Report on Master Thesis

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

Student:	**Bc. Jan Bízek**
Advisor:	**Milan Ščasný, PhD.**
Title of the thesis:	**Somewhat cloudy with a chance of sunshine: Analysis of renewable energy generation support schemes**

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

The thesis examines the key renewable energy support schemes –feed-in-tarriffs and marketable certificates– and performance of the tariff-based support schemes of PV RES-E as being used in Germany and the Czech Republic in last years. The thesis consists of seven chapters: Chapter 1 introduces to the subject; Chapter 2 reviews literature on various topics; Chapter 3 describes data; next two chapters introduce the econometric and forecasting model, respectively, and summarize their results. Chapter 6 discusses author's findings and last chapter concludes. The main work is performed particulalrly in Chapter 2 (comprehensive review), and Chapters 4 and 5 (quantitative part).

I appreciate in depth and well-written assessment of two key renewable energy support schemes (Section 2.3). The quantitative part follows a standard model as of Wand and Leuthold and van Benthem et al. Utilising the standard framework, the reaction of Czech and German investors in photovoltaic renewable energy with respect to their return of investment is investigated. As far as I know, Jan's thesis provides the first assessment of investor behavior of this kind for the Czech case, and as such it presents an exemptional research in this reasearch area. I also apprecaite that Jan uses the country- and time-specific parameters (discount rate), as opposed to usually employed constant discount rates elsewhere, in his derivation of NPV.

Although, presented conceptual model is quite simple, the reduced form specification of his model presents the state-of-the art approach and reflects data availability (even this simple model has required to gather very specifci data from several databses). In fact, except analysed explanatory variables, also other factors might have an infleunce on the dependent variable(s). I would appreciate these factors are discussed explicitly.

All my key comments have been reflected in the final version ofhis thesis. The manuscruipt is well structured, however, more attention might be paid for better editing final manuscript.

I recommend „**excellent**" **(1)** garde and suggest considering this thesis for one of the awards.

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

CATEGORY		POINTS
Literature	*(max. 20 points)*	20
Methods	*(max. 30 points)*	26
Contribution	*(max. 30 points)*	30
Manuscript Form	*(max. 20 points)*	15
TOTAL POINTS	*(max. 100 points)*	**91**
GRADE	**(1 – 2 – 3 – 4)**	**1**

NAME OF THE REFEREE: Milan Ščasný

DATE OF EVALUATION: January 28th, 2013

Referee Signature