

CIBSE Homes for the Future Debate on Community Heating 3rd Dec 2013

E.ON Community Energy

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The E.ON logo is located in the bottom right corner of the slide. It consists of the lowercase letters "e-on" in a white, italicized, sans-serif font, set against a solid red rectangular background.

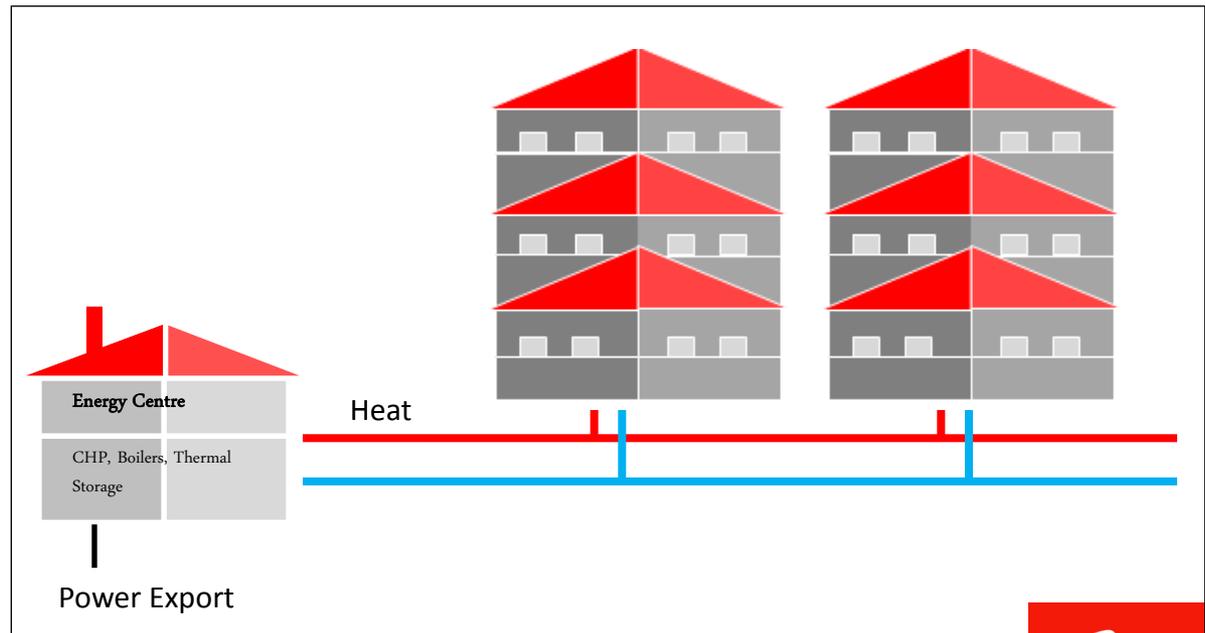
E.ON Community Energy – A business unit of E.ON UK

E.ON Community Energy designs, builds, funds and operates low carbon energy solutions to allow developers and local authorities to meet their carbon and renewable targets

A community energy scheme consists of an energy centre generating heat and/or power, connected to individual residences via a **heat network**.

The energy centre can consist of a variety of plant from CHP to GSHP.

Individual properties have a Heat Interface Unit (HIU) rather than a gas boiler



Reasons to believe

- CHP with district heating can meet Zero Carbon On-Site requirements
- With an ESCO, District Heating can be the most cost effective option for a developer to meet carbon targets
- Heat service looks and feels no different to the customer.
- Lower cost heating to the customer and worry free
- CHP with district heating can dampen price fluctuation in heating bills

Challenges

- Customer choice and protection
- Design and delivery standards