

Supervisor's report

On our first meeting after discussing the proposed topic of Dmitry Muravyev, we prepared an outline consisting of five tasks. More focus was given to the last three tasks which form the main body of dissertation. All the tasks are completed.

The major aim of the dissertation is devoted to resolving the issues of low electricity quality and integration of RES with the existing diesel power supply system in the Tokma village in Russia.

Dmitry was initiative. He even participated in the poster presentation organized by our university where he was the prizewinner. This should be an important experience for his future carrier and not only an additional line in his CV of achievements.

I provided Dmitry with necessary ebooks which I had. The other necessary books from the field literature he borrowed from the CERGE-EI library using my name. He also was using sources in the Russian language

Despite my continuous advice and help for writing the dissertation (in addition to Mr. Jandera's classes of Individual Project), there are still some language mistakes and unclear sentences left in his dissertation. Before submitting the final draft we carefully reviewed together the abstract, introduction, and conclusion. Unfortunately, I was not able to review his whole dissertation for correcting the English language mistakes.

Due to lack of knowledge and skills in programming, some of the tasks planned to be done in MatLab were eventually done in Excel.

Formulas 21 and 22 are not well described. Formula 21 is the geometric average for calculating average rates of change and Formula 22 allows to approximate the average annual rates of change. The words increase and escalation may not be correct to use because these words imply that there has always been an upward trend, which is not the case as provided in Figures. Also Figure 51 on page 72 needs explanation.

For the dissertation I propose the classification B (very good).

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