

Project ID	DIP006		
Long Title	Ashton Hayes Smart Village		
Short Title	AshH		
Keywords	Community; Rural; Electricity; Demand Response; LV Grid Monitoring; Stakeholder Engagement & Behaviour;		
Location (Town, Region, Country)	Ashton Hayes	Cheshire	England
Latitude and Longitude	53.22N	2.74W	
OSGB code	SJ 511 693		
Status	Completed		
Start Date	2012		
End Date	2014		
Description	<p>The project aimed to support Ashton Hayes towards its goal of becoming a carbon neutral community through examining the feasibility of connecting a range of low carbon technologies to the network. It also aimed to explore the relationship between the DNO and the community, establishing a blueprint for community engagement that could be adopted for projects across the country and integrated into normal business practice where appropriate.</p> <p>To achieve these goals, the project sought to engage directly with the community on methods for reducing and optimising total energy consumption, install additional metering to help improve the accuracy and granularity with which total energy consumption was measured, and introduce new techniques to support demand side reduction including behaviour change in residential homes and public properties. The project sought to ensure it worked in a way, which would allow maximum adoption of low carbon technologies without compromising the network.</p>		
Sectors	Domestic		
Funding Sources	OFGEM LCNF		
Budget £	£200,000		
Partners	Scottish Power Networks; EA Technology; Ashton Hayes Community.		
Energy vectors	Electricity		
Scale (lab/single/small /community/region/national)	Community		
Technologies demonstrated	LV grid monitoring		
Economic models demonstrated			
Other concepts demonstrated	DNO-Consumer engagement, demand response, grid constraint mitigation		
Industry engagement	Industry led		

Consumer engagement	c.430 homes involved
Project Reports (incl. links)	Detailed internal project closeout report with performance to initial aims and objectives, and lessons learned, defined. https://www.ofgem.gov.uk/sites/default/files/docs/2014/02/ashton_hayes_cdr_v3_0.pdf
Datasets (incl. links)	
Website/social media	http://www.goingcarbonneutral.co.uk/
Information sources	http://www.smarternetworks.org/project/spt1002/documents Included in general review of LCNF projects for Citizens Advice https://www.citizensadvice.org.uk/Global/Migrated_Documents/corporate/capturing-the-findings-on-consumer-impacts-from-lcnf-projects.pdf and by UKERC http://www.ukerc.ac.uk/publications/a-review-and-synthesis-of-the-outcomes-from-low-carbon-networks-fund-projects.html . Identified in conference paper. https://ec.europa.eu/jrc/en/publication/evolving-role-distribution-system-operator-end-user-engagement