## **CZECH TECHNICAL UNIVERSITY IN PRAGUE**



**Bachelor thesis:** 

**Author:** 

Faculty of electrical engineering

Abdullah Essa

Department of electrical power engineering

Technická 2, 166 27 Prague 6, Czech Republic

## Bachelor thesis supervisor's review

Integration of renewable energy sources in the distribution network

Thesis supervisor: Ing. František Vybíralík, CSc.					
	Rating $(1-5)$ (1 = best; 5 = worst):				
1. Fulfillment of assignment requirements:	1				
2. Self-reliance and initiative during the thesis solution:	1				
3. Systematic solutions of individual tasks:	2				
4. Ability to apply knowledge and to use literature:	2				
5. Collaboration and consultations with the thesis supervisor:	1				
6. Thesis formal and language level:	2				
7. Thesis readability and structuring:	2				
8. Thesis professional level:	2				
9. Conclusions and their formulation:	2				
10. Final mark evaluation (A, B, C, D, E, F):	В				
verbal:	Very good				
Brief summary evaluation of the thesis (compulsory):					
In Bachelor's thesis the student presents an overview of the types of renewable energy sources. The					
theoretical part of the work is focused to the principle of wind power plants. The student carried out a calculation of the impact of the new wind power plant to the MV distribution network with two					

power factor values. The work has a logical sequence of chapters and its graphical layout is good. Student worked on his task independently and initiatively throughout the period. He came to the

**Recommendation to the defense:** I recommend

Date: 31. 5. 2018 Signature:

consultations prepared and your questions were oriented to the subject of your thesis.



- 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	В	С	D	Е	F