



Understanding the impact of micro combined heat & power technology

Gas CHP Impact Study

We want to understand the role gas networks could play in the deployment of Micro CHP (mCHP) technologies, and the contribution they could have to meet both peak energy and heat demand.

There are a number of gas CHP technology types, each with differing characteristics and relevance to different applications and markets.

Little research was available to help us determine the technical, commercial and regulatory challenges for gas networks.

Working alongside Northern Gas Networks and Element Energy we've produced a high level assessment of the impact that mCHP technologies could have and identified the potential benefits they could bring. The studies will help gas networks assess the scale of the impact from growth of the mCHP market alongside partners like energy suppliers, mCHP manufacturers and electricity networks.



**YOUR GAS EMERGENCY
AND PIPELINE SERVICE**



Key Benefits

- A high level assessment of the impact of gas mCHP technologies on gas networks.
- We have investigated a range of sizes, markets, and different technology types, and established potential challenges and benefits that they could bring.

Next Steps

- Provide an assessment of possible commercial models for achieving growth of the mCHP market through consultation with partners such as energy suppliers, mCHP manufacturers, and electricity networks.

