



Green electricity belmopan

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We're playing a pivotal role in providing a reliable and robust distribution network that will tackle the energy crisis, climate crisis, as well as the cost-of-living crisis. It will also empower rural communities through investment, jobs, and skills, enabling communities to live modern electric lives.

Our electricity network is currently in development, and we are inviting expressions of interest from prospective customers, from both energy generators and energy users. If you would like to connect to our network, or are interested in an initial feasibility discussion, please visit our "Get Connected" page to register your interest.

Proudly based in Wales, Green GEN Cymru has been granted an Independent Distribution Network Operator (IDNO) Licence from Ofgem. We are developing new grid infrastructure to unlock Wales's energy capability and meet the future needs of its people, communities, and businesses.

The climate emergency is a threat to our planet and our communities. As a result, the Welsh and UK governments have set legally binding targets to reach net zero by 2050, encouraging people to act now, to ensure the future is protected.

For Wales to meet Welsh Government's target of 100 per cent of its electricity needs from renewable sources by 2035, we will need to move quickly to bring forward new renewable energy projects and supporting infrastructure, to ensure a more sustainable, improved and secure energy grid.

In Mid Wales, however, the existing electricity network does not have the capacity to connect new renewables to homes and businesses. New grid infrastructure is needed to strengthen energy resilience, add capacity to the local network and help pave the way for the widespread rollout of green heating and electric vehicles.

Green Generation Energy Networks Cymru (Green GEN Cymru) is responding to this challenge by proposing a wood pole overhead line connecting the proposed Banc Du and Rhiwlas Energy Parks near Llangurig to a substation site near Cefn Coch, as well as a new underground cable connection between the two proposed Energy Parks. These connections form the Rhiwlas Green Energy Network (Rhiwlas GEN) project.

Between November 2023 and January 2024, we consulted local people on our preferred route corridor for the new connection. Since then, we have carefully considered all the feedback we received, alongside further environmental and technical assessments, and we have made several changes to our proposals.

There are grid capacity issues across much of mid Wales, our proposed network reduces this pressure and allows the direct connection for both new energy users such as businesses and new energy generators such as community and other renewable projects.

Stage two of the non-statutory consultation on the proposals for Rhiwlas GEN is now open. You can help us understand any potential effects and benefits that we may not have considered in our work to date, and to inform our work going forward, by providing your feedback as part of this consultation from Tuesday 5 November until Tuesday 17 December 2024.

Anyone wishing to be kept up to date about the progress of the project, including details of the next phase of non-statutory consultation, can get in touch with the project team using the contact details at the bottom of this page.

Contact us for free full report

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