Flexibility position at March 2024

Peak flexibility required (MW)

Flexible MW capacity met (%)

Flexibility procured (MW)

Risk duration (hours)

Acer Avenue primary reinforcement

2023/24

188.0

1.6

0.4

27%

2024/25

206.5

1.7

0.5

31%



Reinforce, supported by flexibility Flexibility Open Tendering Constraint THERMAL The loading at the site has already reached the group's existing firm We are tendering for flexibility services capacity. There is no capacity headroom on the primary transformer at this location. and limited thermal capacity on the 33kV and 11kV circuits. Currently the network risk is managed by interim flexible tenders. Demand and LCT More information is available on the growth in this group is expected to exceed network capacity during the **PICLO Flex website** RIIO-ED2 period. Decision Reinforce, supported by flexibility Wheelock Have Install a new 10MVA 33/11kV transformer at Acer Avenue primary substation, replace the 33kV &11kV switchgear, and reconfigure the 33kV **Technical Appraisal** circuit and underlying 11kV network. Contract flexibility services to support the network during the project delivery and manage the constraint in the interim. Justification for decision Sufficient flexibility to defer reinforcement until midway through the More detailed technical information period, but not beyond. Therefore, works are planned. Flexibility will on the nature of the constraint, network impacts, solutions Acer Avenue primary lies within the support management of the constraint in the interim. Crewe/Coppenhall/Whitchurch/Radway Green considered and selected intervention Flexibility product **Scheduled Utilisation** are available in this scheme's 33kV group and is supplied from a single 7.5MVA primary 75% transformer. The underlying 11kV network supplies to ca. **Engineering Justification Paper** Constraint season(s) Winter 6,400 customers, a mixture of domestic, commercial and Flexibility light industrial customers in the north-Crewe area, and is Flexibility guide price Availability fee up to £115/MW/hr procured normally operated open with the neighbouring 11kV Utilisation fee up to £140/MWh groups. Reinforcement timescale 2026/27

2025/26

235.0

1.8

1.9

>100%

2026/27

349.5

2.3

2.3

100%

2027/28

596.5

3.0

2.8

93%

To ensure that our plans and publications cover the needs of our stakeholders, customers, and the communities we serve, we welcome ongoing feedback.

Feedback can be emailed to: systemdesignteam@spenergynetworks.co.uk

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