CZECH TECHNICAL UNIVERSITY IN PRAGUE
Faculty of electrical engineering
Department of electrical power engineering
Technická 2, 166 27 Prague 6, Czech Republic

Bachelor thesis supervisor's review

Master thesis: **Low Carbon Technology in the Distribution Network**

Author: **Mykhaylo Pluhin**

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:	3
7. Thesis readability and structuring:	2
8. Thesis professional level:	2
9. Conclusions and their formulation:	3
10. Final mark evaluation (A, B, C, D, E, F):	C
verbal:	Good

Brief summary evaluation of the thesis (compulsory):

The student in the thesis focuses on the integration of small PV system into the low voltage distribution system.In the introductory theoretical part of the thesis, the student focuses on the overview of renewable energy sources and technologies for producing electricity. In the next part of the work the author focuses on small PV installations and solar system for preparing hot water. This part is followed by a chapter focused on selected aspects of PV system integration into low voltage distribution network (connection rules and metering issues). The practical part consists of a case study for the integration of a small PV system into a distribution system. The case study is more focused on technical parameters that point to the possibility of integration of PV into the distribution system. The author could pay more attention to the economic aspect of the issue. The conclusions of the work could be more extensive. 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.

Date: Signature: