Lead bidder	Partner organisations	Title & outline of proposed energy storage demonstration project	Contact details for further information
Aston University	Altairnano; Renault UK; TML; ABB Ltd;  Portastor Ltd; Sheffield University;  Energy Cost Advisors; Western Power Distribution; G&P Batteries Ltd	HB2G – Hybrid Batteries to Grid:  Feasibility work for a proposed project which is to demonstrate a hybrid scheme with a mixture of second life ex-transportation batteries (which should be available at lower cost) with new battery technology (highly reliable and long life) to fulfil energy storage needs of both power and energy at lower cost while at the same time contributing to the development of commercial opportunities from automotive battery re-use.	Contact: Dani Strickland  Tel: 0121 204 3737  Email: d.strickland@aston.ac.uk
B9 Energy O&M Ltd	Lightsail Energy Inc; Fast Technologies Ltd; RES Ltd	Making SENSE (Smart Energy Storage):  Feasibility work for a proposed project to design, develop and demonstrate a 1MW / 6MWh commercial-scale Isothermal Compressed Air Energy Storage system (ICAES) to address challenges in the Northern Ireland electricity network.	Contact: David Surplus  Tel: 028 28263925  Email: d.surplus@b9energy.co.uk
Energy Cache Inc	N/A	Gravitational Potential Energy Storage via Aerial Lift of Aggregate Material:  Feasibility work for a proposed project to deliver the final	Email:  press@energycache.com

		design, construction, and testing of a 250kW, 2 hour capacity, commercial-scale demonstrator installation of a system to address bulk energy storage needs and rapid response capability.	www.energycache.com
Enrichment Technology Company Ltd	N/A	Decentralized Energy Storage Solutions for Local Grid Applications:  Feasibility work for a proposed project to install and test a flywheel-based energy storage system capable of providing maximum power of 1.2MW and maximum energy capacity of 200kWh to address national and local grid requirements.	Contact: Phil Taylor  Email: phil.taylor@uk.enritec.com or  Rainer vor dem Esche  Email: rainer.vordemeesche@de.enritec.com
EValu8-Transport Innovations Ltd	Future Transport Systems; Lotus Engineering; Circontrol; Goodwolfe Energy; UK Power Networks; Anglia Local Enterprise Partnership; APT	EVEREST (Electric Vehicle Embedded Renewable Energy Storage and Transmission):  Feasibility work for a proposed project to develop, test and commercialise modular storage solutions to defer electricity network upgrade costs when installing Plug-in EV rapid chargers, provide an integration hub for intermittent renewable generation, and reinforcement of the electricity distribution network The proposed energy storage device will in part use 'second Life' EV batteries as its primary storage medium.	Contact: Russell Fenner  Tel: 01707 284740  Email: russell.fenner@evalu8-ti.org.uk  www.evalu8-ti.org.uk
Highview Enterprises Ltd	Grain LNG; Costain Ltd.	Isle of Grain Liquid Air Energy Storage Demonstration Project: Feasibility work for a proposed project to build a	Highview Press enquiries

up to 6MW and 30MWh - Toby Peters
t to demonstrate Highview's
r energy storage system and to
toby.peters@highview-power.com
y can be optimised using low-grade T: 0207 872 5800
sources.
Project/Technical enquiries
Gareth Brett
CEO
gareth.brett@highview-power.com
T: 0207 872 5800
Emma Gibson
Operations Manager
emma.gibson@highview-power.com
T: 0207 872 5800
www.highview-power.com
National Grid Grain
Gilly West
Press Officer
National Grid
T: +44 (0) 1926 655373

Hydrogenics Europe NV	CNG Services Ltd; Electrochaea Denmark	P2G BioMet – Power-to-Gas via Biological Methanation:  Feasibility work for a proposed 1MW power-to-gas facility to demonstrate the conversion of surplus electricity into methane for storage and distribution via the existing natural gas grid.	M: +44 (0) 7771 841038 E: gillian.west@nationalgrid.com  Costain  Graham Read – Communications Director graham.read@costain.com  Tel 01628 842585  www.costain.com  Contact: Dominic Hofstetter, VP of Business Development, Electrochaea LLC  Tel: +41 79 686 17 27  Email: dh@electrochaea.com  www.electrochaea.com
Moixa Technology Ltd	Kiwi Power Ltd; Good Energy Ltd; Northern Power Grid; G&P Batteries Ltd; Solar Fair Itd/AtmosClear SA; Aquion Energy Inc (USA)	MASLOW – Distributed energy storage for essential consumer and grid-scale network needs:  Feasibility work for a proposed project to deploy 1MWh of storage across 750 domestic sites. The MASLOW system provides night storage for electricity through Meter Attached Storage, to power low voltage LED lighting and DC electronics during peak periods. The system ensures energy efficiency adoption, and can store energy from local solar or regional wind resources to provide back-up	Contact: Simon Daniel, CEO  Tel: 0207 734 1511  Email: Simon@moixaenergy.com

PassivSystems Ltd	n/a	resilient power, helping to keep the lights and computing online.  PassivBellows:  Feasibility work for a proposed project to demonstrate electrical and thermal storage at grid-scale in multiple domestic premises to meet consumer and grid-scale needs.	www.moixatechnology.com  Contact: Mike Patterson  Tel: +44 (0) 845 271 3535  Email: mike.patterson@passivsystems.com  www.passivsystems.com
REDT UK Ltd	Scottish & Southern Energy Power Distribution; Gigha Green Power Ltd;  EA Technology Ltd; Community Energy Scotland	Vanadium Redox Flow Battery (VRFB):  Feasibility work for a proposed project to demonstrate and test a 1.2MWh flow battery storage system on the Isle of Gigha to store surplus wind energy for use in the local electricity network when required.	Contact: Gary Simmonds  Tel: 0118-973-7769  Email:gary.simmonds@poweringnow.com  www.poweringnow.com
Viridor Waste Management Ltd	Highview Enterprises Ltd	Liquid Nitrogen Cryogenic Energy Storage Demonstration Project:  Feasibility work supporting the build and demonstration of a liquid nitrogen based energy storage and generation system (up to 5MW and around 20MWh) using waste heat from a landfill gas engine to increase system efficiency.	Viridor  Contact: Ian Morrish  Tel: 01604 813330 I 07775 731044  Email: IMorrish@viridor.co.uk  Highview  Contact: Toby Peters  Tel: 0207 872 5800

			toby.peters@highview-power.com
Yuasa Battery	n/a	Grid Reinforcing Operation of Uninterruptible Power	Contact: Peter Stephenson
Europe Ltd		<b>Supplies:</b> Feasibility work for a proposed project to demonstrate a 2-3MW, 4MWh energy storage system based on using industrial lithium ion batteries in existing uninterruptible power supply equipment and infrastructure.	Tel: +44(0)1495 354069 Email: peter.stevenson@yuasaeurope.com