

30 June 2010
For immediate release



chpa

CHPA call for move to 'integrated energy'

Bringing Energy
Together

Combined Heat & Power
Sustainable Energy Services
District Heating & Cooling

- CHPA unveils new brand identity and website
- Association outlines benefit of a move towards 'integrated energy' in meeting unprecedented UK energy challenges
- E.ON underlines the potential valuable contribution that CHP and district heating offers to the UK's energy future and welcomes focus on integration

The Combined Heat and Power Association (CHPA) celebrated the launch of its new brand and website yesterday at its annual President's Reception, held today in the House of Lords. The new identity embodies the diversity and core benefits delivered across the combined heat and power (CHP) and district heating sectors¹.

Alongside the new identity, Lord Whitty, President of the CHPA, launched 'Integrated Energy: The role of CHP and district heating in our energy future'². This comprehensive document provides a clear picture of how CHP and district heating directly contribute in helping address the unprecedented energy challenges the UK currently faces. Outlining the concept of 'integrated energy', it crucially also seeks to emphasise the value and benefit of partnership, wider diversity, flexibility and efficiency in developing an optimised energy system as a whole.

Its publication is timely. Even though substantial areas of opportunity remain underexploited, the sector is demonstrating significant growth and investment.

Sara Vaughan, E.ON Director of Regulation and Energy Policy explained: "We see CHP and district heating as valuable elements of a diverse energy mix, not only for E.ON but also for the UK as a whole.

"Both CHP and district heating can represent highly cost efficient ways of abating carbon when deployed in appropriate settings. But the benefits do not end there. They can also be seen as a future proofed infrastructure investment for UK Plc, as they help unlock sustainable, secure energy opportunities for local communities, businesses and industry that would otherwise not have been possible, for example capturing waste heat."

On launch of the new brand and 'Integrated Energy', Lord Whitty said: "If we can adopt a coordinated, comprehensive and complementary approach to the energy and climate challenges we face, then we will maximise the opportunities for success. As an articulation of this perspective and opportunity, I very much welcome the approach of 'Integrated Energy' advocated by the CHPA."

- ENDS -

Media contact:

Tom Fern
CHPA
Communications Manager
Email: tom.fern@chpa.co.uk

Tel: 020 7976 4296
Mobile: 07817 575 467

Images available on request.

Notes to editor:

1. See [here](#) for more background on changes to the CHPA identity and the launch of its new website.
2. See [here](#) to download an electronic copy of 'Integrated Energy: The role of CHP and district heating in our energy future'.

About the CHPA:

The Combined Heat and Power Association (CHPA) is the leading advocate of an integrated approach to delivering energy services using combined heat and power and district heating. The Association has over 100 members active across a range of technologies and markets and is widely recognised as one of the leading industry bodies in the sustainable energy sector. For more information about the CHPA see: www.chpa.co.uk.

About E.ON:

E.ON is one of the UK's leading power and gas companies – generating and distributing electricity, and retailing power and gas – and is part of the E.ON group, one of the world's largest investor-owned power and gas companies. We employ around 16,000 people in the UK and more than 88,000 worldwide;

We're one of the leading green generators in the UK, with 20 wind farms located from Cambridgeshire to Kintyre. We own and operate one of the UK's largest dedicated biomass power stations at Lockerbie. Combined, our renewable portfolio generates enough green energy to power the homes in a city the size of Manchester;

Our green development portfolio could power over a million homes and displace the emission of almost two million tonnes of carbon dioxide a year by building new onshore and offshore wind farms, biomass power stations, and marine power schemes;

E.ON is a market leader in UK CHP with 12 sites supplying over 500MW of electricity and in excess of 900 MW of heat. It will be substantially adding more capacity when its new £500m gas fired Grain CHP comes online in 2010/11. This is coupled with ownership of existing CHP and district heating schemes in London such as Citigen in Farringdon and a scheme in partnership with Barratt Homes in their new low carbon Dalston Square development in Hackney. For more information about E.ON see: www.eon-uk.com.

About CHP:

Combined heat and power (CHP) – CHP integrates the production of usable heat and power (electricity), in one single, highly efficient process. Delivering a minimum of 10% energy savings, it makes the very best use of renewable and fossil fuels. This efficiency means less stress on precious fuel resources and higher carbon savings.

The latest Government estimate of installed CHP capacity is 5.5 GWe (DUKES 2008). This accounted for some 7% of the UK's electricity supply. Government estimates indicate that CHP saved between 10.8 and 14.4 million tonnes of CO₂ in the same year.

The Government's Energy White Paper also predicts an increase in the generation of electricity from new CHP plants to 15.5 GW by 2020. This is linked to an estimated reduction of 13 million tonnes of CO₂.

About district heating and cooling (DHC):

A network of pipes distributing steam, hot or chilled water, district heating provides robust and flexible infrastructure, capable of bringing low-carbon and renewable heating and cooling to urban centres. Heat networks offer the prospect of maximum progress towards 'zero-carbon' standards in new-build housing and commercial developments. They will increasingly become a strategic energy asset, with the flexibility to smooth peaks in heating demand and store surplus energy from a range of renewable electricity generators.