



L-R: Neil McCracken, Phoenix Energy; Denzil Cluff, Eco Erne; Dan Wilden, Alpha; Wayne Hutton, Tri-power; Matthew McGaffin, McGaffin Mechanical; and Josh Rowe, Refresh Solutions.

PHOENIX ENERGY IS SUPPORTING TRIALS, INCLUDING A PILOT BELFAST HOME, AIMING TO MEASURE THE EFFICIENCY AND ENERGY COST SAVINGS OF HYBRID GAS-AND-ELECTRIC SOLUTIONS...

Showcasing a revolutionary development in home heating solutions

Phoenix Energy, alongside Refresh NI and manufacturer Alpha, hosted partners to an open house event in Belfast earlier this year to showcase the latest cutting-edge technology in home heating, a hybrid solution combining an electric heat pump and gas boiler. The event comes at a time when the

Northern Ireland energy industry is ramping up its exploration of solutions to achieve net zero, and decision makers are considering which technologies can best integrate with existing infrastructure and ultimately deliver low-cost, low-disruption measures for consumers. The Belfast

home is part of a wider trial that aims to measure the efficiency and energy cost savings of hybrid gas-and-electric solutions. Speaking at the event, Phoenix Energy CEO Kailash Chada outlined the significance of the integrated solution. "This is an exciting time for the energy industry," said Kailash.



Alpha E-Tec hybrid heat pump - outside unit.



Dan Wilden, Alpha.



Josh Rowe, Technical Director at Refresh Solutions, demonstrated the control panel for the heating system.



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L-R: Neil McCracken, Phoenix Energy; Debbie Caldwell, Belfast City Council; Judith Wilson, DAERA; Andrew Lamont, Choice; Iain Hoy, Phoenix Energy; and Conor Sage, NMDDC.

system showcased today is making a considerable contribution to carbon savings, reducing emissions by approximately 45% compared to a gas-only boiler whilst also reducing the customer's energy consumption and bills. "Ultimately, it will be the demand of customers that will drive the need for a lower energy solution. Customers can benefit from using less energy, and from better efficiencies through the electric heat pump element, whilst retaining the reliability that a gas boiler provides across all seasons to meet the comfort levels that householders demand. "As the gas industry begins

to decarbonise and progresses its pathway to net zero through the introduction of renewable gas solutions such as biomethane, it's great to see new innovative customer solutions like this one coming into the local marketplace." Bill Cherry, Chief Executive of Refresh NI, said, "As a local installation company that's been in the industry for over 30

years, I can truly say this is one of the most exciting innovations we have brought to the local marketplace. Introducing a new, decarbonising technology that is an evolution from existing infrastructure means that customers will very soon be able to benefit from renewable energy solutions that are affordable, without disruption to their homes and lives."

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Attendees of the event were given an overview of the hybrid heating system which combines a gas boiler and heat pump.