



## Master thesis supervisor's review

**Master thesis:** Possible Issues in Distributed Generation Network Protection

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**Thesis supervisor:** Ing. Jakub Ehrenberger

Rating (1 – 5)  
(1 = best; 5 = worst):

1. Fulfillment of assignment requirements:	<input type="text" value="1"/>
2. Self-reliance and initiative during the thesis solution:	<input type="text" value="2"/>
3. Systematic solutions of individual tasks:	<input type="text" value="1"/>
4. Ability to apply knowledge and to use literature:	<input type="text" value="2"/>
5. Collaboration and consultations with the thesis supervisor:	<input type="text" value="1"/>
6. Thesis formal and language level:	<input type="text" value="1"/>
7. Thesis readability and structuring:	<input type="text" value="2"/>
8. Thesis professional level:	<input type="text" value="3"/>
9. Conclusions and their formulation:	<input type="text" value="2"/>
<b>10. Final mark evaluation (A, B, C, D, E, F):</b>	<input type="text" value="A"/>
<b>verbal:</b>	excellent

### **Brief summary evaluation of the thesis (compulsory):**

All specified points of Mr. Dang work have been met. During the preparation, he's been attending regular consultations, worked carefully and independently. As a part of the work, program in Wolfram Mathematica, allows for load-flow analysis and subsequent short-circuit calculations in every node of network was created. The program was used for calculation of short-circuit and pre-fault conditions of example network and obtained results were used for correct network protection setting for several penetration levels.

The only two things I can criticize are insufficient explanation of the resulted formulas for short-circuit calculation and maybe some easiest and more variable way of protection setting could be used. Otherwise work is well handled and all important results were mentioned and discussed.

Date:

Signature: