

Report on Bachelor / Master Thesis

Institute of Economic Studies, Faculty of Social Sciences, Charles University in Prague

Student:	Sabyrzhan Tyuleubekov
Advisor:	Karel Janda
Title of the thesis:	Growth opportunities and financing of renewable energy in Germany and Czech Republic

OVERALL ASSESSMENT *(provided in English, Czech, or Slovak):*

This is a report provided by the Bachelor Thesis Advisor.

The thesis is composed from two main parts – firstly the descriptive part, secondly the analytical part,

Both part are dealing with renewable energy. The first descriptive part starts with a description of Czech and German renewable energy support policies. These descriptions are based mainly on existing reports and documents and they do not bring any new research contribution. However they serve as a good comprehensive introduction to the topic. After the description of support policies, the author discusses various problems and issues connected with renewable energy resources. In particular he runs simple linear regressions illustrating correlations between renewables shares in total energy consumption and greenhouse gas abatement. These regression are done on German data only. The interpretation of these regressions is rather mechanic and no significant economic insight is obtained from them.

The analytical part is focused mainly on the modelling of volume of renewable energy in the economy as a function of government support in the form of feed-in-tariffs. Majority of the results are reported for German data, with some results obtained on Czech data too. Since the author models the regression as a polynomial regression, it is possible to identify maximum of this polynomial. Therefore author interprets these maxima as optimum from the point of view of generating as much renewable energy as possible. This approach is rather mechanical and it ignores many other factors influencing the volume of produced renewable energy. However I have to note that originally author prepared totally different analytical section of this theses. Only after my strong disapproval of his original theses, the author during approximately 2 weeks prepared this new analytical part.

The level of the work with literature is very weak in this thesis. There is no sufficient literature review of academic literature done for any part of the thesis. This is a strong deficiency both with respect to analytical part and the descriptive part. The missing academic literature connections may explain why the analytical part is based on simple mechanical idea of modelling regression relationship using polynomials and searching for their maxima and why descriptive part does not progress beyond the level provided in policy documents and other official documentation.

While the thesis does not bring any significant new economic knowledge, I consider it nevertheless acceptable as a bachelor thesis, however I would not consider such a work be an acceptable master's thesis.

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During the defense, the author should focus on explaining what is the research value added provided by the analytical part of his thesis.

As a conclusion, I recommend this thesis for the defense and I recommend the grade Satisfactory (grade 3) conditional on the results of final defense and opinion of the defense committee.

SUMMARY OF POINTS AWARDED (for details, see below):

CATEGORY	POINTS
<i>Literature</i> (max. 20 points)	5
<i>Methods</i> (max. 30 points)	10
<i>Contribution</i> (max. 30 points)	13
<i>Manuscript Form</i> (max. 20 points)	13
TOTAL POINTS (max. 100 points)	41
GRADE (1 – 2 – 3 – 4)	3

NAME OF THE REFEREE: *Karel Janda*

DATE OF EVALUATION: *May 20, 2016*

Karel Janda

Referee Signature

EXPLANATION OF CATEGORIES AND SCALE:

LITERATURE REVIEW: *The thesis demonstrates author's full understanding and command of recent literature. The author quotes relevant literature in a proper way.*

Strong Average Weak
20 10 0

METHODS: *The tools used are relevant to the research question being investigated, and adequate to the author's level of studies. The thesis topic is comprehensively analyzed.*

Strong Average Weak
30 15 0

CONTRIBUTION: *The author presents original ideas on the topic demonstrating critical thinking and ability to draw conclusions based on the knowledge of relevant theory and empirics. There is a distinct value added of the thesis.*

Strong Average Weak
30 15 0

MANUSCRIPT FORM: *The thesis is well structured. The student uses appropriate language and style, including academic format for graphs and tables. The text effectively refers to graphs and tables and disposes with a complete bibliography.*

Strong Average Weak
20 10 0

Overall grading:

TOTAL POINTS	GRADE		
81 – 100	1	= excellent	= výborně
61 – 80	2	= good	= velmi dobře
41 – 60	3	= satisfactory	= dobře
0 – 40	4	= fail	= nedoporučuji k obhajobě