

Kittie Powell

From: [REDACTED]
Sent: 20 January 2023 12:58
To: Kittie Powell
Subject: RE: P2022/1048 Cefn Gwrgan Road Port Talbot
Attachments: 22_01637_PFUL3-WIND_TURBINE_NOISE_IMPACT_ASSESSMENT_NTU_CLIFTON_FINAL-1616835.PDF

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Hi Kittie,

Thank you for calling me yesterday afternoon.

In relation to the noise impact assessment. Nottingham Trent University recently had a noise impact assessment (attached) completed for installing the same model turbine at the University. Rather conducting a specific assessment for the Cefn Gwrgan Road site, would the assessment prepared for the University serve to meet the proposed condition?

As part of the report, two sites at 150m and 190m were considered. The report's conclusion in section 6.1 states:

- ☐ The assessment confirms that both locations would comply with the ETSU-R-97 guidance and so would be unlikely to generate noise complaints as a result of their installation at the nearest identified NSR's.
- ☐ The VAWT can operate at a threshold wind speed of 20 m/s, however it's very likely that at high wind speeds, wind induced noise would dominate over the noise from the VAWT itself.

Whilst I appreciate that this assessment relates to a different site, a noise sensitive receptor was used at a distance of ~150m from that particular site's planned position which is comparable to the distance between our proposal and the nearby neighbours.

Given our site is between the nearby A4241 (Harbour Way) and the M4, I suggest that the background noises would likely be more significant than at the Nottingham University sites, and consequently a specific noise impact assessment for this site would have a similar conclusion to the report prepared for Nottingham Trent University.

With this assessment, and in conjunction the temporary nature of the turbine, meet the proposed condition?

Kind regards
Robert Thompson
[REDACTED]

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