

Connecting Europe Facility - ENERGY

Final project documentation for the substation Vítkov

3.11.1-0007-CZ-S-M-15

Part of Project of Common Interest no 3.11.1

EXECUTIVE SUMMARY

Brief description of the Action

The Action is a part of the 3.11.1 PCI Internal line between Vernerov and Vítkov (CZ), which is a 400 kV AC double circuit overhead line of approximately 75 km with a capacity of 2x1730 MVA. A new 400 kV substation will be constructed in Vítkov using a Gas-Insulated Substation technology (GIS technology, which has a limited footprint meeting local land availability constraints).

The Action objective was to complete the preparatory work for the construction of the substation Vítkov and consisted of the preparation and approval of the final project documentation including the tendering documentation for the substation, and of the tendering procedure of the GIS technology.

Duration of the Action

The Action lasted from 15/04/2015 until 03/07/2017. The duration of the activities under this Action was as follows:

- Activity no. 1 "Tendering procedure for the GIS technology-based substation" started on 15/04/2015 and was fully completed on 11/05/2016.
- Activity no. 2 "Preparation of the complete final project documentation for the substation Vítkov" started on 30/11/2015 and was fully completed on 03/07/2017.

Outcomes of the Action

The Action contributed towards the construction of the Vitkov Substation which is part of the 3.11.1 PCI. In particular, the main outcomes of the Action are:

- 1) The full preparation of the tender documentation for the selection of the contractor-designer of the Gas-Insulated technology, and subsequent recruitment of the contractor.
- 2) The full preparation of the final project documentation for the construction of the substation, and of the tender dossier for the recruitment of a works contractor.

Upon completion of the Action the call for tenders for the construction of the Vitkov Substation was launched. Once constructed, the PCI 3.11.1 will contribute to increase the transmission capacity and security of supply in Central and Eastern Europe, while facilitating the integration of the renewable energies into the grid.

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