Flexibility for Local Authorities

This flyer gives you a simple overview of our Flexibility opportunities available and how to get involved. By participating in flexibility, Local Authorities can help reduce emissions, support renewable energy, and contribute to a more efficient local energy network, all of which play a key role in achieving Net Zero and accelerating local connections.

What is flexibility?

Flexibility helps smooth out the peaks in supply and demand on our network by:

Producing more electricity when needed Producing more power when there is high demand, like turning on extra generators or using stored energy from batteries.

Using more electricity when there's excess supply Increasing your energy use when there's extra generation available, like on sunny days when there's lots of solar energy

Producing less electricity during low demand Reducing your energy generation when there's less need for electricity

Using less electricity during busy times This means using less power when everyone is using a lot, like in the evening.

In exchange for 'turning up' or 'turning down', we pay you for supporting the network.

How can you get involved?

Local authorities have various assets that can be used to provide flexibility, such as:

- Electric Vehicle (EV): These can be charged during off-peak times and provide energy back to the grid when needed. This includes both domestic and public charging stations.
- Grid-scale and domestic batteries: These can store excess energy and release it during peak demand periods.
- Heat pumps and storage heaters: These can be used to provide flexibility, turning them down at specific times.
- Industrial or commercial buildings: Council estates, commercial buildings, schools, landfill sites, and industrial assets can be combined to provide flexibility by shifting your usage outside specific times.

To participate, we require a minimum of 10kW of capacity. However, this can be across multiple assets.



3 Steps to earn from flexibility:

Initial Interest Call:

During this call, we can chat through the requirements and determine if you can participate in our flexibility services. Flexibility is location-specific, depending on our network requirements.

This is a great opportunity to ask any questions and get a better understanding of the process.

Create an Account on Localflex: Localflex is a platform that helps manage participation in flexibility services, where you can register assets, see what

opportunities are available, and participate in auctions.

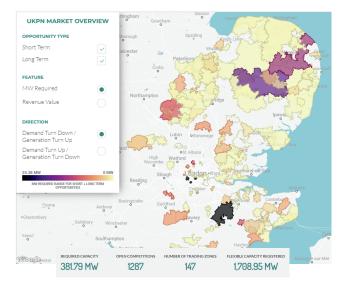


Upload Your Assets:

Begin by registering your assets on the Localflex platform. The team can walk you through what technical information is needed.

Where can I 'flexible'?

The map below shows the latest flexibility opportunities and flexibility activity in our licence area as of 16th January 2025.





Contact the Flexibility Team: flexibility@ukpowernetworks.co.uk



Arrange to talk to the team

