

Supervisor's review

Student: LUIS PÉREZ MAROTO

Topic: Analysis of installation of small wind turbine on premises

Diploma work (DW) is aimed at the analysis of installation of small wind turbines on premises with focus on new technology – Vortex wind turbines. Author of DW gave overview of Vortex bladeless wind technology, he did market analysis of low power wind technologies and in detailed way he compared Vortex technology and other technologies used for small wind turbines. Second part of DW is aimed at analysis of conditions for wind power plant projects in Spain and in the Czech Republic. In this part he also included technical-economic analysis of Vortex technology installation in the conditions of two selected regions in Spain (Madrid) and the Czech Republic (Prague).

Author of DW actively worked on the topic systematically during the last two semesters. He was able to find many of the information without direct supervisors help. He worked not only with the information available in research studies, scientific journal and statistics, but he also collected valuable information directly from the manufacturer – Vortex company. He presented very good understanding of the topic.

He periodically discussed the progress in DW preparation with the supervisors and actively raised many topics for the discussion.

Author of DW, according to my meaning, completely fulfilled all the parts of DW topic.

Results of DW can serve as the basis for orientation in the topic and brings valuable information for the assessment of possibilities of small wind turbines installation, esp. where there is no connection to the grid.

Suggested classification:

- B (very good) -

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