

Walpole to Spalding Tee

 DNOA Decision
Signposting

Constraint description

South Holland, Spalding, Bourne, and the Bourne West Grid Transformer 1 (GT1) are normally fed from Walpole via a 132 kV double circuit tower line. Following an outage on either of the circuits to the Spalding Tee, the other is anticipated to overload (Under an N-1 condition).

Reinforcement description

The reinforcement proposal is to restring the limiting section of 132 kV overhead line, or to transfer Stamford BSP into a new Grid Supply Point (GSP) located at Bainton.



Constraint Season
Winter/Summer



Flexibility Product
Secure



Outage Type
N-1

Justification for decision

No flexibility requirement under Best View until 2029.

Constraint management timeline

2024 H1 Signposting

Time to Reinforce: 3 years

Constraint Type: Thermal

Estimated flexibility volumes (MWh) per year under Best View:

2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
-	-	-	-	-	15 MWh	331 MWh	6,553 MWh	26,926 MWh	64,374 MWh	123,461 MWh



For more information visit: nationalgrid.co.uk/network-flexibility-map-application