



Bachelor thesis opponent's review

Master thesis: Study of Distribution Network Voltage Profile for the DER operation

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Thesis opponent: Doc. Ing. Zdeněk Müller, Ph.D.

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="1-"/>
4. Thesis formal and language level:	<input type="text" value="2"/>
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="2"/>
8. Final mark evaluation (A, B, C, D, E, F):	<input type="text" value="C"/>
verbal:	good

Brief summary evaluation of the thesis (compulsory):

The bachelor thesis concentrates on renewable energy sources with special attention to hydro power plants. Introductory part deals with overview of renewable energy sources technologies. The major part of the thesis consists of literature search and contain encyclopedic data.

The most important part is case study. The case study contain student original work. The study contain calculation of connection possibilities and reverse impacts on distribution network. Presented calculation results are credible.

The thesis is well formatted and readable. From the formal point of view there should be numbered list of references.

Questions:

1. Compare reverse impacts on distribution systems of hydro power plants and of photovoltaic power plants (power quality, short circuit power etc.).



Date: 14.6.2018

Signature:



Notes:

- 1) The total thesis evaluation needn't be determined by the partial evaluations average.
- 2) The total evaluation (item 8) should be from the following scale:

excellent	very good	good	satisfactory	sufficient	insufficient
A	B	C	D	E	F