

# Princess Royal Primary

 DNOA Decision  
**Signposting**

**Constraint description**

An outage of either of the two 33/11 kV transformers at Princess Royal primary substation is forecasted to cause an overload of the other transformer at Princess Royal Primary substation.

**Reinforcement description**

Replace the transformers at Princess Royal primary substation with 12/24 MVA units.



Constraint Season  
Winter and Summer



Outage Type  
N-1

**Justification for decision**

No flexibility requirement under Best View until 2029.

**Constraint management timeline**

2024 H2 Signposting

**Time to Reinforce:** 2 years

**Constraint Type:** Demand

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

2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
-	-	-	-	-	5 MWh	179 MWh	562 MWh	1230 MWh	2361 MWh	3731 MWh



For more information see the **Port Ham (Walham) GSP Network NDP report:** <https://www.nationalgrid.co.uk/dso/network-development-plan>