

Report on Bachelor Thesis

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

Student:	Sabyrzhan Tyuleubekov
Advisor:	Prof. Ing. Karel Janda, M.A., Dr., Ph.D.
Title of the thesis:	Growth opportunities and financing of renewable energy in Germany and Czech Republic

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

In his bachelor thesis, Sabyrzhan studies the link between feed-in-tariffs (i.e. guaranteed prices for which producers of energy from renewable sources can sell energy) and the installed capacity of energy plants. The bachelor thesis consists of a descriptive part (renewable energy action plans and policies in Germany and the Czech Republic, problems of renewables) and an empirical part which presents the results of a regression analysis for various types of energy from renewable sources. There are several shortcomings of the thesis and unclear parts, which might be discussed during the defense of the thesis.

- From the introduction, it is not clear what are the research questions the author will focus on in the thesis. Also, there isn't almost any discussion of the related literature which makes it unclear whether there are any studies which would explore the link between feed-in-tariffs and installed capacity and what the contribution of the thesis is.
- It seems that the econometric analysis is based on annual data and thus the number of observations is most likely between 10 and 15 in each regression. It would be helpful to provide tables summarizing the results (including number of observations) instead of presenting them only in figures and in the text.
- In some cases the results suggest there is a non-linear relationship between feed-in-tariffs and installed capacity. In fact, the aim of the thesis is to find interval of the tariff where the capacity is maximized. I missed the discussion and explanation why the relationship might be of this shape and what would be the reasons for the capacity to become decreasing in price starting at some price level.
- It seems that except of the feed-in-tariff there are no other explanatory variables in the regressions. Would it make sense to include any since probably more factors that the tariff change with time? Which ones would be suitable? For example, would it make sense to control for feed-in-tariffs for other types of energy from renewable sources?

I recommend the thesis for the defence and suggest grade B or C, depending on the defense of the thesis.

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

CATEGORY	POINTS
<i>Literature</i> (max. 20 points)	10
<i>Methods</i> (max. 30 points)	15
<i>Contribution</i> (max. 30 points)	20
<i>Manuscript Form</i> (max. 20 points)	15
TOTAL POINTS (max. 100 points)	60
GRADE (1 – 2 – 3 – 4)	2-3

NAME OF THE REFEREE: Julie Chytilová

DATE OF EVALUATION: May 25, 2016



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