



Senior Executive's relevant developed technologies that have been applied widely used in the UK



Slepe Farm 250 KW

- The first utility-scale battery storage unit
- This battery storage unit is capable to store 498.4 kWp energy generated by ground-mounted solar panel facilities



Clayhill

- The 1st subsidy-free solar farm in the UK
- 4,452 tones of CO2 emission decreased annually
- 10MW renewable energy generated



Biffa

- Providing Biffa with a commercial solution enabling it to maximize revenue from its complex plant portfolio coupled with facilitating the management of technical requirements

Barn Energy & ELLPower

- Installation of battery storage unit with a capacity of 500kW
- Each lithium-ion battery unit has a capacity of delivering over 1200kWh of energy

Case Study

SmartKlub

- Involvement in installing Europe's largest community battery (2MWh) and photovoltaics that will enable energy to be generated and distributed at a neighborhood level to residents



Claredown Battery Storage Site

The asset is built by BYD and utilized by National Grid's Systems Operator ('SO') to supply 24MWh of energy within half an hour, enabling the SO to move the frequency on the UK transmission system significantly

Project Results

Battery System Connected: 24MWh Units.



Leighton Buzzard 'Smart Network Storage' Project

The 6MW/10MWh battery is famed for being the UK's first grid-scale battery storage facility and came to fruition under the Low Carbon Network Fund, helping to prove the technical and commercial viability of the battery storage technologies. Ian Cameron, head of innovation at UK Power Networks, described Leighton Buzzard as an "exceptional innovation project" that provided "world-class technical and commercial insights" for the developing market.

Project Results

Battery System Connected: 10MWh Unit.
The UK's first grid-scale battery storage facility.



Anesco's Breach Farm Battery Storage Site

In a ground-breaking move for the UK's renewables industry, a battery storage unit developed by Anesco has officially become the first battery storage asset to supply electricity to National Grid's Balancing Mechanism. According to Steve Shine, executive chairman at Anesco, the site's entry into the Balancing Mechanism signals a major step forward for the industry and will further fuel the growing appetite for investment.

Project Results

Battery System Connected: 10MWh Unit.
The site has officially become the first battery storage asset to supply electricity to National Grid's Balancing Mechanism.