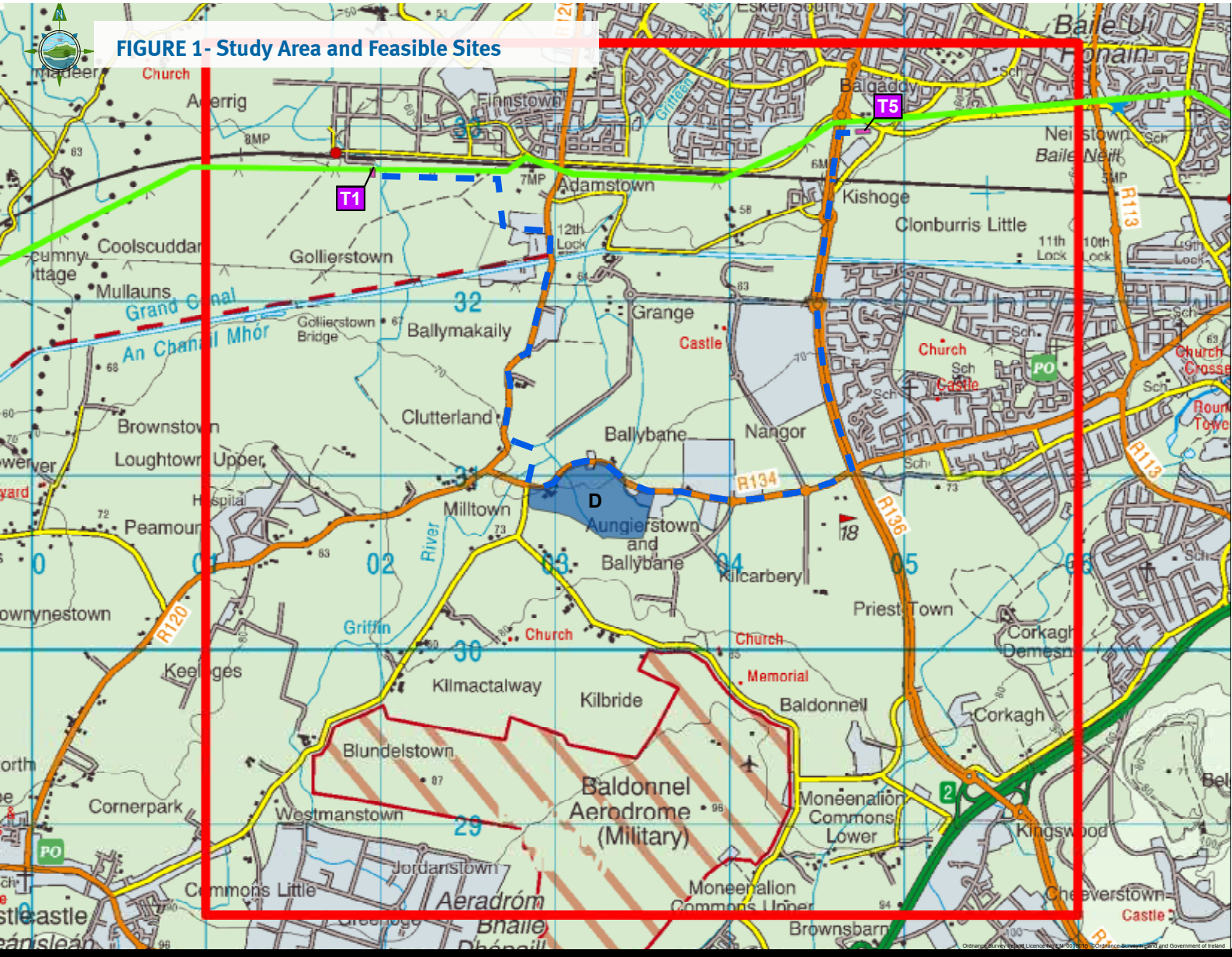


FIGURE 1- Study Area and Feasible Sites

Project Timeline and Next Steps

July 2014	Project approval
September 2014 – January 2015	Stage 1 Information gathering
February 2015 – March 2015	Stage 1 Consultation
April 2015 – May 2015	Stage 2 Evaluation of feasible options
June 2015 – July 2015	Stage 2 Consultation
August 2015 – October 2015	Stage 3 Confirming design
Autumn 2015	Stage 4 Preparation of planning application and Lodgement of Planning Application
2018-2019	Substation operational

Public Consultation

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

Stage 1 public consultation ran from 17 February to 31 March 2015. At the conclusion of Stage 1, the feedback received was incorporated into our Stage 2 report, which was published in June 2015.

Stage 2 public consultation will run from Monday 22 June until Monday 3 August 2015. As part of Stage 2 public consultation, we are seeking input on:

- a preferred substation site;
- proposed interface compound locations and
- preferred circuit routes.

Engagement during this period will include a consultation event, engagement with the media, advertisements, written correspondence and through our dedicated email address and phone number.

Contact Details:

Ph: 01 237 0479
Email: westdublin@eirgrid.com
Address: Project Manager - West Dublin 220/110 kV Project, The Oval, 160 Shelbourne Rd, Ballsbridge, Dublin 4

Figure 2: Project Development & Consultation Roadmap

You are Here

STAGE 1

Information Gathering

Identify Project Study Area

Identify environmental & other constraints

Identify feasible options (corridor/sites)

Publication of **Stage 1 Report**

Pre-application consultation with An Bord Pleanála

Public

Public and stakeholder consultation on study area and constraints

Public and stakeholder consultation on findings of **Stage 1 Report**

STAGE 2

Evaluate Options

Consideration of all feedback from **Stage 1**

Identification of EirGrid's emerging preferred option (route corridor/site)

Identification of indicative line within corridor or site boundary

Identify and meet landowners of indicative line/site; initial survey

Publication of **Stage 2 Report**

Pre-application consultation with An Bord Pleanála

Public

Public and stakeholder consultation on findings of **Stage 2 Report**

You are Here

STAGE 3

Confirm Design

Consideration of all feedback from **Stage 2**

Conduct environmental studies and surveys

Confirmation of design of line/site proposal including construction methodology

Ongoing engagement with landowners on preferred line route or site

Pre-application consultation with An Bord Pleanála

Public

Ongoing public information

STAGE 4

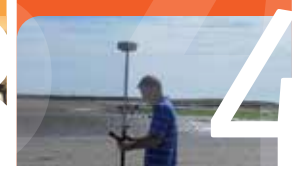
Prepare Planning Application

Complete reports and prepare planning application

Preparation of Environmental Impact Statement (EIS) or Environmental Report as required

Conclusion of Pre-application consultation with An Bord Pleanála

Submit application to An Bord Pleanála



Public

Ongoing public information

Once application submitted, public can make submissions to An Bord Pleanála including at an oral hearing, if held

STAGE 5

Wayleaving and Construction

Preparation of construction plans

Serve wayleave notice to landowners and agree access for construction

Commence construction

Public

Ongoing public information

Evaluation of Public Consultation process

About EirGrid

EirGrid is a state-owned company and is the national operator of the electricity grid. The national grid is an interconnected network of high voltage power lines and cables, comparable to the motorways, dual carriageways and main roads of the national road network. It is operated at three voltage levels; 400 kV, 220 kV and 110 kV and is approximately 6,400 km in overall length. It is the backbone of Ireland's power system and is vital to ensuring that all customers; industrial, commercial and residential from both rural and urban areas to cities, have a safe, secure, reliable, economic and efficient electricity supply.

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