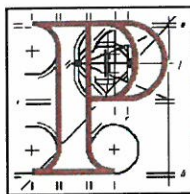


An Bord Pleanála



Application Form for Permission/Approval in respect of a Strategic Infrastructure Development

- | | | |
|----|--|--|
| 1. | Please specify the statutory provision under which your application is being made: | Section 182A of the <i>Planning and Development Act, 2000</i> (as amended) |
|----|--|--|

2. Applicant:

Name of Applicant: EirGrid plc (with the consent and approval of the Electricity Supply Board (ESB))
Address: EirGrid plc, The Oval, 160 Shelbourne Road, Ballsbridge, Dublin 4, D04 FW28.
Telephone No: +353 (0)1 2370000
Email Address (if any): westdublin@eirgrid.com
Fax Number (if any): +353 (0)1 6615375

3. Where Applicant is a company (registered under the companies Acts):

Name(s) of company director(s): John O'Connor, Fintan Slye, Dr. Joan Smyth, Richard Sterling, Dr. Gary Healy, Liam O'Halloran, Bride Rosney, Doireann Barry, Gerry Walsh, Michael Hand
Registered Address (of company) EirGrid plc, The Oval, 160 Shelbourne Road, Ballsbridge, Dublin 4, D04 FW28, Ireland.
Company Registration No. 338522
Telephone No. +353 (0)1 2370000
Email Address (if any) westdublin@eirgrid.com
Fax Number (if any): +353 (0)1 6615375

4. Person / Agent acting on behalf of the Applicant (if any):

Name: David Conneran, Project Manager
Address: TOBIN Consulting Engineers, Block 10-4, Blanchardstown Corporate Park, Dublin 15.
Telephone No. +353 (0)1 8030401
Mobile No. (if any) N/A
Email address (if any) dublin@tobin.ie
Fax No. (if any) +353 (0)1 8030409

Should all correspondence be sent to the above address? (please tick appropriate box)

(please note that if the answer is "No", all correspondence will be sent to the Applicant's address)

Yes: [☐] No: [☒]

Contact Name and Contact Details (Phone number)

for arranging entry on site if required/appropriate:

Edel Leddin (EirGrid Project Manager): +353 (0)1 2370000

Address as per EirGrid above

5. Person responsible for preparation of Drawings and Plans:

Name: Michael Nolan

Firm/Company: TOBIN Consulting Engineers

Address:

TOBIN Consulting Engineers,
Block 10-4
Blanchardstown Corporate Park,
Dublin 15

Telephone No: +353 (0)1 8030401

Mobile No: N/A

Email Address (if any): dublin@tobin.ie

Fax No (if any): +353 (0)1 8030409

Details all plans/drawings submitted -title of drawings/plans, scale and no. of copies submitted. This can be submitted as a separate schedule with the application form.

See drawing index in Schedule 1 attached to this application form.

6. Site:

<p>Site Address/Location of the Proposed Development (as may best identify the land or structure in question)</p>	<p>This project is located in South Dublin County and extends across the following townlands; Gollierstown, Finnstown, Adamstown, Ballymakailly, Grange, Clutterland (ED. Newcastle), Clutterland (ED. Clondalkin-Dunawley), Kilmactalway, Milltown part of, Ballybane, Aungierstown and Ballybane, Kilbride, Kilcarbery, Nangor, Kilmahuddrick, Esker South and Kishoge.</p> <p>The proposed development is primarily located within the evolving industrial development area to the west of Clondalkin and to the south of Lucan. The proposed development also includes works to, and along the alignment of, the existing Inchicore-Maynooth 220 kV double-circuit overhead line which is located within, or in proximity to, the development areas of Adamstown and Esker South.</p> <p>The development includes works to be carried out within the Clonburris Strategic Development Zone and Adamstown Strategic Development Zone.</p>
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Ordnance Survey Map Ref No (and the Grid Reference where applicable)

OSI Discovery Series Mapping Sheet Nos.
O-2822 & O-3022.
OSI 1:2500 Sheet Nos.
3260-C, 3260-D, 3261-C, 3325-A, 3325-B, 3325-C, 3325-D, 3326-A and 3326-C
OSI 1:1000 Sheet Nos.
3326-02 and 3326-07

Area of site to which the application relates in hectares (ha)

The entire application area (red line planning boundary) covers an area of approximately 30 hectares (ha) and comprises the below linked components:

- Substation site (approximately 3 ha);
- Two interface compound sites (western and eastern);
- A terminal tower adjacent to each interface compound site (total of 2 towers);
- An access route connecting the eastern interface compound to Lynches Lane (L-5218-1);
- An access route connecting the western interface compound to the R120 road;
- Preferred 220 kV Cable Route (Option A);
- Alternative 220 kV Cable Route (Option B);
- Proposed 110 kV Cable Route; and
- Removal of approximately 3 km of the existing Inchicore-Maynooth 220 kV double-circuit overhead line.

Site zoning in current Development Plan for the area:

Lands are currently zoned:

EP2 (To facilitate opportunities for manufacturing, research and development facilities, light industry and employment and enterprise related uses in industrial areas and business parks): Substation site and 110 kV cable route.

B (To protect and improve rural amenity and to provide for the development of agriculture): Western interface compound site, adjacent terminal tower and access route.

A1 (To provide for new residential communities in accordance with approved Area Plans): Eastern interface compound site, adjacent terminal tower and access route.

Lands zoned B, EP2, A1 (as outlined above), F (To preserve and provide for open space and recreational amenities) and through part of the Clonburris Strategic Development Zone: Four 220 kV cable routes to be positioned in or close to existing roads within these zonings.

Lands zoned B, F and A1 (as outlined above) and in part of the Adamstown Strategic Development Zone: A section of the existing 220 kV double-circuit overhead line to be removed crosses through these land zonings.

See Land Zoning Map in Schedule 2 attached to this application form.

Existing use of the site & proposed use of the site:

	Existing Use	Proposed Use
Substation Site	Primarily Agriculture	Transmission substation
Western Interface Compound Site and access route	Primarily Agriculture	Interface compound and 220 kV cable wayleave under access route
Eastern Interface Compound Site and access route	Disused ground with some grazing	Interface compound, 220 kV cable wayleave and access route
220 kV Cable Route Option A (preferred cable route)	Primarily regional roads / adjacent road margins / agriculture / business park	A permanent wayleave for 220 kV cable routes
220 kV Cable Route Option B (alternative cable route)	Primarily Agriculture to the west and regional roads (R136 and R134) to the east/ southeast/ business park lands to the south	A permanent wayleave for 220 kV cable routes
110 kV Cable Route	Internal Grange Castle Business Park road / Baldonnel Road L2001-1	A permanent wayleave for the 110 kV cable route
Existing Inchicore to Maynooth 220 kV overhead line – section to be removed	Currently crossing predominantly agricultural lands / open spaces	Agricultural lands / open spaces (without existing overhead line)
Terminal Towers	western interface compound - primarily agriculture eastern interface compound - disused ground with some grazing	A terminal tower adjacent to each interface compound within existing land uses

Name of the Planning Authority(s) in whose functional area the site is situated:
South Dublin County Council

7. Legal Interest of Applicant in respect of the site the subject of the application

Please tick appropriate box to show applicant's legal interest in the land or structure:	Owner	Occupier
	Other ✓	
<p>Where legal interest is "Other", please expand further on your interest in the land or structure.</p> <p>EirGrid plc is the licensed Transmission System Operator for Ireland pursuant to the provisions of the <i>Electricity Regulation Act, 1999</i>. Pursuant to the provisions of S.I. No 445/2000, EirGrid plc has the exclusive function to operate and ensure the maintenance of and, if necessary, develop a safe, secure, reliable, economical and efficient electricity transmission system.</p> <p>The Electricity Supply Board (ESB) is the licensed Transmission System Owner for Ireland pursuant to Section 14 of the <i>Electricity Regulation Act, 1999</i>. The role of the ESB is to ensure that the transmission system is developed and maintained in accordance with the requirements set down by EirGrid.</p> <p>The proposed transmission infrastructure will be constructed by the ESB pursuant to statutory powers.</p>		
<p>If you are not the legal owner, please state the name and address of the owner and supply a letter from the owner of consent to make the application as listed in the accompanying documentation.</p> <p>As above. Please refer to Schedule 3 for ESB letter of consent.</p>		
<p>Does the applicant own or have a beneficial interest in adjoining, abutting or adjacent lands. If so, identify the lands and state the interest.</p> <p>EirGrid plc, the applicant for approval, does not have a beneficial interest in adjoining, abutting or adjacent lands.</p>		

8. Site History

Details regarding site history (if known):

Has the site in question ever, to your knowledge, been flooded?

Yes: ☐ No: ☒

If yes, please give details e.g. year, extent:

Are you aware of previous uses of the site e.g. dumping or quarrying?

Yes: ☐ No: ☒

If yes, please give details:

Are you aware of any valid planning applications previously made in respect of this land/ structure?

Yes: ☐ No: ☒

If yes, please state planning register reference number(s) of same if known and details of applications

Reg.Ref.No:	Nature of Proposed Development	Nature of Final Decision of Application Grant of Refusal by Planning Authority/An Bord Pleanala

If a valid planning application has been made in respect of this land or structure in the 6 months prior to the submission of this application, then any required site notice must be on a yellow background in accordance with Article 19(4) of the Planning and Development regulations 2001 as amended.

Not Applicable – no planning application has been made in respect of subject lands.

Is the site of the proposal subject to a current appeal to An Bord Pleanala in respect of a similar development?

Yes: [☐] No:[☒]

If yes please specify

An Bord Pleanala Reference No.:

9. Description of the Proposed Development

Brief description of nature and extent of development

The West Dublin 220/110 kV Substation and Associated Works project, which will be the subject of the application for approval, is required to reinforce the electricity network in the Grange Castle area of west Dublin, which is evolving as a major centre for high technology, power-dependent companies. The proposed development consists of the following principal elements:

- A 220/110 kV Gas Insulated Switchgear (GIS) substation compound, on an approximately three hectare site (including associated landscaped space) situated in the townlands of Ballybane and Aungierstown and Ballybane. Access to the proposed substation compound will be via a vehicular access road, approximately 65m long and 6m wide, off the northern side of an existing 7m wide private road within this overall industrial development area. The main elements of the substation comprise:
 - A 220 kV substation building of approximately 720 square metres, rising to approximately 16.6m over ground level;
 - A 110 kV substation building of approximately 528.3 square metres, rising to approximately 14.5m over ground level;
 - 4 no. associated 220 kV to 110 kV transformers sited within transformer bunds;
 - Associated external over ground electrical equipment and apparatus including cable sealing ends, surge arrestors, conductor support structures, post insulators, lightning monopoles (approximately 15m over ground), lighting and associated underground cabling;
 - Associated ancillary drainage works;
 - Associated site development and landscaping works;
 - Associated substation car parking (12 spaces), vehicular circulation route, and other hard surfacing,; and
 - Associated 2.6m (approximately) high metal palisade substation perimeter fence, including substation entrance gates approximately 5.1m wide.
- Two interface compound sites (approximately 0.1 ha each) to connect the existing Inchicore-Maynooth 220 kV double-circuit overhead line to the proposed substation by means of underground cable. The western interface compound is to be situated in the townland of Gollierstown and the eastern interface compound is to be situated in the townland of Kishoge:
 - Both interface compounds include electrical equipment and apparatus including 2 no. gantries (each rising to approximately 20m over ground), cable sealing ends and surge arrestors, as well as associated hard surfacing, site drainage, and a 2.6m (approximately) high metal palisade perimeter fence including a vehicular entrance gate approximately 5.1m wide;
 - Associated ancillary drainage works;
 - Associated site development and landscaping works;
 - Vehicular access to the western interface compound will

be via a new access route approximately 1.3km long and 5m wide, connecting to the western side of the R120 regional road via an existing access road currently serving the Lucan Sarsfields GAA Club sports grounds. Vehicular access to the eastern interface compound will be via a new access route approximately 240m long and 5m wide, connecting to the north-western side of Lynches Lane (L-5218-1); and

- A lattice steel terminal tower (approximately 38.7m in height) will be located adjacent to each interface compound under the existing alignment of the Inchicore-Maynooth 220 kV double-circuit overhead line (i.e. 2 no. terminal towers are proposed), and which will direct the existing double-circuit overhead line into the proposed interface compounds.
- The associated removal of a section (approximately 3 km in length) of the existing Inchicore-Maynooth 220 kV double-circuit overhead line in the townlands of Gollierstown, Finnstown, Adamstown, Grange, Esker South and Kishoge, including removal of 13 no. existing towers.
- Four 220 kV underground cables connecting the two interface compound sites with the new substation. These comprise:
 - Two 220 kV underground cables carrying the double-circuit from the western interface compound via the proposed interface compound access route, and the planned upgraded R120 and R134 regional roads (both of which are the subject of Part 8 Approval for such road upgrade), as well as a proposed cable route corridor of approximately 315m between the alignment of the upgraded R134 and the proposed substation site. As an alternative in the scenario where such planned road upgrade is delayed, the underground cable will be laid generally adjacent to these existing road alignments, but outside the area of the approved upgrade. This alternative option will connect to the proposed substation site via the Baldonnel Road L2001-1 and a cable corridor located adjacent to the private road within this overall industrial development area; and
 - Two underground cables including associated cable joint bays carrying the double-circuit from the eastern interface compound via the R136 and R134 regional roads, running under lands immediately south of the R134 road at Grange Castle Golf Course and within the Profile Park industrial development area to the proposed substation site. As an alternative in the scenario where use of the Profile Park industrial development area cannot be facilitated, the underground cable will be laid within the alignment of the R134. This alternative option will connect to the proposed substation via a cable route corridor of approximately 315m between the alignment of the R134 and the proposed substation site.
- One 110 kV underground cable connecting the proposed substation with the existing 110 kV Corkagh substation

	<p>located within the existing Grange Castle Business Park. This cable will be laid within the existing access road also proposed to provide vehicular access to the proposed West Dublin substation, as well the Baldonnell Road L2001-1 and an internal access road within Grange Castle Business Park.</p> <ul style="list-style-type: none">• All associated and ancillary site development works.
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10. In the case of mixed development (e.g. residential, commercial, industrial, etc), please provide breakdown of the different classes of development and a breakdown of the gross floor area of each class of development.

Class of Development:	Gross Floor Area in m ²
Not Applicable	Not Applicable

11. Where the application relates to a building or buildings:

Gross floor space of any existing buildings(s) in m ²	None
Gross floor space of proposed works in m ²	approximately 1,248.3m ²
Gross floor space of work to be retained in m ² (if appropriate)	None
Gross floor space of any demolition in m ² (if appropriate)	Not Applicable – NB the project includes demolition of a portion of an existing overhead line

12. In the case of residential development please provide breakdown of residential mix.

Number of	Studio	1 Bed	2 Bed	3 Bed	4 Bed	4+ Bed	Total
Houses							Not Applicable
Apartments							Not Applicable
Number of car-parking spaces to be provided		Existing:	Proposed:			Total:	

13. Social and Affordable Housing.

Please tick appropriate box:	Yes	No
<i>Is the application an application for permission for development to which Part V of the Planning and Development Act 2000 applies?</i>		<input checked="" type="checkbox"/>
<p>If the answer to the above question is "yes" and the development is not exempt (see below), you must specify, as part of your application, the manner in which you propose to comply with section 96 of Part V of the Act.</p> <p>If the answer to the above question is "yes" but you consider the development to be exempt by virtue of section 97 of the Planning and Development Act 2000, a copy of the Certificate of Exemption under section 97 must be submitted (or, where an application for a certificate of exemption has been made but has not yet been decided, a copy of the application should be submitted).</p> <p>If the answer to the above question is "no" by virtue of section 96 (13) of the Planning and Development Act 2000, details indicating the basis on which section 96 (13) is considered to apply to the development should be submitted.</p>		

14. Where the application refers to a material change of use of any land or structure or the retention of such a material change of use:

Existing use (or previous use where retention permission is sought)

- Substation site - agricultural lands.
- Western interface compound site and adjacent terminal tower - agricultural lands.
- An access route to the western interface compound site - agricultural lands.
- Eastern interface compound site and adjacent terminal tower – disused ground with some grazing.
- An access route to the eastern interface compound site - disused ground with some grazing.
- Existing 220 kV double-circuit overhead line to be removed – crosses predominantly agricultural lands / open spaces.
- 220 kV Cable Route Option A (preferred cable route) – agricultural/regional roads/ adjacent road margins/ business park.
- 220 kV Cable Route Option B (alternative cable route) – agricultural lands / regional roads/business park.
- 110 kV cable route – internal business park road / Baldonnell Road L2001-1.

Proposed use (or use it is proposed to retain)

- Substation site – transmission substation.
- Western interface compound site – interface compound and 220 kV cable route wayleave, including adjacent terminal tower.
- An access route to the western interface compound site - new access route to the western interface compound site.
- Eastern interface compound site – interface compound and 220 kV cable route wayleave, including adjacent terminal tower.
- An access route to the eastern interface compound site - new access route to the eastern interface compound site.
- Existing 220 kV double-circuit overhead line to be removed - removal of overhead line and associated towers – continuing as agricultural lands / open space.
- 220 kV Cable Route Option A (preferred cable route) – permanent 220 kV cable route wayleave.
- 220 kV Cable Route Option B (alternative cable route) – permanent 220 kV cable route wayleave.
- 110 kV cable route – A permanent wayleave for the 110 kV cable route on internal business park road / Baldonnel Road L2001-1.

Nature and extent of any such proposed use (or use it is proposed to retain).

See description of development – Items 6 and 9

15. Development Details

Please tick appropriate box:	If answer is yes please give details	YES	NO
Does the proposed development involve the demolition of a Protected Structure(s), in whole or in part?			√
Does the proposed development consist of work to a protected structure and/or its curtilage or proposed protected structure and/or its curtilage?			√
Does the proposed development consist of work to the exterior of a structure which is located within an architectural conservation area (ACA)?			√
Does the application relate to development which affects or is close to a monument or place recorded under section 12 of the National Monuments (Amendment) Act, 1994. The proposed development is located close to a number of monuments or places recorded under section 12 of the National Monuments (Amendment) Act, 1994. (See Chapter 12 in the Planning and Environmental Considerations Report).		√	
Does the application relate to work within or close to a European Site or a Natural Heritage Area? Proposed Cable Route Option A (preferred western cable route) will include two 220 kV cables being laid within the R120 road which crosses the Grand Canal proposed Natural Heritage Area (pNHA). Proposed Cable Route Option B (alternative western cable route) will include two 220 kV cables crossing underneath the Grand Canal pNHA using horizontal directional drilling. Two 220 kV cables will also cross the Grand Canal pNHA within the existing R136 road to the east of the study area.		√	
Does the development require the preparation of a Natura Impact Statement? An Appropriate Assessment Screening was undertaken as part of the project (see Appendix 9-1 in the Planning and Environmental Considerations Report). It concluded that there will not be any significant direct or indirect impacts to the conservation objectives of the habitats or species of the listed Natura 2000 sites within a 15 km radius of the proposed works, either alone or in combination with other plans or projects, as a result of the proposed development.			√

<p><i>Does the proposed development require the preparation of an Environmental Impact Statement?</i></p> <p>An Environmental Impact Assessment Screening was carried out and concluded that this project does not require an Environmental Impact Statement (see Appendix 2-1 in the Planning and Environmental Considerations Report).</p>		√
<p><i>Do you consider that the proposed development is likely to have significant effects on the environment in a transboundary state?</i></p>		√
<p><i>Does the application relate to a development which comprises or is for the purpose of an activity requiring an integrated pollution prevention and control license</i></p>		√
<p><i>Does the application relate to a development which comprises or is for the purpose of an activity requiring a waste license?</i></p>		√
<p><i>Do the Major Accident Regulations apply to the proposed development?</i></p>		√
<p><i>Does the application relate to a development in a Strategic Development Zone?</i></p> <p>As part of the proposed development, two 220 kV cables will cross the western edge of the Clonburris SDZ within the existing R136 road.</p> <p>The section of existing 220 kV double-circuit overhead line to be removed crosses the southern boundary of the Adamstown SDZ.</p>	√	
<p><i>Does the proposed development involve the demolition of any habitable house?</i></p>		√

16. Services

<i>Proposed Source of Water Supply</i>
Existing connection: <input type="checkbox"/> New Connection: <input checked="" type="checkbox"/>
Public Mains: <input checked="" type="checkbox"/> (substation)] Group Water Scheme: <input type="checkbox"/> Private Well: <input type="checkbox"/>
Other (please specify):
Name of Group Water Scheme (where applicable):
<i>Proposed Wastewater Management / Treatment</i>
Existing: <input type="checkbox"/> New: <input checked="" type="checkbox"/>
Public Sewer: <input checked="" type="checkbox"/> (substation)] Conventional septic tank system: <input type="checkbox"/>
Other on site treatment system: <input type="checkbox"/> Please Specify:
<i>Proposed Surface Water Disposal:</i>
Public Sewer / Drain: <input type="checkbox"/> Soakpit: <input type="checkbox"/>
Watercourse: <input checked="" type="checkbox"/> Other: <input type="checkbox"/> Please specify:

17. Notices

Details of public newspaper notice- paper(s) and date of publication
The public notice was published in the following newspapers:
<ul style="list-style-type: none">• Irish Independent (17th December 2015)• Clondalkin Gazette (17th December 2015)• Lucan Gazette (17th December 2015)
Copy of page(s) of relevant newspaper enclosed Yes: <input checked="" type="checkbox"/> No: <input type="checkbox"/>
See Schedule 4 attached to this application form.
Details of site notice, if any,- location and date of erection
Three site notices are erected for this planning submission. The approximate locations of the site notices are as follows:
1. Site notice 1 is positioned adjacent to the R120 road at the entrance to Adamstown Industrial Estate/entrance lane to Lucan Sarsfields GAA club Irish Grid Coordinates: E 302954, N 232373 ITM Coordinates: E 702882, N 732399
2. Site notice 2 is positioned at the Ninth Lock Road next to the entrance of

Lynches Lane (L-5218-1)
Irish Grid Coordinates: E704796, N 732997
ITM Coordinates: E304868, N 232970

3. Site notice 3 is positioned at the entrance to Site D adjacent the Baldonnel Road L2001-1.
Irish Grid Coordinates: E 302820, N 230769
ITM Coordinates: E702749, N 730797

Date of erection of site notice(s): 16th December 2015

Copy of site notice enclosed Yes: [☒] No:[☐]

See Schedule 5 attached to this application form.

Details of other forms of public notification, if appropriate e.g. website

The application may be viewed on the following website:

www.eirgridwestdublinproject.ie

Other forms of public notification include: Mass mailing to project stakeholders including landowners and local print.

18. Pre-application Consultation:

Date(s) of statutory pre-application consultations with An Bord Pleanála

- 9th April 2015
- 13th July 2015
- 3rd November 2015

Schedule of any other pre application consultations -name of person/body and date of consultation to be provided as appropriate and also details of any general public consultations i.e. methods, dates, venues etc. This can be submitted as a separate schedule with the application form.

Enclosed: See Chapter 5 of the Planning and Environmental Considerations Report. Also see Schedule 6 attached to this application form which includes a summary of pre-application consultation.

Yes: [☒] No:[☐]

Schedule of prescribed bodies to whom notification of the making of the application has been sent and a sample copy of such notification.

Enclosed: See Schedule 7 attached to this application form which identifies the prescribed bodies to whom notification of the making of the application has been sent and a copy of the letter of such notification.

Yes: [☒] No:[☐]

19. Application Fee.

Fee Payable €100,000

I hereby declare that, to the best of my knowledge and belief, the information given in this form is correct and accurate and that the application documents being deposited at the planning authority offices, and any other location specified by the Board in pre application consultations, including a website (if any) will be identical to the application documents being deposited with the Board.

Signed:

(Applicant or Agent as appropriate)

David Gorman

TOBIN Consulting Engineers

Date: 18/12/2015

General Guidance Note:

The range and format of material required to be compiled/submitted with any application in respect of a proposed strategic infrastructure development shall generally accord with the requirements for a planning application as set out in the Planning and Development Regulations, 2001 to 2011 and those Regulations should therefore be consulted prior to submission of any application.