

Project ID	DIP043		
Long Title	Glasgow Future Cities – Demand Side Management		
Short Title			
Keywords	Small-scale; Urban; Non-domestic; Power Quality & Grid Integration; Smart Grids; Demand Response; Active Network Management; Energy Strategy Development;		
Location (Town, Region, Country)	Glasgow		Scotland
Latitude and Longitude	55.52N	4.15W	
OSGB code	NS 59 66		
Status	Complete		
Start Date	2013		
End Date	2015		
Description	<p>Installation of demand side equipment in 10 Glasgow City Council buildings.</p> <p>Improved understanding of potential to use demand side management for both energy efficiency improvements in buildings and to support the electrical network through load shifting, peak shaving, and emergency response.</p> <p>Development of a third party hosted software interface that allows demand side events to be scheduled remotely.</p>		
Sectors	Non-domestic		
Funding Sources	Innovate UK		
Budget £	Sub-project of £24million Future Cities Project		
Partners	Glasgow City Council, Scottish Power Energy Networks		
Energy vectors	Electricity, Heat		
Scale (lab/site/ small/community/region/national)	Small		
Technologies demonstrated	Demand response devices, smart controls, active network management,		
Economic models demonstrated	Grid services, deferred network investment		
Other concepts demonstrated	Grid constraint mitigation, energy efficiency retrofits		
Industry engagement			
Consumer engagement			
Project Reports (incl. links)	http://futurecity.glasgow.gov.uk/reports/ Paper: http://journals.sagepub.com/doi/pdf/10.1177/0042098015597162		
Datasets (incl. links)			
Website/social media	http://futurecity.glasgow.gov.uk/energy/		

Information sources	As above
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