



Benefits

- The new connection will allow the region to utilise its rich renewable energy resources.
- The development of the renewable energy sector is an important element in driving future job creation and is a key platform for economic recovery.
- To support growth and development in the region and ensure security of supply for the future.
- A strong electricity network will help boost existing Industry in the South when competing for business and inward development in the area.

Timelines/Timings/When?

- This new infrastructure is required to be fully operational by 2014
- A planning application is expected to be lodged with An Bord Pleanála in 2011
- Full public consultation will take place over the coming months commencing with the gathering of information that will determine what constraints in the region effect the proposed development.
- From this information one or more potential routes will be identified.

Contact Details

EirGrid is committed to ensuring that all members of the public are fully aware of the project and encourage you to participate in public consultation. If you would like to discuss the project or to meet with a member of the project team, please contact us by either telephone or email. Otherwise, consult our website for regular updates.

Tel: 01 702 6642
Email: clashavoondunmanway@eirgrid.com
Web: www.eirgridprojects.com



CLASHAVOON DUNMANWAY

South-West Projects



Clashavoon - Dunmanway Project

Who is Eirgrid?

EirGrid, a state-owned company, is the national operator of the electricity grid.

The national grid is an interconnected network of high voltage power lines and cables, the equivalent of the main roads, dual carriageways and motorways of the road network.

EirGrid's role is to operate, plan and develop the grid to provide customers throughout the country - from rural areas, to homes, business parks, hospitals and sports fields - with a safe, secure, reliable and efficient electricity supply.

What is Grid25?

Grid25 is a major initiative to put in place a safe, secure and affordable electricity supply throughout Ireland, supporting economic growth and utilising our renewable energy resource to its maximum potential.

Development of the grid is essential to provide a platform for renewed economic growth and regional development, and is vital if we are to effectively tap into our abundant renewable energy resources.

Under Grid25, €730 million will be invested in the development of the energy transmission infrastructure for the South-West region.

Grid25 will involve upgrading the high voltage system and an overall investment of approximately €4 billion in the period up to 2025. This new infrastructure is every bit as essential to the future growth of the country as any investments in road, rail and broadband.

What is required?

EirGrid's South West Projects will involve the upgrading of the existing network and grid

reinforcements to connect significant amounts of wind generated energy to the national grid and to strengthen the grid in this region to accommodate future growth in demand for electricity.

What is proposed?

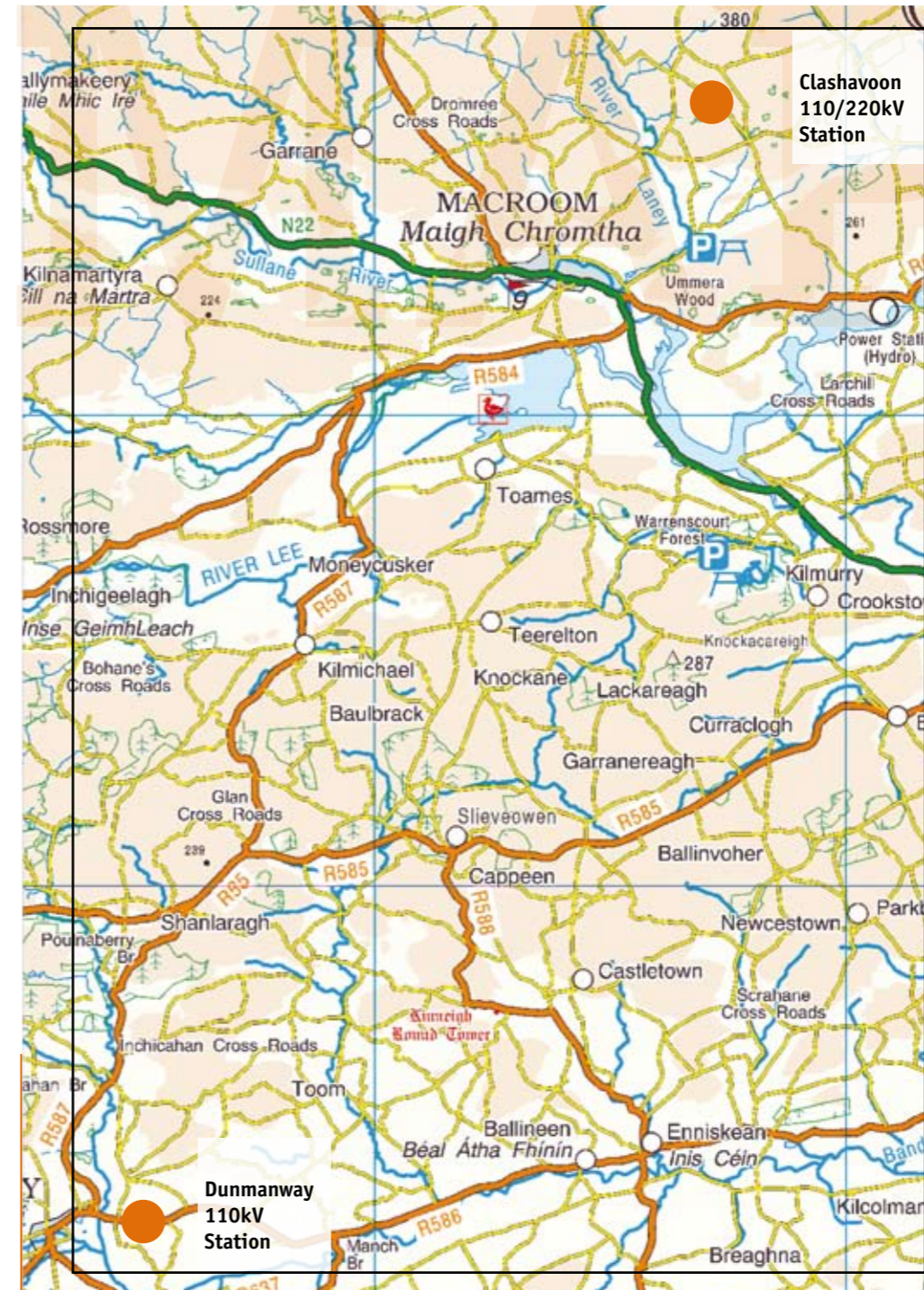
A new 110 kV electricity circuit is proposed to connect to the existing Clashavoon electricity substation, which is located north east of Macroom Co. Cork, and the existing Dunmanway electricity substation located on the outskirts of Dunmanway Co. Cork.

Why is this needed?

The proposed development is required to remedy two identified transmission network problems in South West Cork.

- Increase security of electricity supply**
 Currently the electricity supply in South West Cork is maintained by two 110 kV transmission lines, the Dunmanway – Macroom 110 kV line and the Bandon – Raffeen 110 kV line. During routine maintenance of either line, the subsequent loss of the other line would mean that South West Cork would lose its electricity supply and leave the towns of Bandon, Ballylickey, Dunmanway and extended areas around them, without power.
- Facilitate connection of renewable generation**
 There is a significant amount of renewable generation connected or seeking to connect in South West Cork. The current transmission network configuration and capacity is not capable of accommodating the connection of this amount of renewable generation.

It is vital that new electricity infrastructure is built to ensure that the region meets the standards required of a safe and secure electricity system.



EirGrid develops, maintains and operates a safe, secure, reliable economical and efficient transmission system.

Clashavoon - Dunmanway Area