

I. IDENTIFICATION DATA

Thesis title:	Analysis of the cross-border electricity market in North America.
Author's name:	Arturo Montes De Oca Zapiain
Type of thesis :	master
Faculty/Institute:	Faculty of Electrical Engineering (FEE)
Department:	Department of Economics, Management and Humanities
Thesis reviewer:	prof. Ing. Oldřich Starý, CSc.
Reviewer's department:	Department of Economics, Management and Humanities

II. EVALUATION OF INDIVIDUAL CRITERIA

Assignment <i>How demanding was the assigned project?</i>	challenging
The assignment was very demanding due to the combination of knowledge of cross-border electricity markets and agent systems.	
Fulfilment of assignment <i>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.</i>	fulfilled
Please insert your comments here.	
Activity and independence when creating final thesis <i>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.</i>	A - excellent.
The student attended regular consultations always properly prepared. He actively found the necessary data and procedures, which he further used in his work. He has a high ability to work independently.	
Technical level <i>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?</i>	A - excellent.
The work has a high professional level. In the end, it is well above the required level of master's theses.	
Formal level and language level, scope of thesis <i>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?</i>	A - excellent.
Formally, the work is processed at a high level. It is clearly structured with high graphic and linguistic culture.	
Selection of sources, citation correctness <i>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?</i>	A - excellent.
The author has independently searched for relevant literature and articles. The work can clearly distinguish the actual parts from those taken over. Citations meet the required standards.	
Additional commentary and evaluation (optional) <i>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.</i>	
The work is innovative by using agent systems to model cross-border electricity markets. It is also unique in that the created model is tested (although with some simplifications) on the real situation of interconnected US and Mexico	

systems. I propose that the results of the work be published in a professional journal and propose the work at the Dean's Award.

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

Working with Arturo Montes De Oca Zapiain was a great pleasure for me. He was enthusiastic about the issue, worked very independently, and fulfilled tasks at given times. He understood the complex issue very quickly and created a functional model. Much of the work (creating your own model), which is less visible in print, required a lot of programming effort and skill. The work far exceeds the professional and formal level of the standard master's thesis.

The grade that I award for the thesis is **A - excellent**.

Date: **31.1.2020**

Signature:

