


Sudbrook to Newhouse

 DNOA Decision
Signposting

Constraint description

An arranged or fault outage on the main 1 33 kV busbar at Sudbrook BSP puts the full demand of Newhouse and Chepstow primaries on a single circuit.

Reinforcement description

Sections of the 33 kV circuit from Sudbrook BSP to Newhouse and Chepstow primaries would need to be uprated to alleviate this constraint.



Constraint Season
Winter



Outage Type
N-1

Justification for decision

No flexibility requirement under Best View until 2034.

Constraint management timeline

2024 H2 Signposting

Time to Reinforce: 3 years

Constraint Type: Demand

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

2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
-	-	-	-	-	-	-	-	-	-	3 MWh



For more information see the **Sudbrook BSP NDP report**: <https://www.nationalgrid.co.uk/dso/network-development-plan>