

MEMO



To: Emma Dymond - Skanska

From: Paul Harris, Associate

Cc:

Date: 11 December 2017

Project: GOSH ZCR

File ref:

Subject: Planning Condition 13 - CHP

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Regarding the Hoval PowerBloc EG (20) combined heat and power plant technical submission.

We have reviewed this submission and consider that this unit does meet the Mayor's Band B NOx emissions standards and that no further mitigation measures are required.

It should be noted that strictly speaking this unit does not fit in within the ranges specified in appendix 7 of the Sustainable Design and Construction supplementary planning guidance document, as it is rated at 43kWh peak and the bandings only start at 50kWh and therefore is not covered by this requirement.

However, notwithstanding the above, whilst this unit does, initially exceed the specific requirements of band B, when also accounting for the NOx emissions from the displaced electricity generating plant (which is around 650 – 700 mg/kWh) this unit which emits less than 200 mg/kWh, will meet the band B requirements.