



Synchronous condenser

Helping to regulate & stabilise the energy supply grid



Located
Pembroke Net Zero Centre
to support decarbonisation



Operational
Q4 2025



Building capacity

Part of the National Energy System Operator (NESO) requirement for new stability services



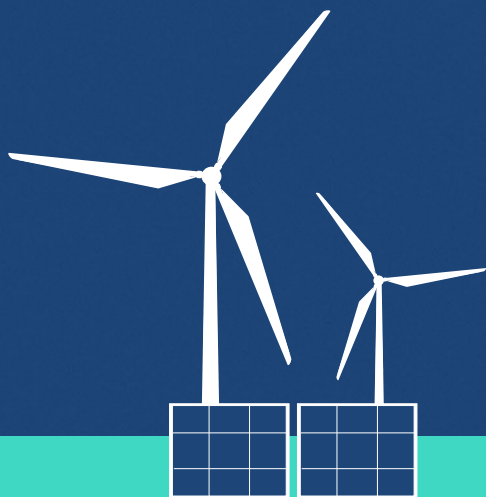
Voltage stability

Providing grid stability services to support renewable growth



Sustainable

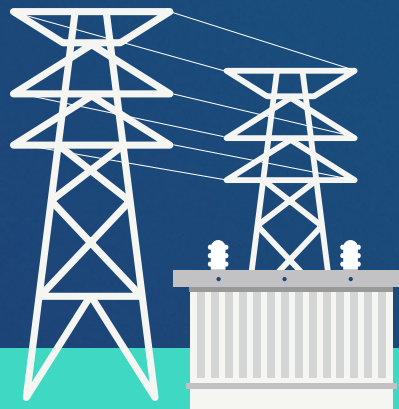
No emissions or water use needed



Energy source

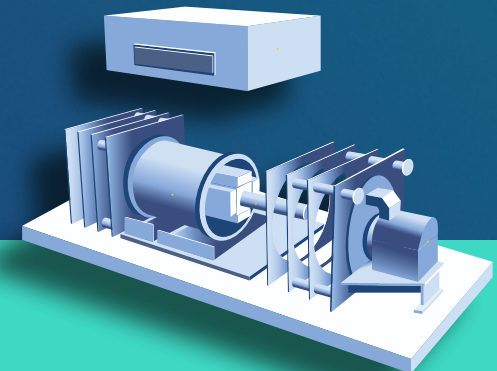


Stable electricity grid



Stability provider

Synchronous condenser



PNZC

RWE's Pembroke Net Zero Centre
Innovating for decarbonisation
in South Wales