



Bachelor thesis supervisor's review

Master thesis: Distribution system reliability improvement using Smart Grid technologies

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Thesis supervisor: Ing. Martin Čerňan

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="1"/>
8. Thesis professional level:	<input type="text" value="2"/>
9. Conclusions and their formulation:	<input type="text" value="2"/>
10. 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 bachelor thesis is focused on improving the reliability of the distribution system using automation elements. The work is divided into a research part and a practical part. The research part is focused on a brief description of the theory of reliability, reliability indicators in distribution systems, on the comparison of reliability indicators in different countries and distribution companies and on the possibilities of improving reliability in the medium voltage distribution system. The practical part of the work is focused on a case study that analyzes the potential benefits of automation medium voltage distribution system. The student worked independently, proactively, regularly consulted on the progress of other work. At work, I appreciate the elaboration of an extensive comparison of reliability indicators for different countries and distribution companies. The formal and language level of the work is at a good level. I recommend the thesis for defense with a rating of B (Very good).

Date: 21.1.2021

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