

# ARE YOU KEEN TO CONTROL YOUR ENERGY COSTS?

## A second-life battery storage solution from Connected Energy could be the answer to managing your high electricity demand.

We are working with West Sussex County Council on a project to install battery storage systems that help to balance supply and demand on the electricity grid and reduce energy costs.

Through this initiative, co-funding is potentially available for nine commercial-scale 300kW battery storage systems and we want to hear from suitable companies with an average 150kW per HH of electrical usage and 300kW peak usage.

This project forms part of the County Council's wider work to increase renewable energy generation and consumption on business parks through the BISEPS project.



## Why should you talk to us?

### A battery storage system for your company could provide:

- An additional revenue stream through grid services
- Reduced use of grid electricity during peak charging periods
- The ability to avoid import capacity charges when on-site energy demand peaks
- Storage capacity for surplus generation from on-site renewable energy systems
- Power to support an on-site EV charging infrastructure
- Added resilience, protection from power outages and less reliance on carbon intensive diesel generators

The systems would be part of a wider portfolio of state-of-the-art, clean technology systems in West Sussex.

**Co-funding  
potentially  
available  
9x 300 kW  
systems.**



## What would we need from you?

- One year of half hourly electricity data
- Your current import capacity in KVA
- Details about any renewable energy sources you have on your site currently
- A brief outline of any plans for expansion which are likely to affect your energy usage
- A brief outline of any current issues with peak or import connection caps on the site or your ability to increase kVA

Our technology **remotely** operates and monitors the **second-life batteries** to **maximise** their performance.

## What would you get in return?

A **FREE** DESKTOP FEASIBILITY ASSESSMENT

A **PRESENTATION** OF THE PROJECT AND HOW YOU CAN BE PART OF IT

A **BUSINESS CASE** SHOWING THE **BENEFIT** TO YOU

POTENTIAL **BATTERY ENERGY STORAGE SYSTEM** FOR YOUR SITE\*

## Who are we?

**Connected Energy is a leading innovator in energy storage.**

Our technologies, that utilise second-life electric vehicle batteries, are rapidly changing the way intensive energy users can access the benefits of low-cost, on-site solutions.

Our E-STOR system is modular and scalable, as well as straight forward to install and operate for energy intensive clients to flexibly control and reduce their energy costs and develop new revenue streams.

## What are second-life battery energy storage systems?

**Electric Vehicles (EV's) are powered by lithium batteries. These batteries, which use natural resources like cobalt, nickel and graphite at manufacture, need replacing roughly every seven years as their mileage range between charges is reduced.**

Connected Energy works with car manufacturers including Groupe Renault, Nissan and Jaguar Land Rover to turn these used battery packs into stationary storage systems. These battery energy storage systems maximise the value of the already committed natural resources. Our technology remotely operates and monitors the second-life batteries to maximum performance. Once they are degraded beyond all usefulness in this application, they are recycled: after we have essentially doubled their working lives. When a battery is degraded, we simply take out that individual battery and replace it with a fresh second-life battery.

\* The potential of a funded/ part-funded battery energy storage system for your site to help manage your energy

Is your energy consumption lower than 150 kW per HH? If so and your site's consumption is a minimum of 20,000 kWh/year you could be considered for a funded solar PV and smart battery with optional EV charge points, for private use, from our partner Moixa Technology. Ideal building requirements include: Owner of the building; Sufficient roof space to accommodate solar PV panels- ideally without shading; Broadband internet connection; Sufficient dry indoor space for a smart battery installation; Open to switching to a time-of-use tariff; and Open to sign up to a long-term PPA style contract. Please contact Josef Balodis for more details 07766 144913 or [josef.balodis@moixa.com](mailto:josef.balodis@moixa.com)

