

**Greener Ideas Ltd.,
c/o Bord Gais Energy Ltd.
No. 1 Warrington Place
Dublin
D02 HH27**

Date: 23-Oct-2024

Notification of decision regarding compliance submission SD21A/0167/C4-1

Dear Sir/Madam,

I refer to your compliance submission received to comply with SD21A/0167/C4-1

Please note that this submission has been assessed as set out in the report below:

Part A: To be completed by the Planning Compliance Section	
Planning Reference TP: An Bord Pleanála Ref:	SD21A/0167/C4-1
Development Address:	Profile Park, Baldonnel, Dublin 22

Scanned into iDocs is a copy of the application for the above development

Condition No. & Description:	Condition 4: Waste Heat: (a). Proposals for waste-heat recovery and ongoing delivery to a local heat-network shall be provided and implemented on site as relevant, in conjunction with the commencement and operation of the proposed development. Prior to the commencement of the development, a timeframe for implementation of waste heat proposals shall be submitted
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	<p>for the written agreement of South Dublin County Council, unless otherwise agreed in writing.</p> <p>(b). Such proposals shall include all necessary infrastructure for waste heat recovery from the proposed development and delivery through a primary waste-heat water circuit to either, the boundaries of the site or to an Energy Centre (when constructed as part of the local heat network distribution) for connection to the heat network. Such proposals shall be submitted for the written agreement of South Dublin County Council, unless otherwise agreed in writing.</p> <p>(c). Where waste heat recovery and utilisation proposals have been explored, and subject to the written agreement of South Dublin County Council, have been deemed to be technically or otherwise unfeasible, details of the future proofing of the building fabric, heat recovery and conversion systems and safeguarding of pipework/infrastructures routes up to the site boundaries to facilitate future waste heat connection to a local district heating network, shall be submitted for the written agreement of South Dublin County Council or as otherwise agreed in writing.</p> <p>REASON: To promote the utilisation and sharing of waste heat and comply with Policy E5 of the South Dublin County Development Plan 2016-2022.</p>
<p>Date Compliance Details Received:</p>	<p>02nd September 2024</p>

Part B: To be completed by Internal Referee / Planner	
<p>Is the compliance submission deemed compliant?</p>	<p>Yes <input type="checkbox"/></p> <p>No <input type="checkbox"/></p> <p>Partially Compliant <input checked="" type="checkbox"/></p> <p>By Default <input type="checkbox"/></p>

If no or partially non-compliant please state reason:

In response to Condition 4, the applicant has submitted a cover letter and Waste Heat Recovery Statement that concludes the following:

*The use of a waste heat recovery system at the Profile Park Power Station is currently **not feasible** as there is no district heating system or other end user for the waste heat recovery system to connect to. Furthermore, the **intermittent nature of the operation of the power plant doesn't lend itself to waste heat recovery** as the source of heat would be intermittent and unpredictable, due to the plant only being online to meet peaks in grid demand, and so the plant could not be relied on to provide heat to any external heat network.*

*Despite the current unfeasibility of waste heat recovery provision within the plant, **provisions have been made in the plant design** to allow it to be accommodated should it become a feasible option in the future. **Reservation has been made for a plantroom for the installation of a plate-pack heat exchanger system to be installed and connected to the existing engine cooling water circuit.** It must be noted that prior to connection to any user side district heating system, the design would need to be checked by the engine manufacturer to ensure that it is suitable to comply with the conditions required for engine operation.*

... Should a local district heating scheme be brought into being in the future, further design and feasibility studies should be undertaken by a District Heating specialist consultant to determine if the variable and seasonal quantity of waste heat generated by the power station could be harnessed and utilised in a commercially viable manner.

In accordance with part (c) of Condition 4 the applicant should submit drawings and details of the future proofing of the building fabric, heat recovery and conversion systems and safeguarding of pipework/infrastructures routes up to the site boundaries to facilitate future waste heat connection to a local district heating network.

If partially compliant, please specify the discrete part thereof.

Part(s) Compliant e.g. A, B	(a) & (b)
Part(s) Non-Compliant e.g. C	(c)

Report issued by:	Jack Madden
Position:	Assistant Planner

Endorsed By (if applicable):	Caitlin O'Shea, A/Senior Executive Planner
Date:	22/10/24

Part C: Supplementary Planner Comments for completion at planner's discretion, only where agreement of details has significant knock-ons	
N/A	
Position:	N/A
Endorsed by:	N/A
Date	N/A

To confirm, the outcome of this submission is as follows: - COMPLIANCE PARTLY APPROVED

Yours faithfully,
M.C.

for Senior Planner