



# Flexibility Services: A Guide for Providers



## Who are we?

**Northern Powergrid manages the electricity network that powers everyday life for more than 8 million people across 3.9 million homes and businesses in the North East, Yorkshire and northern Lincolnshire.**

If your power ever gets interrupted, for whatever reason, be it for emergency maintenance or severe weather, we'll be there to fix it 24/7, 365 days a year.

Delivering safe, reliable electricity is at the heart of what we do but we are also innovating and investing today so we're ready for the demands of net zero and greener energy future. Flexibility services are a vital part of this.



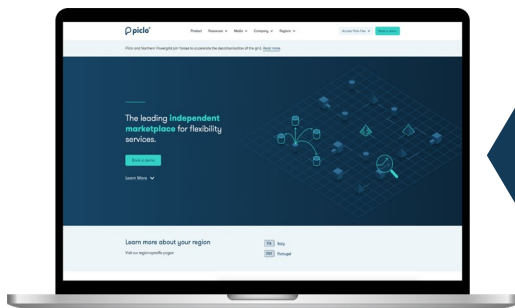
# Flexibility Services - What are they?

Flexibility services involves Distribution Network Operators (DNOs) like Northern Powergrid, paying customers to change their power generation or consumption patterns in a way that helps to manage peaks in generation and demand on the electricity network.

For the customer providing the flexibility services, this could involve shifting the time of energy usage (for example in a factory) supporting the local network with generation or offering up the ability to charge empty energy storage with excess power. Providers of this electricity flexibility are known as Flexibility Service Providers (FSPs).

You can find out more and meet the flexibility services team by watching our webinar:

 **Watch our Introduction to Flexibility Services webinar**



## What are the qualification criteria?

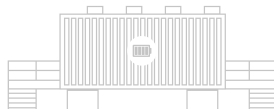
For a site to qualify as a flexibility provider it must:

- be located in the relevant position on our electricity distribution network, including connection voltage level and geographical location.
- have assets that are controllable and non-intermittent for reliable provision in response to dispatch signals.

Domestic customers and businesses can take part in flexibility services via an aggregator – commercial organisations that combine smaller assets to collectively operate in the flexibility market.

You can look at opportunities in your area and compete via our partner platform - Piclo Flex.

 **[www.picloflex.com](https://www.picloflex.com)**



# How we manage flexibility service provider contracts

We utilise the online FSP bidding platform, Piclo Flex, to efficiently manage the registration of FSPs and their assets. FSPs can submit competitive bids for providing flexibility when the network in their area is in need of support.

[www.picloflex.com](https://www.picloflex.com)

We utilise the Flexible Power dispatch and settlement system to facilitate the efficient delivery of the service and to arrange the payments.

[www.flexiblepower.co.uk](https://www.flexiblepower.co.uk)



## Our Procurement Process



Talk to us



Register on  
Piclo Flex



Add Assets



Company  
Qualification



Confirm  
Entry



Pre-Qualification  
Questionnaire



Bidding



# What type of companies do you contract with?

We're looking to procure flexibility from a range of businesses and organisations. Learn more about some of the companies we've already partnered with.



## Octopus Energy

We've signed a contract with Octopus Energy, expanding our portfolio of flexibility services providers.

This new contract means that we are now deploying both demand turn down as well as generation turn up to help manage our network.

By being flexible with the times they use electricity, participating households are actively facilitating the energy transition and providing flexibility services, alongside larger commercial and industrial organisations.



## GWE Biogas

The Yorkshire-based firm, which turns food waste into low carbon electricity, entered into a contract with us that will see the company turn up its electricity generation at agreed times requested by Northern Powergrid and earn revenue for providing this flexibility service.



# Interested?

Any organisation that thinks it may be able to provide flexibility services to Northern Powergrid should contact our Flexibility Services team.

Our team will meet with you to discuss your assets, the flexibility service opportunities and the technical requirements to become a flexibility service provider.

Domestic customers and businesses can take part in flexibility services via an aggregator – commercial organisations that combine smaller assets to collectively operate in the flexibility market.

## What's next?

1

Sign up to our mailing list to receive news and updates.

 [flexibility@northernpowergrid.com](mailto:flexibility@northernpowergrid.com)

2

Check whether you have assets in areas where we are looking to procure flexibility services. Check out our interactive maps on Piclo Flex.

 [www.picloflex.com](http://www.picloflex.com)

3

Get in touch with the team if you have any questions or would like to arrange a meeting.

 [flexibility@northernpowergrid.com](mailto:flexibility@northernpowergrid.com)

## Contact us

 [flexibility@northernpowergrid.com](mailto:flexibility@northernpowergrid.com)

 [www.northernpowergrid.com/flexibility-services](http://www.northernpowergrid.com/flexibility-services)