CARES Conference 2026

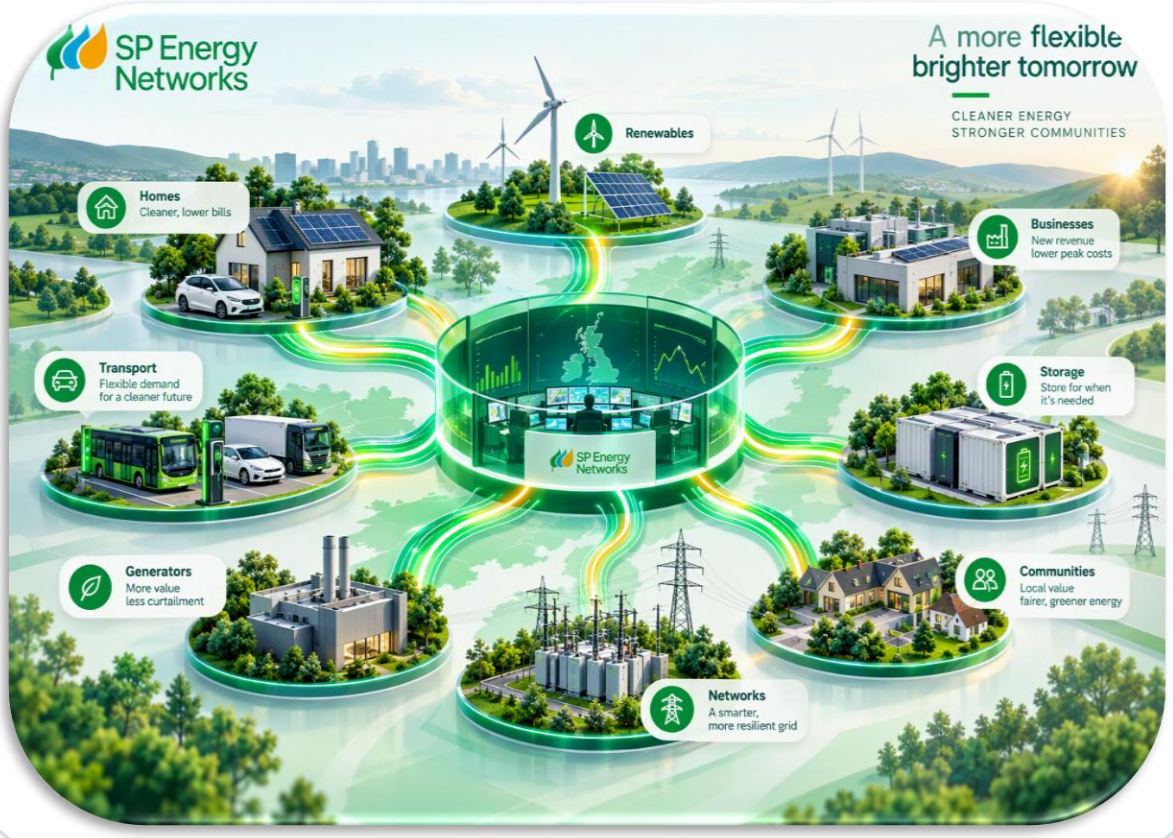
Flexibility Opportunities

Who can benefit • What Is it • How to participate

Pamela Mathieson Flexibility Procurement Manager

From Network Operator to System Orchestrator

As millions of EVs, heat pumps, batteries and distributed generators connect, a future DSO will need to coordinate the equivalent of around 100 million asset-level decisions or data exchanges each day.



DSO Role

01 Enabling Capacity for Connections

Combine network data, forecasts and customer asset visibility to understand constraints and opportunities.

02 Flexibility Market Development

Ensuring providers easy routes to market, attractive opportunities and minimal barriers to entry

03 Providing Easy Access to Data

To provide transparent view of network operations to help stakeholders with their decarbonization plans

04 Coordinate secure operation

Work with NESO, providers and control rooms so local actions support a safe, reliable whole energy system.



Flexibility is moving from a niche service to a core tool for managing the network more dynamically

Who can participate & benefit from Flexibility Services

Flexibility is an opportunity across the whole decentralised energy ecosystem

Households



EVs, batteries, heat pumps, smart hot water

Bill savings and rewards

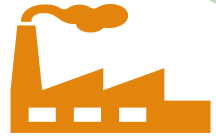
Businesses



Cold stores, retail, factories, data centres, backup generation

New revenue + lower peak costs

Generators



Wind, solar, CHP and embedded generation

Curtailment reduction + new routes to market

Communities & councils

Community assets, public estate, social housing

Local income + fuel-poverty benefits

Aggregators & suppliers

Portfolios of many smaller customer assets

Service revenues at scale

Networks & system operator

Local and national constraint management

Lower system cost + resilience

Flexibility is the ability to change the way you use electricity
for a financial incentive **at a time that suits your operating plan**

Could your energy project do more?

Community energy groups, renewable generators & innovators

Come and speak to us at our stand to discover how your generation, storage or flexible demand could:

- **Support the local electricity network**
- **Unlock new revenue opportunities**
- **Find a simpler route into flexibility markets**

Let's explore where your project could fit.

Scan to learn more

Or email:

flexibility@spenergynetworks.co.uk

SP Energy Networks | DSO