

Our previous proposals included up to five wind turbines, but after receiving feedback from our early engagement consultation and following the outcome of further technical assessments, the proposals now include up to four wind turbines with a blade height up to 145m, estimated to produce 4-6MW each.

In summary, the proposals will include:

- Up to four turbines with a 145m tip height (c.4-6MW per turbine)
- Crane pads at each turbine location
- Turbine foundations
- Transformers housed either within or adjacent to turbines
- New access together with new and improved internal wind farm tracks
- A site sub-station building
- Underground power cables linking the turbines and the on-site substation
- Temporary construction compounds, laydown, and storage areas; and
- Grid connection infrastructure, including the on-site substation, control building and overhead connection into the existing overhead line, together with construction enabling works.
- The proposal is to have an operational life of 30 years

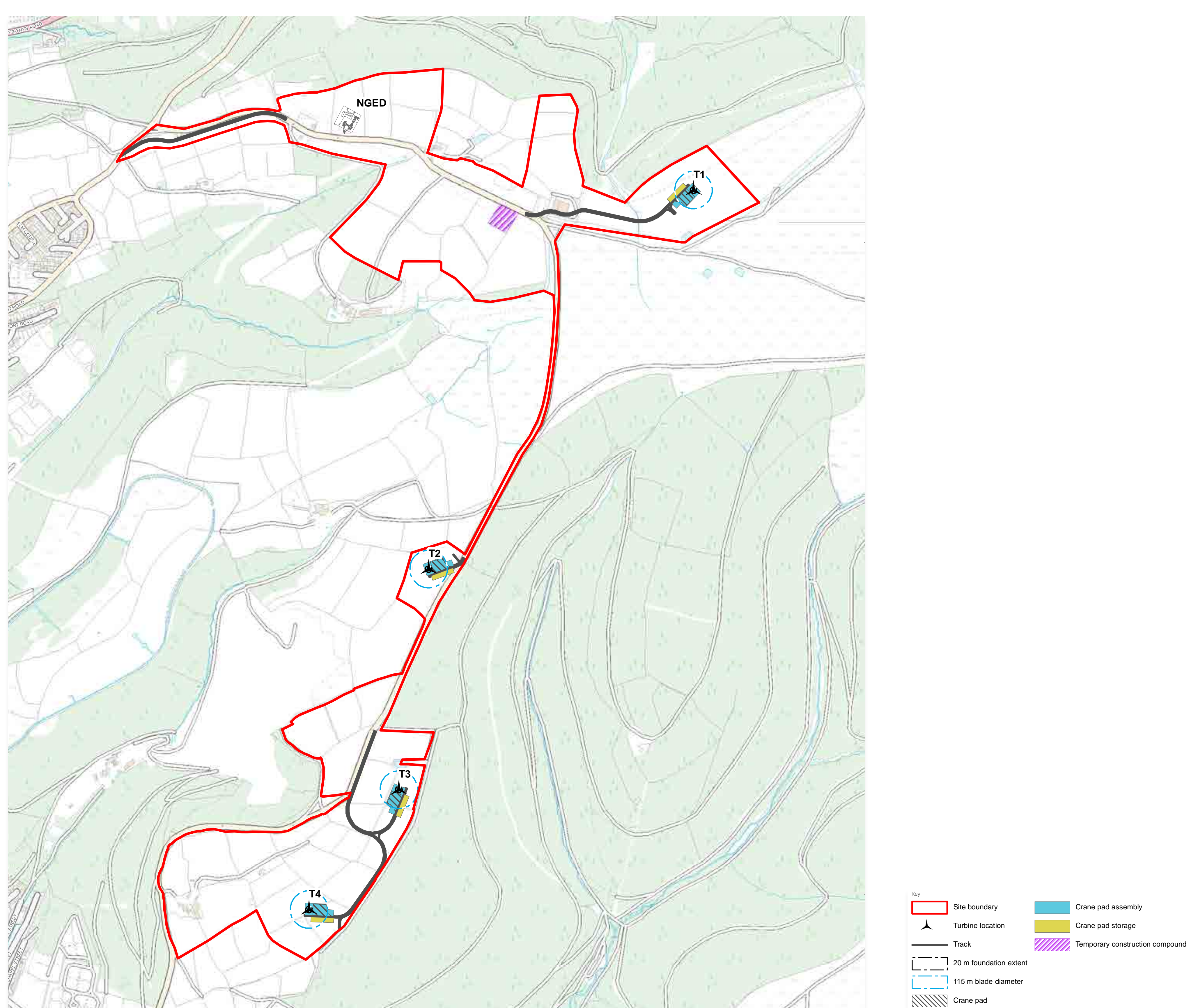
The connection to the grid will be on site, meaning that there will not be a connection corridor outside of the three identified land parcels which are shown on the land plan. Permission to connect to the local electricity network will form a separate process, led by National Grid.

Roedd ein cynigion blaenorol yn cynnwys hyd at bum tyrbin gwynt, ond ar ôl cael adborth o'n hymgyngoriad ymgysylltu cynnar, ac yn dilyn canlyniad asesiadau technegol pellach, mae'r cynigion bellach yn cynnwys hyd at bedwar tyrbin gwynt ag uchder llafn hyd at 145m, yr amcangyfrifir eu bod yn cynhyrchu 4-6MWyr un.

I grynhoi, bydd y cynigion yn cynnwys:

- Hyd at bedwar tyrbin gydag uchder blaen o 145m (c.4-6MW fesul tyrbin)
- Padiâu craen ym mhob lleoliad tyrbin
- Sylfeini tyrbin
- Trawsnewidyddion wedi'u cartrefu naill ai o fewn neu gerllaw tyrbinau
- Mynediad newydd ynghyd â llwybrau fferm wynt mewnol newydd a gwell
- Adeilad is-orsaf safle
- Ceblau pŵer tanddaearol yn cysylltu'r tyrbinau a'r is-orsaf ar y safle
- Compowndiau adeiladu dros dro, gosod i lawr, a manau storio; a
- Seilwaith cysylltiad grid, gan gynnwys yr is-orsaf ar y safle, yr adeilad rheoli a'r cysylltiad uwchben i'r llinell uwchben bresennol, ynghyd â gwaith galluogi adeiladu.
- Y cynnig yw cael bywyd gweithredol o 30 mlynedd

Bydd y cysylltiad i'r grid ar y safle, sy'n golygu na fydd coridor cysylltu y tu allan i ffin y safle a ddangosir ar y cynllun tir. Bydd caniatâd i gysylltu â'r rhwydwaith trydan lleol yn ffurfio proses ar wahân, dan arweiniad y Grid Cenedlaethol.



Why has this site been chosen?

As part of its drive to develop new, renewable, green electricity to help address the climate crisis and current energy security concerns, Pennant Walters has undertaken an extensive site selection process to identify areas of land in South Wales that could accommodate the development of an onshore wind farm. The Trecelyn Wind Farm site has good potential for renewable energy generation due to consistent high wind speeds. This site is identified in the 'Pre-Assessed Area' (PAA) for onshore wind as, set out in the national policy document 'Future Wales: The National Plan 2040', which was adopted in 2021. Among other objectives, Future Wales sets a blueprint for how Wales can meet its carbon reduction targets through the development of renewable energy projects in appropriate locations across Wales.

Pam bod y safle hwn wedi'i ddewis?

Fel rhan o'i ymgyrch i ddatblygu trydan gwyrdd, adnewyddadwy, newydd i helpu i fynd i'r afael â'r Argyfwng Hinsawdd a'r pryderon presennol ynghylch diogelwch ynni, mae Pennant Walters wedi cynnal proses helaeth o ddewis safleoedd i nodi ardaloedd o dir yn Ne Cymru a allai ddarparu ar gyfer datblygu fferm wynt ar y tir. Mae gan safle Fferm Wynt Trecelyn botensial da ar gyfer cynhyrchu ynni adnewyddadwy oherwydd cyflymder gwynt uchel cyson. Mae'r safle hwn wedi'i nodi yn yr 'Ardal a aseswyd ymlaen llaw' (PAA) ar gyfer gwynt ar y tir fel y'i nodir yn y ddogfen bolisi genedlaethol 'Cymru'r Dyfodol: Cynllun Cenedlaethol 2040', a fabwysiadwyd yn 2021. Ymhlith amcanion eraill, mae Cymru'r Dyfodol yn gosod glasbrint ar gyfer sut y gall Cymru gyrraedd ei thargedau lleihau carbon drwy ddatblygu prosiectau ynni adnewyddadwy mewn lleoliadau priodol ledled Cymru.