



Heat Network Programme Performance Dashboard April 2025



[Shams] Last updated: 4 April 2025

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Heat Network Programme

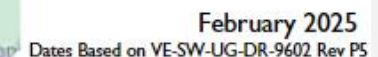
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Heat Network Programme on Page

Executive Summary		Overall progress
<p>Phase 1 of the Notting Dale Heat Network in North Kensington will set a new benchmark for sustainable urban living. The Council has partnered with Cenergist and Vital Energi to design and build a heat network supplied by 100% renewable energy. Heat network pipe construction started in September 2024. The heat network has been co-designed with Lancaster West residents, leading the way in terms of community involvement, to help ensure an outstanding customer experience. The significance of this approach has been recognised nationally, with the UK government's Department for Energy Security and Net Zero featuring this work as an exemplar in their 'Heat Network Investment Project Evaluation.'</p>		Heat network in construction started. First Heat On now forecast for March 2027.
Workstream summaries	Next month and beyond	Key statistics
<p>Progress to date</p> <p>Resident Co-Design and Engagement</p> <p>Successfully engaged over 200 residents on the energy centre locations and designs. There are two resident Notting Dale Heat Board Members. Feedback from the metering and billing workshop in 2024 is being actioned.</p>	<ul style="list-style-type: none">Resident involvement in a Thermal Comfort pilot is ongoingIncreased communications & engagement of programme timescales.Updated leaseholder communication awaits approval from Home Ownership Services.	<p>7.2km secondary pipe +0.2km from Mar</p> 
<p>Programme Milestones</p> <ul style="list-style-type: none">'First Heat On' of renewable primary and plant now forecast to March 2027, due to:<ul style="list-style-type: none">1) Reviewing the location of Air Source Heat Pump2) Accommodating a viable transition given slower pace of overall refurb programme3) Procurement of the electrical substations.Bomore Road, Camborne Mews, St Marks Road and Verity Close Parts, 2 & 3 primary completed. Lower Clarendon & Verity Close, Phase 4 (primary), The Walkways (secondaries) & Camelford Walk (secondaries) under construction.	<ul style="list-style-type: none">Finalise preferred option for location of the Air Source Heat PumpAppoint UKPN to design and build electrical power upgrade works for Heat Pump System.Procure electrical power upgrade works for Renewable Boiler Room.Salix Change Request for KLC secondary network upgrade.	<p>335 +5 from March</p> 
<p>Budget and Costs</p> <p>Contingency managed within budget to date. Proposal to reallocate funding within programme to be agreed in June 2025.</p>	<ul style="list-style-type: none">Review impact on budgets from review of delivery model and potential programme changes, including costs for customersEOT costs due to roof delays commence in May 2025 (£14k per week). We are negotiating how to reduce this as far as possible.	
<p>Strategic Risks</p> <ul style="list-style-type: none">Ongoing litigation with Bouygues and delay to commencement of roof works. Although March 2027 is the current proposed contractor programme, further delays will occur if there is no decision in June 2025.<ul style="list-style-type: none">Delayed refurbishment and phased removal of gas is being analysed.	<ul style="list-style-type: none">Review and agree proposed delivery modelTechnical due diligence linked to phased removal of gas, which accommodates delayed refurbishment of homes.	<p>New Domestic or residential system installed</p>

LANCASTER WEST
NEIGHBOURHOOD TEAM
W11

Complete!

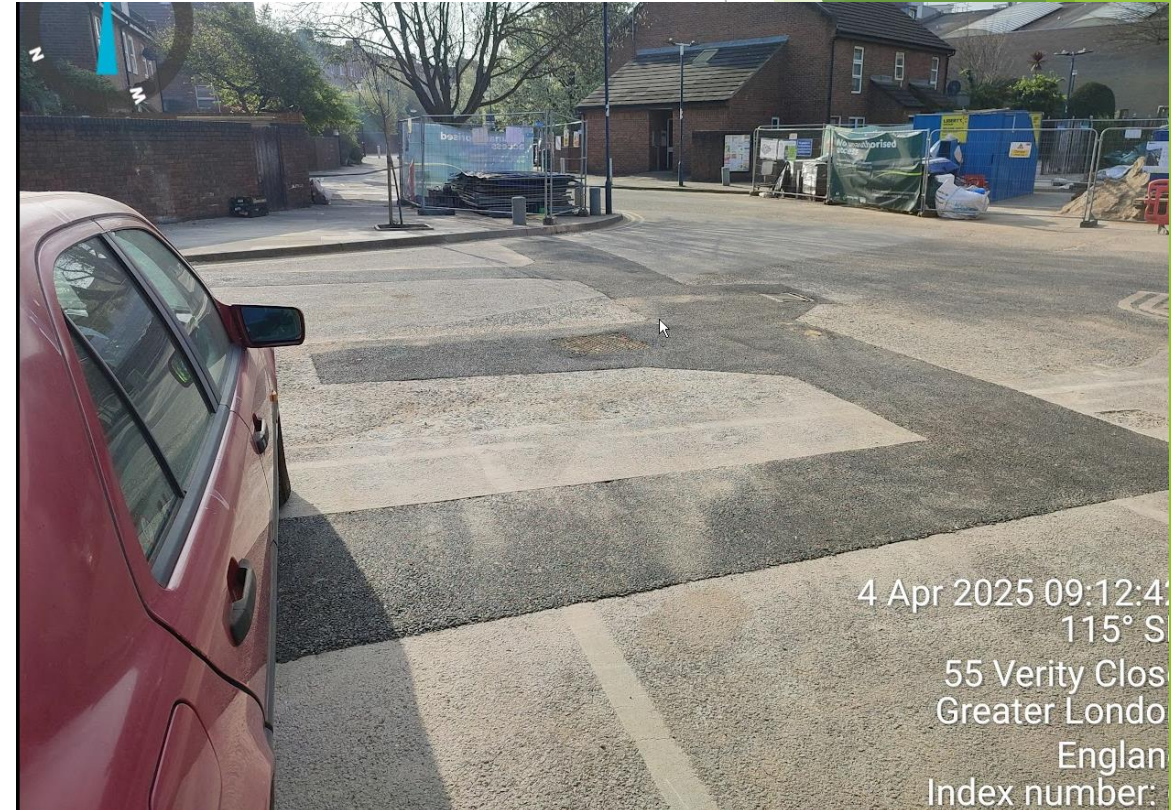


Photos from site – Verity Close (phase 3)



Trenching during phase 3 verity close. Next step is to weld and install the pipe

Image shows the trench backfilled and tarmacked



4 Apr 2025 09:12:47
115° S
55 Verity Clos
Greater Londo
Englan
Index number:

Photos from site – Lower Clarendon



Ground conditions outside lower clarendon
Note – concrete slab below pavers which lead to significant high impact works and increased programme

[Chris] LAST UPDATED: 23/04/2025



During construction works cyclists and scooters were mounting the pavement and racing site. As a result, the access was closed to prevent an accident.



Photos – Storage of Notting Dale Heat plant

Air Source Heat Pump



NB: a second Air Source Heat Pump and a closed loop Water Source Heat Pump are also in storage.

2 x Electric Boilers



2 no. SAV electric boilers

Photos – improvements and challenges



Additional safety measures installed covering pipes.



Reinstatement of barriers – ongoing issue



Brick work – requested to start again



More thorough cleaning of bricks and gates following construction

Maintaining a positive relationship with residents, with PBUK and Vital consistently exceeding expectations.

Programme: Primary Plant (Vital Energi)

Current
activity



Milestone achieved



Risks/issue events

Future
activity



Milestone to be achieved



Current time

Oct 24

Nov 24

Dec 24

Jan 25

Feb 25

March 25

April 25

May 25

June 25

July 25

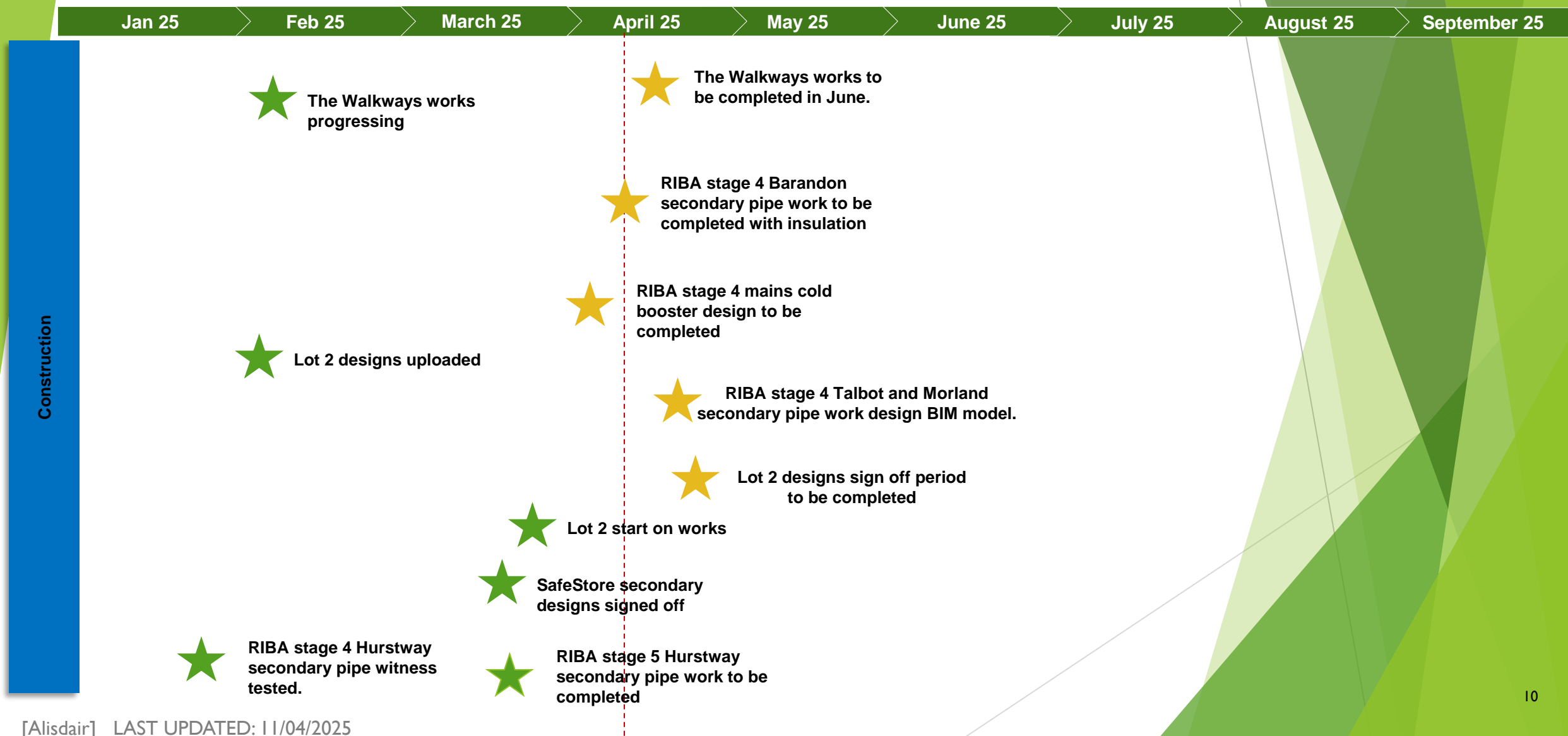
Aug 25

Sept 25

Project Delivery



Programme: Secondary Plant (Cenergist) External Design Work is progressing well, with the team embedded and on track



Health and Safety Review

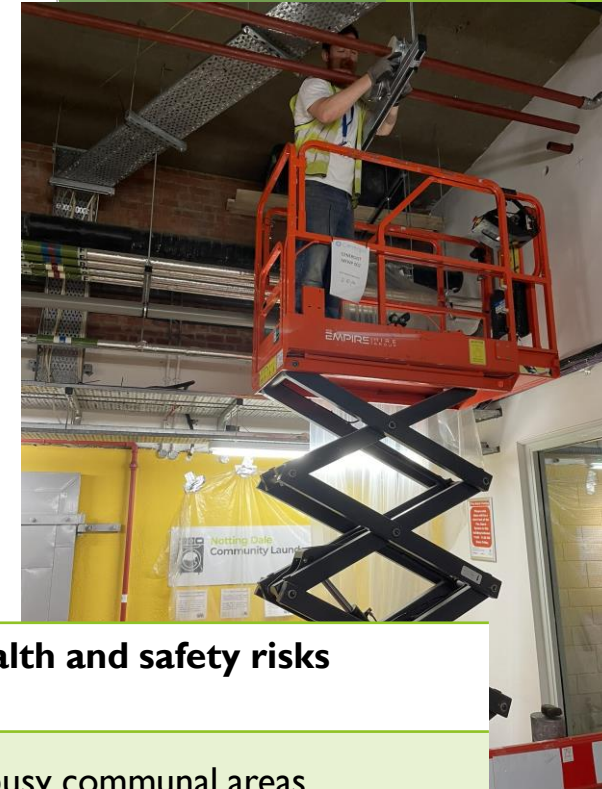
Secondary works - Cenergist

Secondary and Tertiary Works Progress

Cenergist's Construction Phase Plan last reviewed 18/03/2024

F10 notification – start 19/03/2024 for 116 weeks; exp: 09/06/2026

	This month	To date
Subcontractor RAMS Reviewed	1	13
Statistics for project		
Site inspections by Derisk	1	8
Cenergist site inspections	1	17
Cenergist internal audits	1	7
Major accidents	0	0
Minor injuries	0	0
Near-miss reports	0	0
Non-compliances	1	1
Toolbox talks	1	17



Current key health and safety risks identified

- 1 Working in busy communal areas
- 2 Work areas interfacing with Tower Site
- 3 Work at Height (Mobile Towers / MEWPs)
- 4 Noise when drilling for bracket fixings
- 5 Unexpected finds of ACMs
- 6 Coordinating works with other contractors

Health and Safety Review

Primary and Plant – Vital Energi

Score	111 / 114 (97.37%)	Flagged items	3	Actions	3
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Steps & Ladder Work. Is there a separate risk assessment in place covering the specific step/ladder works and is it acceptable for a ladder to be used following consideration of alternatives? Are ladders subject to an appropriate inspection regime? Are ladders being used and stored safely?

Improvement Required

Work Areas and Access/Egress Routes. Are work areas clear of trip and slip hazards, debris, cable management, spilt liquids etc.? Are pedestrian and vehicle routes suitable and sufficient?

Improvement Required

Shoring. Has provision been made to provide adequate safe shoring of sides of trenches/excavations?

Improvement Required

97.4%

Compliant with Industry Standards

Remarks: 2 of the 3 deficiencies were quickly rectified, see example below.

Documentation requested from Vital on shoring provisions



Before



After

Programme Outputs

950m primary pipe
+100m from March



7.2km
secondary pipe
+0.2km from Mar
+0.5km of Insulation on pipework



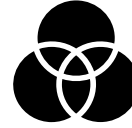
335
+5 from March



New Heating
System installed

335/826

265
+4 from March



Induction Hob
installed

265/592

Summer 2025



Until thermal store
arrives

Heat Pump
System



In Storage

Programme Outcomes

Benefits realisation

1.94MWh produced this month



Solar Panels (Hortensia Road)

Saving



402kgCO₂e this month
+ 255kgCO₂e since last month

Solar PV also installed in Lot 2, but monitoring paused due to ongoing works.

Reducing gas usage
in homes



since 2019

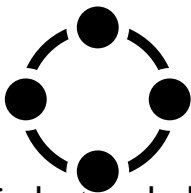
Saving



233 tCO₂e
in FY 2023/4 since FY 2022/3

233tCO₂e is roughly equivalent to taking 100 round-way flights in economy class from London to New York.

284 gas hobs have been replaced



with induction hobs

Saving



11,531 kgCO₂e
every year
+ 41kgCO₂e since last month

11.5tCO₂e is roughly equivalent to driving 28,750 miles in an average gasoline-powered car.

Social Value Delivery

Cenergist:



4 local residents employed on contract, inc. apprenticeships
Target achieved.



3.4k support for Community Projects (financial/in-kind)
+2.4k funding towards monthly community respite trips off the Estate

Upcoming

Recruitment for a labourer with Vital Energi was frozen due to works pause, will re-open later in year.

Vital Energi will be helping to upgrade the Verity Close garden of life and other spaces, through donations and volunteers to put upgrades in place.

Vital Energi:



1 local resident employed on contract, inc. apprenticeships
Resident started as Site Administrator in November. Currently recruiting for Site Assistant



6k support for Community Projects (financial/in-kind)
Funding towards summer and October half-term respite schedules

Good news

Cenergist are on track to **exceed** their local employment target!

Sean, who joined as a labourer, will be funded to complete a L2 and L3 plumbing apprenticeship, and an additional local labourer will be hired.

END