

Offshore wind

Cobra cable

MEMBER STATE(S) INVOLVED

Netherlands, Denmark

PROJECT PROMOTERS

Tennet TSO B.V.
Energinet.dk

BASIC TECHNICAL DATA

Sub-sea 700 MW HVDC connection over 275 km between Eemshaven (NL) and Endrup (DK). The cable will have a planned voltage of at least 320 kV

BUDGET

Total project cost: € 449 m

Total EEPR activities cost:

€ 173 m of which:

Promoter(s): € 86.5 m

EEPR support: € 86.5 m

(funding rate of 50%)

EEPR ACTIVITIES TIMETABLE

Start date: July 2009

End date: July 2016

ADDITIONAL INFORMATION

European Commission, DG ENER
http://ec.europa.eu/energy/eepr/index_en.htm

TenneT TSO B.V.

<http://www.tennet.eu/nl/grid-projects/international-projects/cobracable.html>

Energinet.dk

<http://www.energinet.dk/EN/ANLAEG-OG-PROJEKTER/Anlaegsprojekter-el/Kabel-til-Holland-COBRA/Sider/Kabel-til-Holland-COBRA.aspx>

Updated: October 2013



OBJECTIVES

The COBRA CABLE project consists of the installation of a sub-sea cable connecting the Dutch and Danish electricity markets, integrating wind energy into the supply systems in both countries and investigating the technical, economic and regulatory aspects of connecting offshore wind farms to the cable.

PROJECT IMPACT

The purpose of the COBRA CABLE power link is to allow the integration of more renewable energy onto the European power grid through the Dutch and Danish power systems, and to increase security of power supply. The power link will also intensify competition on the north-west European power markets. In addition, the project will contribute to the development and implementation of new AC/DC converters, DC circuit breakers and cable technologies for the connection of offshore wind farms to the cable.

ACTIVITIES IN BRIEF

EEPR supports the construction, laying and connection of the cable, and the research and development activities on new technologies necessary for the connection of wind farms to the cable.

STATE OF PLAY OCTOBER 2013

The partners now intend to take a Final Investment Decision in 2016 once they have obtained approval from the Danish and Dutch regulators for the necessary investment, as well as all the planning consents from the Danish, Dutch and German authorities.