



Master thesis opponent's review

Master thesis: Utilization of the renewable energy sources in microgrids

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Thesis supervisor: Ing. František Vybíralík, CSc.

Thesis opponent: Doc. Dr. Ing. Jan Kyncl

Rating (1 – 5)
(1 = best; 5 = worst):

| | |
|--|--------------------------------|
| 1. Fulfillment of assignment requirements: | <input type="text" value="1"/> |
| 2. Systematic solutions of individual tasks: | <input type="text" value="1"/> |
| 3. Ability to apply knowledge and to use literature: | <input type="text" value="2"/> |
| 4. Thesis formal and language level: | <input type="text" value="1"/> |
| 5. Thesis readability and structuring: | <input type="text" value="1"/> |
| 6. Thesis professional level: | <input type="text" value="2"/> |
| 7. Conclusions and their formulation: | <input type="text" value="1"/> |
| 8. Final mark evaluation (A, B, C, D, E, F): | <input type="text" value="B"/> |
| verbal: | Very good |

Brief summary evaluation of the thesis (compulsory):

The author made a theoretical analysis of the issue of the involvement of renewable sources in micro-grids.

The graphic and language level of the diploma thesis is good (except for some of the downloaded images).

I consider the technical part of the masters to be correct.

Questions:

1. Explain the formula for the power of wind turbines (page 28).
2. How many decimal places in the results can be trusted (for example $I=20.948A$)?

Date: 28. 8. 2017

Signature: