

Mr Christopher Butler
Examining Inspector
The Planning Inspectorate
South Humber Bank Project Team
Temple Quay House
Temple Quay
Bristol
Avon
BS1 6PN

Our ref: AN/2020/130486/03-L01
Your ref: EN010107 - 000007
Date: 18 March 2021

Dear Sir

**Order granting Development Consent for the South Humber Bank Energy Centre (SHBEC) - Examining Authority's 2nd Written Questions
South Humber Bank Power Station, South Marsh Road, Stallingborough,
Grimsby, DN41 8BZ**

Thank you for consulting us on the Examining Authority's further Written Questions (ExQ2) on 5 March 2021.

Question QB2.2 is specifically directed to the Environment Agency and reads:

The EA briefing note, mentioned at QB.2.1 above, is, in part, quoted in the "*Applicant's comments on Relevant Representations*" [REP1-008] paragraph 8.1.6 and states "...the concentrations of PM in the exhaust gases of modern EfW plants are so low that it is very difficult to get an accurate result from these tests, and will remain so until new monitoring methods and technology can be developed, validated and standardised for use." Please advise the ExA in regard to whether any new monitoring methods and technologies have been developed, validated and standardised for use in regard to monitoring Energy from Waste plants, especially in regard to the monitoring of Particulate Matter of PM10 µg/m³ and PM2.5 µg/m³ emissions, as referred to in the EA briefing note.

I would advise that we are not aware of any new monitoring methods and technologies that have been developed, validated and standardised for use in regard to monitoring Energy from Waste plants. There has been no changes to how the EA monitors particulate emissions from Energy from Waste plants. All are required to have continuous emissions monitors and report any missed (invalid) hours of monitoring. If there are more than 7 invalid half hour readings in a day the entire day is considered invalid. Operators are also limited in the number of invalid days allowed per year, before it is considered a breach of the permit. Additionally, they have to report if the monitors

malfunction while operational and usually have a limited number of hours - typically 4 - before they have to shutdown operations if the monitors cannot be fixed.

Should you require any additional information, or wish to discuss these matters further, please do not hesitate to contact me again.

Yours faithfully

Annette Hewitson
Principal Planning Adviser

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