

# District Energy Vanguards Network Newsletter

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## UK Policy – Open consultations

**20 Aug** – [CLG housing standards review consultation](#) – includes references to DH. The consultation closes on 22<sup>nd</sup> October.

**29 July** – [CLG updated national waste planning policy consultation](#) – the new policy encourages heat off take from EfW plants. The consultation closes on 23<sup>rd</sup> September.

**24 July** – [DECC consultation on changes to ECO rules](#). Among the changes DECC is proposing is introduction of more flexibility for DH under ECO. The consultation closes on 16<sup>th</sup> September.

**17 July** – [Parliamentary Select Committee call for evidence on heat](#) – the Energy and Climate Change Committee is inviting responses on heat related questions. The consultation closes on 2<sup>nd</sup> September.

## UK Policy – Reports and documents

**20 Aug** – [CLG report: towards more sustainable homes](#) – this report sets out the housing standards review challenge panel's views on the current system of building regulations and housing standards.

**19 Aug** – [DHNs: barriers to deployment - Why is the UK lagging behind?](#) – to understand why DECC have published a report, '[The future of heating: meeting the challenge](#)'

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**6 Aug** – [House of Commons ECCC publish reports on Local Energy](#) – the reports affirms the role of heat networks and includes a list of written evidence.

**29 July** – [CLG planning practice guidance for renewable energy](#) – the new guidance affirms the development of heat networks by encouraging developments which will produce waste heat, to be located close to existing or potential users of the heat.

**24 July** – [The Imbalance of Power - the Challenge of Decarbonisation](#) – this report from [Which?](#) sets out recommendations to help ensure consumers' interests are at the heart of Government plans to cut emissions from energy. **Recommendation 12 covers the interests of DH consumers.**

**17 July** – [Energy Companies Obligation \(ECO\) Guidance for Suppliers](#) – Ofgem have released the latest version of this document which includes a section on DH on pages 50 and 51.

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## UK News

**14 Aug** – [Olympic legacy neighbourhood scheme expected to be connected to DE scheme](#) – the planning application for 1036 homes is expected to be connected to the Olympic Park DE Scheme in addition to having on site PV and extensive SUDS measures.

**14 Aug** – [£40m bid to help Glasgow City homes tackle fuel poverty](#) – the grants from the Scottish Government and ECO funding is being channel via Sustainable Glasgow and will include building upgrades and DH schemes.

**13 Aug** – [Tender issued for heat work in Middlesbrough](#) – the work is being funded via the EU and will include insulation, DH and extensive heat related upgrades of all types.

**12 Aug** – [Stockport Homes is one of the best for renewable energy](#) – Stockport Homes, who operate biomass DH system, will be a finalist in the 'Best Renewable Energy and Energy Efficiency Initiative' category at this year's Association for Public Service Excellence awards.

**12 Aug** – [SELCHP to realise heat potential](#) – Southwark Council and Veolia Environmental Services have announced a £7 million investment for a new 5km pipe network to supply heating and hot water to five housing estates. The heat will be supplied from a local [35MW EfW plant](#).

**9 Aug** – [GDF SUEZ announces the acquisition of Balfour Beatty Workplace](#) – the acquisition will give GDF SUEZ, through its primary brand Cofely, a strong position in energy services, technical services & facilities management in the UK.

**1 Aug** – [Second phase of Sleaford's DH System due to start](#) – the works will see the DH main continued from the Leisure Centre under the River Slea to service the North Kesteven District Council offices and William Alvey School beyond.

**31 July** – [DH group set up in the Teignbridge area](#) – the group comprises local authorities and partners and has been set up to explore the implications and benefits of DH networks.

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**26 July** – [Leeds City Region \(LCR\) Strategic Heat Programme ITT](#) – tenders are invited for the heat-mapping of all ten local authorities covered by the LCR and for two known DHN priorities to undergo pre-feasibility energy masterplanning. Closing date is 11<sup>th</sup> September.

**25 July** – [Digest of UK energy statistics \(DUKES\) on CHP](#) – the latest edition of DUKES, released by DECC, shows that in the year 2011-12 CHP capacity grew by almost 3% to 6.1GW, meeting 6.4% of the UK's total electricity requirement.

**25 July** – [New AD facility to provide heat for Fife DH system](#) – renewable heat will supply the council's existing DH system and could meet the heating needs of the Queen Margaret Hospital.

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## Europe

**14 Aug** - [Metso to supply 10MWth biomass heating plant for Finnish DH system](#) – the plant will be fired by locally sourced wood-based biomass and significantly lower the volume of CO<sub>2</sub> emissions from the plant in Turenki, southern Finland.

**29 July** - [EfW plant to supply 20% of Tallinn and Maardu heat](#) – Eesti Energia will transmit heat energy to residents via the DH network.

**26 July** - [DE & Smart Energy Grids Experience from Denmark](#) – a presentation by Rambøll Energy outlining the smart energy infrastructure and exploring several energy projects, among them solar DH and DC systems.

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

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

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## North America

**13 Aug** – [Hibbing DH plant Penalized for Air Quality Violations](#) – the Minnesota Pollution Control Agency are enforcing measures to reduce particulate matter and carbon monoxide emissions from coal-fired boilers operated by the Hibbing Public Utilities Commission.

**10 Aug** – [Detroit Renewable Energy announces \\$55 million financing package](#) – the long-term package will include Detroit Thermal, a DH system that provides heat to more than 145 commercial customers in Detroit's central core.

**10 Aug** – [DC can be twice as efficient as normal air conditioning](#) –cool water from lakes and seas can be used for DC to reduce electricity consumption and carbon emissions.

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**28 July** – [St Paul DE July newsletter](#) – District Energy St. Paul, Minneapolis, celebrates three decades of energy service.

**17 July** – [GIS-based assessment of the DH potential in the USA](#) - the results from this study suggest that there is substantial potential for an extension of DH in the United States.

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## China, Asia and Australasia

**15 Aug** – [Cofely sees huge potential within the DC industry in S.E. Asia](#) –higher efficiency chillers, pumps, cooling towers, use of TSE water and thermal storage as well as CCHP are making DE more efficient and hence more appealing technically, financially and environmentally.

**31 July** – [Residents accused of tampering with their DC meters](#) – **Nakheel, the developer responsible for the** Jumeirah Islands complex, said the power theft amounted to defrauding the Dubai government and could invite a penalty of Dh20,000.

**28 July** – [Contract awarded for Green DC Plan](#) – Empower awards a AED155m (\$38m) contract for the first DC plant built to conform to Green Building Principles in the Middle East.

**28 July** – [DC malfunction creates H&S issues](#) – a DC malfunction keeps workers from getting some sleep in their quarters amid the heat at a camp in the United Arab Emirates.

**25 July**– [Mitsubishi wins order for chillers for Kuala Lumpur DC project](#) – the order is for 13 large-size centrifugal chillers for a large-scale DC system for the Kuala Lumpur City Centre area.

**22 July**– [Emicool, Swiss firm launch metering tie-up](#) – Emirates District Cooling (Emicool), a leading DC service provider, has launched a new partnership with Swiss-based Aquametro, a smart energy metering company, to offer high-tech metering systems.

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## Conferences and workshops

**3 October** – [CHP, Renewables & Power Road Show \(London\)](#) - this is the second of a series of regional Conferences and Road Shows with a focus on the latest CHP, Renewable, Biomass & Independent Power and other markets. A summary of the first road show which attracted in excess of 200 industry professionals can be seen [here](#).

**23 & 24 September** – [3rd Global District Energy Summit and Awards](#) - will be held in New York and is hosted by the International District Energy Association and Euroheat & Power (Brussels). The Awards will be judged and presented by the International Energy Agency of Paris, France.

**10 & 11 September** – [The Energy Event exhibition and conference](#) - is a free event dedicated to energy management, efficiency and procurement and will be held at the NEC, Birmingham.

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**5 September** – [CHP in Universities and Public Sector – cutting cost and carbon emissions](#) - this is a free seminar open to public sector property managers and their advisers to be held at the University of Edinburgh.

**26-28 August** – [2nd Annual Asia Pacific DC Forum](#) – will be held in Singapore. High on the agenda on this year's forum will be government regulation and future trends in DC investment.

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## General interest, technology and research

**29 July** – [PhD studentship: Low carbon district heating](#) - a socio-technical analysis of evolving social practices, values and relationships. The studentship will be based at the University of Exeter. The closing date for applications is midnight on 8th September 2013.

[Mapping the Underworld is a 10-year research programme](#) – **this UK based project** seeks to develop the means to locate, map in 3-D and record, using a single shared multi-sensor platform, the position of **all** buried utility assets without excavation.

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## Abbreviations used

- ACEEE - [American Council for an Energy-Efficient Economy](#)
- AD - anaerobic digestion
- CCHP - combined cooling, heating and power
- CHP - combined heat and power
- CLG - [Department for Communities and Local Government](#)
- CTF - [Clean Technology Fund](#)
- DECC - Department of Energy and Climate Change
- DE - District Energy
- DH - district heating
- DHC - district heating and cooling
- DHN - district heating network
- EBRD - [European Bank for Reconstruction and Development](#)
- ECCC - [Energy and Climate Change Committee](#) - House of Commons Select Committee
- ECO - [Energy Company Obligation](#)
- GHG - greenhouse gas
- H&S - health and safety
- IBRD - [International Bank for Reconstruction and Development](#)
- ITT - Invitation to Tender (European equivalent to RFP)

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PV - Photovoltaic

Ofgem - [Office of Gas and Electricity Markets](#)

RFP - Request for Participation (N. American equivalent to ITT)

SUDS - [Sustainable urban drainage systems](#)

TSE - Treated Sewage Effluent

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