

**THE BOROUGH, CITY AND COUNTY COUNCILS OF CAERPHILLY, CARDIFF,  
MONMOUTHSHIRE, NEWPORT AND THE VALE OF GLAMORGAN**

**PROSIECT GWYRDD JOINT COMMITTEE**

**REF: 01-19  
DATE: 25/06/19**

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**UPDATE ON THE PROPOSALS FOR THE CARDIFF HEAT NETWORK**

**REPORT OF: Gareth Harcombe**

**AGENDA ITEM: 5**

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**Background**

1. The Board will be aware that the delivery of a heat network arising from the Viridor [plant has been a longstanding aspiration for Prosiect Gwyrdd. An extensive feasibility study examining the potential for a heat network in Cardiff was completed by a leading consulting engineering firm on behalf of Cardiff Council in 2017. This study was funded by the Heat Network Delivery Unit (HNDU) of the Department of Business, Energy and Industrial Strategy (BEIS) with additional Welsh Government support. Subsequently in 2018, Cardiff Council's Cabinet approved an Outline Business Case for the heat network. This clarified the Council's strategic interest in the scheme and authorised further work to establish a heat network, subject to concluding the necessary agreements, obtaining capital funding and presenting a Full Business Case back to Cabinet for approval.

2. The proposed Cardiff Heat Network is envisaged to run through large parts of the Bay area before crossing the main Cardiff to London railway line. It will then skirt the southern edge of the city centre and finally end in the western parts of Newport Road. The proposed primary heat source for the network is envisaged to be the Trident Park Energy from Waste (EfW) plant.

**Update**

3. Further details on the proposed network are contained in the attached presentation.

4. As there is provision within the Prosiect Gwyrdd contract in relation to heat, the purpose of this report is to provide an update to Prosiect Gwyrdd partners on the plans and progress for the Cardiff Heat Network.

**Reason for Recommendations**

5. To allow the Committee to note the content of the presentation delivered by Cardiff Council's heat network project team.

## **Financial Implications**

6. There are no financial implications for PG at this stage as the report is for noting. The PG contract contains provision to move to a combined heat and electricity gain share with a corresponding reduction in electricity gain share at PG absolute discretion.

## **Legal Implications**

7. The report is for noting and accordingly it does not directly raise any legal implications. The PG contract contains provisions relating to heat and those provisions will need to be complied with.

## **RECOMMENDATION**

That the joint committee note the content of the presentation.

**Gareth Harcombe**  
**Commercial Manager Energy and Sustainability**

**Appendix A – Joint Committee Cardiff Heat Network Presentation**