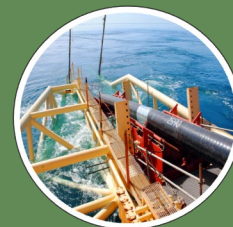


Greenlink Interconnector Limited  
Application for Consent Under Section 48 of the  
Electricity Regulation Act 1999  
DRAFT

Greenlink Interconnector  
- connecting the power markets  
in Ireland and Great Britain



*Greenlink*  
INTERCONNECTOR





An Coimisiún  
um Rialáil Fóntas  
Commission for  
Regulation of Utilities

**APPLICATION FOR CONSENT UNDER SECTION 48 OF THE ELECTRICITY REGULATION ACT 1999 FOR CONSENT TO EXERCISE THE POWERS CONFERRED ON THE ESB UNDER SECTION 51 AND SECTION 52(1) OF THE ELECTRICITY (SUPPLY) ACT 1927.**

**IMPORTANT! PLEASE READ CAREFULLY!**

**PLEASE DO NOT SUBMIT YOUR SECTION 48 APPLICATION WITHOUT FULLY COMPLETING THIS FORM AND ENCLOSING ALL OF THE REQUIRED DOCUMENTATION. APPLICATION FORMS MUST BE TYPED IN BLOCK CAPITALS. PLEASE ANSWER ALL QUESTIONS, IF A QUESTION DOES NOT APPLY PUT “N/A” AS YOUR ANSWER. REFER TO THE GUIDANCE NOTE FOR SPECIFIC INSTRUCTIONS.**

**PLEASE NOTE THAT APPLICATIONS SHOULD BE SUBMITTED AT LEAST TWO MONTHS PRIOR TO THE DATE BY WHICH THE APPLICANT INTENDS TO EXERCISE THE CONSENT.**

**1. This is an application for consent to exercise the powers conferred on the ESB under:** (tick  as required)

- Section 48 of the Electricity Regulation Act, 1999 to utilise Section 51 and Section 52(1) of the Electricity (Supply) Act, 1927.

**DO YOU ALSO REQUIRE CONSENT FROM THE CRU UNDER SECTION 49 OF THE ELECTRICITY REGULATION ACT 1999 FOR CONSENT TO EXERCISE THE POWERS CONFERRED ON THE ESB UNDER SECTION 53 (1) TO (5) AND (9) OF THE ELECTRICITY (SUPPLY) ACT 1927?**

- Yes
- No

**If yes, please also use the “Section 49 Application Form” for consent under section 49 of the electricity regulation act 1999 for consent to exercise the powers conferred on the ESB under section 53 (1) to (5) and (9) of the electricity (supply) act 1927.**

**2. Applicant(s) Contact Details:**

<b>Applicant name</b>	Greenlink Interconnector Limited
<b>Contact address</b>	6th Floor South Bank Barrow Street Dublin 4 Ireland
<b>Phone number</b>	+353 1 614 5000
<b>Email address</b>	Paul.Hickey@greenlink.ie

<b>Names of directors</b>	Timothy Cowhig Padraig McManus Robert Warshauer Simon Merriweather Joseph Slamm Shreya Malik
<b>Company registration number</b>	536954

### **3. Point of Contact Details:**

<b>Name of Point of Contact</b>	Paul Hickey / Nigel Beresford
<b>Phone number</b>	+353 87 244 0898 / +44 (0) 2039 928088
<b>Email address</b>	Paul.Hickey@greenlink.ie / Nigel.Beresford@greenlink.ie

### **4. Details to Appear on Consent Letter:**

<b>Name</b>	Greenlink Interconnector Limited
<b>Address</b>	6th Floor South Bank Barrow Street Dublin 4 Ireland

### **5. Proposed Interconnector Details:**

<b>Details</b>	<p>Greenlink Interconnector Limited is proposing to develop an electricity interconnector ('Greenlink'), linking the existing electricity grids in Ireland and Great Britain. Greenlink will consist of two converter stations, one close to the existing 220kV substation at Great Island in County Wexford, in Ireland, and one close to the existing transmission grid substation at Pembroke in Pembrokeshire, in Wales. The converter stations will be connected by underground cables onshore and subsea cables offshore.</p> <p>The system starts at the existing 220kV GIS substation (which is owned by the ESB and operated by EirGrid) at the Great Island CCGT power station which is owned and operated by SSE. A 220kV AC cable connection runs from here to the proposed new substation 'Loughtown' which will be operated by EirGrid on the site of and connected to the proposed new Greenlink Converter Station (ITM coordinates of the centre of the station are E 669216 N 615011 ). The converter station converts AC to DC (and vice versa). The converter station at Great Island is connected to the converter station at Pembroke via a system of onshore and subsea cables. A HVDC cable (approx. 23km in length) with a nominal capacity of 500MW will run from the Great Island converter station to Baginbun Beach (close to Fethard, Co Wexford) where it will connect with the subsea cable. The ITM coordinates of the landfall (where the cable crosses the HWM mark) are E 680016 N 603508.</p> <p>The subsea HVDC cable will then run (approx. length 160km – 86km in Irish waters and 74km in UK waters) from Baginbun Beach to the coast of Wales at Freshwater West on the Pembrokeshire Coast. The coordinates of the landfall (where it crosses the HW mark) are SM 87834 00385. The subsea cable connects to an onshore HVDC cable there which runs (approx. length 7km) to the converter station at Pembroke which converts from DC to AC (and vice versa). The coordinates of the centre of the converter station are SM 93381 01636. The interconnector is then connected to the National Grid via a substation on the converter station site.</p>
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The HVAC cable actually comprises three cables and the HVDC cable comprises two cables but the singular 'cable' is used throughout for clarity and both the HVAC and HVDC cables are installed underground for their entire length.

The onshore route of the HVDC cable in Ireland is summarised as follows:

The cable will be laid in farmland after it exits the proposed converter station site at Great Island, passing northwards under the disused railway line, then eastwards in the townland of Kilmannock, before meeting the R733 road to the west of Campile, just south of Dunbrody bridge. It will cross under the Campile Estuary by means of a horizontal directional drill so as not to impact upon the estuary.

The route then heads southwards, at first along the R733 road, passing through the townlands of Dunbrody, Saltmills and Grange, then along the L4050 road, passing through the townlands of Kilhile, Rosetown and Coleman. At Suttons Cross, the cable route joins the R733 road once more, turning in an easterly direction towards Ramsgrange. After passing through Ramsgrange, at the junction of the R733 and the L4045 roads, the route turns southwards, travelling along the L4045, through the townlands of Ramsgrange, Kilbride, Ballinruan, Aldridge and Booley to Lewistown, where a temporary construction compound will be located. From Lewistown the route continues southwards on the L4045 through the townland of Kilcloggan to the junction with an unnamed local road at the Templar's Inn, in the townland of Templetown. From the junction with the L4045, the route follows the unnamed local road in a generally easterly direction through the townlands of Graigue Little and Graigue Great. The route then passes through the village of Ramstown to the junction with the L4049. At the junction with the L4049, the route turns south along the L4049, towards the coast until it reaches the field proposed for the landfall site adjacent to Baginbun Beach. The onshore cable will be connected to the subsea cable at an underground transition jointing pit at the landfall site. Ducting will be installed under Baginbun Beach by means of a horizontal directional drill which will take the cable through and then run subsea to Freshwater West on the Welsh coast.

Greenlink has an option to purchase the site for the converter station and Loughtown Substation at Great Island and also the site at Pembroke. Greenlink has entered into wayleave agreements with the landowners where the cable crosses private property (typically farmland).

**6. Agreements and Letters of Consent:**

<p><b>Detailed justification as to why Section 48 powers are required</b></p> <p><b>Original route map is required</b></p>	<p>As mentioned above in Question 5, the proposed interconnector will comprise approximately 23 kilometres of onshore cable from Great Island substation to Baginbun Beach where it will connect with the subsea cable. The cable will be installed across both private property and public road.</p> <p>The Section 48 consent is sought to install cable in the public road.</p>
<p><b>Date of when you intend to exercise the consent</b></p>	<p>Q1, 2021</p>
<p><b>Is the affected land a street or road?</b></p>	<p><input checked="" type="checkbox"/> Yes                      <input type="checkbox"/> No</p>
<p><b>If Yes, do you have valid written consent from the relevant County Council?</b></p> <p><b>Street, road opening licence is required</b></p>	<p><input type="checkbox"/> Yes                      <input type="checkbox"/> No</p>
<p><b>Is the affected land a railway or tramway?</b></p>	<p><input checked="" type="checkbox"/> Yes                      <input type="checkbox"/> No</p>



Expiry date	<div style="text-align: center;"> <input type="text"/> <input type="text"/> / <input type="text"/> <input type="text"/> / <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> </div> <p style="text-align: center; background-color: #ffff00;"><b>If more than one planning permission:</b></p> <div style="text-align: center;"> <input type="text"/> <input type="text"/> / <input type="text"/> <input type="text"/> / <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> </div> <div style="text-align: center;"> <input type="text"/> <input type="text"/> / <input type="text"/> <input type="text"/> / <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> </div>
Special conditions and limitations	N/A
Any other relevant planning information	N/A

**8. Connection Agreement Details:**

Have you got a valid connection agreement? <span style="background-color: #ffff00;">Documentary evidence is required</span>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Connection agreement number	P 285 – AM - OL
Date signed	<div style="text-align: center;"> <input type="text"/> <input type="text"/> <input type="text"/> / <input type="text"/> <input type="text"/> / <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> </div>
Expiry date	<div style="text-align: center;"> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> / <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> </div>
Maximum Export capacity as per connection agreement (kVA)	500MW
Special terms and conditions	



**9. Authorisation to Construct or Reconstruct a Generating Station Information:**

Has the authorisation to construct or reconstruct a generating station been issued? <b>Documentary evidence is required</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No
Reference number	A Draft Application file for Authorisation to Construct an Interconnector lodged with PCI Unit
Issue Date	<input type="checkbox"/> <input type="checkbox"/> / <input type="checkbox"/> <input type="checkbox"/> / <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

**10. Licence to Generate Electricity Information:**

Has the licence to generate electricity been issued? <b>Documentary evidence is required</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No
Reference number	
Issue Date	<input type="checkbox"/> <input type="checkbox"/> / <input type="checkbox"/> <input type="checkbox"/> / <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Installed capacity as per licence (MW)	

**11. Transfer of Ownership of Assets**

Have you consulted with the relevant System Operator in relation to the transfer of ownership of assets? <b>Documentary evidence is required</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Has the relevant System Operator confirmed that the transfer of ownership of assets is acceptable? <b>Documentary evidence is required</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Any other relevant information	N/A

# DECLARATION AND CONSENT

## The applicant hereby declares that:

1. The applicant shall at all times comply with lawful directions of the CRU.
2. The applicant will use these powers for the purpose of the construction of the contestable connection.
3. The applicant will transfer ownership of the contestably built connection to the relevant System Operator.
4. No activity carried out under the authorisation granted pursuant to this application will adversely affect the safety and security of the electricity system.
5. I acknowledge that the CRU and the information the CRU holds is subject to the Freedom of Information Act 2014 and the European Communities (Access to Information on the Environment) Regulations 2007 to 2014.
6. I acknowledge that the information provided on behalf of the applicant is accurate and complete in all respects. In the event of a material misstatement by an applicant in completing this application form and declaration, the CRU reserves the right to revoke the relevant consent granted.
7. I acknowledge that the CRU may revoke this consent if material inaccuracies in the information I provided are found.
8. I acknowledge that this consent is only valid for the route specified in the application.
9. I am authorised to make this declaration on behalf of the applicant.
10. I confirm that that all questions in the application form are answered and all of the information provided is complete and accurate.
11. I confirm that all of the required documentation is included with the application.
12. I confirm that I will exercise my rights under Section 48 of the Act in a proportionate and reasonable manner.
13. I acknowledge that the CRU may require clarifications or additional information in relation to my application.
14. I am an adult of sound mind and I wilfully and voluntarily make this declaration.

**Signature of  
APPLICANT**

(You must sign inside the box in black or blue ink only)

**Date**

**Print Name of  
SIGNATORY**

(You must sign inside the box in black or blue ink only)

## DOCUMENT CHECK LIST:

Send the following documents with your application. Check  each box once you enclose the item.

**Application form for Consent under Section 48 is fully completed, signed and dated.**

*Please re-check your application form and ensure that it is fully completed, signed and dated. Ensure you are completing the current version of the form by downloading it from the CRU's website at [www.cru.ie](http://www.cru.ie). Ensure you completed and signed by all appropriate persons the declaration and consent. Ensure you enclosed all of the required documentary evidence. If the application form is incorrectly completed your application will be refused and returned to you.*

**You have answered fully and appropriately all questions in this form.**

*Please re-check your application and ensure that all questions on the form are answered. If the question is not applicable to your generating station, please answer with N/A (all questions must be answered). Failure to fully complete the application form will result in your application being summarily refused and returned to you.*

**You have enclosed all required documentation with this form.**

*Please re-check to ensure that you have all of the required documentation available to include with your application. Failure to submit required documentation will result in your application being summarily refused and returned to you.*

- Photocopy of consent from the relevant County Council if the land that will be affected is a street or road (a valid road opening licence);
- Photocopy of consent from CIE if the land that will be affected is a railway or tramway;
- Photocopy of signed and dated planning permission for the contestable line (If the development is exempted – photocopy of planning exemption from County Councils and confirmation that the section 5 exemption is still valid);
- Photocopy of accepted, signed and dated connection offer from the relevant system operator for the proposed generating station;
- Photocopy of the CRU Authorisation to construct or reconstruct a generating station;
- Photocopy of the CRU Licence to generate electricity;
- Photocopy of a route map;
- Photocopy of correspondence with System Operator that the transfer of ownership of assets is acceptable.

### PLEASE NOTE:

**IF YOU SUBMIT THE APPLICATION FORM WITHOUT FULLY COMPLETING THIS FORM AND ALL OF THE REQUIRED SIGNED AND DATED DOCUMENTATION, YOUR APPLICATION WILL BE REFUSED.**

**APPLICATIONS SHOULD BE SUBMITTED AT LEAST TWO MONTHS PRIOR TO THE DATE BY WHICH THE APPLICANT INTENDS TO EXERCISE THE CONSENT.**

**THE CRU WILL ACKNOWLEDGE ONLY FULLY COMPLETED APPLICATIONS WITHIN 10 WORKING DAYS OF RECEIVING THEM. ONCE THE CRU ACKNOWLEDGE AN INITIAL APPLICATION THE CRU WILL REVIEW IT AND CONTACT YOU IF THE CRU REQUIRES CLARIFICATIONS OR ADDITIONAL INFORMATION.**

**PLEASE SEND A SOFT COPY OF YOUR FULLY COMPLETED, SIGNED AND DATED APPLICATION AND ALL REQUIRED DOCUMENTATION TO THE CRU AT [CONSENTAPPLICATION@CRU.IE](mailto:CONSENTAPPLICATION@CRU.IE).**