

# Knighton



DNOA Decision

## Reinforce with Flexibility

### Constraint description

Knighton primary is a 66/11 kV single transformer site fed out of Hereford BSP. Its firm capacity is estimated at 5.5 MVA limited by 11 kV interconnection.

### Reinforcement description

Installation of a new 66 kV circuit and 66/11 kV transformer at Knighton.



Constraint Season  
Winter and Summer



Outage Type  
N-1

### Justification for decision

Reinforcement works are being progressed. Flexibility will be utilised as required to manage the constraint in the interim.

### Constraint management timeline

2024 H2 Procurement

**Time to Reinforce:** 3 years

**Constraint Type:** Demand

### Estimated flexibility price (£/MWh) and volumes (MWh) per year under Best View:

	2024	2025	2026	2027	2028	2029
Availability	£150 / MWh	£94 / MWh	£75 / MWh	£74 / MWh	£79 / MWh	£80 / MWh
	215 MWh	581 MWh	703 MWh	706 MWh	672 MWh	660 MWh
Utilisation	£9,000 / MWh	£5,624 / MWh	£4,473 / MWh	£4,451 / MWh	£4,727 / MWh	£4,810 / MWh
	5 MWh	29 MWh	37 MWh	37 MWh	35 MWh	34 MWh



For more information see the **Bishops Wood GSP Network NDP report**: <https://www.nationalgrid.co.uk/dso/network-development-plan>