

Project of common interest:

2.17

## Electricity interconnection

### North-South electricity interconnections in Western Europe

#### COUNTRIES INVOLVED

Spain (ES)  
Portugal (PT)

#### PROJECT PROMOTERS

REN - Rede Eléctrica Nacional S.A. (PT)  
REE - Red Eléctrica de España S.A. (ES)  
<http://www.ren.pt/>  
<http://www.ree.es/>

#### BASIC TECHNICAL DATA

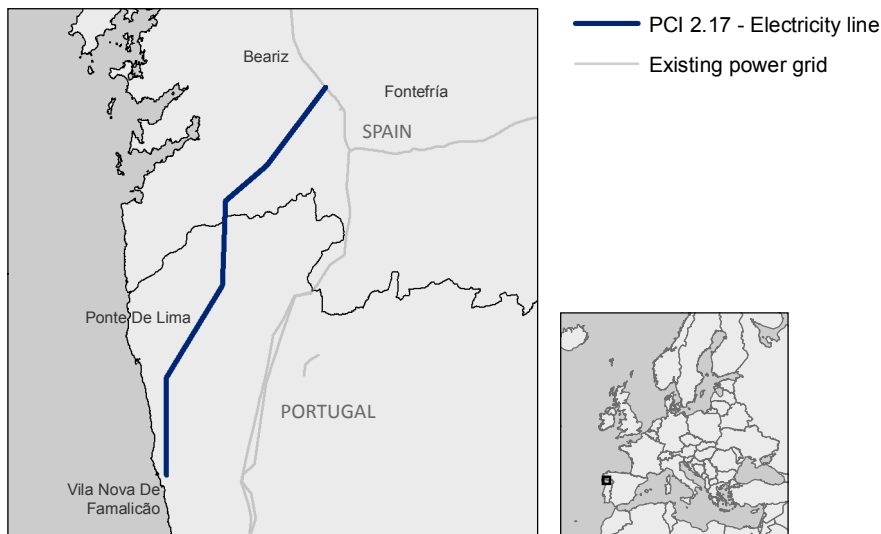
Length: 170

#### LOCATION

Portugal — Spain interconnection  
between Beariz — Fontefría (ES),  
Fontefría (ES) — Ponte de Lima (PT)

#### COMMISSIONING DATE

2021



Source: PLATTS, GISCO, European Commission

#### Definition

2.17 - Portugal — Spain interconnection between Beariz — Fontefría (ES), Fontefría (ES) — Ponte de Lima (PT) (formerly Vila Fria / Viana do Castelo) and Ponte de Lima — Vila Nova de Famalicão (PT) (formerly Vila do Conde) (PT), including substations in Beariz (ES), Fontefría (ES) and Ponte de Lima (PT)

#### Type of technology employed

New 400 kV AC double circuit (OHL) of 170 km (117 km in Portugal and 53 km in Spain) between Beariz (ES) - Fontefría (ES) - Ponte de Lima (PT) - Vila Nova de Famalicão (PT), with only one circuit being installed on the Fontefría - Vila Nova de Famalicão section (on shore). New 400 kV substations Fontefría, Beariz and Ponte de Lima. For the section between Vila Nova de Famalicão and Ponte de Lima it was expected to start construction in 2017, but it still awaits for permit clearance in order to start construction.

#### 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.