



MANMOEL WIND FARM

POWERING A GREENER FUTURE



OUR VISION

CENIN is delighted to share its plans to develop Manmoel Wind Farm, an innovative scheme that will bring a wide range of benefits to the local Tredegar/ Ebbw Vale area.

Manmoel Common has been identified by Welsh Government as an area pre assessed as suitable for wind energy. The common has fantastic capacity for wind energy owing to its valuable wind resource. Ebbw Vale was a hugely important part of the Industrial Revolution with the area being mined for coal, iron ore and limestone. We're excited to now be at the forefront of the Electric Economy Revolution, where sustainable locally produced power is generated and used locally.

CENIN is already in discussions with Blaenau Gwent County Borough Council to see how this power made in the borough can be used locally. Investigations and research are underway to see how the power could be used in council buildings, local industry and enable cost effective sustainable electric transport.



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CENIN

CENIN is a Bridgend-based, renewable integrated infrastructure company committed to powering a brighter future.

We are committed to sustainable development, as a trusted environmental partner creating valued, renewable-sourced, efficient infrastructure solutions delivered with passion, expertise, teamwork, and a relentless focus on wellbeing for the next generation.

CENIN aims to expand the use of the power locally which maximises the benefits of the scheme to local people and businesses.

We also aim to provide further benefits to the local communities in which we operate. We do this in the following ways...

- Provide local energy generation creating economic benefit for the foreseeable future
- Providing annual educational visits for local schools and community groups to visit our sites to explain how we help deliver the electric economy
- Our main site, Parc Stormy, hosts many schools' visits during the academic year. We offer all Year 6s from schools in the area to visit Parc Stormy each year for the life of the project – for free!
- Maintaining access to the countryside for wellbeing, exercise and active travel
- Supporting local clubs and associations in the area
- Building Projects that help create the 'Wales we want' for our future generations



You can find more about our commitment to local communities by visiting our website or by contacting a member of the CENIN team.

THE SITE

- Manmoel Wind Farm will be made up of five wind turbines, 180m to blade tip & 150m rotor diameter, which will provide the area with clean, renewable energy, powering over 20,000 local homes.
- The Pre-Application Consultation stage will be in late 2022, the full planning application will be submitted to Welsh Government at the end of 2022/early 2023.
- A decision will be expected late 2023 with the building work commencing in 2024/2025.
- We are already engaged in discussions with Blaenau Gwent County Borough Council about the ways in which we can use the power generated in the local area.
- For some time, we have also engaged with Tredegar Town Council to keep them updated on our progress.

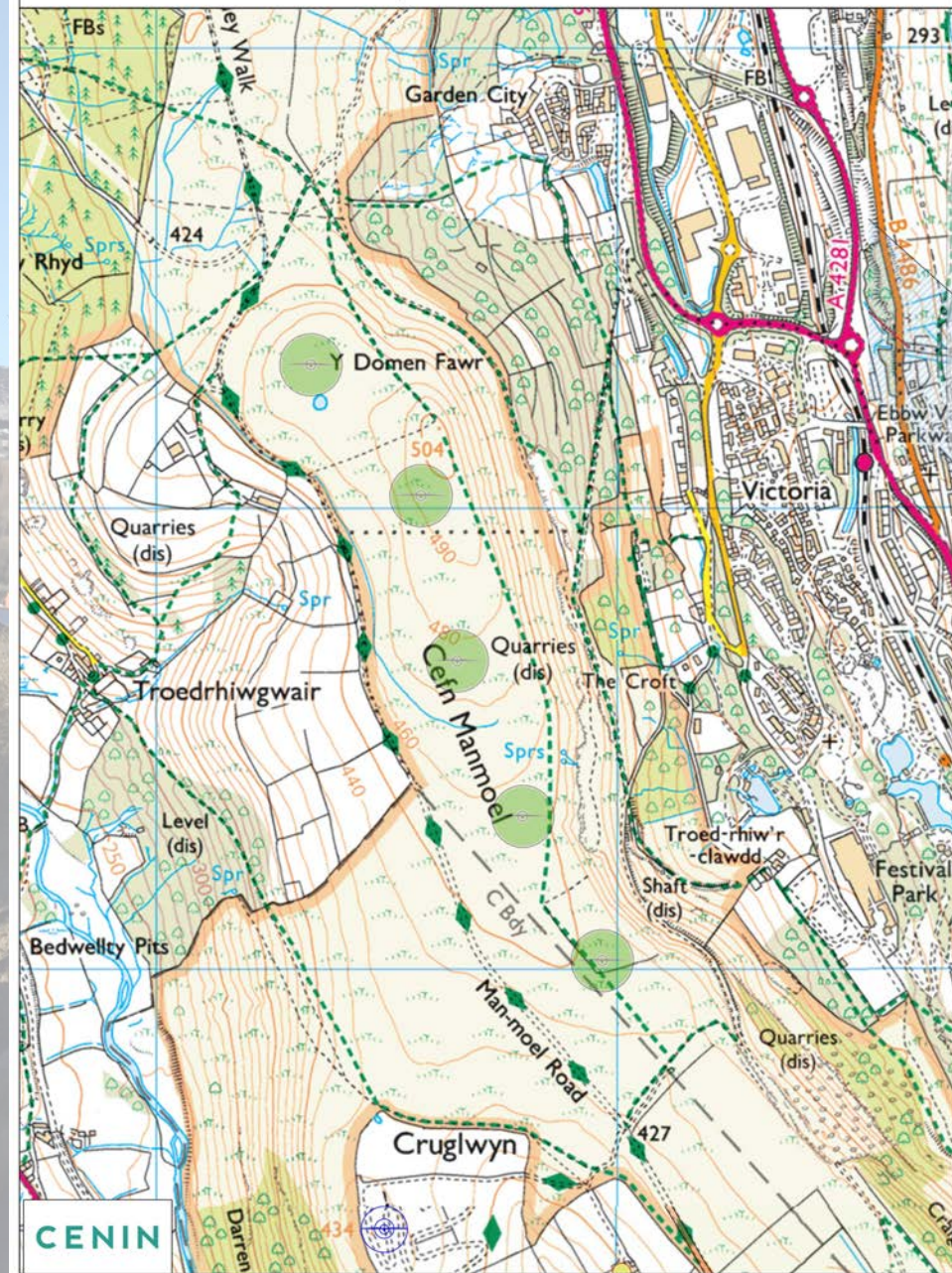
Manmoel Wind Farms installed capacity will be around 25MW, meaning it is classified as a Development of National Significance (DNS). Decisions regarding such schemes are taken by Welsh Government.

Preparatory work has been underway for several years, these include, but are not limited to: Surveys and studies looking at landscape, habitat, ornithology, transport, archaeology, noise, mining.



Manmoel Wind Farm Layout

Drwg: ML2-3a
March 2022



FAQs

What are the benefits of having a Wind Farm?

Wales has a fantastic wind resource and there are major benefits in capturing this low carbon energy, local generation means more money will be generated in the local community. It also gives increased Energy Security in very unsure times.

Where will the Wind Farm be located?

The wind farm will be located on Manmoel Common. Welsh Government have assessed this area as a 'Pre-Assessed Area for Wind' suitable for wind energy generation. Landscape assessments are being carried out to assess their impact. We are confident that wind turbines will become an accepted part of our landscape, changes are needed to make a better future for younger generations.

Will the project really cut Carbon emissions?

Yes, the scheme will have a capacity of 25MW which, in houses for instance, is 20,000 homes, reducing carbon emissions by around 1.4 million tonnes over the life of the project.

Who is behind the Manmoel Wind Farm?

Manmoel Wind Farm will be delivered by Bridgend based company CENIN. Visit www.cenin.co.uk to see some examples of our previous, ground-breaking work across Wales.

Do wind turbines produce noise?

The noise produced by wind turbines is carefully assessed throughout the planning process to make sure the scheme is suitable for the local area.

Why renewable energy?

Local renewable energy generation is needed now more than ever. Not only will it help meet climate change targets, but there are also major benefits to energy security when energy is generated locally rather than importing oil and gas from other unstable countries. Locally produced green electricity (also known as the 'Electric Economy') will improve the quality of life for future generations.

Will my energy bills be reduced?

Unfortunately, we cannot directly power local homes with energy generated, this is owing to complexities with how the grid works. In the future, however, this could become a possibility.

However, there are many local advantages which could benefit each and every person. Produced energy at the site will feed directly into the local energy network, providing a stable, cost-effective source of power for Manmoel's surrounding area. We can connect to high energy users/employers who will value cheaper, green, locally produced electricity, which in turn means more jobs and stability created in the valley.

We could also power local community buildings. For example, if we powered the local hospital, they would have lower energy bills so they can arrange more money to go into better equipment and care for patients.

We also want to improve educational opportunities in the surrounding area through CENIN's education streams – Please see 'Our Vision' in this brochure to find out more.

Locally made renewable electricity is cheaper than fossil fuel produced electricity off the grid. This can help make electric cars/buses more affordable and a reality, making mobility for everyone easier and more cost effective.

Local clubs and groups are invited to apply to CENIN for sponsorship to continue and improve their activities and become a lasting part of the community.

CENIN

Contact Us

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All information correct as of July 2022.

