

Project of common interest:

2.16.1

## Electricity interconnection

### North-South electricity interconnections in Western Europe

#### COUNTRIES INVOLVED

Portugal (PT)

#### PROJECT PROMOTERS

REN - Rede Eléctrica Nacional S.A. (PT)

<http://www.ren.pt/>

#### BASIC TECHNICAL DATA

Length: 67 km

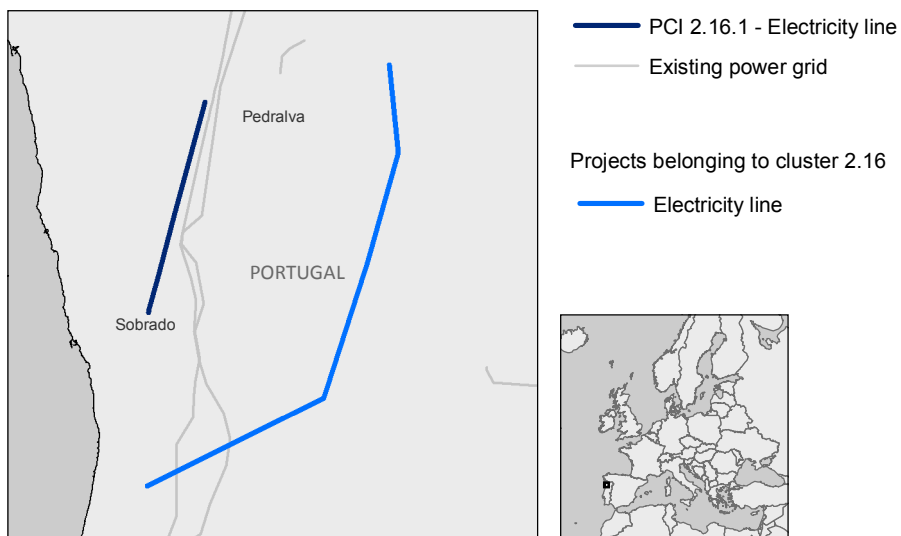
#### LOCATION

North Portugal near Spanish border ;

Pedralva (PT) – Sobrado (PT)

#### COMMISSIONING DATE

2022-2023



Source: PLATTS, GISCO, European Commission

#### Definition

2.16.1 - Internal line between Pedralva and Sobrado (PT), formerly designated Pedralva and Alfena (PT)

#### Cluster

PCI 2.16.1 - belonging to cluster 2.16: Cluster Portugal capacity increase at PT/ES border and connecting new RES generation

#### Type of technology employed

New 67 km double circuit OHL Pedralva – Sobrado (formerly designated Alfena) of 400 kV (initially with only one circuit installed), with a capacity of 1630/1860 MVA per circuit correspondent to summer/winter (onshore)

#### Implementation status

Planned but not yet in permitting

#### Financial assistance under the Connecting Europe Facility (CEF)

##### 2015

Study

Environmental and engineering studies for the development of the internal (PT) Pedralva - Alfena 400 kV double circuit OHL (only one circuit installed in a first step)

Maximum amount of EU financial assistance: EUR 250.000,00

For more information:

<https://ec.europa.eu/inea/en/connecting-europe-facility/cef-energy/projects-by-country/portugal/2.16.1-0030-pt-s-m-15>

##### 2016

Study

Environmental and engineering studies for the development of the internal (PT) Pedralva - Alfena 400 kV double circuit OHL (only one circuit installed in a first step)

Maximum amount of EU financial assistance: EUR 250.000,00

For more information:

<https://ec.europa.eu/inea/en/connecting-europe-facility/cef-energy/projects-by-country/portugal/2.16.1-0030-pt-s-m-15>

#### LAST UPDATE

March 2018