Project ID	DIP080		
Long Title	RE:NEW London – Solar Energy and Battery Storage Trial		
Short Title			
Keywords	Small-scale; Urban; Domestic; Electricity; Solar PV; Direct Electric Storage; Social Impacts;		
Location (Town, Region, Country)	London		England
Latitude and Longitude	51.54N	0.10W	
OSGB code	TQ 32 84		
Status	Complete		
Start Date	2015		
End Date	2016		
Description	Solar energy offers the potential to cut tenants' fuel bills significantly, however matching solar energy supply and customer energy demand has to date been a significant barrier. Storage and demand flexibility are two key innovations in a 'smart power revolution' which, according to the National Infrastructure Commission, could save consumers up to £8 billion a year by 2030. Advances in this field also offer real potential for reducing fuel poverty which affects over one million UK households. National Energy Action (NEA), the national charity working to end fuel poverty in England, Wales and Northern Ireland, has funded a series of competitive project awards to demonstrate how energy storage and solar PV technologies can help to tackle fuel poverty. The London boroughs of Camden, Islington and Waltham Forest have partnered to trial the impact of installing batteries to 41 properties. The trial project, led by the London Borough of Camden and delivered by contractors Lakehouse and Solgain, aims to improve understanding of the role of battery storage in reducing domestic fuel bills. Many social property owners have already installed solar PV so it makes sense to link panels to batteries that store the electricity generated during the day for evening and night-time use. Part of the wider RE: NEW London project covering many energy and retrofit-related sub-projects.		
Sectors	Domestic		
Funding Sources	National Energy Action / Direct		
Budget £	Undefined		
Partners	London Borough of Camden, Moixa		
Energy vectors	Electricity		
Scale (lab/site/	Small		

small/community/region/national)	
Technologies demonstrated	Solar PV, battery storage
Economic models demonstrated	Fuel poverty alleviation
Other concepts demonstrated	Low carbon retrofit
Industry engagement	
Consumer engagement	41 households
Project Reports (incl. links)	https://www.london.gov.uk/sites/default/files/renew_solar_energy_case_study2.pdf
Datasets (incl. links)	
Website/social media	https://www.london.gov.uk/what-we-do/environment/energy/renew-0/renew-case-studies
Information sources	As above