Bachelor thesis supervisor’s review

Master thesis: Low Carbon Technology in the Distribution Network
Author: Mykhaylo Pluhin
Thesis supervisor: Ing. František Vy bíralík, 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 initiativelly throughout
the period.

Date: Signature: