

Project ID	DIP109		
Long Title	Tackling Fuel Poverty & Grid Balancing with Smart Electric Storage Heat		
Short Title			
Keywords	Community; Town; Domestic; Electricity; Heat; Thermal Storage; Smart Grids; Demand Response; Smart Devices; Social Impacts; Stakeholder Engagement & Behaviour Change;		
Location (Town, Region, Country)	Motherwell	Lanarkshire	Scotland
Latitude and Longitude	55.77N	3.97W	
OSGB code	NS 767 550		
Status	Ongoing		
Start Date	2017		
End Date	2018		
Description	<p>This project will affect the lives of social housing residents with electric storage heating by improving the quality of their heating, reducing their bills and carbon emissions. The project will deploy VCharge technology to enable heaters to be charged at different times for each tenant and each room based on their own requirements and lifestyle. To achieve this the project will bring together: landlords who care about alleviation of fuel poverty; an experienced by local social housing contractor (Keepmoat); Strathclyde University who are experienced in validation and monitoring; and Community Energy Scotland who are experienced in community engagement.</p>		
Sectors	Domestic		
Funding Sources	Low Carbon Infrastructure Programme		
Budget £	£2.5 million (£1.35m from LCITP)		
Partners	Engie, Keepmoat, GHA, North Lanarkshire Council, South Lanarkshire Council, OVO Energy, Community Energy Scotland, Strathclyde University		
Energy vectors	Electricity, Heat		
Scale (lab/site/ small/community/region/national)	Community		
Technologies demonstrated	Demand response devices, smart controls, efficient storage heating		
Economic models demonstrated	Grid services, new commercial models, community engagement		
Other concepts demonstrated	Demand response, energy efficiency retrofit		
Industry engagement			
Consumer engagement			
Project Reports (incl. links)	https://mars.northlanarkshire.gov.uk/egenda/images/att86352.pdf		
Datasets (incl. links)			

Website/social media	http://www.scottishhousingnews.com/15357/low-carbon-infrastructure-projects-secure-43m-of-scottish-government-funding/
Information sources	As above