

Minutes of the meeting

„Development of integrated offshore transmission infrastructure for offshore wind energy in the South Baltic Sea”

1. On 12th of January 2018, at the Marriott hotel in Warsaw, a workshop titled "Development of integrated offshore transmission infrastructure for offshore wind energy in the South Baltic Sea" was held. It was attended by representatives of the government administration, maritime administration, transmission network operator and industry experts. The workshop was organized by the Foundation for Sustainable Energy (FNEZ) as a part of the Baltic InteGrid project co-financed through the INTERREG Programme for the Baltic Sea Region. The list of participants is attached as an Annex 2 to this note.
2. The aim of the workshop was to consult and discuss the first results of the preliminary Feasibility Study for the Poland-Sweden-Lithuania interconnectors integrated with offshore wind farms. Results of the analysis performed by FNEZ under the programme “Baltic Energy for Poland 2025” regarding the potential of offshore wind energy in Poland have also been discussed.

During the meeting experts from FNEZ, Energy Forum and Institute of Energy from Gdańsk presented potential for development of the offshore wind energy sector in Poland, market-driven and technical conditions for development of the Baltic Offshore Grid integrated with offshore wind farms (OWF).

3. Summary and conclusions:
 - Based on the results of Baltic Energy for Poland 2025, the potential of OWE by the end of 2030 is approx. 4 GW and approx.8 GW by the end of 2035. Such level of offshore wind farms development will require dedicated offshore transmission infrastructure, connection points as well as proper coordination in the scope of connecting to them next offshore wind farm.
 - Based on the example of the potential Polish-Swedish interconnector with the possibility to connect Lithuania, experts from FNEZ, Energy Forum and Energy Institute in Gdańsk confirmed that technical solutions, appropriate potential of offshore wind energy and market conditions are available to develop the Baltic Offshore Grid integrated with OWFs

- The first results of the preliminary Feasibility Study show that Baltic Offshore Grid integrated with OWFs may be beneficial not only in the financial terms (lower costs) but also may reduce impact on the environment, socioeconomic and other users due to 3 times less cables used to transmit energy to the national power system. It is also necessary to indicate the importance of new interconnectors for increasing the energy security.
- Participants agreed that the key element required to make final decisions regarding the infrastructure corridors in the Polish Maritime Spatial Plan, as well as the grid development plan in Poland is to define the level of ambition for the development of OWE in the Polish Energy Policy this year.

The results of discussion during the meeting will be implemented in the Pre-Feasibility Study and in the Baltic Energy for Poland 2025 program.