

Project of common interest:

1.12.3

## Electricity interconnection

### Northern Seas offshore grid

#### COUNTRIES INVOLVED

United Kingdom (UK)

#### PROJECT PROMOTERS

Storelectric Ltd (UK)

#### BASIC TECHNICAL DATA

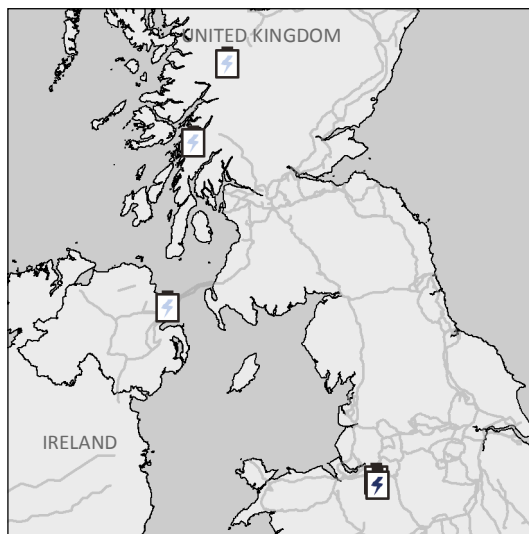
Capacity: Storage Capacity 2.5 GWh.


#### LOCATION

Middlewich (England, UK)

#### COMMISSIONING DATE

2026



 PCI 1.12.3 - Electricity storage

— Existing power grid

Projects belonging to cluster 1.12

 Electricity storage



Source: PLATTS, GISCO, European Commission

#### Definition

1.12.3 - Compressed air Renewable energy storage near Middlewich [currently known as "CAES"]

#### Cluster

PCI 1.12.3 - belonging to cluster 1.12: Cluster of electricity storage facilities in United Kingdom

#### Type of technology employed

Transmission grid-scale energy storage innovative adiabatic Compressed Air Energy Storage (CAES) . . Storage Capacity 2.5 GWh. The installations of 500MW, 2.5-21GWh with zero or low emissions, operate at 68-70% round trip efficiency. Potential when rolled out Europe-wide to store the entire continent's energy requirements for over a week.

#### Implementation status

under construction

#### LAST UPDATE

March 2018

Energy

Note: The project location as depicted on the map is indicative only. The final location will be determined once the permit granting procedure has been completed.