We shape and deliver integrated energy solutions that deliver cost efficiency, resilience and accelerate your journey to a low-carbon future.
Optimization expertise around the world

• Global expertise in energy optimization, trading and management
• 5.0GW of flexible assets under management across the UK, Europe and North America
• Nearly 100 MWs of storage managed
• Up to 52% more revenue using our automated technology and in-house algorithms
• 99.6% delivery record of flexible power to system operator
• Supporting 150 of Europe’s largest energy users with optimization
• 70 active and pending optimization patents
Battery storage plant supplies flexible power

Customer objective
Centrica Business Solutions wanted to build a battery storage plant on the Roosecote site to provide more flexible power to Cumbria.

The solution
The Roosecote battery holds enough power to meet the needs of around 50,000 homes. It can respond to fluctuations in demand in under one second. With a maximum capacity output of 49 MW, the equivalent of 123,000 batteries, Roosecote is one of the largest battery storage facilities in Europe.
Centrica’s Virtual Power Plant

Value streams

- Ancillary market
- Capacity market
- Imbalance market
- Wholesale market

Unlocking potential revenue

Distributed energy resources

DERMS solution
New York City Housing Authority (NYCHA)

**Solution**

Harnessing our state-of-the-art energy management platform PowerRadar™, Centrica Business Solutions can remotely ensure the availability of the generators for Demand Response events. This has significantly reduced NYCHA’s overheads and derisked their ability to participate in Demand Response.

Over the coming years, NYCHA can expect to manage one of the largest Demand Response programs in the City, which will fund the O&M requirements of the generators. Most importantly, the solution secures the energy resilience of a subset of NYCHA’s properties, so they’re prepared for any power outages that may affect New York City in the future.