

## Communities and Environment Scrutiny Committee Review Project – Heat Network Options

<b>Purpose of the Review</b>	For the members of the Committee to consider the options available for the Heat Network moving forward beyond 2030 and contribute to shaping proposals prior to a report being presented to the Executive Board for formal decision making.
<b>Links to the Council’s Strategic Plan</b>	Serving People Well Carbon Neutral by 2028
<b>Aims and Objectives of the Review</b>	To allow members of the Review to explore the options available to the Council for the Heat Network, to gather information and ask questions of expert officers and the Portfolio Holder and to make recommendations to the Executive on the information they have been provided. This will feed into the development of formal proposals due before Executive Board in early summer 2024.
<p><b>Background</b></p> <p>Nottingham City Council’s district heating network was first established in 1968 as a joint venture between the Nottingham Corporation and British Coal. In 1995, with the demise of British Coal it transferred wholly to Nottingham City Council, trading as EnviroEnergy (Nottingham) Ltd. In mid 2022 the operation was brought in-house and the District Heating Network is now managed within Nottingham City Council.</p> <p>The Heat network provides heat and power to homes and businesses across Nottingham. The network comprises of 68km of insulated pipework carrying pressurised hot water around Nottingham City Centre and St. Anns. Satisfying the heating and hot water requirements for 5,000 dwellings and over 100 commercial premises, including the Victoria and Broadmarsh shopping centres, the National Ice Arena, Nottingham Trent University, BioCity, HM Revenue and Customs, and The Royal Centre.</p> <p>Heat energy comes from incineration of 170,000 tonnes of municipal waste at the Eastcroft Incinerator, which is used to create a supply of super heated high-pressure steam, pumped directly into the Heat Station. Back-up is provided by gas boilers, ensuring a reliable supply.</p> <p>As a Combined Heat and Power (CHP) Plant, steam is also run through generating turbines producing 60,000MWh of electricity per annum. Electricity is supplied to commercial customers through a private wire network with excess power feeding into the National Grid.</p> <p>Options for the future of the heat network beyond 2030 are now being considered and developed, with a formal decision making report due before the Executive Board in early Summer 2024. This review gives non-executive members an</p>	

<p>opportunity to scrutinise the identified options currently available to the Council and deliver essential pre decision scrutiny.</p>	
<p><b>Key questions</b></p>	<ul style="list-style-type: none"> <li>• What are the benefits and drawbacks of each option?</li> <li>• How will these impact citizens?</li> <li>• Are there legal implications associated with the options and if so how will this impact the Council/Citizens?</li> <li>• How will each option impact the Council and its Medium Term Financial plan/ongoing budget gap?</li> <li>• What alternative options, if any, could be considered?</li> <li>• What are the delivery challenges for each option and how would these best be overcome/mitigated?</li> <li>• Which option is the preferred option and why?</li> </ul>
<p><b>Methodology</b></p>	<ul style="list-style-type: none"> <li>• Site trip to London Road Heat Station (20 March 2024)</li> <li>• Discussion and information presenting with Officers and Portfolio Holder (20 March 2024)</li> <li>• Consideration of information and formulation of recommendations (TBC)</li> </ul>
<p><b>Evidence to be provided by</b></p>	<p>Councillor Coral Jenkins – Portfolio Holder for Energy, Environment and Waste Services and Parks</p> <p>Colin Parr – Corporate Director for Communities, Environment and Resident Services.</p> <p>Mary Lester – Director of Resident Services</p> <p>Antony Greener – Head of District Heating and Waste Strategy</p> <p>Jeff Whittingham – Consultant</p> <p>Ian Vernalls – Programme Manager</p>
<p><b>Additional information to be considered</b></p>	<ul style="list-style-type: none"> <li>• Heat Network Options Appraisal</li> </ul> <p>This paper is exempt from publication under paragraph number 3 of Schedule 12A to the Local Government Act 1972 because it contains information relating to Information relating to the financial or business affairs of any particular person (including the authority holding that information), having regard to all the circumstances, the public interest in maintaining the exemption outweighs the public interest in disclosing the information.</p> <p>It is not in the public interest to disclose this information because it contains details of contract negotiations currently subject to non-disclosure agreements, breaching these agreements would prejudice contract negotiations and could</p>

	result in legal action being taken against Nottingham City Council
<b>Timetable</b>	<ul style="list-style-type: none"> <li>• Discussion and information session 20 March 2024</li> <li>• Site trip to London Road Heat Station (20 March 2024)</li> <li>• Discussion and information presenting with Officers and Portfolio Holder (20 March 2024)</li> <li>• Consideration of information and formulation of recommendations (TBC)</li> <li>• Review reported to Committee and recommendations approved 3 April 2024</li> </ul>
<b>Reporting mechanism</b>	Recommendations to be put to the Executive following approval at April 2024 Committee

<b>Conclusions</b>	
<b>Recommendations</b>	
<b>Considered by Executive</b>	
<b>Response to recommendations</b>	The response to the recommendation was appended to the Recommendation tracker presented to committee on (TBC)