

via e-mail
Sheery Atkins
Onshore Consents Manager
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CC: Stephen Faulkner – Norfolk County
Council Planning Service

Your Ref: SEP DEP REP3 DS / FRA Updates My Ref: FW2023_0408
Date: 16 May 2023 Tel No.: 0344 800 8020
Email: llfa@norfolk.gov.uk

Dear Ms Atkins,

Sheringham and Dudgeon Windfarm Extensions – Review of the Updated Onshore Substation Drainage Design and Study, Hydraulic Modelling and Flood Risk Assessment – Tracked Changes Versions (May 2023)

Thank you for your consultation on the above site, received on 3 May 2023. We have reviewed the application as submitted and wish to make the following comments.

Outline Operational Drainage Strategy, C282-RH-Z-GA-00128 Revision C, May 2023 [REP3-070]

The LLFA is satisfied that all previous comments have been addressed.

Onshore Substation Hydraulic Modelling Report C282-RH-Z-GA-00256, Revision B, May 2023 [REP3-099]

The LLFA is satisfied with the majority of our previous comments that have been addressed. The LLFA notes the applicant have not presented the results for the sensitivity testing of infiltration losses. Whilst the LLFA accepts the net rainfall approach, we would expect the applicant to present the gross rainfall results in a similar manner as to peak rainfall and roughness. This is so we can assess whether additional freeboards are required. At an initial re-review of the Flood Risk Assessment and the latest Addendum to the Flood Risk Assessment an assessment of indication of the freeboard to the applicant's water sensitive infrastructure and equipment was not observed. The importance of the sensitivity testing of infiltration losses depends on what freeboard is available before the infrastructure and equipment floods. **The LLFA requires further information to resolve this matter.**

Addendum to the Flood Risk Assessment, C282-RH-Z-GA-00253, Revision B, May 2023 [REP3-097]

The LLFA is satisfied that all previous comments have been addressed and the updated version reflects the changes made in the Hydraulic Modelling report and the Surface Water Drainage Strategy.

Onshore Substation Drainage Study, C282-RH-Z-GA-00190, Revision C, May 2023 [REP3-036]

The LLFA is satisfied that all previous comments have been addressed and the updated version reflects the changes made in other reports.

Therefore, the LLFA has one outstanding comment on the hydraulic modelling report that requires addressing.

Yours sincerely,

Sarah

Sarah Luff
Strategic Flood Risk Planning Officer

Lead Local Flood Authority

Disclaimer

We have relied on the accuracy and completeness of the information supplied to us in providing the above advice and can take no responsibility for incorrect data or interpretation, or omissions, in such information. If we have not referred to a particular issue in our response, it should not be assumed that there is no impact associated with that issue.