Hydroelectric Power Station Silvermines (IE)

North-South electricity interconnections in Western Europe

**Project of common interest:**

2.29

**PCI fiche**

**CATEGORY**

Electricity

**CLUSTER**

n/a: n/a

**COUNTRIES CONCERNED**

Ireland (IE)

**PROMOTERS**

Siga Hydro Limited (IE)

**PCI WEBSITE(S)**

https://silvermineshydro.ie/

**LOCATION**

Silvermines (IE)

**COMMISSIONING DATE**

12/2026

**Technical description**

Silvermines Hydroelectric Power Station will provide 1.8 GWh of storage with 360 MW export capacity and 360 MW of pumping load. The scheme is located close to the transmission system on a former open-cast mining site and consists of upper and lower reservoirs with capacities of approximately 2.6 Mm³ and a head height of 300 m. The project will have 3 x 120 MW synchronous motor/generators and associated turbines.

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