



## Master thesis supervisor's review

**Master thesis:** Utilization of Renewable Energy Sources in Microgrids

**Author:** Samirkumar Jitendrakumar Patel

**Thesis supervisor:** Ing. František Vybíralík, CSc.

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="2"/>
4. Ability to apply knowledge and to use literature:	<input type="text" value="3"/>
5. Collaboration and consultations with the thesis supervisor:	<input type="text" value="2"/>
6. Thesis formal and language level:	<input type="text" value="2"/>
7. Thesis readability and structuring:	<input type="text" value="3"/>
8. Thesis professional level:	<input type="text" value="2"/>
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="C"/>

**verbal:**  
**Good**

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

In the theoretical part of Master's thesis description of different types of renewable energy sources is presented. Further chapters are focused to solar power and wind energy generation. Separate chapter is devoted to microgrids. The student carried out a calculation of the impact of the new solar power plants connected to MV distribution network. Afterwards the student dealt with the impact of small solar plants in LV distribution network

The work has a logical sequence of chapters and its graphical layout is very good.

Student worked on his task independently and very initiatively throughout the period. He came to the consultations prepared and your questions were oriented to the subject of your thesis.

**Recommendation to the defense:** I recommend

Date: 18. 8. 2017

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