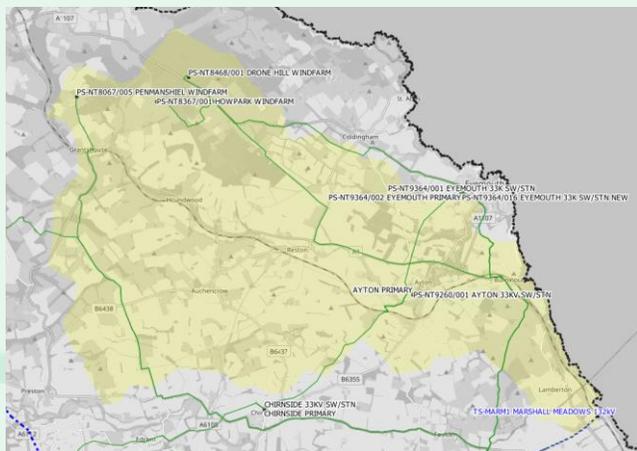


Ayton Primary Reinforcement

Manage with flexibility



The Ayton demand group supplies ca. 1,600 customers and is geographically located in the Edinburgh and Borders region of the SP Distribution (SPD) licence area. It is supplied by Berwick and Eccles Grid Supply Points (GSPs). The Primary substation is fed from the interconnected “Berwick Ring” 33kV network.

Constraint

THERMAL

With forecast uptake of Low Carbon Technologies (LCTs), the group demand at Ayton Primary is forecast to exceed its Firm capacity by the end of the RIIO-ED2 price control period, with risk of thermal overloading on the 33/11kV transformers, and non-compliance with EREC P2/8.

Decision

Manage with flexibility

Defer conventional reinforcement by managing the thermal constraint through the RIIO-ED2 period by using flexibility services.

Justification for decision

Demand levels have not increased as forecast in the area; therefore, it is currently proposed to manage with flexibility. Exceedance of Firm demand without flexibility is currently expected in 2027/28.

Flexibility product

SCHEDULED UTILISATION

Constraint season(s)

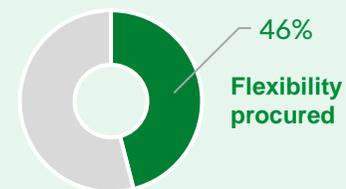
Winter

Guide price

Availability fee up to **£410/MW/hr**
Utilisation fee up to **£500/MWh**

Reinforcement timescale

Deferred until RIIO-ED3 using flexibility.



Flexibility position at March 2024	2023/24	2024/25	2025/26	2026/27	2027/28
Risk duration (hrs)	5.0	5.0	5.5	6.0	9.0
Flexibility required (MW)	0.6	0.7	0.8	0.9	1.1
Flexibility procured (MW)	0.9	1.8	0.6	0.0	0.0
Flexible MW capacity met (%)	100%	100%	84%	0%	0%

Flexibility Tendering

Open

We are tendering for flexibility services at this location.

More information is available on the [PICLO Flex website](#)

Technical Appraisal

More detailed technical information on the nature of the constraint, network impacts, solutions considered and selected intervention are available in this scheme’s [Engineering Justification Paper](#)

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