

Pennant Walters is proposing a new wind farm that will have the capacity to generate up to 48MW of electricity, which is equivalent to providing enough power to meet the annual electricity needs of approximately 24,000 homes¹. Whilst the design of the wind farm is likely to evolve during the course of the pre-application process, at this initial stage the project is currently envisaged as comprising:

- Up to 12 wind turbines, anticipated to be 4-6MW each with an indicative height of up to 180m to tip together with external transformer housing;
- Turbine foundations, crane pads and laydown areas;
- An electrical substation and control building;
- Underground power cables linking the turbines and the on-site substation;
- Possible improvements to main site access and temporary construction of access tracks off main access point to access proposed turbines;
- Permanent anemometer mast for wind turbine performance monitoring;
- Construction enabling works; and
- A temporary construction and storage compound.

Mae Pennant Walters yn cynnig fferm wynt newydd bydd â'r cynhwysedd i eneradu i fyny at 48MW o drydan, sy'n gywerth â darparu digon o bŵer i gwrdd ag anghenion trydan blyneddol tua 24,000 o gartrefi.

Er bod dyluniad y fferm wynt yn debygol o esblygu yn ystod cwrs y broses cyn-ymgeisio, yn y cyfnod dechreuol hwn rhagwelir bod y prosiect presennol yn cynnwys:

- I fyny at 12 o dyrbinau gwynt, disgwylidig i fod yn 4 - 6MW yr un gydag uchder dangosol i fyny at 180m i'r pen ynghyd â thair trawsnewidyddion allanol.
- Seiliau tyrbîn, padiau craen a manau gosod;
- Is-orsaf drydanol ac adeilad rheoli;
- Ceblau tanddaearol yn cysylltu'r tyrbinau a'r is-orsaf ar safle;
- Gwelliannau posib i fynedfa'r prif safle ac adeiladu traciau mynediad dros dro bant o'r prif bwynt mynediad i gael mynediad i'r tyrbinau arfaethedig;
- Mast anemomedr parhaol ar gyfer monitro perfformiad y tyrbinau gwynt;
- Adeiladwaith i alluogi gwaith; a
- Adeilad dros dro a chwrt storio.

The wind farm will be designed with an operational life of 30 years.

Bydd y fferm wynt yn cael ei dylunio gydag oes weithredol o 30 mlynedd.

We have a grid connection point identified not far to the east of the site, and will be working with Western Power Distribution to consider the most appropriate route for cables to access this. Permission to connect to the local electricity network will form a separate process, led by Western Power Distribution.

Mae gennym bwynt cysylltu grid ddim ymhell o ddwyrain y safle, ac yn gweithio gyda Western Power Distribution i ystyried y llwybr mwyaf priodol i geblau gael mynediad iddo. Bydd y caniatâd i gysylltu i'r rhwydwaith drydan lleol yn rhan o broses ar wahân, wedi ei harwain gan Western Power Distribution.

Why has this site been chosen? Pam bod y safle hwn wedi ei ddewis?

Pennant Walters has undertaken an extensive review of its landholdings across South Wales. This site has been selected following this review and the identification of parts of the site within a strategic 'search area' for onshore wind in the recently adopted 'Future Wales' document. Among other things, this document sets a blueprint for how Wales can meet its carbon reduction targets through the development of renewable energy projects in appropriate locations across Wales.

Mae Pennant Walters wedi ymgymryd adolygiad helaeth o'u daliadau tir ar draws De Cymru. Mae'r safle hwn wedi ei ddewis ar ôl yr adolygiad hwn a'r adnabyddiaeth o'r ardal fel "ardal chwilio" ar gyfer gwynt artraeth yn y ddogfen "Future Wales" a fabwysiadwyd yn ddiweddar, sy'n gosod glasbriint i, ymhlith pethau eraill, sut all Cymru cwrdd ei thargedau lleihau carbon trwy'r datblygiad o brosiectau ynni adnewyddadwy mewn lleoliadau addas ar draws Cymru.

¹ <https://www.renewableuk.com/page/UKWEExplained>

