

Ideas for future projects?

OCT 2019

Electricity Distribution

An Electric Heat Pathway – Looking Beyond Heat Pumps

Reference:

NIA_SSEN_0039

Status:

Live

Start Date:

Oct 2019

End Date:

Apr 2020

Funding Licencee(s):

Scottish and Southern Electricity Networks, Scottish Hydro Electric Power Distribution and Southern Electric Power Distribution

Contact:

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Funding Mechanism

Network Innovation Allowance

Research Area:

ED - Transition to low carbon future and ED - Customer and stakeholder focus

Core Technology(ies):

Carbon Emission Reduction Technologies, Energy Storage and Heat Pumps

Estimated Expenditure:

£33,400.00

Introduction:

In the ongoing debate about future energy policy, it appears there has been a presumption of any electrified heat pathway being based around the use of heat pumps. It is deemed essential to establish a pragmatic solution to the immediate problem of RTS switch-off and a long term model which will allow electric storage heating to play an appropriate role in heat decarbonisation and the shift to a smart, flexible electricity system. This project intends to be the important first step in addressing that.

Objectives:

It is anticipated that the report from this project will, among other things:

- Stimulate public debate on storage heating, an important but often overlooked element of energy policy
 - Provide better understanding of the opportunities and benefits of flexible heating demand, and how best to implement them
- Influence internal policy changes in SSEN and use the report to lobby for change at a wider industry level

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