

Project of common interest:

2.28.2

COUNTRIES INVOLVED

Spain (ES)

PROJECT PROMOTERS

CDR TREMOR S.L. (ES)

BASIC TECHNICAL DATA

Capacity: 700 - 1000 Gwh/y

LOCATION

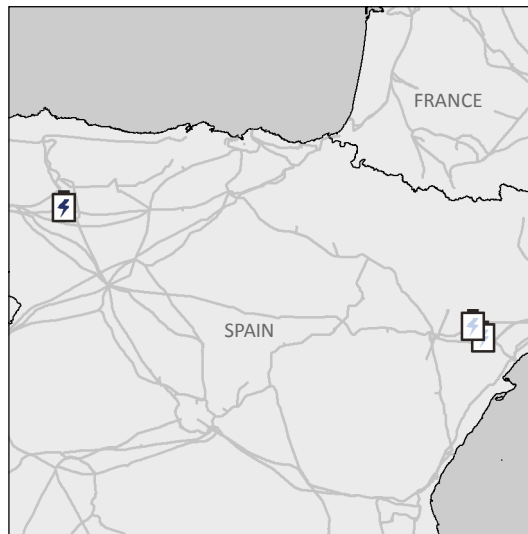
Navaleo – Leon (ES)


COMMISSIONING DATE

2023

Electricity interconnection


North-South electricity interconnections in Western Europe



 PCI 2.28.2 - Electricity storage

— Existing power grid

Projects belonging to cluster 2.28

 Electricity storage

Source: PLATTS, GISCO, European Commission

Definition

2.28.2 - Hydro-pumped electricity storage Navaleo (ES)

Cluster

PCI 2.28.2 - belonging to cluster 2.28: Cluster 2.28

Type of technology employed

P-PHES NAVALEO is pure pumped plant with an installed capacity of 552 Mw. (3 x 184 Mw.) and total rated flow of 90 m³/s in generating mode and capacity of 548 Mw and flow of 70 m³/s in pumping mode, with an annual generation capacity between 700 - 1000 Gwh. The project consists in two reservoirs with a volume of 2,23 Mio m³. Normal static head is 710 m. The cycle efficiency is up to 79%.

Implementation status

Permitting

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.