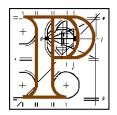
An Bord Pleanála



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

 Please specify the statutory provision under which your application is being made: 	Section 182A of the Planning and Development Act 2000, as inserted by the Planning and Development (Strategic Infrastructure) Act, 2006 and as amended by the Planning and Development (Amendment) Act, 2010 and the Environment (Miscellaneous Provisions) Act, 2011.
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2. Applicant:

 Name of Applicant:
 EirGrid plc, with the consent and approval of the Electricity Supply

 Board
 Address:

 EirGrid plc
 The Oval

160 Shelbourne Road Ballsbridge Dublin 4

Telephone No: +353 (0) 1 6771700

Email Address (if any):

laoiskilkennyreinforcement@eirgrid.com

Fax Number (if any): +353 (0) 1 661 5375

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

Name(s) of company director(s): Bernie Gray, Dr. Gary Healy, Doireann Barry, Martina

Moloney, Regina Moran, Liam O'Halloran, Bride Rosney, Dr Joan Smyth, Richard Sterling

Registered Address (of company):

The Oval 160 Shelbourne Road Ballsbridge Dublin 4

Company Registration No: 338522

Telephone No. +353 (0) 1 6771700

Email Address (if any): info@eirgrid.com

Fax Number (if any): +353 (0) 1 661 5375

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

Name: ESBI Engineering and Facility Management Limited.

Address:

ESB International, Stephen Court, 18-21 St. Stephen's Green, Dublin 2.

Telephone No. +353 (0) 1 7038471

Mobile No. (if any)

Email address (if any) shane.mcloughney@esbi.ie

Fax No. (if any) +353 (0) 1 6623241

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:

Ray Niland (EirGrid Project Manager): +353 (0) 1 2370492

5. Person responsible for preparation of Drawings and Plans:

Name: Shane McLoughney

Firm/Company: ESBI Engineering and Facility Management Limited.

Address:

ESB International, Stephen Court, 18-21 St. Stephen's Green, Dublin 2.

Telephone No: +353 (0) 1 7038471

Mobile No. (if any)

Email address (if any) shane.mcloughney@esbi.ie

Fax No. (if any) +353 (0) 1 6623241

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 Register in Schedule 1 of Volume 1 of the application documentation.

6. Site:

Site Address/Location of the Proposed Development (as may best identify the land or structure in question)	Coolnabacky Substation SiteIrish Grid Coordinates : X-253805.465 Y-192858.791ITM Coordinates : X-653744.306 Y-692894.365Located in the townlands of CoolnabackyBallyragget SubstationIrish Grid Coordinates : X-244375.191 Y-172146.143ITM Coordinates : X-644316.040 Y-672186.254Located in the townland of MoatparkKilkenny SubstationIrish Grid Coordinates : X-256100.196 Y-154657.995ITM Coordinates : X-656038.459 Y-654701.871Located in the townland of Sport	
	Located in the townland of Scart	
	Proposed electricity transmission infrastructure, and	

	associated works in the townlands Coolnabacky, Money Lower, Lou Timogue), Esker, Ballygormill So Raheenduff Big, Ballinaclogh Lo Garryglass, Clarbarracum, B Aghnacross, Boleybawn, Cloghog in Co. Laois and the townlands Ballynalacken, Ballymartin, Tinna Moatpark, Ballyragget, Donaghm Shanganny, Swiftsheath, Tullow Ballyrafton, Bullockhill, Kilm Radestown South, Radestown Nor Kingsland (E.D Kilkenny), Arche Leggetsrath East, Cellarstown Lo Higginstown, Templemartin (E.I Ratheenmore and Scart (E.D. Dunt	ighteeog, Carrigeen (E.D. buth, Cremorgan, Baunree, ower, Ballinaclogh Upper, oleybeg, Knockardagur, e and Ironmills or Kilrush of Loughill, Ballyoskill, lintan, Sraleagh, Rathduff, ore, Connahy, Foulksrath, wglass, Gragara, Mohil, ademoge, Dunmorepark, rth, Kyleroe, Brownstown, ersrath, Cellarstown West, ower, Cellarstown Upper, D. Clara), Rathbourn or
Ordnance Survey Map Ref No (and the Grid Reference where applicable)	OSI 6 inch Laois: 18, 19, 24, 25 & 30 Kilkenny: 1, 4, 5, 9, 10, 14, 19 & 2	0.
	OSI Discovery Series 50,000 54, 55, 60, 61, 67, & 68.	
	OSI 2,500 Laois - 18, 19, 24, 25, & 30 Kilkenny - 1, 4, 5, 9, 10, 14, 19, &	20.
	OSI 5,000 4001, 4059, 4060, 4118, 4119, 417 4350, 4408, 4466, 4525, 4526, 458 4706, 4767 & 4768.	
Area of site to which the app	lication relates in hectares	Coolnabacky Substation Site and access road: 7.6 ha Ballyragget Substation: 1.5 ha Kilkenny Substation: 2 ha
Site zoning in current Development Plan for the area:		
Coolnabacky Substation: None Ballyragget Substation: None Kilkenny Substation: None Overhead lines: None		
Existing use of the site & proposed use of the site:		
Coolnabacky Substation Site Existing Use: Agricultural.		

Coolnabacky Substation Site Proposed Use: Substation, access road and ancillary works.

Ballyragget Substation <u>Existing</u> Use: ESB Substation and adjacent field within ESB ownership.

Ballyragget Substation Proposed Use: Same.

Kilkenny Substation Existing Use: ESB Substation.

Kilkenny Substation Proposed Use: Same.

In the case of overhead lines no change of use will occur.

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

Laois County Council and Kilkenny 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 🗸	

Where legal interest is "Other", please expand further on your interest in the land or structure.

EirGrid is the licensed Transmission System Operator for Ireland pursuant to Section 14 of the Electricity Regulation Act 1999. The proposed transmission infrastructure will be constructed by the Electricity Supply Board pursuant to statutory powers and in accordance with Sections 45, 51, 52 and 53 of the Electricity (Supply) Act, 1927, as amended.

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.

Consent of owner of Ballyragget and Kilkenny Substations (ESB).

A letter of consent and approval to the making of the application from the Electricity Supply Board of 27 Lower Fitzwilliam St, Dublin 2 is appended to this application. The Electricity Supply Board is the licensed Transmission System Owner for Ireland pursuant to Section 14 of the Electricity Regulation Act 1999.

The site for the proposed substation in Coolnabacky is owned by Mr. Denis Lowry, Cremorgan, Timahoe, Co. Laois.

Letters of consent and approval to the making of the application from Mr. Denis Lowry, Cremorgan, Timahoe, Co. Laois and Mr. Patrick Lowry, Esker, Timahoe, Co. Laois are attached.

Does the applicant own or have a beneficial interest in adjoining, abutting or adjacent lands. If so, identify the lands and state the interest.

No

8. Site History

Details regarding site history (if known):		
Coolnabacky Ye Ballyragget Yes	question ever, to your knowledge, b es: [] No:[✓] : [] No:[✓] [] No:[✓]	een flooded?
lf yes, please	give details e.g. year, extent:	
Are you aware	e of previous uses of the site e.g. dur	nping or quarrying?
Ballyragget Yes	es: [] No: [✔] : [] No: [✔] [] No: [✔]	
lf yes, please	give details:	
	e of any valid planning applicatior s land / structure?	ns previously made in
Ballyragget Yes Kilkenny Yes:	es: [] No:[✔] : [✔] No:[] [✔] No:[] state planning register reference nun ications	nber(s) of same if known and
Reg.Ref.No:	Nature of Proposed Development	Nature of Final Decision of Application Grant of Refusal by Planning Authority/An Bord Pleanála

Ballyragget		
98/10	To realign section of existing Ballyragget-Kilkenny 38kV Line at Ballyragget and to upgrade this section to 110kV Line standard	Conditional Grant
98/390	To erect 110 kV outdoor transformer station to include 3 end masts, transformers & assoc. 110kV & 38kV structures & equipment, control building, septic tank, percolation area, connecting internal roadway & revised recessed entrance off public road.	Conditional Grant
Kilkenny		
702/88	Erection of a 110kV line from the 38kV substation at Ballyragget to the 110kV substation at Kilkenny (22km).	Conditional Grant
98/114	To erect additional structures and associated equipment at E.S.B.'s existing 110kV and Substation	Conditional Grant
02/1416	Development of a new Station Control Building, including cable ducting, equipment bases, masts and girders, replacement and relocation of the compound fence in Kilkenny 110KV substation. All works will be carried out within the existing boundary site. The station is located at the townland of Scart, Dublin Rd., Kilkenny	Conditional Grant
05/452	To erect a 38kV overhead line from a new steel mast in an existing 110kV station in the townland of Scart, through the townlands of Scart, Rathbourn or Ratheenmore, Coneygar, Kingsland (E.D. Clara), Eagleshill, Higginstown, Cellarstown Upper, Cellarstown West, Cellarstown East, Archersrath, Greenridge, Kingsland (E.D. Kilkenny) and Garrincreen to an existing steel mast position in the townland of Garrincreen, Co. Kilkenny.	Conditional Grant
08/404	Alterations to the existing station comprising the installation of a capacitor bank containing current transformers, capacitors, chokes, surge arresters, CAIS bay and disconnects and the relocation of an existing 110KV tower within ESB property. Ancillary works to include chain-link screening and foundations	Conditional Grant

10/3 Amendment to previously approved application Reg. Ref: 08/404. The amendment will consist of an extension of the existing control building, alterations to the station compound fences, the installation of 1 no. 110kV line bay, 1. no 110kV coupler bay, associated electrical equipment and necessary associated site works. The amendment will also omit the previously approved relocation of 1 no. 110kV tower and 1 no. capacitor bank.	Conditional Grant
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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.

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

Coolnabacky Yes:[]No: [✓]Ballyragget Yes:[]No: [✓]Kilkenny 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 proposed Laois-Kilkenny Reinforcement Project consists of 8 no. interrelated elements as follows:
	(i) A new 400/110kV GIS substation comprising the construction of a new 400/110kV Gas Insulated Switchgear (GIS) substation at Coolnabacky and Esker townlands, north of Timahoe, Co. Laois. This
	substation, in a site area of approx. 7.6 hectares, will consist of: 2 no. Gas Insulated (GIS) substation buildings one operated at 400kV
	(building dimensions 64m x 15.5m x 13m) and the other operated at 110kV (building dimensions approx. 50m x 11.5m x 12.5m) within a 98m x 117m compound secured by a 2.6m high palisade fence; a
	400kV gantry and associated line equipment required to divert the 400kV overhead lines into the 400kV GIS station; 2 no. 400/110kV, 500MVA transformers and 2 no. shunt reactors which will be
	positioned in transformer bunds between the two substation buildings; associated development including 8 no. separate
	sedimentation/attenuation ponds (average area 110m ²); vehicular access to the substation is via a modification to the existing private road including the existing access point; foul holding tank; and all other ancillary site works.
	(ii) A new connection to the proposed Coolnabacky substation from the existing Moneypoint - Dunstown 400kV line by way of a
	400kV overhead line in 2 no. new single circuit spans (approx. 280m

and 295m respectively) connecting to approx. 1.2km of 400kV double circuit line which brings the 400kV circuits to the proposed gantry in Coolnabacky 400/110kV substation. The proposal includes: 2 no. new 400kV single circuit angle masts of heights up to approx. 37.3m and 32.3m; 2 no. new 400kV double circuit angle masts both up to approx. 55.5m in height; and 3 no. new 400kV intermediate masts all up to approx. 57.8m in height. An existing 400kV intermediate mast on the existing 400kV line and approx. 150m of existing 400kV overhead line between the two connection points to the Moneypoint – Dunstown 400kV line will be removed.

(iii) A new connection to the proposed Coolnabacky substation from the existing Athy - Portlaoise 110kV line by replacing 2 no. existing intermediate polesets with 2 no. lattice steel line/cable interface masts both approx. 21m in height (both these structures are contained within the proposed Coolnabacky substation site adjacent to the proposed site compound). Short lengths of underground cable (approx. 100m and 190m in length) will connect the new line/cable interface masts into the 110kV building within the proposed Coolnabacky compound. Approximately 150m of existing overhead line will be removed between the 2 no. line/cable interface masts.

(iv) A new 110kV / 38kV / MV substation in Moatpark, Ballyragget, Co. Kilkenny in a site area of approx. 1.5 hectares constructed adjacent to the existing 38kV /MV Ballyragget substation. The proposed 110kV GIS substation (approx. dimensions 50m x 11.5m by 12m high) will be in a compound of 61m x 70m plan area secured by a 2.6m high palisade fence. The compound will also include: a 38kV / MV GIS substation building (approx. dimensions 24.5m x 8m by 7m high); 1 no. 31.5MVA 110/38kV transformer and 1 no. 5MVA 38/20kV transformer positioned in transformer bunds between the substation buildings; a new access road (60m long) from an existing entrance to the substation; 2 no. lightning masts each approx. 14m in height; associated development of a septic tank and percolation area, soakaway pits and all other ancillary site works.

(v) A new 110kV overhead line between the proposed Ballyragget substation and the proposed Coolnabacky substation consisting of approx. 26km of overhead line and 2 no. short lengths of cable at the approach to the proposed Ballyragget and Coolnabacky substations. The overhead line will consist of 143 no. double wood polesets up to a maximum height of approx. 22m and 17 no. lattice steel angle masts up to a maximum height of approx. 25m supporting three electrical conductors and two earthwires. Approx. 160m of underground cable connects the proposed Ballyragget 110kV building to a proposed line/cable interface mast within the Ballyragget substation site and approx. 190m of underground cable connects the proposed Coolnabacky 110kV building to the line/cable interface mast adjacent to the proposed Coolnabacky substation

(vi) An uprate to the existing Ballyragget - Kilkenny 110kV overhead line consisting of the replacement of all the structures along the existing line with similar structures along the same alignment except for the first 670m out of Ballyragget substation and the first 275m out of Kilkenny substation which are required to be

realigned as well as uprated. The development comprises approx. 21.9km of overhead line and 2 no. short lengths of cable at Ballyragget and Kilkenny substations. The overhead line will consist of 90 no. double wood polesets up to a maximum height of approx. 22m and 14 no. lattice steel angle masts up to a maximum height of approx. 25m supporting three electrical conductors. Approx. 215m of underground cable connects the proposed Ballyragget 110kV building to a proposed line/cable interface mast and approx. 50m of underground cable connects the line/cable interface mast to the electrical equipment in Kilkenny substation
(vii) A new bay in the existing Kilkenny 110kV substation of dimensions measuring approx. 20m x 6m x 5m high consisting of the installation of outdoor air insulated equipment including, circuit breaker, disconnects and instrument transformers mounted on concrete plinths; the removal of the existing end mast; and all other ancillary site works
(viii) Modifications to existing Athy - Portlaoise 110kV line comprising the replacement of existing structures along a portion of the existing Athy – Portlaoise 110kV line from the proposed Coolnabacky substation south-eastwards towards Athy for approx. 2.3km and from the proposed Coolnabacky substation north- westward towards Portlaoise for approx. 1.3km. The replacement structures, which will be of a generally similar form and character to those existing, will be fitted with earthwire. 1 no. existing poleset structure will be replaced with a lattice steel angle mast. The proposed replacement overhead line will thereby consist of 17 no. double wood polesets up to a maximum height of approx. 22m and 2 no. lattice steel angle masts up to a maximum height of approx. 25m. The application for approval includes all associated and ancillary site works.

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

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

	Ballyragget - 17m ²
m ²	Kilkenny - 455m ²
Gross floor space of proposed works in m ²	Substation buildings:
	$Coolnabacky - 2,116m^2$
	Ballyragget $-1,170m^2$
	Kilkenny - 0m ²

Gross floor space of work to be retained in m ² (if	Ballyragget - 0m ²
appropriate)	Kilkenny - 455m ²
Gross floor space of any demolition in m ² (if	Ballyragget - 17m ²
appropriate)	Kilkenny - 0m ²

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

Number of	Studio	1 Bed	2 Be	ed	3 Bed	4 Bed	4 + Bed	Total
Houses								Not Applicable
Apartments								Not applicable
Number of car-parking spaces to be provided		Exis	Existing: Pr		oposed:	1	Total: N	lot Applicable

13. Social and Affordable Housing.

Please tick appropriate box:	Yes	No
Is the application an application for permission for development to which Part V of the Planning and Development Act 2000 applies?		\checkmark

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 too comply with section 96 of Part V of the Act.

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 2000₈, 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).

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.

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)

Coolnabacky Substation Site: Agricultural.

Ballyragget Substation: ESB Substation and adjacent field within ESB ownership

Kilkenny Substation: ESB Substation.

Proposed use (or use it is proposed to retain)

Coolnabacky Substation Site: Substation, access road and ancillary works.

Ballyragget Substation: ESB Substation.

Kilkenny Substation: ESB Substation.

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

Transmission infrastructure.

15. Development Details

Please tick appropriate box:	If answer is yes please give details	YES	NO
Does the proposed developm a Protected Structure(s), in w			✓
Does the proposed developm protected structure and/or its protected structure and/or its	curtilage or proposed		~
Does the proposed developm exterior of a structure which is architectural conservation are	s located within an		✓
Does the application relate to or is close to a monument or section 12 of the National Monument	place recorded under		~
Does the application relate to European Site (under S.I. No. Heritage Area?		See the NIS and Chapter 6 of Environmental Report	
Does the proposed developm of an Environmental Impact S			 ✓
Do you consider that the prop to have significant effects on transboundary state?	•		 ✓

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	✓
Does the application relate to a development which comprises or is for the purpose of an activity requiring a waste license?	✓
Do the Major Accident Regulations apply to the proposed development?	~
Does the application relate to a development in a Strategic Development Zone?	~
Does the proposed development involve the demolition of any habitable house?	~

16. Services

Proposed Source of Water Supply COOLNABACKY
Existing connection: [] New Connection: []
Public Mains: [] Group Water Scheme: [] Private Well:[]
Other (please specify):
Name of Group Water Scheme (where applicable):
Dreneged Western Meneroment / Treetment
Proposed Wastewater Management / Treatment:
Existing: []New:[✓]
Public Sewer: [] Conventional septic tank system: []
Other on site treatment system: [✓] Please Specify: Foul Holding Tank emptied periodically.
Proposed Surface Water Disposal::
Public Sewer [] Drain:[] Soakpit:[]
Watercourse: [] Other: [✓] Please specify: Attenuation pond system with release thereafter to adjacent watercourse.

Proposed Source of Water Supply BALLYRAGGET			
Existing connection: [] New Connection: []			
Public Mains: [🗸] Group Water Scheme: [] Private Well:[]			
Other (please specify):			
Name of Group Water Scheme (where applicable):			
Proposed Wastewater Management / Treatment:			
Existing: []New:[]			
Public Sewer: [] Conventional septic tank system: [</td			
Other on site treatment system: [] Please Specify:			
Proposed Surface Water Disposal::			
Public Sewer [] Drain:[] Soakpit:[1]			
Watercourse: [] Other: [] Please specify:			

Proposed Source of Water Supply KILKENNY			
Existing connection: [] New Connection: []			
Public Mains: [] Group Water Scheme: [] Private Well:[]			
Other (please specify):			
Name of Group Water Scheme (where applicable):			
Branasad Wastewater Management / Treatment			
Proposed Wastewater Management / Treatment:			
Existing: [🗸] New:[]			
Public Sower: [] Conventional contintant overlam: []			
Public Sewer: [] Conventional septic tank system: []			
Other on site treatment system: [] Please Specify:			
Proposed Surface Water Disposal::			
Public Sewer [] Drain:[] Soakpit:[/]			
Watercourse: [] Other: [] Please specify:			

17. Notices

Details of public newspaper notice – paper(s) and date of publication				
Irish Independent – 23 rd January 2013 Kilkenny People – 23 rd January 2013 (printed on 23 rd January but dated 25 th January) Leinster Express – 22 nd January 2013				
Copy of page(s) of relevant newspaper enclosed Yes: [✓] No:[]				
Details of site notice, if any, - location and date of erection				
Coolnabacky Substation SiteIrish Grid Coordinates :Site Notice - 252741, 192441ITM Coordinates :Site Notice - 652680, 692477				
Ballyragget Substation Irish Grid Coordinates :				

Site Notice 1 - 244461, 172195 Site Notice 2 - 244475, 172161

ITM Coordinates : Site Notice 1 - 644403, 672233 Site Notice 2 - 644415, 672197

Kilkenny SubstationIrish Grid Coordinates :Site Notice - 256167, 154618ITM Coordinates :Site Notice - 656105, 654662

The locations of the site notices are illustrated on Drawing Numbers :

Ballyragget = PE687-D261-023-001-000 Coolnabacky = PE687-D261-025-001-000 Kilkenny = PE687-D261-024-001-000

Date of Erection of Site Notice: 24th January 2013

Copy of site notice enclosed Yes: [✓] No:[]

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

http://www.eirgridlaoiskilkenny.ie

18. **Pre-application Consultation:**

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

5th August 2009 13th July 2012 3rd Aug 2012 15th October 2012

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 Schedule 2 of Volume 1 and Chapters 3 & 4 of the Planning Report (Volume 2 of the application documentation)

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: Notification to Prescribed Bodies (Schedule 3 of Volume 1 of the application documentation)

Yes: [🗸] No:[]
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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 Ray Niland, EirGrid Project Manager	
Date: 24 th January 2013	