Ensuring our network is resilient to climate change

Secure and resilient supplies

Infrastructure fit for a low-cost transition to net zero

High quality of service from regulated firms

System efficiency and long-term value for money

Our commitments

- We will protect our assets from adverse impacts from climate change both reactively and proactively.
- We will carry out temporary flood risk mitigation at 12 sites where our asset capabilities have been tested and we have evidence of these effects on our operations. [PCD]
- We will deepen our understanding of the impact of climate hazards on our assets by carrying out 58 targeted surveys, an equivalent of 11 percent of our sites. [PCD]

How we will deliver

- Our approach towards adapting to the impacts of climate change and our plan for future resilience is captured within our CRS, which outlines a balanced approach with a mix of reactive and proactive actions within RIIO-GT3 and beyond.
- During RIIO-GT3, we aim to gather better data-driven insights into the potential impacts of climate change on our network resilience through surveys and studies, enabling us to implement targeted, efficient, and well-justified proactive responses.
- Our proposed investment plans have been developed and assessed against the eight climate hazards we put forward within our ARP4 submission to Defra.
- As a result of engagement (taking guidance from Electricity North West Limited's initiatives in response to flooding) we will be increasing our focus on an initiative to review and update our policies, procedures, engineering standards, etc.

Collaboration

- We will work closely with our stakeholders, especially with the Ofgem-supported ENA Climate Change Resilience Working Group (CCRWG), in undertaking scenario planning to identify the possible risks and impacts of climate change.

Stakeholder engagement

- We have consulted on our CRS with distribution networks, Ofgem, DESNZ, academia and asset management experts. Based on their feedback, we will aspire to benchmark our plans against international operators who may face climate hazards sooner. Stakeholders also supported our plans to examine links with other systems, like telecoms and site access during flooding.
- Stakeholders agreed with dividing investments into "act" and "respond" categories and emphasised the need for more data. Gas networks typically face fewer faults and have less fault data than electricity networks, with gaps in climate-related data. We plan to address these issues through studies in RIIO-GT3 and digital mapping projects.

Consumer value and additionality

- Proactively managing climate risks reduces the likelihood of unplanned outages caused by climate-related events, thereby contributing to a secure and resilient supply for consumers.
- In RIIO-T2, we focused on responding to climate risks. For RIIO-GT3, our aim is to go further by proactively expanding our understanding of potential hazards through comprehensive surveys, enabling us to identify and mitigate threats before they materialise and thereby reduce costs.
- By working with our stakeholders and collaborating with competent authorities, academia and other sectors, we can share and receive knowledge and best practice on climate change adaption, ultimately reducing costs for consumers.

Guide to our plan

- NGT_A06_Climate Resilience Strategy_RIIO_GT3
- NGT_A01_Asset Management Plan (AMP)_RIIO_GT3