

Your Views on Our plans: Fire Mitigation

RIIO-ED2 Stakeholder Engagement



What SP Energy Networks Do?

SP Energy Networks own and operate the electricity distribution network in the Central Belt & South of Scotland (SP Distribution) serving 2 million customers, and in Merseyside and North Wales (SP Manweb) serving 1.5 million customers. Our networks include over 33,000 substations, which are a mixture of purpose-built structures, outdoor compounds, and embedded locations within customer or third-party buildings. Our substations house important electrical assets, which keep vital electricity supplies safe, secure and reliable.

We are seeking your views on our investment plans for mitigating the fire risk at our substations during our next regulated price control period (known as RIIO-ED2), running from 2023 to 2028.

Our Fire Mitigation Strategy

Our licence areas cover a wide variety of environments, ranging from city centres such as Glasgow and Liverpool, to national parks and coastal areas such as the Fleet Valley and Anglesey. Across our network we have various types of substations, depending on location, age and contents. We must take fire risk both to and from our assets into consideration to ensure our sites remain safe.

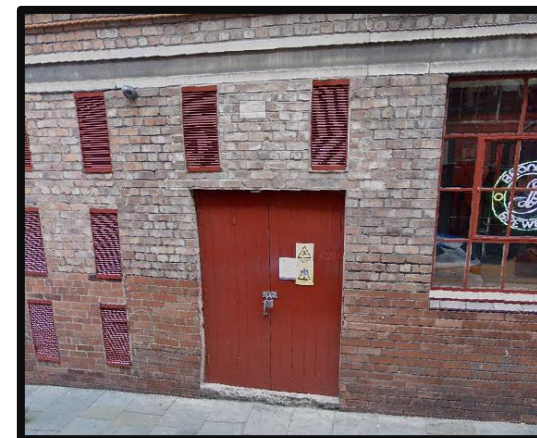
Our proposed strategy is to identify high fire risk substations and assets on our network, such as substations embedded into other properties, through dedicated fire risk inspections to provide all substations with a fire risk level. We will then prioritise fire risk mitigation activities.

We will be working to reduce the risk at all substations, starting with sites given the highest risk rating.

We are keen to consult with our stakeholders and appropriate interest groups to develop the fire mitigation strategies we adopt, and to gain support for our stated approach.

Example mitigation solutions:

- Improving access and egress points
- Increasing ventilation
- Prioritising asset maintenance and refurbishment in high risk locations
- Improved fire containment measures
- Interconnected fire detection system with third party building
- Relocating embedded substations
- No longer building embedded substations
- Adopting fire-safe and low flammable materials



Top: Embedded secondary substation

Bottom: Free-standing brick secondary substation

Gathering Your Views on our Plans

What are your views on how we identify and categorise substations with high fire risk?

Do you have any views on how we prioritise our fire risk mitigation activities?

Do you believe there are any additional mitigations we should consider?

Contact us with your views at RIIO_ED2@spenergynetworks.co.uk or online at www.spenergynetworks.co.uk