



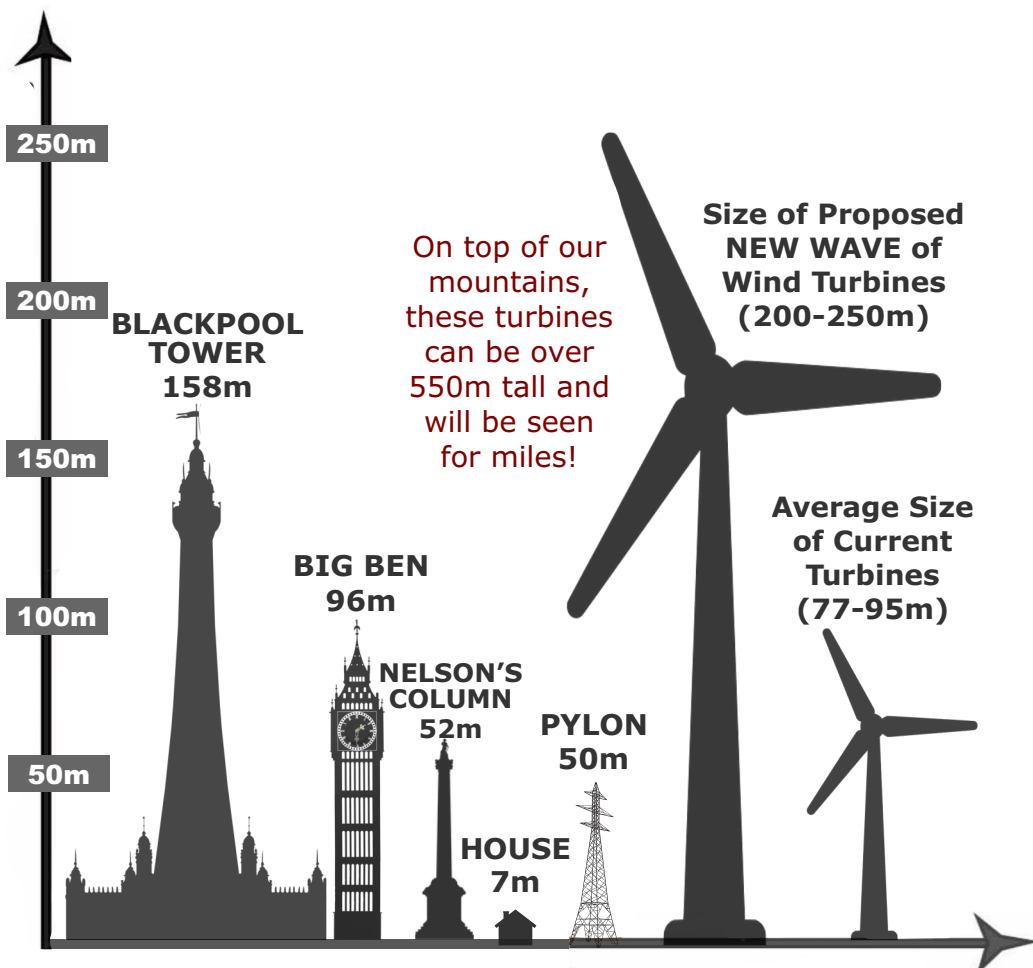
LARGE-SCALE WIND FARMS

ARE BEING PROPOSED

THROUGHOUT WALES!

DO YOU WANT THIS IN YOUR BACK-YARD?

BIG ENERGY CORPORATIONS **from other countries** are **DESTROYING OUR COUNTRYSIDE** for their **OWN PROFIT!**



PLANNING PROPOSALS IN S.WALES:

- EGLWYSILAN / SENGHENYDD
- THE BRYN
- MYNYDD BAEDEN
- MYNYDD-Y-GAER
- CWMBRAN
- PONTYPOOL
- MERTHYR VALE
- LLANHILLETH
- ABERTILLERY
- OGMORE VALLEY
- AFAN VALLEY
- RHONDDA VALLEYS
- BLACKWOOD

(with more being added)

- Currently **193** planning applications in Wales for large-scale Wind & Solar Farms - destroying our farming industry & landscape!
- Smaller turbines are known to have a **Detrimental Effect** on **Health, House Prices, our Landscape** and our **Wildlife**
- This **NEW WAVE** of wind farms have turbines up to **over 2.5 TIMES** the size of what we have now!

A CALL TO ACTION:

- Many people do not realise the **FACTS** overleaf. Please copy and share this leaflet far & wide
- Consider contributing to Motvind UK's fundraiser for a Judicial Review to oppose any approved planning
- Contact your Assembly Member. (These planning applications are DNS, they bypass local councils!)



ENERGY PRODUCTION - Wales produces a total of 27.1 TWh of electricity in 2021 yet only consumed 14 TWh of electricity. Why should the burden be upon us to produce more? The offshore capacity is enough to meet current and projected needs.

Constraints Payments – over the last decade electricity customers have paid a £billions via their electricity bills to developers in constraints payments i.e. to switch them off when the grid is at full capacity.

Grid Network – shared with other energy sources, the current infrastructure has inadequate capacity to accept and store any excess energy.

Size and Scale – The proposed turbines will be up to 250m high with a 160m rotor diameter (depending on location) - this is unprecedented onshore. Turbines of this size and scale were not envisaged in any research on the adverse impacts on health, well-being, ecology, flooding etc.

BENEFITS AND IMPACT – Benefits will be limited to those who gain financially, to the direct detriment of others who are concerned about loss of well-being, health, homes and livelihoods.

Reduced House Prices - proximity to a wind farm affects property value. The London School of Economics reported that those within 1.2 miles of a large wind farm would have around 13% knocked off the value of their homes, going down to 3% for those 2.5 miles away.

Health and Well-being – there's concern about the impact on existing and future health conditions. Growing research on the impact of 'noise pollution', 'Low Frequency Noise'/LFN and 'Amplitude Modulation'/AM, lighting, turbine flicker, etc, on people and animals, especially in tranquil areas. The Waubra Foundation recommends a distance of 3km from the nearest turbine to avoid serious health effects.

Noise Pollution – Experts say that the noise travelling from turbine blades can be heard from as far away as 10km. The closest that a wind turbine is typically placed to a home is 300m, where there is a sound pressure level of 43db. Horses who are completely calm around traffic and heavy construction are known to become very upset when they approach wind turbines.

Landscape – these will be industrial sites with significant landscape changes and adverse impacts on not only the site itself but also the neighbouring designated 'Special Landscape Area', observable from many miles around with compulsory lighting disrupting the dark skies. 200m turbines on top of a mountain can be 550m high!

Wildlife and Ecology – significant impact on birds, bats and insects through collision, disruption and loss of habitat. Up to 100,000 birds are killed by turbine blade strikes annually in the UK.

Construction - there are concerns about the displacement of peat by thousands of tonnes of concrete and steel for the enormous underground permanent turbine bases and required infrastructure, compounds and access roads. Each turbine construction site/pad is approx the size of a football pitch.

Archaeological Damage - archaeology of a significant interest to the true history of Wales will be destroyed, as some is yet to be officially recognised. Even official archaeology is being disregarded when an archaeological assessment for the proposed Twyn Hywel site, Caerphilly by Bute Energy failed to fully uncover and understand the historical potential of this common land after a cup-marked stone was excluded from the assessment.

HUMAN RIGHTS – Our objections are being ignored! The developers have all the power and resources whereas we have limited access to free or affordable help.

Community Funds - from the developer is nothing more than a 'carrot' to the villages' residents, millions promised, but only over the lifespan when operating or producing power and only certain projects qualify. Not compulsory and possibly not honoured if/when the operation is transferred/sold on?

Litigation and Landowners – increasing litigation against developers, true extent unknown as many cases settled out of court eg UK Davis case. Landowners cannot be guaranteed indemnity especially if projects are 'sold on'.

GREEN? – Sourcing and manufacturing of the required materials - concrete, steel, copper, aluminium, rare minerals produces vast amounts of CO2 and has an adverse impact on the poorest countries. Turbine blades are not generally recycled & shed micro plastics/BPA pollution.

Turbine Disposal - wind turbine blades are not able to be recycled. They are made from fiberglass bound together with epoxy resin, a material so strong it is incredibly difficult and expensive to break down. Most blades end their lives in landfill due to the current limited availability and higher cost of other methods. With only 7% of UK usage being supplied by renewables, the special landfill allocation is already running out. It is estimated that 43 million tonnes of decommissioned turbine blades will accumulate by 2050.

Net Zero? - with increasing energy costs, governments are hitting targets but missing the point. Wind Turbine energy can never achieve net zero as it is reliant on other expensive unproven backup energy sources to supplement it. Each wind turbine needs 80 gallons of oil as lubricant, a PAO synthetic oil based on crude, and the oil needs to be replaced once a year. They can be prone to oil leaks but only serviced once every 6-12 months, leading to a lot of oil leakage before it is detected.

DEMOCRACY? – classed as Developments of National Significance (DNS), the applications bypass local decision making, submitted directly to the Planning Inspectorate to decide whether any adverse impact from the development is acceptable or not. But a single Welsh Minister can overrule the inspector's decision "in the greater public interest", "due to the increased climate emergency" and/or as it's "only being for the duration of the lifetime of the development's operation".....which can be up to 50yrs and extended!! This overrides FW2040's safeguard Policies 17 and 18 leaving the most affected individuals unprotected, 'collateral damage' and with no compensation.

First of Many – This proposal will not be the last. If approved our whole 'pre-assessed area' could be targeted by developers as has happened in Scotland. There have been no large-scale wind farms in England since 2016 legislation limited them, as local authorities/communities have the final say.

Scotland and Wales are destined to provide England's energy needs, with the backing of their governments, to the detriment of their people, country and communities.

PLEASE CHECK THE FACTS - EVEN IF YOU ARE NOT AFFECTED NOW, YOU MAY WELL BE AFFECTED BY THE NEXT PLANNING APPLICATION!

INFO & RESOURCES: <https://glamorgannwg.org/wind>