

Potential for District Energy route to net zero for your hospital Repeat Session
Q&A 20th September 2023

No	Trust Member	Question	Answer
1	General Comments and references from Mary Aladegbola Heat Networks Planning Database - data.gov.uk provides picture of both district and communal heat network deployment across the UK. It tracks the progress of projects through multiple stages including: inception; planning; construction; operation; and decommissioning Heat Networks Planning Database - data.gov.uk heat networks can also be planned around hospitals as anchor loads Trusts in London can also reach out to your local authority areas most of which have developed heat maps, and created energy masterplans for different areas of London. These plans look at energy supply and demand alongside the potential for district heating London Heat Map London City Hall London Heat Map Find out more about the London Heat Map, an online tool to help decentralised energy projects in London.		
2	Atkinson, George	will the wide network business model work without the grants, as we know these are not always forthcoming what is the equivalent heat energy cost range per kWh for typical network off take.	John Broadly 2 grants available on a town city centre scheme PSDS (challenging to secure) it does fund a lot of the internal work as well as cost of connection to the heat network, and also green heat network fund – heat network specific fund,

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			announcement for extension of time increase £200M and to 2027. Sebastian Heat tariff is different for every scheme, number is dependent on electrical tariffs – as the wholesale market keeps changing
3	Lane, Stuart	With plastics being increasingly seen as a resource for the circular economy and novel plastic waste processing technologies being developed also, do Energy from Waste dependent DHNs run a risk that waste will not continue to have high plastic content to drive the calorific value?	Sebastian - will obtain a detailed answer to this
4	Donnelly Callum	Is there a maximum return temperature you would expect in order to connect?	Sebastian It depends on the technology and the network, enabling work on hospital side would be equivalent to a local heat network John Cost improvements in site, large Heat pumps return temperatures below 60, to achieve this would be support the sites to understand improvements to be made to the building. These improvements are mainly around controls rather than fabric
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