

Issues with District Heat Networks using incineration

“exceptional 20-plus power outages suffered in just over a year by the unfortunate residents of New Mill Quarter, who remain SDEN’s only customers.”

Sutton heat network director quits as fraud inquiry begins

Posted on August 12, 2021 by [insidecroydon](#)

After five years as ‘interim’ MD, Cherrington departs SDEN with less than one month’s notice, as unfortunate customers continue to endure power outages

<https://insidecroydon.com/2021/08/12/sutton-heat-network-director-quits-as-fraud-inquiry-begins/>

“In July, a council meeting heard how the business plan of Sutton Decentralised Energy Network Ltd was “dishonest at best, fraudulent at worst”.”

“The strategy will be devised over the next three years, but it was already suggested that should the investment proposals fully go ahead, it would be worth as much as **£350m.**”

“Residents on estates in Walworth who have suffered weeks of on-and-off heating and hot water are demanding refunds from the council.”

Hundreds of families left without heating and hot water for months demand refunds



by **News Desk**

— 9th February 2017 in **Housing**

<https://www.southwarknews.co.uk/news/hundreds-families-left-without-heating-hot-water-months-demand-refunds/>



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Bunhill in Islington:“The Combined Heat and Power project, known as Bunhill 2, will pump hot air from shafts in the Northern line and use it to warm more than 1,000 homes in the borough. The idea is the measure will cut energy bills while also cooling the tube.”

Tube heating plan's £6.4m overspend

Rising cost of pioneering scheme to pump hot air from Northern line is result of 'over-optimism'

Friday, 20th December 2019 – By Sam Ferguson

<https://www.islingtontribune.co.uk/article/tube-heating-plans-6-4m-overspend>



“councillors sitting on a performance scrutiny panel were told this week that the project’s costs have skyrocketed to **£16.3million** – and this was only to get “partial completion” by January 21, 2020. Previous estimates had priced the project at just under £10m.”

Approving: Phase 1 of new 23km Borough-wide district heating distribution network in Enfield comprising at this stage pipework of approximately 7km in length.

“3.3 Decentralised energy networks are **encouraged and supported in local, regional, and national planning policies** and major developments are required to connect to existing or planned energy networks whenever possible. Several major developments within the Borough have already installed or are installing the equipment and infrastructure necessary to connect to the subject energy network.”

“3.4 This first phase is approximately 7km in length and extends from the Meridian Water/Edmonton area in the south of the Borough towards the north. There will be three phases following this phase to complete the total 23km pipeline network. Although Phase 1 does not contain individual development “phases”, the applicant has provided drawings showing 3 development zones with sections of work to commence within each zone, and many of them will happen concurrently. 3.5 The **Energetik/Lee Valley Heat Network is supplied with energy from the adjacent EcoPark/North London Heat and Power Project facility to the north, which generates energy from waste”**

<u>Projects listed in the HNIP using Edmonton</u>	Capex £m	Grant £	Loan £	HNIP tot	Homes	Other
Meridien Water Heat Network	34.4	5	9.76	14.76	10,000 2022 to 30,00 later	
North and west strategic extensions to Meridien Water heat network	48.65	12	11.86	23.86	3,300 + existing Ponders End and Oakwood	Enfield Civic Centre + 2 Care Homes
Tottenham Hale and Broadwater farm District Heat network	32.47	4.6	12.65	17.25	7,495	125,548sqm commercial + 2 Schools
Wood Green District Heat Network	33.89	8.03	2.56	10.59	5,054	144,533sqm Commercial space
	149.41	29.63	36.83	66.46	45,849	

Issues with Enfield installing heat networks to use burnet waste

- Enfield Council has already invested well over **£60 million pounds** in its own energy company, called Energetik
- **Where** will the heat needed for Energetik's heat network come from, if the council's stop creating enough waste to burn?
- Energetik's business model **is flawed** because it is dependent on the continued burning of waste at the Incinerator, which in turn relies on **either**
 - the council's failing to meet waste and recycling targets, **or**
 - waste that could be recycled being burnt, **or**
 - waste being brought in from other council's, with all the problems that brings in terms of transportation
- these competing risks have not been properly or independently **scrutinised and understood** by Enfield Council
- Energetik's business model is dependent on long term exclusivity deals with huge new housing developments, such as Meridian Water. Those households will have to continue using heat created by the burning of waste - **even where there are more environmentally friendly and potentially cheaper solutions** available