

Project ID	DIP048		
Long Title	Hunterston Energy Storage Project		
Short Title			
Keywords	Site; Multi-sector/Grid; Wind; Direct Electric Storage; Energy Strategy Development;		
Location (Town, Region, Country)	Hunterston	North Ayrshire	Scotland
Latitude and Longitude	55.72N	4.90W	
OSGB code	NS 180 515		
Status	Ongoing		
Start Date	2017		
End Date	2018		
Description	<p>The objective of this project is to demonstrate that the use of lithium-ion battery storage systems, for mitigating wind variability and accommodating this energy in the GB national grid, is commercially viable. SSE will deploy a wind-integrated Li-ion battery energy storage system (BESS) at Hunterston National Offshore Wind Turbine Test Facility. It is anticipated that outcomes of this project will include provision of operational real time evidence demonstrating the commercial viability of multi-revenue stacking from a wind co-located BESS; and a dissemination strategy to inform industry, regulatory approaches and policy-making.</p>		
Sectors	Grid		
Funding Sources	Low Carbon Infrastructure Programme		
Budget £	£2.4 million (£1.2m from LCITP)		
Partners	SSE		
Energy vectors	Electricity		
Scale (lab/site/ small/community/region/national)	Site		
Technologies demonstrated	Battery storage, wind		
Economic models demonstrated	Grid services, new commercial models		
Other concepts demonstrated			
Industry engagement			
Consumer engagement			
Project Reports (incl. links)			
Datasets (incl. links)			
Website/social media			
Information sources	http://www.gov.scot/Resource/0053/00530338.pdf		