



Powering Up Dublin

Carrickmines to Poolbeg



EirGrid is responsible for the electricity grid in Ireland. Our work provides reliable power for all users in Ireland, as we lead the way to a low carbon future. The grid supplies electricity for our homes, businesses, schools, hospitals and farms.

We are writing to you today to provide you with a progress update on the Carrickmines to Poolbeg underground cable replacement project, which is part of Powering Up Dublin.

As Dublin's electricity infrastructure is ageing, work must be done now to transform and modernise the city's infrastructure so Dublin can continue to develop and thrive providing the necessary power for increased housing, new businesses and industry, electrification of our transport system and heating of our homes with cleaner energy solutions. This is a critical programme that will strengthen key electricity

infrastructure in Dublin and the surrounding areas, helping to make Ireland 'renewable ready'.

Powering Up Dublin involves the installation of 50km of high voltage underground cables to replace older cables across Dublin and reinforce the grid. These underground cables will link the following electricity substations to each other:

- › Finglas substation and Poolbeg substation (via North Wall)
- › Carrickmines substation and Poolbeg substation
- › Two cables linking Inchicore substation and Poolbeg substation

The project also involves substation upgrades and the construction of a new electricity transmission substation in central Dublin.

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joint bays will be located off road minimising city traffic impact

2.3km

off road through Leopardstown Racecourse lands

6km

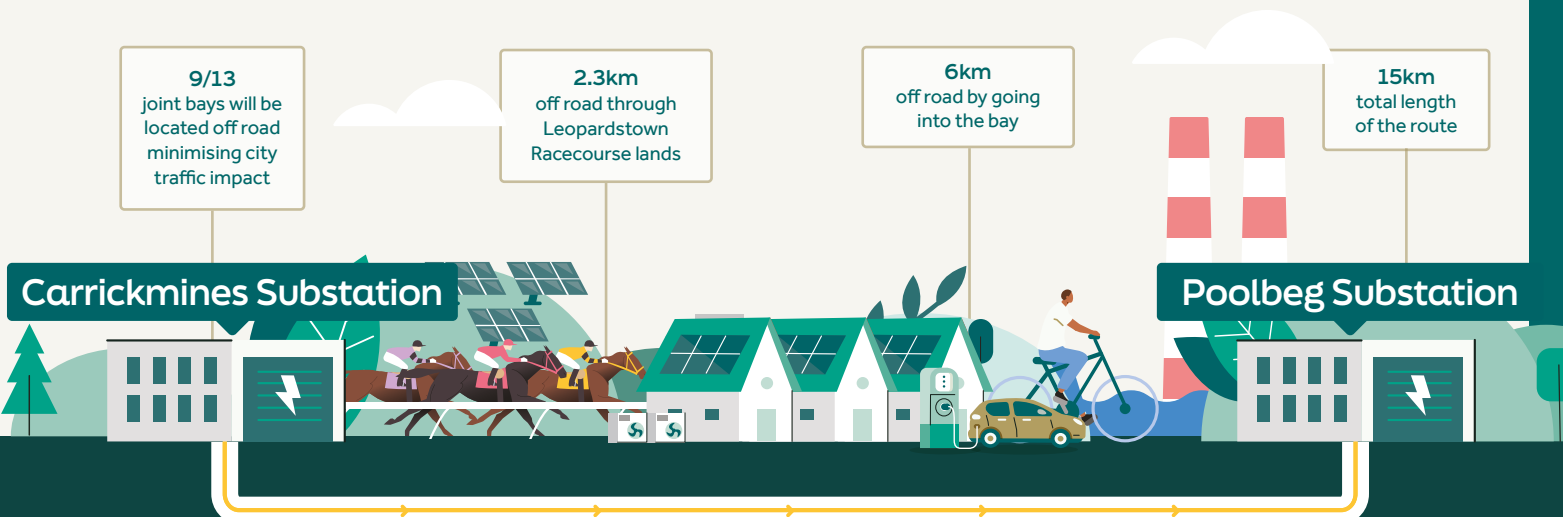
off road by going into the bay

15km

total length of the route

Carrickmines Substation

Poolbeg Substation



What has happened so far?

In 2024, EirGrid published the Best Performing Options for three of the cable routes – Finglas to North Wall, North Wall to Poolbeg and Carrickmines to Poolbeg. Feedback received during the consultation, along with engagement with local schools, public representatives, community groups, environmental groups, business groups, utilities providers, individuals and other stakeholders helped significantly to determine these routes.

Progress updates on both of the Finglas to Poolbeg and Inchicore to Poolbeg routes can be found on our website [EirGrid.ie/Dublin](https://eirgrid.ie/Dublin).

What is happening now?

Through public and stakeholder engagement, along with surveys and studies, a route has now been finalised and the project is progressing to the final step of EirGrid's six step process for grid development, subject to all relevant consents and licenses being granted.

The onshore section of the route between Carrickmines and Blackrock Park has been classified as Exempted Development in accordance with planning legislation, meaning that planning permission is not required. You can read more about this determination on our website [EirGrid.ie](https://eirgrid.ie).

Offshore licenses and planning permission will be required for the final section of the route, which will travel across Dublin Bay from Blackrock park to Pigeon House substation.

EirGrid is currently progressing Marine Area Consent (MAC) and planning applications to both the Maritime Area Regulatory Authority (MARA) and to Dublin City Council in order to obtain the relevant statutory consents for this section of the route.

What happens next?

Additional engagement with local authorities and other stakeholders will continue over the coming months to finalise design details for the Carrickmines to Poolbeg cable route. Marine surveys will also progress in Dublin Bay next year.

It is envisioned that a construction contract will be awarded in 2026 for the onshore element of the route. EirGrid will continue to liaise with the Maritime Area Regulatory Authority (MARA) and other relevant stakeholders as work progresses on the offshore cable. EirGrid will provide an update on project progress in the new year.

In acknowledging the support of local communities when delivering large infrastructure projects, EirGrid provides a Community Benefit Fund where local voluntary, community and special interest groups can apply for funding. Our fund is delivered in conjunction with local communities with the sustainable development goals at the core of its delivery. Find out more about our community benefit fund at [EirGrid.ie/community](https://eirgrid.ie/community).

In the meantime, if you have any further questions or concerns you can contact our dedicated Community Liaison Officers:



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