

Project of common interest:

1.12.4

Electricity interconnection

Northern Seas offshore grid

COUNTRIES INVOLVED

United Kingdom (UK)

PROJECT PROMOTERS

Scottish Power (UK)

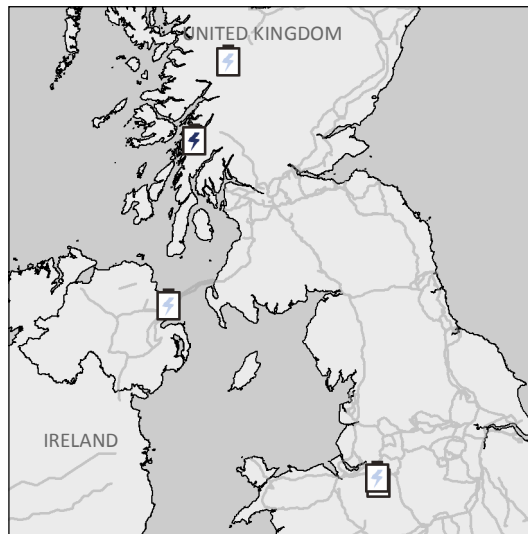
www.scottishpowergeneration.com/our-projects/cruachan-2


LOCATION

Argyll and Bute (Scotland, UK)

COMMISSIONING DATE


2026

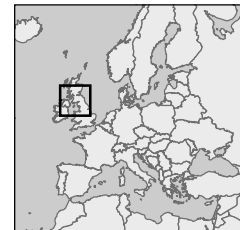


 PCI 1.12.4 - Electricity storage

— Existing power grid

Projects belonging to cluster 1.12

 Electricity storage



Source: PLATTS, GISCO, European Commission

Definition

1.12.4 - Hydro-pumped electricity storage at Cruachan II

Cluster

PCI 1.12.4 - belonging to cluster 1.12: Cluster of electricity storage facilities in United Kingdom

Type of technology employed

The Cruachan II development is a reversible pumped-storage hydroelectric power station. The project would sit adjacent to the existing Cruachan hydro-electric pumped storage generating station. Cruachan II would generate electricity, using water from an upper reservoir on Ben Cruachan to drive the turbines. The turbines to be used at Cruachan II, would operate both as pumps and generators, which would be housed in a new cavern located within Ben Cruachan.

Implementation status

under consideration