

Electricity interconnection

Sweden - Lithuania (Nordbalt-01)

MEMBER STATE(S) INVOLVED

Sweden, Lithuania

PROJECT PROMOTERS

Svenska Kraftnät
<http://www.svk.se>

Litgrid
<http://www.litgrid.eu>

BASIC TECHNICAL DATA

Length: 400 km sub-sea cable
Voltage: 400 kV
Capacity: 700 MW

BUDGET

Total project cost: € 366 m of which:
Promoter(s): € 235 m
EEPR support: € 131 m
(funding rate of 36%)

EEPR ACTIVITIES¹ TIMETABLE

Start date: September 2009
End date: June 2016

ADDITIONAL INFORMATION

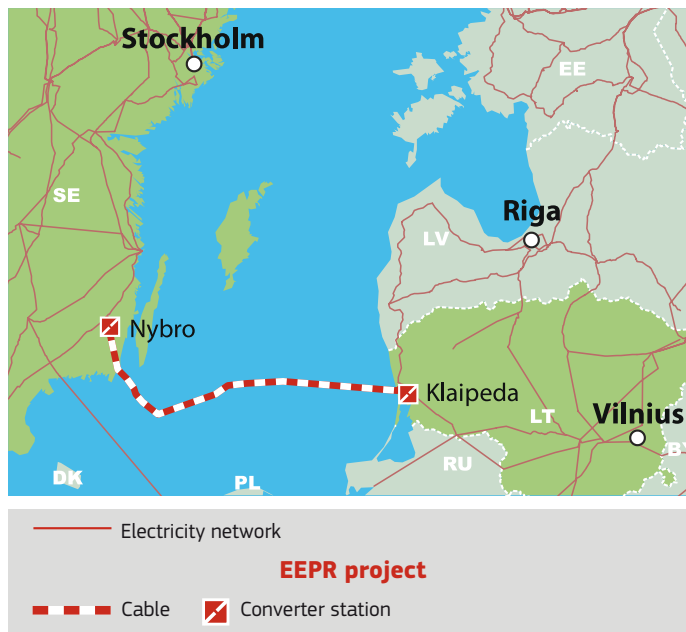
European Commission, DG ENER
http://ec.europa.eu/energy/eepr/index_en.htm

Sweden
Ministry of Enterprise,
Energy and Communications
www.sweden.gov.se

Lithuania
Ministry of Energy
www.enmin.lt

Updated: October 2013

1. Activities co-financed under the EEPR



OBJECTIVES

The project covers the construction of the Nordbalt High Voltage Direct Current (HVDC) connection between Sweden and Lithuania with a transmission capacity of 700 MW. The interconnection will comprise a sub-sea cable with a length of approximately 400 km, as well as converter stations in both Sweden and Lithuania.

PROJECT IMPACT

Nordbalt01 will transmit electricity between Sweden and Lithuania. This is one of the preconditions for the integration of future power market between the Baltic Member States and Nord Pool Spot. The new submarine cable connection will play an important role in the development of the electricity market in the Baltic Sea region. In addition, Nordbalt will also increase the reliability of the Baltic power system while decreasing its dependency on the Russian power supply.

ACTIVITIES (CO-FINANCED UNDER THE EEPR) IN BRIEF

The EEPR supports the construction, the installation and the commissioning of the sub-sea cable and the converter stations in Sweden and Lithuania.

STATE OF PLAY OCTOBER 2013

The construction works have started and are progressing according to plan.

The connection will be brought into commercial operation in early 2016.