THESIS SUPERVISOR'S REPORT

I. IDENTIFICATION DATA

Thesis title:	**Residential Building Power Supply with Renewable Energy Source**
Author's name:	**Makarov Anton**
Type of thesis :	master
Faculty/Institute:	Faculty of Electrical Engineering (FEE)
Department:	Department of Economics, Management and Humanities
Thesis reviewer:	Ing. Bc. Blanka Kučerková
Reviewer's department:	Department of Economics, Management and Humanities

II. EVALUATION OF INDIVIDUAL CRITERIA

Assignment	**ordinarily challenging**
How demanding was the assigned project?	
Difficulty of the Master Thesis was average.	

Fulfilment of assignment	**fulfilled**
How well does the thesis fulfil the assigned task? Have the primary goals been achieved? Which assigned tasks have been incompletely covered, and which parts of the thesis are overextended? Justify your answer.	
Master Thesis meets all the requirements of the assignment.	

Activity and independence when creating final thesis	**C - good.**
Assess whether the student had a positive approach, whether the time limits were met, whether the conception was regularly consulted and whether the student was well prepared for the consultations. Assess the student's ability to work independently.	
Mr. Makarov consulted his thesis at the beginning of the semester and then he sent me the final version before the deadline. In my opinion, he tended to work too independently.	

Technical level	**C - good.**
Is the thesis technically sound? How well did the student employ expertise in his/her field of study? Does the student explain clearly what he/she has done?	
The student used knowledge from the literature and was independently able to apply it to the solution. The aim of the thesis was to find an effective solution for the use of renewable resources to supply the selected object with electricity. In comparison with the previous version of the thesis, the student describes the energy demand more precisely, unlike the part where he describes the consumption. As in the previous version, there is a significant difference between student's and my opinion on the consumption of some appliances. The last part with economic analysis and final decision making I grade very good.	

Formal level and language level, scope of thesis	**B - very good.**
Are formalisms and notations used properly? Is the thesis organized in a logical way? Is the thesis sufficiently extensive? Is the thesis well-presented? Is the language clear and understandable? Is the English satisfactory?	
Formal level is good and language level is very good. The thesis contains minor shortcomings, but they haven't had any impact on the quality of the thesis.	

Selection of sources, citation correctness	**B - very good.**
Does the thesis make adequate reference to earlier work on the topic? Was the selection of sources adequate? Is the student's original work clearly distinguished from earlier work in the field? Do the bibliographic citations meet the standards?	
Most sources of literature derive from the Internet and they are relevant. I did not find any wrongdoing against citation conventions.	

Additional commentary and evaluation (optional)
Comment on the overall quality of the thesis, its novelty and its impact on the field, its strengths and weaknesses, the utility of the solution that is presented, the theoretical/formal level, the student's skillfulness, etc.

III. OVERALL EVALUATION, QUESTIONS FOR THE PRESENTATION AND DEFENSE OF THE THESIS, SUGGESTED GRADE

Summarize your opinion on the thesis and explain your final grading.
The student demonstrated adequate knowledge in the field and included all relevant aspects in decision-making. I recommend the master thesis for defense.

The grade that I award for the Thesis is **C - good.**

Date: **27.1.2021** Signature: