

# District Energy Vanguards Network Newsletter

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## UK

**16 July** – [London Infrastructure Group priorities to include Decentralised Energy proposals](#) – mayor of London clarifies question on Decentralised Energy.

**15 July** – [Summary evidence on DH Networks in the UK](#) – summary of data collected used to inform assumptions within modelling for ‘the future of heating: meeting the challenge’ published in March 2013 by DECC. A more rigorous data collection will be carried out to inform statistics on DH networks to be published in 2015.

**14 July** – [Southwark Heat Network project update](#) – 1,200 Southwark properties will benefit from the district heating network, which will be fed from currently wasted heat from the SELCHP waste to energy plant, based in neighbouring Lewisham.

**10 July** – [Project manager for Northamptonshire DH scheme sought](#) – the Green Recruitment Company are currently looking to recruit an experienced

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project manager to oversee the installation and commissioning of a 1MW district heating scheme.

**9 July** – [Leeds data centre operator working on DE scheme](#) –

DatacentreDynamics, a Leeds-based data centre operator, is working closely with air conditioning manufacturer, Airedale International, to design and build a prototype DH scheme.

**8 July** – [£100m funding available to invest in "Green Retrofit"](#) –

BRE along with partners Sustainable Development Capital Ltd have launched a new scheme to provide capital investment for non-domestic energy efficiency retrofit projects in the UK.

**6 July** – [Gateshead Council issue tender for DH scheme](#) –

five blocks of housing will also benefit from building fabric and roofing upgrades.

**26 June** – [Low Carbon Pioneer Cities Programme heat networks strand](#) –

DECC is looking for a contractor to carry out a process evaluation of the heat networks strand of the Low Carbon Pioneer Cities Programme, which allocated grants to five local authorities to support the early stages of low carbon heat network development.

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## Europe

**15 July** - [World Bank outlines DH efficiency project for Ukraine](#) – the \$350m proposed project would be implemented over six years and funded via loans from the IBRD, the CTF and Ukrainian utilities.

**13 July** - [Alingsås Energi acquires DH business from Statkraft Värme](#) –

Alingsås Energi, the parent company of a group of companies owned by the Alingsås municipality, has acquired DH business from Statkraft Värme, including the DH plant Sävelundsverket (Sweden).

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**12 July** - [Danish DH industry develops relationships with China](#) –new contracts between the Danish DH industry and Chinese DH plants underpin export boom to China.

**10 July** - [Heat Roadmap Europe 2050 published by Aalborg University](#) – a new study shows how DH could contribute to reaching the EU goal of reducing CO<sub>2</sub> emissions by at least 80% compared to 1990 level by 2050.

**10 July** - [Upgrade of Sofia DH System](#) –the EBRD has issued tender notices for the upgrade and modernization of Sofia DH System (Bulgaria).

**5 July** - [Upgrade of Lviv DH System](#) –the EBRD has issued tender notices for the upgrade and modernization of Lviv DH System (Ukraine).

**4 July** - [Upgrade of Yuzno-Sakhalinsk DH System](#) –the EBRD has issued tender notices for the upgrade and modernization of Yuzhno-Sakhalinsk DH System (Sakhalin Island, Russia).

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## North America

**18 July** – [American Council for an Energy Efficient Economy \(ACEEE\) release studies on benefits of CHP](#) – the three studies are designed to help utilities, policymakers, regulators, and end-users better appreciate and understand the immense value CHP can offer to an energy system.

**18 July** – [DHC proposed for City of Guelph, Ontario](#) – gas-fired district heating identified as potential contributor to city’s environmental targets and catalyst for economic development.

**12 July** – [BC, Canada, forges ahead with DH](#) – new development in Vancouver to use recovered heat from data farms as part of bid to achieve LEED Platinum standard.

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**10 July** – [Ithaca city approve DH proposal](#) – Ithaca city, New York planning committee have approved a CHP-DH program Energize Ithaca, a CHP development company.

**10 July** – [Ball State University, Indiana, tender for Geothermal DE Station](#)

**5 July** – [Toronto experience demonstrates benefits of DH](#) – four verified GHG reports demonstrate the economic and environmental benefits of DH.

**1 July** – [Holland City DE system will build on existing infrastructure](#) – the carbon footprint of the downtown area of the Michigan city of Holland could be reduced by as much as 60% if the DE system achieves a solid customer base.

**1 July** – [New Publication Provides Design Guidance on District Cooling Systems](#) – A newly published book, [District Cooling Guide](#), provides design guidance for all major aspects of district cooling systems, including on central chiller plants, chilled-water distribution systems and consumer interconnection.

**1 July** – [US Senate Energy Committee briefed on efficiency advantages of CHP-DH](#) – The US Senate Committee on Energy & Natural Resources was briefed by the International District Energy Association (IDEA) on both the efficiency and energy ‘resiliency’ advantages of CHP and district energy.

**29 June** – [Benefits of DH system in Markham City explained](#) – Mayor of Markham City, Ontario lays out compelling arguments in favour of District Energy..

**25 June** – [US City Sustainability Directors explain how DE drives greater Resiliency](#) – Sustainability officials from Boston, Philadelphia, Portland and Arlington believe that CHP-DE makes cities more resilient to extreme weather events and provide a competitive advantage to attract and retain businesses and research facilities.

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**21 June** – [Energy Policy Flaws in US Block Popularity of DE](#) – one of the root causes of the low take-up of DE is the lack of a well-defined energy policy, says Syska Hennessy Group.

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## **China, Asia and Australasia**

**16 July** – [the Finnish DH companies organise trade visit to Kazakhstan](#) - the visit is targeting the cities of Astana and Almaty and will cover district cooling as well as heating requirements.

**15 July**– [Qatar Cool fosters sustainable development in country's youth](#) – Qatar District Cooling Company, also known as Qatar Cool, has recently hosted a student work experience program and an internship program.

**13 July**– [Christchurch Council's ambitious DH plans](#) – Christchurch City Council (New Zealand) is seeking a consortium to build a heat network to supply 56 MW of demand in four discrete DH hubs.

**10 July**– [District cooling switched off at several homes due to billing issue](#) – Developers pulled the plug on district cooling to several homes in the 730-villa Jumeirah Islands community in Dubai with some families suffering for more than 10 hours.

**4 July** - [Fitch moves long-term rating of Korea DH Corporation up to A-plus](#) – Fitch attributed the government's willingness to support the public firms as a reason for the upgrades, as well as its rapid response to address the increased debt accumulated by the firms over the past three years.

**2 July**– [District cooling for World Trade Center](#) – UAE district cooling firm Tabreed is helping the Abu Dhabi World Trade Center project reduce its expected energy consumption by approximately 8 million KWh per year compared to conventional cooling.

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## Conferences and workshops

**21 August** – [The 4th Generation District Heating Centre](#) has put out an invitation to its second annual conference on 21<sup>st</sup> August 2013, in Copenhagen. The Conference will focus on DH and the role of CHP plants - now and in the future. Further details on presentations and panel discussions can be seen [here](#).

**23 & 24 September** – [3rd Global District Energy Summit and Awards](#) will take place at The Hudson Theater in Midtown Manhattan, New York, hosted by the International District Energy Association (IDEA) and Euroheat & Power (Brussels). The Awards will be judged and presented by the International Energy Agency (IEA) of Paris, France.

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## General interest, technology and research

**18 July** – [The importance of stress analysis for pre-insulated steel systems](#) - one of the UK's leading manufacturers of pre-insulated pipe for DH systems has highlighted the importance of stress analysis for pre-insulated steel systems.

**12 July** – [DH and the smart city](#) - energy networks are an already existing practical aspect of the smart city, in particular thermal DH.

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## Abbreviations used

- ACEEE - American Council for an Energy Efficient Economy
- CHP - combined heat and power
- CTF - Clean Technology Fund
- DE - district energy
- DH - district heating
- DHC - district heating and cooling

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EBRD - European Bank for Reconstruction and Development

GHG - greenhouse gas

IBRD - International Bank for Reconstruction and Development

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