



Find out more at
[EirGrid.ie/Wicklow](https://eirgrid.ie/Wicklow)

Powering Up Wicklow

North Wicklow Reinforcement Project Public Information, June 2026

Who is EirGrid and what do we do?

EirGrid is a state-owned company that develops, manages, and operates Ireland's electricity grid. We are responsible for the safe, secure, and reliable supply of Ireland's electricity. EirGrid is transforming the electricity grid, with upgrades and enhancements happening right across Wicklow and Ireland.

What is Powering Up Wicklow?

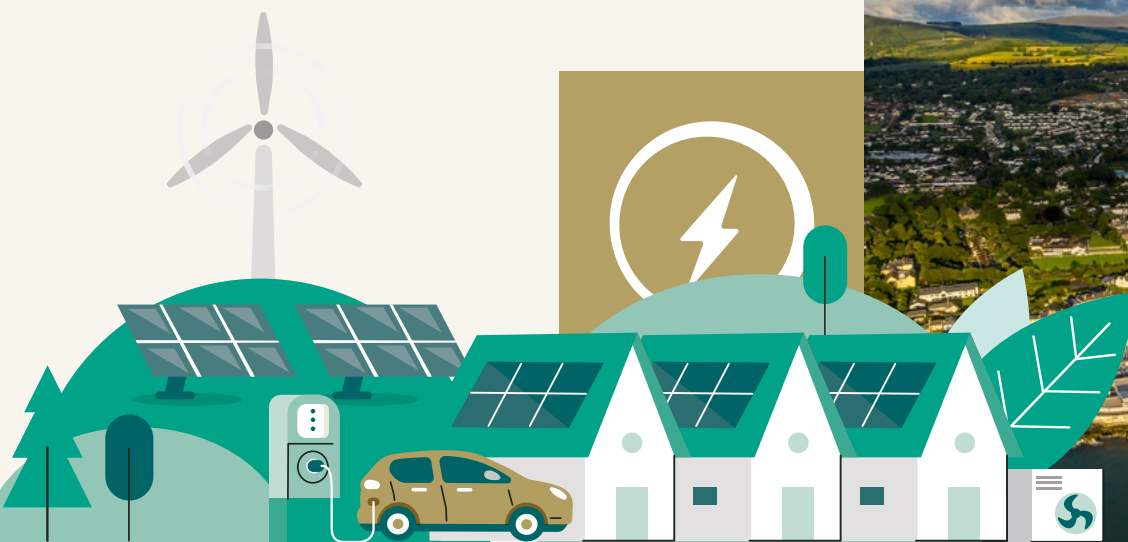
Powering Up Wicklow is a critical programme of works that will strengthen key electricity infrastructure in Wicklow and the surrounding areas. This will help the region and Ireland to be 'renewable ready' and improve energy capacity in one of the fastest-growing regions in the country.

The existing electricity infrastructure in North Wicklow is at risk of reaching its capacity limit. To address this need, new infrastructure is required to ensure a reliable, sustainable electricity supply to communities, residents, schools, and businesses, as well as helping Ireland reach its renewable energy targets.

As part of this major energy transition and to meet the current increase in demand, EirGrid is developing further plans to meet the needs of communities and businesses in Wicklow. The increase in demand is being driven by several sectors, including:

- Integration of renewable energy connections.
- Commercial and industrial development.
- Residential housing; and
- Electrification of heat (heat pumps) and transportation (electric vehicles and public transport).

Meeting this demand will require new electricity infrastructure to allow the grid to deliver electricity to where it is needed.



What is the North Wicklow Reinforcement project?

This project will reinforce the electricity grid in North Wicklow, ensuring sufficient capacity is available for future increased demand. The North Wicklow Reinforcement project will seek to construct a new 220/110 kV substation and a separate 110/38 kV/MV substation in the Greystones/Delgany area, along with associated connecting cables.

The project is currently in Step 3 of EirGrid's Framework for Grid Development, looking to establish the best technology option to address this need and identify areas that may be suitable to host the required infrastructure in North Wicklow.

What is happening now?

It has already been determined that the best technology option for both of these substations is a Gas Insulated Switchgear (GIS) substation. EirGrid is currently exploring location options for the two new GIS substations within the study area shown on the map below. We are also consulting with the local authority and technical stakeholders with infrastructure in the area throughout this process.

Next Steps

EirGrid is committed to putting communities at the centre of its work. In line with this commitment, we will keep you informed every step of the way as we progress our plans and listen to your feedback as we strengthen the grid in your area. You can visit the project website www.EirGrid.ie/Wicklow for updates and to find further information on the Powering Up Wicklow programme.

EirGrid will soon be consulting with local communities, landowners and businesses on this key infrastructure project in North Wicklow. This is the first step on this journey to inform you of our plans.

If you have any questions or concerns, our dedicated Community Liaison Officer (CLO) working on the Powering Up Wicklow Programme is Liz Dillon.



Liz Dillon

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