



2nd Vehicle 2 Grid Conference

Electric vehicles for the renewable city

Upside Energy

Contact person: [Graham Oakes]
[graham@upsideenergy.co.uk]

[Upside Energy]
[+44 7971 546288]

[UK]

Introduction

Upside is building a cloud service to coordinate hundreds of thousands of batteries in home energy storage systems, uninterruptible power supplies, electric vehicles, etc, into a Virtual Energy Store. We then use this energy store to provide balancing services to the grid, distribution networks and energy suppliers. Our service recently started commercial operations in the UK, and won the Shell Springboard prize for low carbon innovation in April 2017.

Aim

We are seeking partners to integrate additional classes of equipment into our service, especially electric vehicles and charge points. We are also seeking academic partners to participate in our Open Innovation Network for algorithm development.

Expected deliverables

We are interested in projects that will deliver analysis of the impact of EVs on the grid and of the opportunities to use them to provide balancing services to TSO, DSO and Energy Suppliers. We are also interested in technology demonstrators to show integration of EVs into the energy system in order to deliver balancing services. We are currently setting up a 500-home domestic trial in Cornwall that could be used as the basis for such demonstrators.

Required partners

EV and charge point manufactures. Academic institutions and research organisations. TSO and DSOs. Energy suppliers.

More information / Website

upsideenergy.co.uk



Innovate UK

